Artemide®

Outdoor 2014

Artemide®

Cover:
Solar Tree, design Ross Lovegrove
Artemide donation to Milan municipality
for Gae Aulenti Square opening
Project: Pelli Clarke Pelli Architects

Outdoor 2014

Solar Tree, design Ross Lovegrove
Artcurial Hotel Dassault, Paris - FR

Solar Tree in Europe

1
Piazza della Scala
Milan - IT
2007

2
MAK
Wien - AT
2007

3
Artcurial Hotel Dassault
Paris - FR
2008

4
La Biennale,
Venice - IT
2008

5
Potsdamer Platz
Berlin - DE
2008

1

3

2

4

5

6
Università degli Sudi
Cortile del Filarete
Milan - IT
2008

7
Clerkenwell
London - UK
2010

8
Thessaloniki - GR
2010

9,10
Piazza Gae Aulenti
Milan - IT
2012

11
Frankfurt - DE
2012

6

9

7

8

10

11

LED Technology

With a wide experience in using LEDs for indoor light fixtures, Artemide exploits LED technological innovation also for outdoor light fixtures, combining values which cannot be omitted, such as light distribution control, light fixture efficiency, reduced energy consumption and operation costs. Economic and environmental advantages deriving from using LEDs are:

- high light efficiency
- low consumption
- reduced CO_2 emissions
- very reduced material use
- use of non-toxic and non-harmful materials
- reduced size and weight thus ensuring great savings for transport and logistics
- use of components that can be easily disassembled and recycled
- use in safety low voltage
- very long operation time
- short maintenance cycles
- excellent shock and vibration resistance

Artemide's expertise in the field of LED lighting fixtures focuses on some points which are absolutely necessary for a correct and long-lasting use of this technology:

- The accurate selection of last-generation Leds
- The design of heat dissipation systems
- The use of advanced electronic components
- The development of excellent optical system

Compasso D'oro
1967-1989-1994-2004

Winner European
Design Prize '97

Manufacturing

The care for sustainability of Artemide – a Company certified ISO 9001:2008, ISO 17025 and WMT – is ensured both by its French plant Megalit, accredited with ISO 14001 and implementing the Carbon Footprint, and by its focus on product lifecycle (LCA), i.e. design, choice of raw materials, processing to minimize transportation, and down to assembly, packaging, and disposal.
The improvement of the light fixture efficiency during use involves Energy-saving, reliability and lastingness of the implemented technical solutions with a consequent reduction of CO_2 emissions.
All Artemide light fixtures comply with European Directives and Standards and bear CE mark.

ISO 9001:2008

ISO 17025

ISO 14001:2004

WMT

LCA (Life Cycle Assessment)

LCA is a strategic approach used to assess the potential environment impact that a product has during all the stages of its life cycle: selection of raw materials, processing, transport and assembly, packaging, distribution, use phase, disposal and recycling.

The responsible light

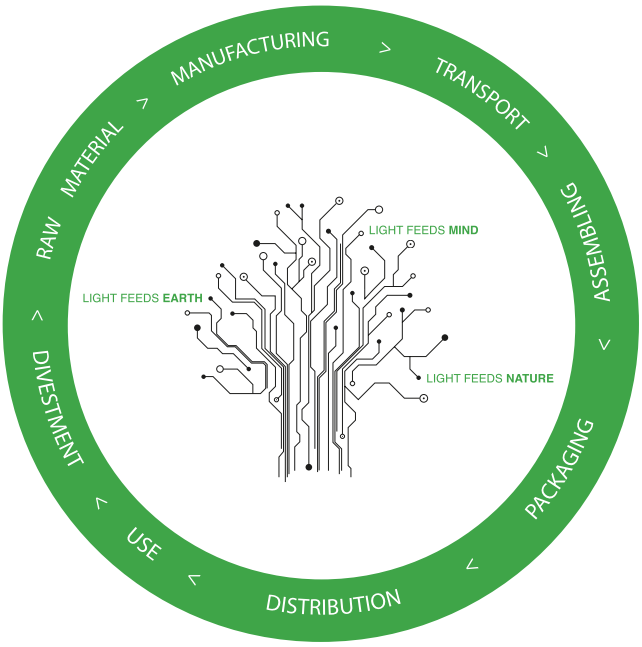
Artemide's research activity is constantly committed to developing and adopting lighting systems that pursue the objective of maximum energy efficiency.
All project choices focus on a sole objective: to improve people's quality of life and their relationship with the environment. In the sphere of a policy of the reduction of energy consumption and being ahead of the regulatory requirements, there are four areas of action into which Artemide's commitment is specifically translated:

Eco-Effectiveness
Maximum attention is devoted to design and production process: responsible use of resources, meticulous choice of processes and technologies with a view to achieving an energy balance.

Long term
Designing for the long term through careful planning of the entire life cycle of the product, promoting internal technical training using the experience accrued in the research into sustainability (LCA, analysis of technologies, of processes, etc.) developed with university research centres.

Responsible Consumption
To spread culture and offer instruments for a suitable choice (TCO, LENI) and a rational use of light, judging it in terms of energy saving and affordability.

Quality
Quality is a fundamental choice for a more lasting relationship with the product and as a prerequisite in the search for authentic environmental innovation.



Outdoor materialsand finishes

The Outdoor fixture design process includes accurate material and technology selection so that fixtures meet all the technical, aesthetic and functional requirements. All Artemide products have undergone the following tests:

- Saline fog tests to evaluate corrosion resistance;
- UV radiation exposure tests to evaluate their behaviour when exposed to sunlight;
- IP tests to evaluate the fixture waterproofing;
- IK tests to evaluate shock resistance;
- Load tests for walk-over and drive-over built-in fixtures.

The painting process is very important. The surface treatment of an outdoor lighting fixture exposed to extreme atmospheric agents and diverse weather conditions must ensure a suitable level of protection against the aggressive action of acid rains, saline environments, humidity and UV radiations. With its own internal painting plant, the surface treatment of the Artemide outdoor range is in full compliance with RoHS RAEE standards and qualitative conditions are constantly observed.
The painting plant cycle is provided with a pre-treatment tunnel that includes 6 stages of iron phosphate treatment and a rinse process together with a nanotechnological spray passivation process, consisting in the deposit of diamond structured molecules. This is useful to prepare the fixture for the application of the anti-corrosion epoxy powder primer through an electrostatic application system with dedicated spray cabins. Once the polymerization has been completed through the dry oven, the powder paint finish with a polyester-free base is applied. Of course this application is carried out after the dry oven and reticulation at 190 degrees.

Fields of application

The Artemide Outdoor collection is suitable for different applications:

- scenic lighting for enhancing façades and architectural elements;
- functional lighting of paths, bikeways, parks;
- social space lighting for urban landscapes, squares and gathering places;
- environmental lighting, respecting the nature of parks and gardens;
- indoor lighting in places where water requires fixtures with high IP value, such as wellness centres and swimming pools.

Private Residence, Milan - IT, Project: Erna Corbetta

Chateau Monfort, Milan - IT, Project: Federico Vedani

Service

The Lighting Engineering Project
Artemide develops lighting solutions that integrate architectural and living spaces, always with a keen eye on sustainability, sharing expertise and knowledge with architects and lighting planners.

Artemide is sensitive not only to the needs of human beings, but also to the environment, offering a new service aimed at energy saving and to help in reducing costs.
This service is called Artemide TCO - Total Cost Ownership and it is one of the latest generation calculation tools. Beginning from precise estimates of installation and usage costs, it offers solutions for controlling equipment and installations that require a targeted consumption of energy.

With its 55 Lighting Consultancy Centres worldwide, Artemide offers customers a complete service to support lighting engineering plans, beginning a constant dialogue with its partners.

It is also possible to download the
Dialux and Luxart calculationprograms, Eulumdat data, 2D and 3D images of products from the artemide.com website, together with all the technical information necessary to implement your own independent lighting engineering project.

Catalogues
With 4 product lines, Artemide offers a complete range of lighting equipment. These can be integrated to resolve the lighting engineering needs with all types of application, both indoor and outdoor.

Customer service
Via the website and the dedicated telephone lines, Artemide guarantees a prompt customer care service both pre- and post-sale. Furthermore, by signing up for the newsletter it is possible to be constantly updated on new products, events and projects.

artemide.com
info@artemide.com

Piazza Gae Aulenti, Milan - IT, Project: Pelli Clarke Pelli Architects

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Serpentine Sackler Gallery, London- UK, Project Zaha Hadid

Serpentine Sackler Gallery © 2013 Luke Hayes

Artemide Outdoor, Typologies

Walk-over recessed

18,20
Naiade walk-over

18,32
Orcamo walk-over

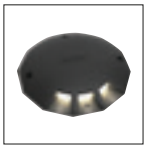
18,40
Ego walk-over

18,50
Ego vetro
walk-over

66
LineaLed
wallwasher

Drive-over recessed

18,20
Naiade drive-over



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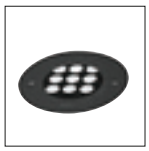
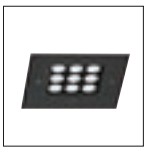
Downlight recessed

18,54
Naiade downlight

18,72
Orcamo downlight

18,78
Ego downlight

18,88
Ego vetro
downlight

Wall recessed

100,102
Faci

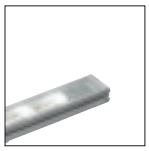
100,106
Faci vetro

200
Ciclope

208
Nuda

Scenic linear profiles

118
LineaLed
wallwasher



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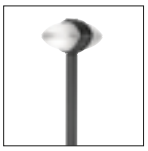
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and head-poles

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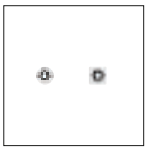
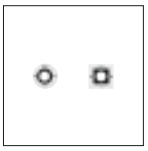
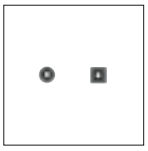
Artemide Outdoor - Families

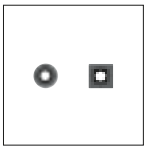
18 Naiade
20 walk-over

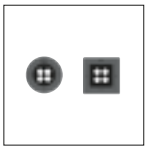

Naiade 55
wo

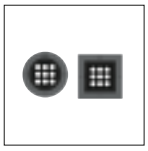

Naiade 90
wo

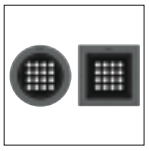
18 Naiade
20 walk-over /
drive-over


Naiade 55
wo/do

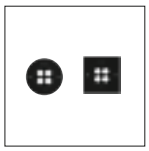

Naiade 90
wo/do

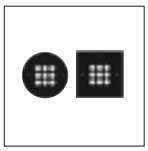

Naiade 150
wo/do


Naiade 220
wo/do


Naiade 320
wo/do

18 Orcamo
32 walk-over


Orcamo 150
wo


Orcamo 220
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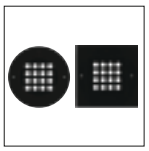
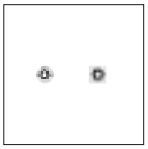
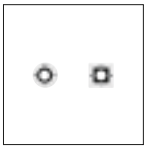

Orcamo 320
wo

18 Ego
40 walk-over


Ego 55
wo


Ego 90
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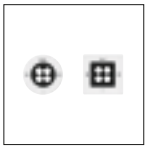
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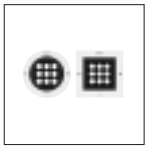
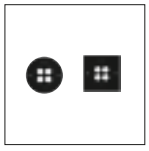
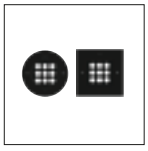
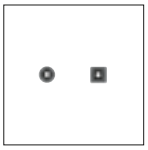

Ego 220
wo

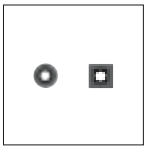
18 Ego vetro
50 walk-over

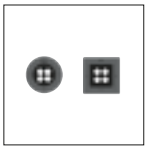

Ego vetro 150
wo


Ego vetro 220
wo

18 Naiade
54 downlight


Naiade 55
downlight


Naiade 90
downlight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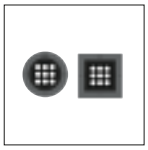
downlight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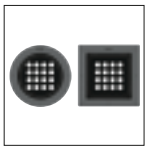
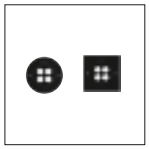
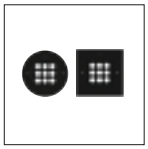
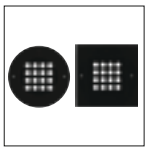
downlight


Naiade 320
downlight

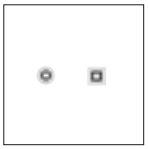
18 Orcamo
72 downlight

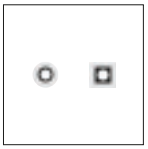

Orcamo 150
downlight

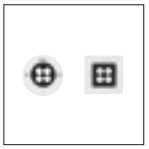

Orcamo 220
downlight

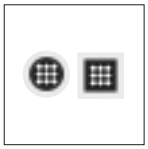

Orcamo 320
downlight

76 Ego
78 downlight

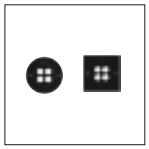

Ego 55
downlight

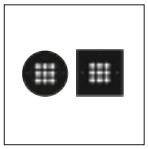

Ego 90
downlight


Ego 150
downlight

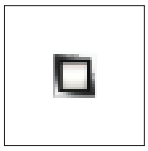

Ego 220
downlight

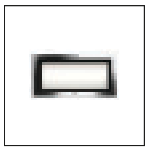
18 Ego vetro
88 downlight


Ego vetro 150
downlight


Ego vetro 220
downlight

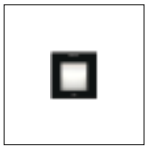
100 Faci
102

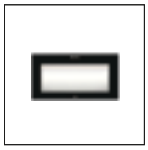

Faci 12

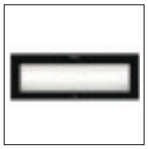

Faci 24

Faci 36

100 Faci vetro
106

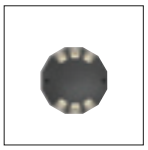

Faci vetro 12

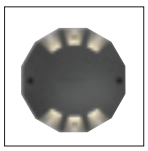

Faci vetro 24


Faci vetro 36

92 Megara

Megara 90


Megara 150


Megara 220

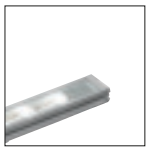
112 Linea Led
118

Linea Led

Linea Led
wall washer

Linea Led
wall washer
adjustable

124 Spike
130


Spike

Superspike

176 Calumet

Calumet 8
wall

Calumet 8
ceiling

Calumet 13
wall

Calumet 13
ceiling

184 Pantarei

Pantarei 190

Pantarei 300

Pantarei 390

188 Dioscuri

Dioscuri 14

Dioscuri 25

Dioscuri 35

Dioscuri 42

166 Effetto

Effetto

Effetto Round

136 Cefiso
260

Cefiso 14

Cefiso 20

Cefiso Palo

144 Epulo

Epulo 13

Epulo 18

150 Falange

Falange 9

Falange 18

154 Ego Spot

Ego 5 Spot

Ego 7 Spot

162 Sostituto
264

Sostituto Spot

Sostituto Palo

194 Chilone

Chilone floor

Chilone pole

Chilone up

Chilone wall

200 Ciclope

Ciclope floor 50 unilateral

Ciclope floor 100 unilateral

Ciclope floor 50 bilateral

Ciclope floor 100 bilateral

Ciclope recessed

Ciclope wall

208 Nuda

Nuda floor 50 unilateral

Nuda floor 100 unilateral

Nuda floor 50 bilateral

Nuda floor 100 bilateral

Nuda recessed

216 Tetragono

Tetragono 45 floor

Tetragono 90 floor

Tetragono wall

222 Reeds

Reeds

Reeds triple

226 Granito

Granito 30

Granito 60

230 Ippolito

Ippolito 45

Ippolito 90

232 Illo
Catilina
Aglaia

Illo

Catilina

Aglaia

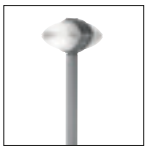
234 Taseo

Teseo 50 floor

Teseo 100 floor

Teseo wall

236 Alcesti


Alcesti floor

Alcesti wall

238 Giasole

Giasole floor
unilateral

Giasole floor
bilateral

Giasole wall

246 Hila

Hila floor

Hila pole

Hila wall

256 Provoca

Provoca pole

Provoca wall

Naiade
Orcamo
Ego

Design

Ernesto Gismondi
2011

Collection of walk-over, drive over and downlight built-in fixtures, available in several sizes, with round or square shape and aluminium or steel frame or flush glass.

Mechanical solutions
The optimum sizing of the fixtures, which is obtained with FEM simulations, ensures resistance to load keeping small size.
The use of AISI 316L steel for the drive-over versions ensures the best resistance to corrosion even in aggressive environments, resistance to abrasion and to mechanical load.
The silicon aluminium alloy EN AB-44100 of the fixture body ensures optimum resistance to corrosion.
The tempered glass with ground corners is resistant to scratches and, in flush glass versions, ensures a continuous installation between fixtures and floor or ceiling.
The use of nylon reinforced with fibre glass for the recessing boxes ensures high resistance to loads and to the chemical aggression of soil.

Optical performances
The use of selected Leds and the accurate design of optics ensure:
- optimum control of the light beams with the use of metacrylate lenses;
- different kinds of beam opening;
- wide selection of binning;
- adjustable optic unit;
- high flows.

Energy consumption
The highly efficient, ENEC certified ballasts allow a minimum energy consumption without waste. The use of ballasts fully complying with electromagnetic emission standards avoids radiation dispersions.

Installation and maintenance
The installation through an external connector avoids fixture opening.
Easy assembly with just two screws for fastening to the recessing box for floor versions, springs and brackets for the ceiling versions.
Almost no maintenance required.

	depth mm	Ø 55 round □ 55 square	Ø 90 round □ 90 square	Ø 150 round □ 150 square	Ø 220 round □ 220 square	Ø 320 round □ 320 square
Naiade aluminium ring	100/120	walk-over downlight	walk-over downlight	downlight	downlight	downlight
Naiade steel ring	100/120	walk-over/drive-over downlight	walk-over/drive-over downlight	walk-over/drive-over downlight	walk-over/drive-over downlight	walk-over/drive-over downlight
Ego aluminium ring	58/60	walk-over downlight	walk-over downlight	walk-over downlight	walk-over downlight	
Ego steel ring	58/60	walk-over downlight	walk-over downlight	walk-over downlight	walk-over downlight	
Orcamo glas	126/130			walk-over downlight	walk-over downlight	walk-over downlight
Ego vetro glas	58			walk-over downlight	walk-over downlight	

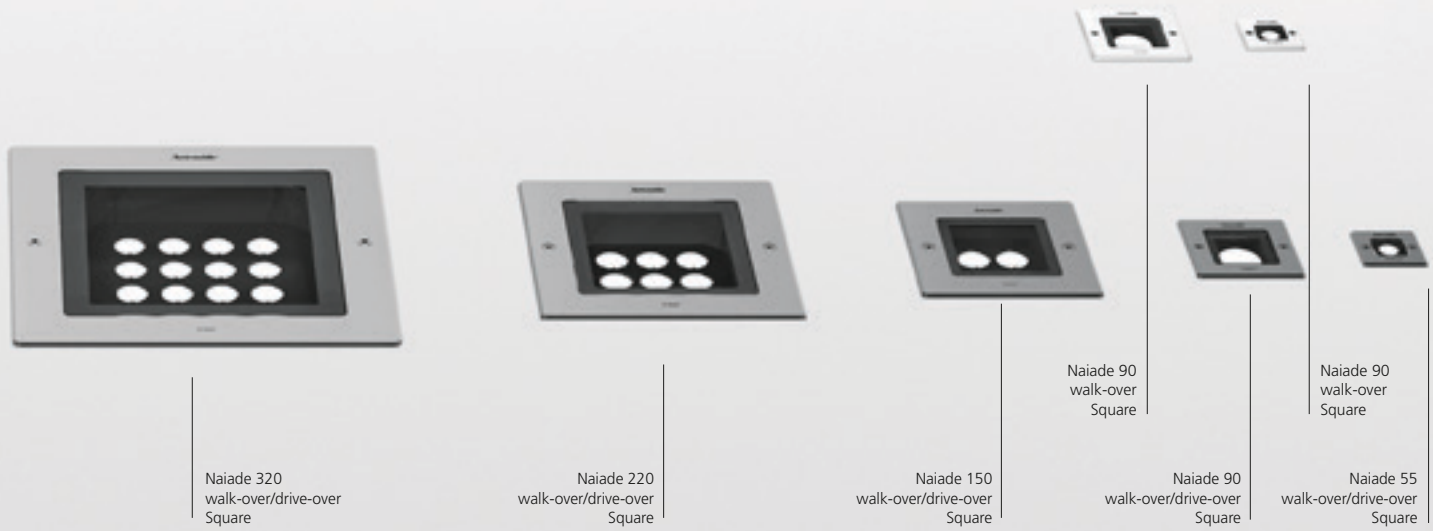
Naiade

Design

Ernesto Gismondi
2011

- Light fixture with high-performance LED light sources.
- Drive-over and walk-over recessed floor installation.
- 5 sizes (55, 90, 150, 220, 320 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable (H05RN-F 2x1 for versions 55 and 90, H05RN-F 3x1 for version 150, H07RN-F 3x1 for versions 220 and 320), resin-bonded inside the body.
- Electronic ballast integrated in the body; for versions 90 and 55: 24V power supply and remote ballast supplied separately.
- Frame in aluminium (Naiade 55 and 90 walk-over) or in stainless steel (Naiade 55, 90, 150, 220, 320 walk over - drive-over).
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to 13.5 mm.
- Fixing to the recessing box3 is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer, can be ordered separately.
- Adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Versions 150, 220 and 320: circuit operation is assured also in case of damage to one or several LEDs.
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Versions 55 and 90: insulation class III.
- Versions 150, 220 and 320: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Spot optic

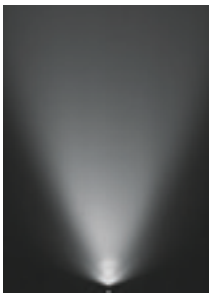
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.



Round or square frame
in stainless steel.
Silkscreened tempered glass.

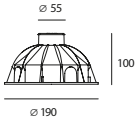
Lighting unit

Recessing box in polymer

Recessed depth:

Naiade 55	100mm
Naiade 90	100mm
Naiade 150	117mm
Naiade 220	117mm
Naiade 230	117mm

Naiade 55
walk-over



Naiade 55
walk-over
Round

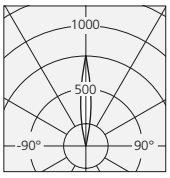
grey-white RAL9002

Painted aluminium ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403110W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T403110N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T403110C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

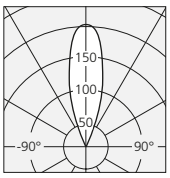


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403139W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T403139N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T403139C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

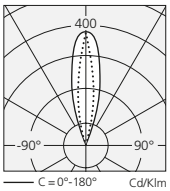


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4031ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4031ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4031ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

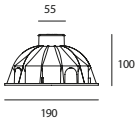


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α=12°x36°

T409908	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 55
walk-over
Square

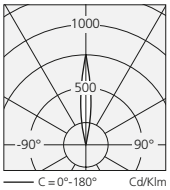
grey-white RAL9002

Painted aluminium ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400110W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T400110N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T400110C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

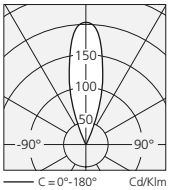


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400139W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T400139N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T400139C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

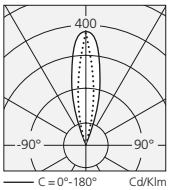


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4001ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4001ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4001ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately



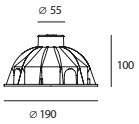
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α=12°x36°

T409908	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273

Naiade 55
walk-over /drive-over



Naiade 55
walk-over / drive-over
Round

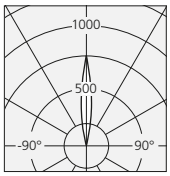
AISI 316L stainless steel ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403210W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T403210N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T403210C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



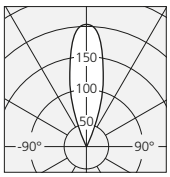
H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403239W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T403239N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T403239C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



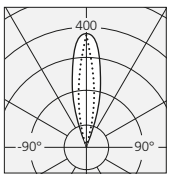
H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4032ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4032ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4032ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam

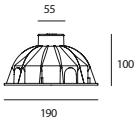


H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α = 12°x36°

T409908	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 55
walk-over / drive-over
Square

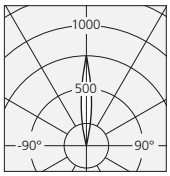
AISI 316L stainless steel ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400210W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T400210N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T400210C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



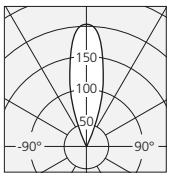
H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400239W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T400239N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T400239C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



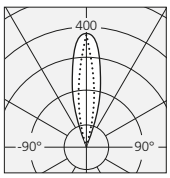
H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4002ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4002ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4002ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam

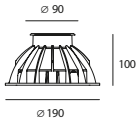


H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α = 12°x36°

T409908	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
walk-over
Round

grey-white RAL9002

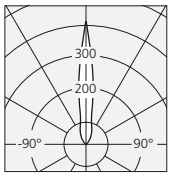
Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403410W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T403410N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T403410C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°



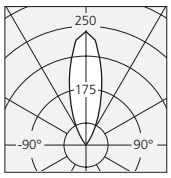
H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403439W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T403439N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T403439C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°



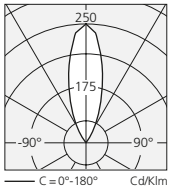
H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4034ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4034ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4034ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°

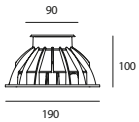


H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α = 35°

T409907	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
walk-over
Square

grey-white RAL9002

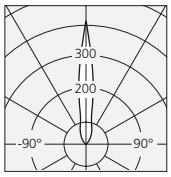
Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400410W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T400410N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T400410C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°



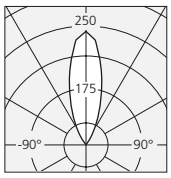
H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400439W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T400439N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T400439C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°



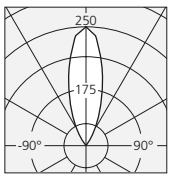
H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4004ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4004ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4004ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam +/- 8°

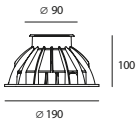


H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α = 35°

T409907	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
walk-over / drive-over
Round

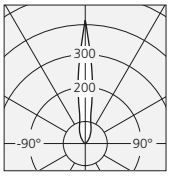
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403310W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T403310N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T403310C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°

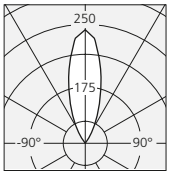


H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693
			α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403339W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T403339N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T403339C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°

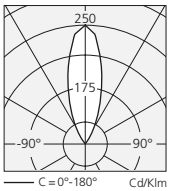


H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939
			α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4033ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4033ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4033ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic ballast 24Vdc supplied separately

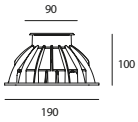
Adjustable beam
+/- 8°



H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005
			α=35°

T409907	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
walk-over / drive-over
Square

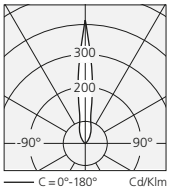
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400310W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T400310N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T400310C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°

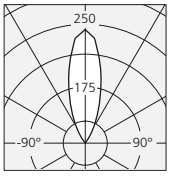


H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693
			α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400339W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T400339N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T400339C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°

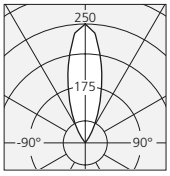


H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939
			α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4003ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4003ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4003ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°

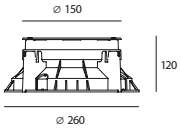


H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005
			α=35°

T409907	Recessing box
T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273

Naiade 150
walk-over /drive-over



Naiade 150
walk-over / drive-over
Round

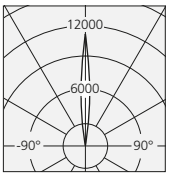
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK0**9

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403610W00	4 LED	8W	188lm	3000K	80	6°	R2
T403610N00	4 LED	8W	188lm	4000K	75	6°	R2
T403610C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180° Cd/Klm
C = 90°-270°

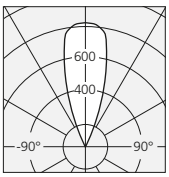
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403639W00	4 LED	8W	298lm	3000K	80	32°	R1
T403639N00	4 LED	8W	298lm	4000K	75	32°	R1
T403639C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180° Cd/Klm
C = 90°-270°

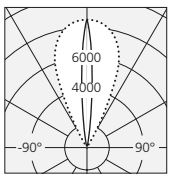
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4036ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4036ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4036ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

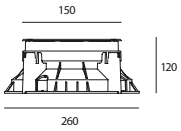


C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α = 6°x45°

T409905 Recessing box



Naiade 150
walk-over / drive-over
Square

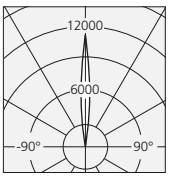
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK0**9

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400610W00	4 LED	8W	188lm	3000K	80	6°	R2
T400610N00	4 LED	8W	188lm	4000K	75	6°	R2
T400610C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180° Cd/Klm
C = 90°-270°

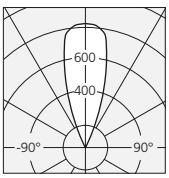
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400639W00	4 LED	8W	298lm	3000K	80	32°	R1
T400639N00	4 LED	8W	298lm	4000K	75	32°	R1
T400639C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180° Cd/Klm
C = 90°-270°

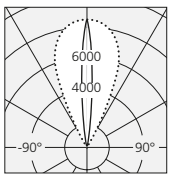
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4006ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4006ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4006ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



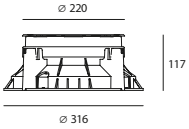
C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α = 6°x45°

T409906 Recessing box

Naiade 220
walk-over /drive-over



Naiade 220
walk-over / drive-over
Round

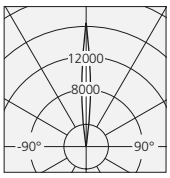
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 15 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403910W00	9 LED	16W	353lm	3000K	80	6°	R2
T403910N00	9 LED	16W	353lm	4000K	75	6°	R2
T403910C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



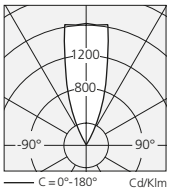
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T403939W00	9 LED	16W	1175lm	3000K	80	32°	R1
T403939N00	9 LED	16W	1175lm	4000K	75	32°	R1
T403939C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



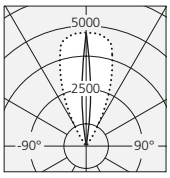
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4039ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4039ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4039ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

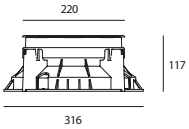
Adjustable beam +/- 15°



H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

T409903 Recessing box



Naiade 220
walk-over / drive-over
Square

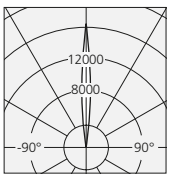
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 15 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400910W00	9 LED	16W	353lm	3000K	80	6°	R2
T400910N00	9 LED	16W	353lm	4000K	75	6°	R2
T400910C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



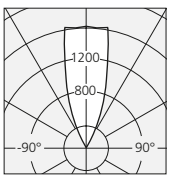
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T400939W00	9 LED	16W	1175lm	3000K	80	32°	R1
T400939N00	9 LED	16W	1175lm	4000K	75	32°	R1
T400939C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



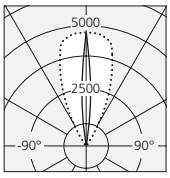
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4009ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4009ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4009ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

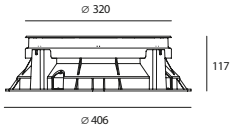


H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

T409904 Recessing box

Naiade 320
walk-over /drive-over



Naiade 320
walk-over / drive-over
Round

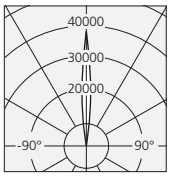
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T404810W00	16 LED	27W	1183lm	3000K	80	6°	R2
T404810N00	16 LED	27W	1183lm	4000K	75	6°	R2
T404810C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



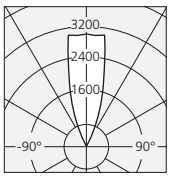
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T404839W00	16 LED	27W	693lm	3000K	80	32°	R1
T404839N00	16 LED	27W	693lm	4000K	75	32°	R1
T404839C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



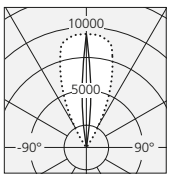
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4048ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4048ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4048ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

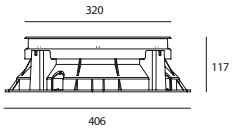
Adjustable beam
+/- 15°



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

α=6°x45°

T409901 Recessing box



Naiade 320
walk-over / drive-over
Square

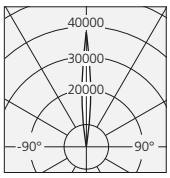
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T401810W00	16 LED	27W	1183lm	3000K	80	6°	R2
T401810N00	16 LED	27W	1183lm	4000K	75	6°	R2
T401810C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



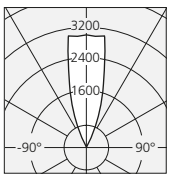
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T401839W00	16 LED	27W	693lm	3000K	80	32°	R1
T401839N00	16 LED	27W	693lm	4000K	75	32°	R1
T401839C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



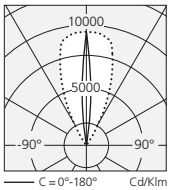
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4018ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4018ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4018ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

α=6°x45°

T409902 Recessing box

Milanofiori North Residential Complex Assago - Milan - IT- Project: OBR

Orcamo

Design

Ernesto Gismondi
2011

Orcamo 150
Round

Orcamo 220
Round

Orcamo 230
Round

- Light fixture with high-performance LED light sources.
- Walk-over recessed floor installation.
- 3 sizes (150, 220, 320 mm).
- Round and square version.
- Composed by body, black silkscreened glass flush with the floor, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F.
  Electronic ballast integrated in the body.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to 13.5 mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer to be ordered separately.
- Adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Circuit operation is assured also in case of damage to one or several LEDs.
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Orcamo 230
Square

Orcamo 220
Square

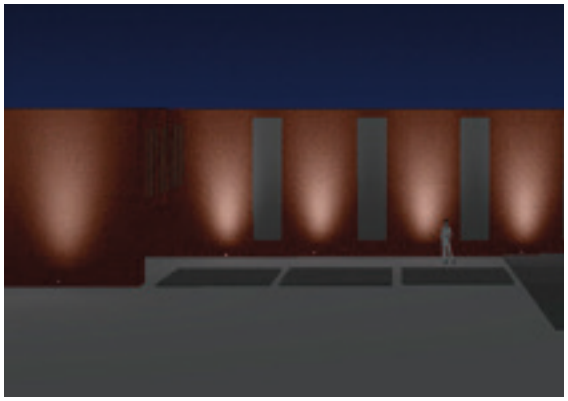
Orcamo 150
Square

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

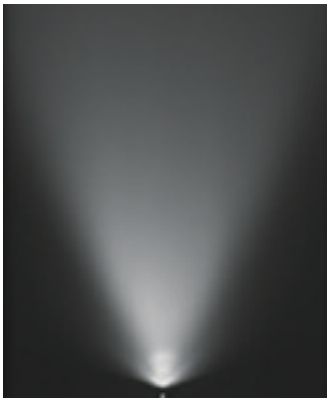
Flood optic

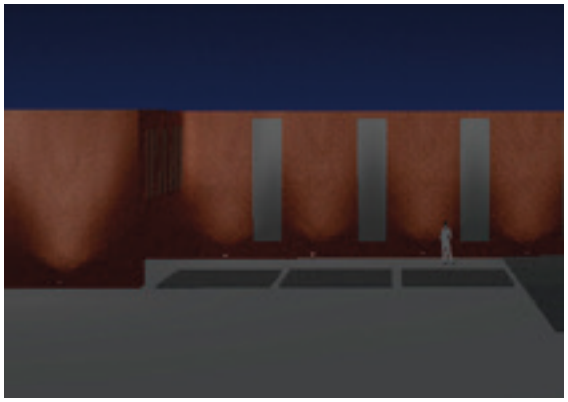
Wide luminous flow suitable for lighting large areas.



Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.





Milanofiori North Residential Complex Assago - Milan - IT- Project: OBR

Tempered glass flush with the floor

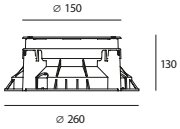
Lighting unit

Recessing box in polymer

Recessed depth:

Orcamo 150	130mm
Orcamo 220	126mm
Orcamo 320	126mm

Orcamo 150 walk-over
walk-over



Orcamo 150 walk-over Round

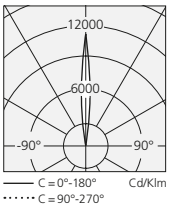
Static load 1500Kg
Glass thickness 8 mm
T glass 37 ˚C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411010W00	4 LED	7,9W	188lm	3000K	80	6°	R2
T411010N00	4 LED	7,9W	188lm	4000K	75	6°	R2
T411010C00	4 LED	7,9W	188lm	6000K7	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



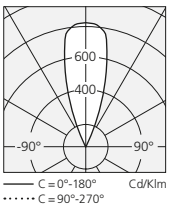
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411039W00	4 LED	7,9W	298lm	3000K	80	32°	R1
T411039N00	4 LED	7,9W	298lm	4000K	75	32°	R1
T411039C00	4 LED	7,9W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



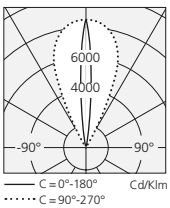
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4110ELW00	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
T4110ELN00	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
T4110ELC00	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

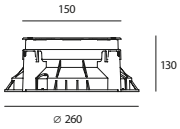
Adjustable beam +/- 15°



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

T409913 Recessing box



Orcamo 150 walk-over Square

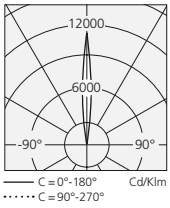
Static load 1500Kg
Glass thickness 8 mm
T glass 37 ˚C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410010W00	4 LED	7,9W	188lm	3000K	80	6°	R2
T410010N00	4 LED	7,9W	188lm	4000K	75	6°	R2
T410010C00	4 LED	7,9W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



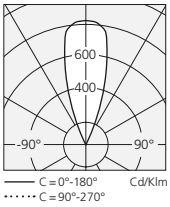
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410039W00	4 LED	7,9W	298lm	3000K	80	32°	R1
T410039N00	4 LED	7,9W	298lm	4000K	75	32°	R1
T410039C00	4 LED	7,9W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



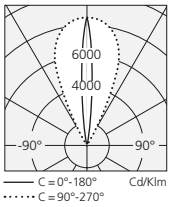
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4100ELW00	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
T4100ELN00	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
T4100ELC00	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

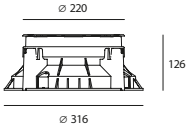
Adjustable beam +/- 15°



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

T409914 Recessing box



Orcamo 220
walk-over
Round

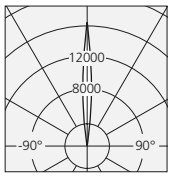
Static load 1500Kg
Glass thickness 8 mm
T glass 39 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411110W00	9 LED	16W	353lm	3000K	80	6°	R2
T411110N00	9 LED	16W	353lm	4000K	75	6°	R2
T411110C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



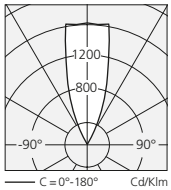
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411139W00	9 LED	16W	1175lm	3000K	80	32°	R1
T411139N00	9 LED	16W	1175lm	4000K	75	32°	R1
T411139C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



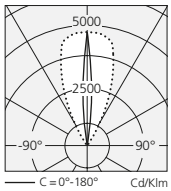
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4111ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4111ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4111ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

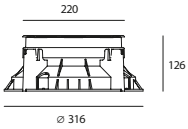
Adjustable beam
+/- 15°



H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

T409911 Recessing box



Orcamo 220
walk-over
Square

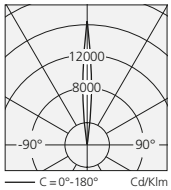
Static load 1500Kg
Glass thickness 8 mm
T glass 39 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410110W00	9 LED	16W	353lm	3000K	80	6°	R2
T410110N00	9 LED	16W	353lm	4000K	75	6°	R2
T410110C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



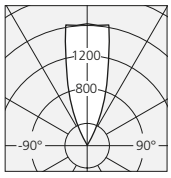
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410139W00	9 LED	16W	1175lm	3000K	80	32°	R1
T410139N00	9 LED	16W	1175lm	4000K	75	32°	R1
T410139C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



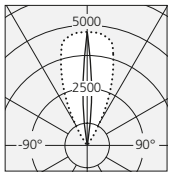
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4101ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4101ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4101ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°

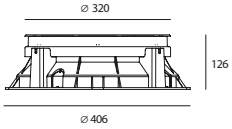


H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

T409912 Recessing box

Orcamo 320
walk-over



Orcamo 320
walk-over
Round

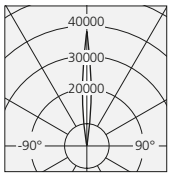
Static load 1500Kg
Glass thickness 8 mm
T glass 37˚C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411410W00	16 LED	27W	1183lm	3000K	80	6°	R2
T411410N00	16 LED	27W	1183lm	4000K	75	6°	R2
T411410C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

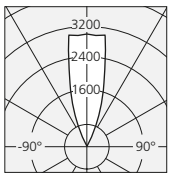
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T411439W00	16 LED	27W	693lm	3000K	80	32°	R1
T411439N00	16 LED	27W	693lm	4000K	75	32°	R1
T411439C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

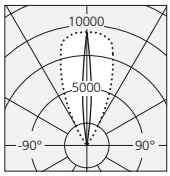
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4114ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4114ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4114ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°

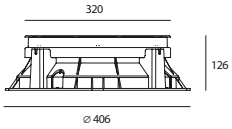


C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

α=6°x45°

T409909 Recessing box



Orcamo 320
walk-over
Square

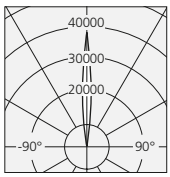
Static load 1500Kg
Glass thickness 8 mm
T glass 37˚C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410410W00	16 LED	27W	1183lm	3000K	80	6°	R2
T410410N00	16 LED	27W	1183lm	4000K	75	6°	R2
T410410C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

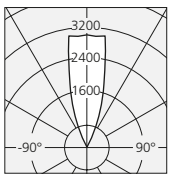
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T410439W00	16 LED	27W	693lm	3000K	80	32°	R1
T410439N00	16 LED	27W	693lm	4000K	75	32°	R1
T410439C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

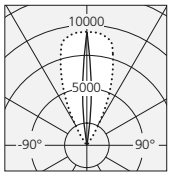
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4104ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4104ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4104ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

α=6°x45°

T409910 Recessing box

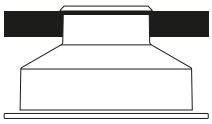
Ego
walk-over

Design

Ernesto Gismondi
2011

Ego 55 Round aluminium Ego 55 Round steel	Ego 90 Round aluminium Ego 90 Round steel	Ego 150 Round aluminium Ego 150 Round steel	Ego 220 Round aluminium Ego 220 Round steel	Ego 220 Square aluminium Ego 220 Square steel	Ego 150 Square aluminium Ego 150 Square steel	Ego 90 Square aluminium Ego 90 Square steel	Ego 55 Square aluminium Ego 55 Square steel

With an height of just 6cm, Ego minimizes the space of the floor recess.
Separate ballast.

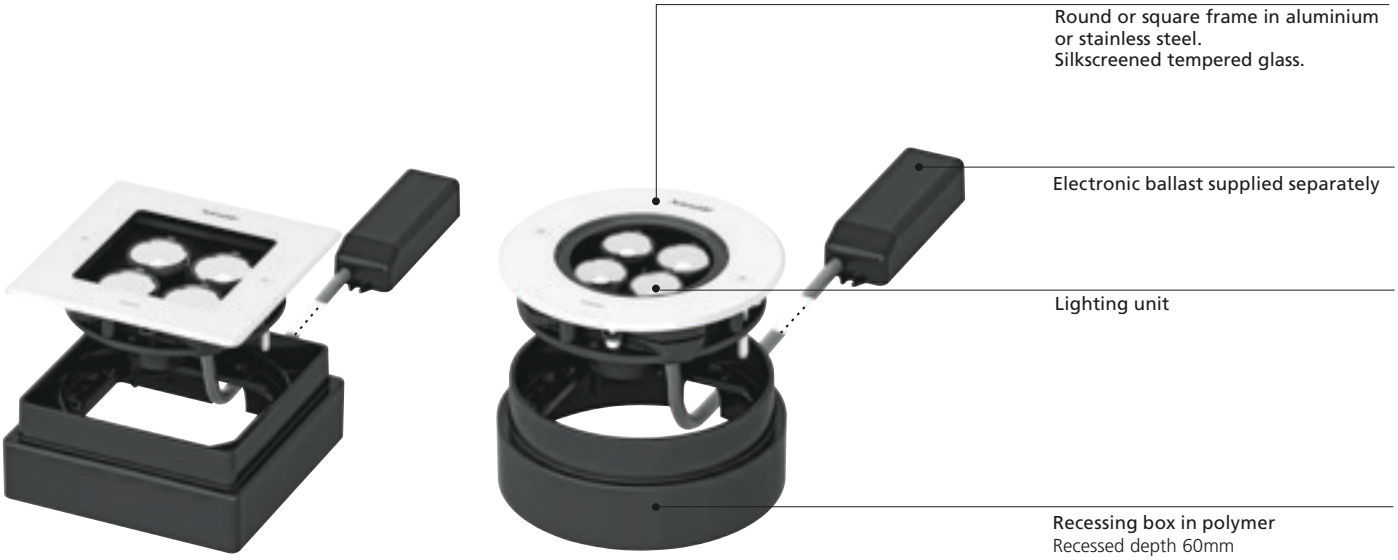


h
60 mm

FLAT

- Light fixture with high-performance LED light sources.
- Recessed floor installation.
- Walk-over version.
- Low recessed depth (60 mm).
- 4 sizes (55, 90, 150, 220 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; Feeding cable Ho05RN-F, with 300cm length for EGO 55 & EGO 90, 20cm for EGO 150, 30cm for EGO 220.
- Frame in painted aluminium or stainless steel.
- Power connection to the mains by means of remote ballast.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer, can be ordered separately.
- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Spot optic

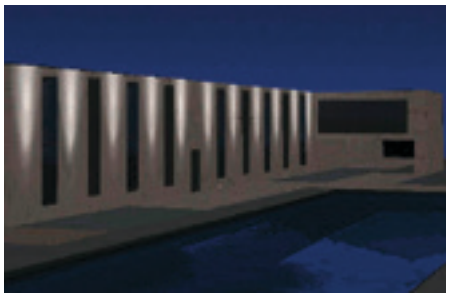
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

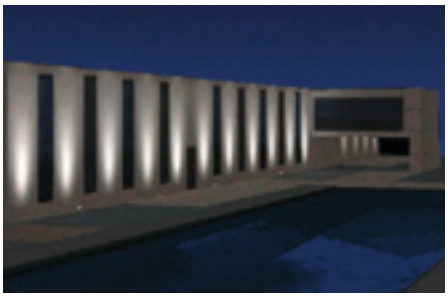
Flood optic

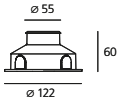
Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.







Ego 55
walk-over
Round aluminium

grey-white RAL9002

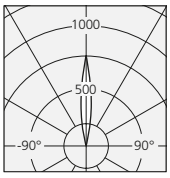
Painted aluminium ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000010K002	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4000010W002	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4000010Z002	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



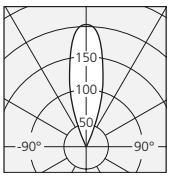
H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000039K002	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4000039W002	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4000039Z002	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



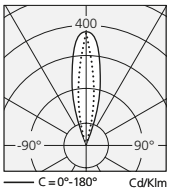
H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40000ELK002	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL40000ELW002	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL40000ELZ002	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

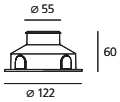


H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α=12°x36°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 55
walk-over
Round steel

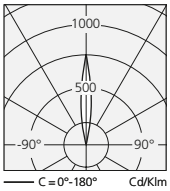
AISI 316L stainless steel ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000210K001	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4000210W001	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4000210Z001	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



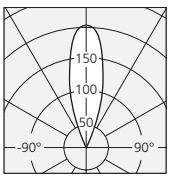
H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000239K001	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4000239W001	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4000239Z001	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



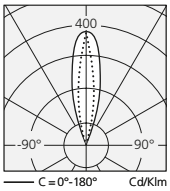
H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40002ELK001	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL40002ELW001	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL40002ELZ001	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam



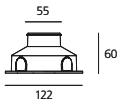
H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

α=12°x36°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272

Ego 55
walk-over



Ego 55
walk-over
Square aluminium

grey-white RAL9002

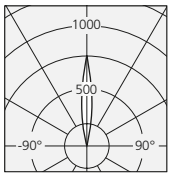
Painted aluminium ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000110K002	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4000110W002	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4000110Z002	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



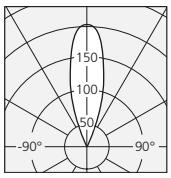
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C=0°-180° C=90°-270° Cd/Klm α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000139K002	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4000139W002	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4000139Z002	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



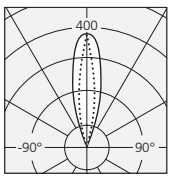
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C=0°-180° C=90°-270° Cd/Klm α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40001ELK002	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL40001ELW002	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL40001ELZ002	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

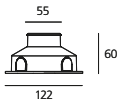


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C=0°-180° C=90°-270° Cd/Klm α=12°x36°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 55 walk-over
Square steel

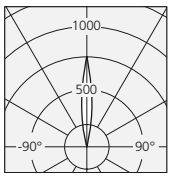
AISI 316L stainless steel ring (3mm)
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000310K001	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4000310W001	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4000310Z001	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



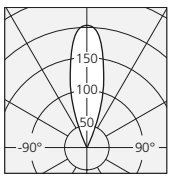
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C=0°-180° C=90°-270° Cd/Klm α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000339K001	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4000339W001	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4000339Z001	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



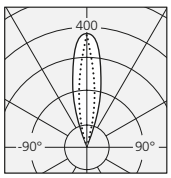
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C=0°-180° C=90°-270° Cd/Klm α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40003ELK001	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL40003ELW001	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL40003ELZ001	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

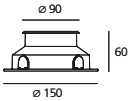


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C=0°-180° C=90°-270° Cd/Klm α=12°x36°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 90
walk-over
Round aluminium

grey-white RAL9002

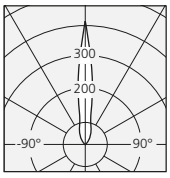
Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 10 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000410K002	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4000410W002	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4000410Z002	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



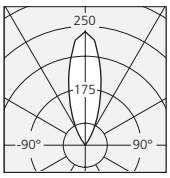
H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000439K002	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4000439W002	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4000439Z002	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



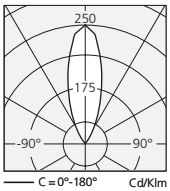
H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40004ELK002	3 LED	3,7W	116lm	3000K	80	35°	R1
NL40004ELW002	3 LED	3,7W	116lm	4000K	75	35°	R1
NL40004ELZ002	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam

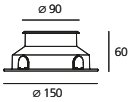


H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α=35°

NL40021H0	Recessing box					
NL11022	Ballast	6W	350mA	IP67	1 max	
NL19019	Ballast	11W	350mA	IP67	3 max	

Ballast details: see page 272



Ego 90
walk-over
Round steel

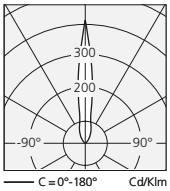
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 10 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000610K001	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4000610W001	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4000610Z001	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



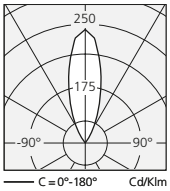
H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000639K001	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4000639W001	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4000639Z001	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



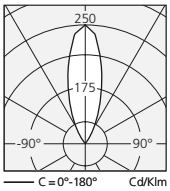
H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40006ELK001	3 LED	3,7W	116lm	3000K	80	35°	R1
NL40006ELW001	3 LED	3,7W	116lm	4000K	75	35°	R1
NL40006ELZ001	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam



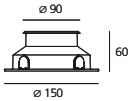
H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α=35°

NL40021H0	Recessing box					
NL11022	Ballast	6W	350mA	IP67	1 max	
NL19019	Ballast	11W	350mA	IP67	3 max	

Ballast details: see page 272

Ego 90
walk-over



Ego 90
walk-over
Square aluminium

grey-white RAL9002

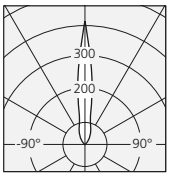
Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 10 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000510K002	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4000510W002	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4000510Z002	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



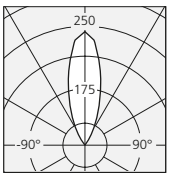
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000539K002	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4000539W002	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4000539Z002	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



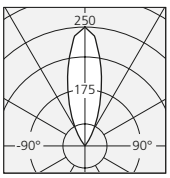
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40005ELK002	3 LED	3,7W	116lm	3000K	80	35°	R1
NL40005ELW002	3 LED	3,7W	116lm	4000K	75	35°	R1
NL40005ELZ002	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam

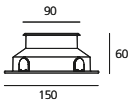


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α=35°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 max

Ballast details: see page 272



Ego 90
walk-over
Square steel

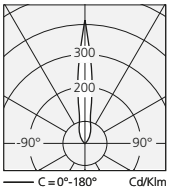
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Static load 3000 Kg
Glass thickness 10 mm
T glass 39° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000710K001	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4000710W001	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4000710Z001	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



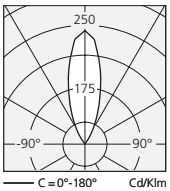
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α=10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000739K001	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4000739W001	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4000739Z001	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



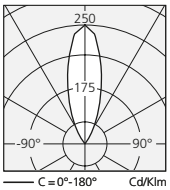
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α=25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40007ELK001	3 LED	3,7W	116lm	3000K	80	35°	R1
NL40007ELW001	3 LED	3,7W	116lm	4000K	75	35°	R1
NL40007ELZ001	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam

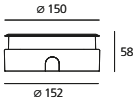


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α=35°

NL40021H0	Recessing box				
NL11022	Ballast	6W	350mA	IP67	1 max
NL19019	Ballast	11W	350mA	IP67	3 max

Ballast details: see page 272



Ego 150
walk-over
Round aluminium

grey-white RAL9002

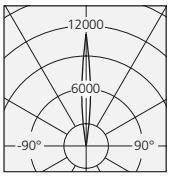
Painted aluminium ring (3mm)
Static load 1500 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000810K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4000810W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4000810Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



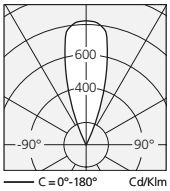
H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000839K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4000839W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4000839Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



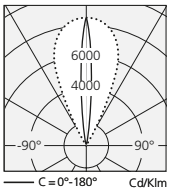
H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40008ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40008ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40008ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

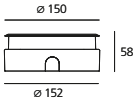


H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

NL40025H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272



Ego 150
walk-over
Round steel

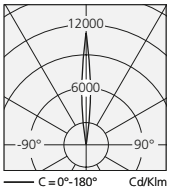
AISI 316L stainless steel ring (3mm)
Static load 1500 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001010K001	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4001010W001	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4001010Z001	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



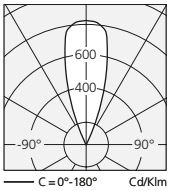
H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001039K001	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4001039W001	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4001039Z001	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



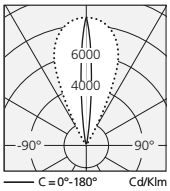
H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40010ELK001	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40010ELW001	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40010ELZ001	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



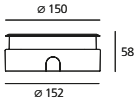
H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

NL40025H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272

Ego 150
walk-over



Ego 150
walk-over
Square aluminium

grey-white RAL9002

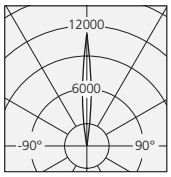
Painted aluminium ring (3mm)
Static load 1500 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000910K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4000910W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4000910Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



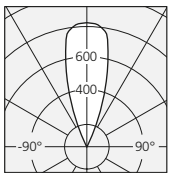
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4000939K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4000939W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4000939Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



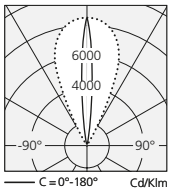
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40009ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40009ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40009ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

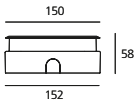


H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

NL40023H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272



Ego 150
walk-over
Square steel

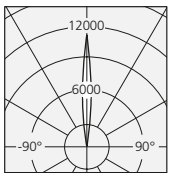
AISI 316L stainless steel ring (3mm)
Static load 1500 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001110K001	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4001110W001	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4001110Z001	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



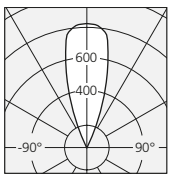
H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001139K001	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4001139W001	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4001139Z001	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



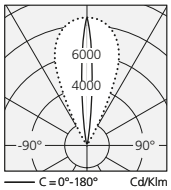
H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40011ELK001	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40011ELW001	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40011ELZ001	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



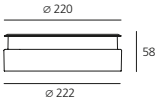
H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α=6°x45°

NL40023H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272

Ego 220
walk-over



Ego 220
walk-over
Round aluminium

grey-white RAL9002

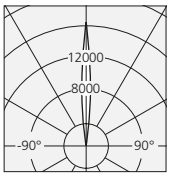
Painted aluminium ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001210K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4001210W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4001210Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



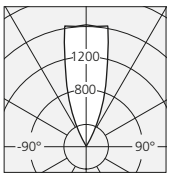
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

NL4001239K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4001239W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4001239Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



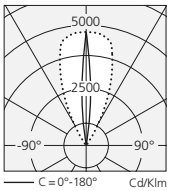
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

NL40012ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40012ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40012ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

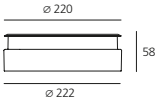


H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

NL40026H0	Recessing box			
NL19047	Ballast 20W	500mA	IP67	1 max

Ballast details: see page 272



Ego 220
walk-over
Round steel

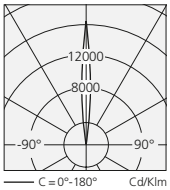
AISI 316L stainless steel ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001410K001	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4001410W001	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4001410Z001	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



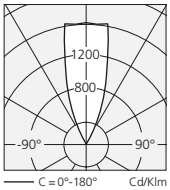
H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

NL4001439K001	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4001439W001	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4001439Z001	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



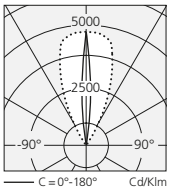
H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

NL40014ELK001	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40014ELW001	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40014ELZ001	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



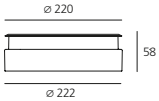
H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

NL40026H0	Recessing box			
NL19047	Ballast 20W	500mA	IP67	1 max

Ballast details: see page 272

Ego 220
walk-over



Ego 220
walk-over
Square aluminium

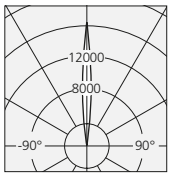
grey-white RAL9002

Painted aluminium ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001310K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4001310W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4001310Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

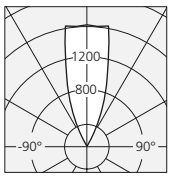


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001339K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4001339W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4001339Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

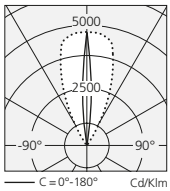


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40013ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40013ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40013ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

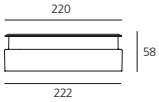


H m	Ø C0 m	Ø C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

NL40024H0	Recessing box				
NL19047	Ballast	20W	500mA	IP67	1 max

Ballast details: see page 272



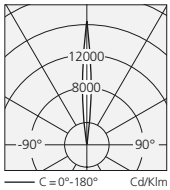
Ego 220
walk-over
Square steel

AISI 316L stainless steel ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001510K001	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4001510W001	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4001510Z001	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

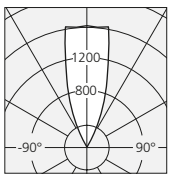


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001539K001	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4001539W001	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4001539Z001	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

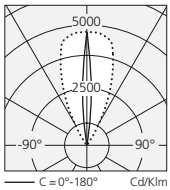


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40015ELK001	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40015ELW001	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40015ELZ001	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

NL40024H0	Recessing box				
NL19047	Ballast	20W	500mA	IP67	1 max

Ballast details: see page 272

Ego vetro
walk-over

Design

Ernesto Gismondi
2012

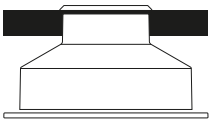
Ego vetro 150
Round

Ego vetro 220
Round

Ego vetro 220
Square

Ego vetro 150
Square

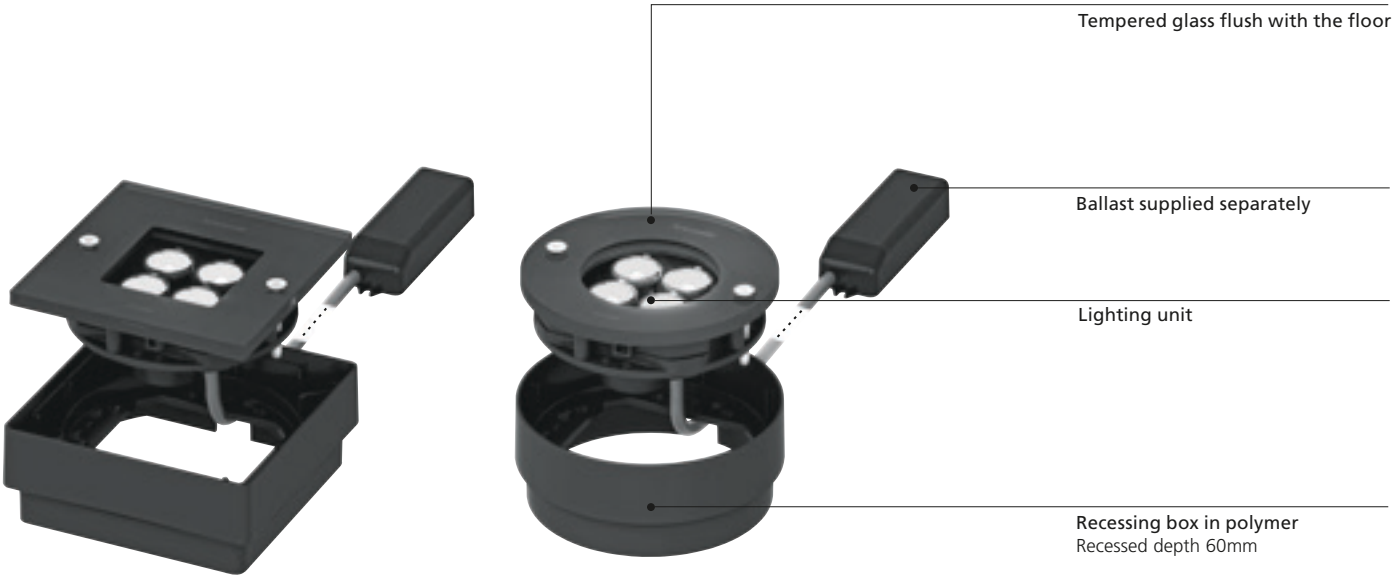
With an height of just 6cm, Ego vetro minimizes the space of the floor recess. Separate ballast.



h
60 mm

FLAT

- Light fixture with high-performance LED light sources.
- Walk-over recessed floor installation with low recessed depth (60 mm).
- 2 sizes (150 e 220 mm).
- Round and square version.
- Composed by body, black silkscreened tempered glass flush with the floor, recessing box.
- Body in die-cast EN AB44100 aluminium, silicone gaskets; provided with feeding cable H05RN-F, with 20cm for EGO vetro 150, 30cm for EGO vetro 220. Remote electronic ballast.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer, can be ordered separately.
- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- ENEC approved.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Spot optic

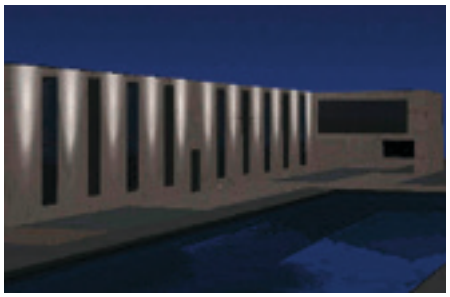
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

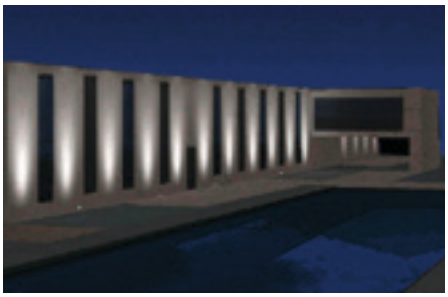
Flood optic

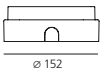
Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.







Ego vetro 150
walk-over
Round

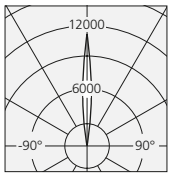
Static load 1500Kg
Glass thickness 8 mm
T glass 33 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001710K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4001710W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4001710Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



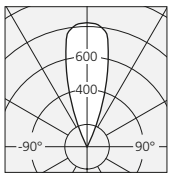
H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001739K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4001739W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4001739Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



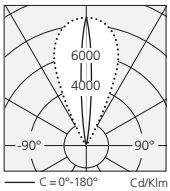
H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40017ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40017ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40017ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

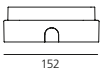


H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α = 6°x45°

NL40029H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272



Ego vetro 150
walk-over
Square

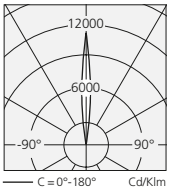
Static load 1500Kg
Glass thickness 8 mm
T glass 33 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001810K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4001810W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4001810Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



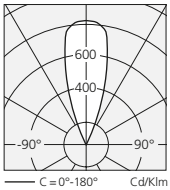
H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001839K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4001839W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4001839Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



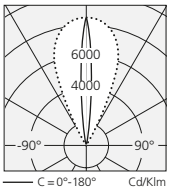
H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40018ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL40018ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL40018ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



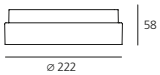
H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

α = 6°x45°

NL40027H0	Recessing box				
NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272

Ego vetro 220
walk-over



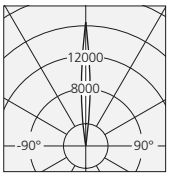
Ego vetro 220
walk-over
Round

Static load 1000Kg
Glass thickness 8 mm
T glass 35 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001910K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4001910W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4001910Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

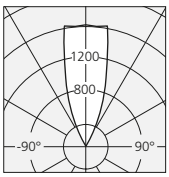


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4001939K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4001939W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4001939Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

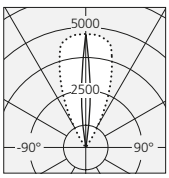


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40019ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40019ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40019ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

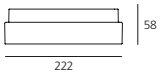


H m	Ø C0 m	Ø C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α=6°x45°

NL40030H0	Recessing box			
NL19047	Ballast 20W	500mA	IP67	1 max

Ballast details: see page 272



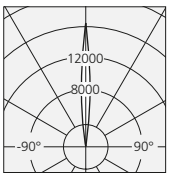
Ego vetro 220
walk-over
Square

Static load 1000Kg
Glass thickness 8 mm
T glass 35 °C
Recessing box supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4002010K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4002010W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4002010Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

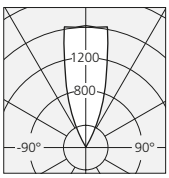


H m	Ø C0 m	Ø C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

α

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4002039K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4002039W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4002039Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

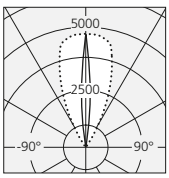


H m	Ø C0 m	Ø C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL40020ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL40020ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL40020ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately



H m	Ø C0 m	Ø C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

α

NL40028H0	Recessing box			
NL19047	Ballast 20W	500mA	IP67	1 max

Ballast details: see page 272

Naiade downlight

Design

Ernesto Gismondi
2011

Naiade 55
downlight
Round
steel

Naiade 55
downlight
Round
aluminium

Naiade 90
downlight
Round
steel

Naiade 90
downlight
Round
aluminium

Naiade 150
downlight
Round
steel

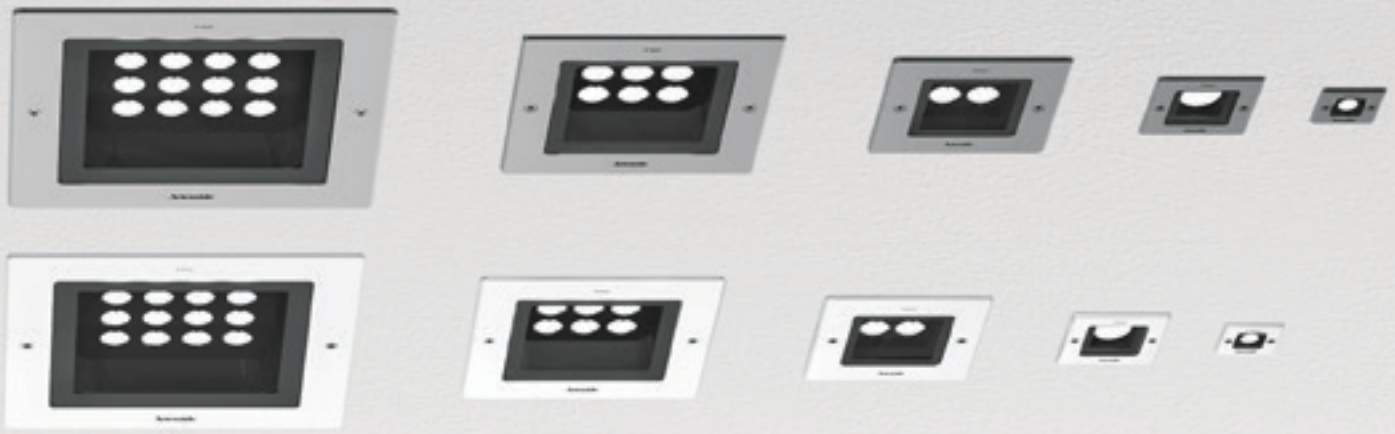
Naiade 150
downlight
Round
aluminium

Naiade 220
downlight
Round
steel

Naiade 220
downlight
Round
aluminium

Naiade 320
downlight
Round
steel

Naiade 320
downlight
Round
aluminium



Naiade 320
downlight
Square
steel

Naiade 320
downlight
Square
aluminium

Naiade 220
downlight
Square
steel

Naiade 220
downlight
Square
aluminium

Naiade 150
downlight
Square
steel

Naiade 150
downlight
Square
aluminium

Naiade 90
downlight
Square
steel

Naiade 90
downlight
Square
aluminium

Naiade 55
downlight
Square
steel

Naiade 55
downlight
Square
aluminium

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- 5 sizes (55, 90, 150, 220, 320 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable (H05RN-F 2x1 for versions 55 and 90, H05RN-F 3x1 for version 150, H07RN-F 3x1 for versions 220 and 320), resin-bonded inside the body.
- Electronic ballast integrated in the body; for versions 90 and 55: 24V power supply and remote ballast supplied separately.
- Frame in aluminium or stainless steel.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, suitable for cables with a diameter from 5 to 13.5 mm.
- Adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Versions 150, 220 and 320: circuit operation is assured also in case of damage to one or several LEDs.
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Versions 55 and 90: insulation class III.
- Versions 150, 220 and 320: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

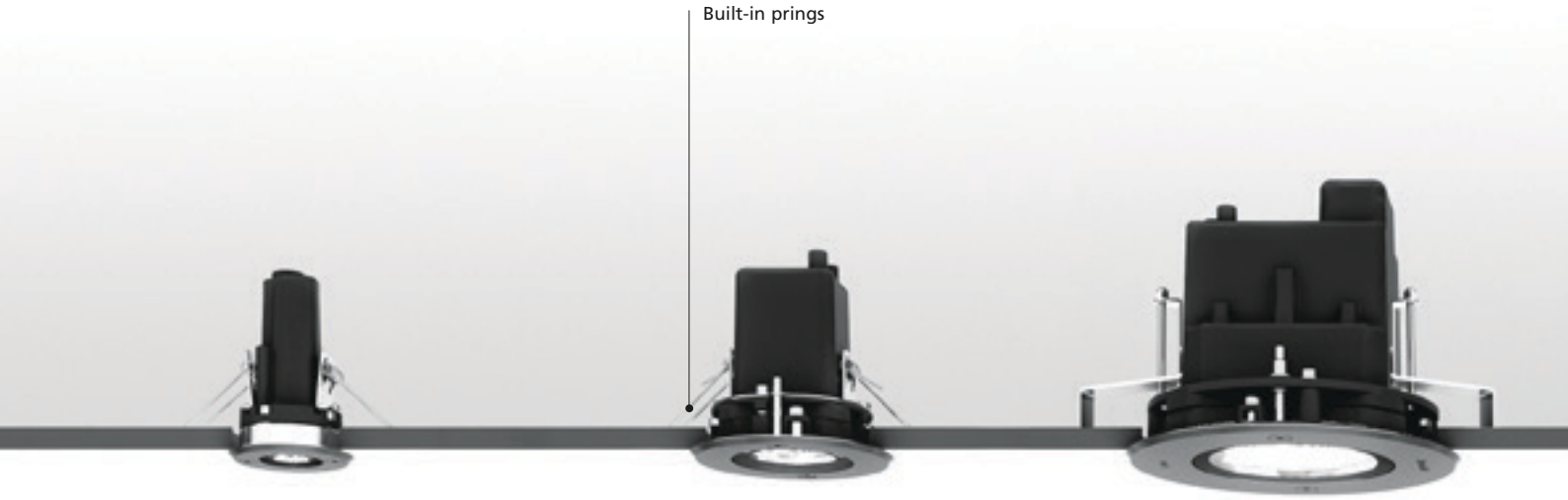
Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Milanofiori North Residential Complex Assago - Milan - IT- Project: OBR



Naiade 55 downlight
Recessed depth 94 mm

⌀ 47 ±1 mm

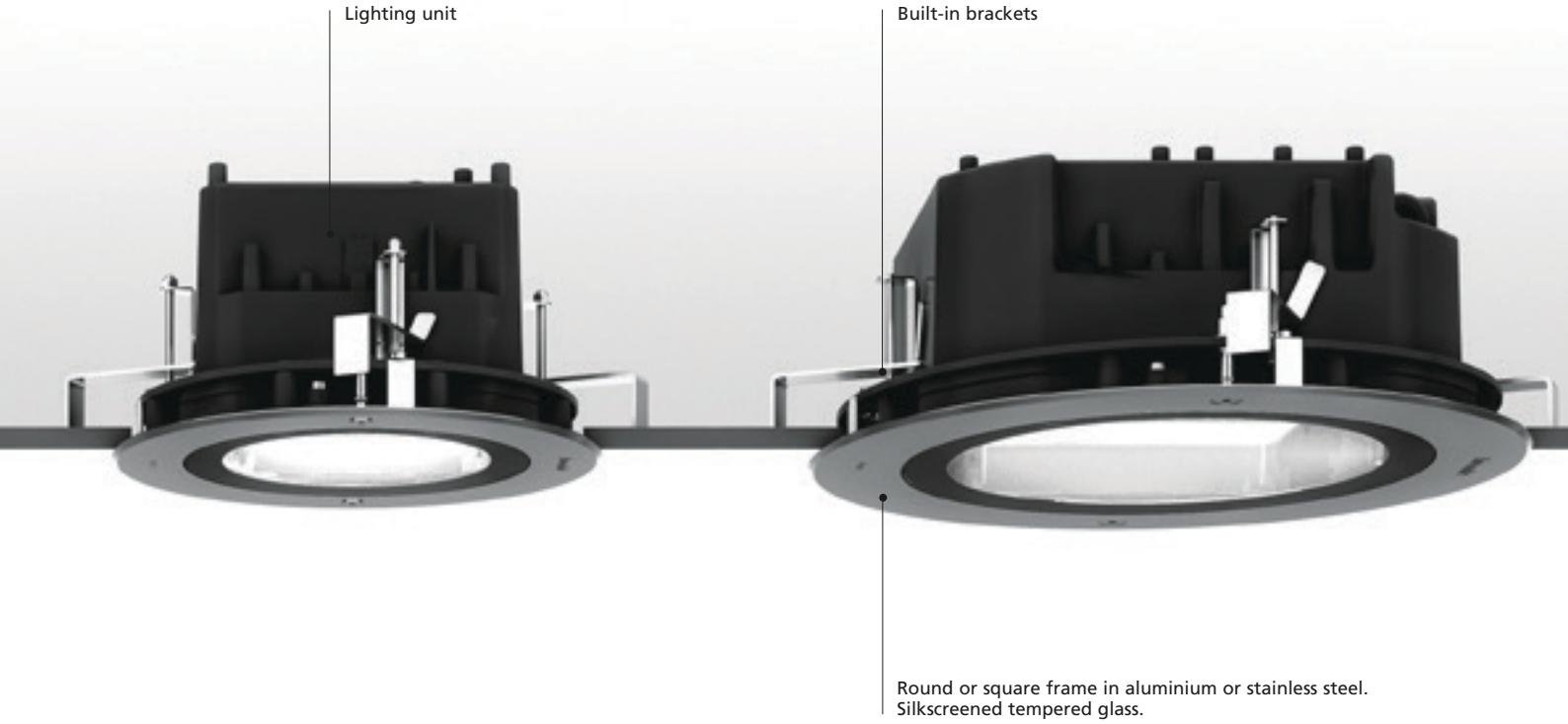
Naiade 90 downlight
Recessed depth 90 mm

⌀ 80 ±2 mm

Naiade 150 downlight
Recessed depth 120 mm

⌀ 135 ±2 mm

□ 135 ±2 mm



Naiade 220 downlight
Recessed depth 117 mm

⌀ 203 ±2 mm

□ 203 ±2 mm

Naiade 320 downlight
Recessed depth 116 mm

⌀ 300 ±2 mm

□ 300 ±2 mm

Naiade 55
downlight
Round aluminium

grey-white RAL9002

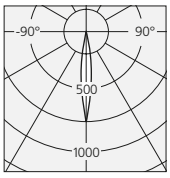
Painted aluminium ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408110W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T408110N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T408110C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



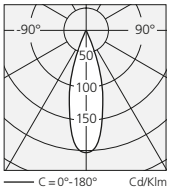
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408139W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T408139N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T408139C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



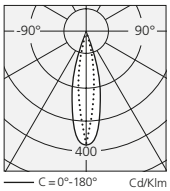
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4081ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4081ELN00	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
T4081ELC00	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α = 12°x36°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273

Naiade 55
downlight
Round steel

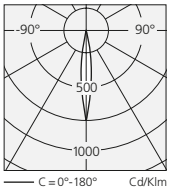
AISI 316L stainless steel ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408010W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T408010N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T408010C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



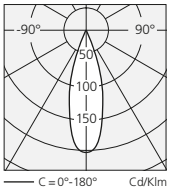
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408039W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T408039N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T408039C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



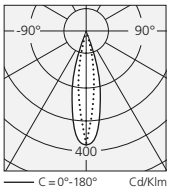
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4080ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4080ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4080ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam

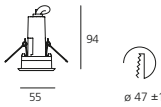


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α = 12°x36°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 55
downlight
Square aluminium

grey-white RAL9002

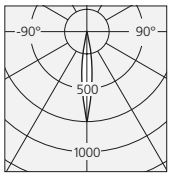
Painted aluminium ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406110W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T406110N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T406110C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



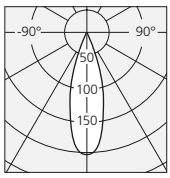
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406139W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T406139N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T406139C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



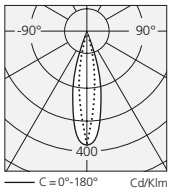
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4061ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4061ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4061ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam

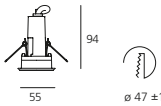


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 55
downlight
Square steel

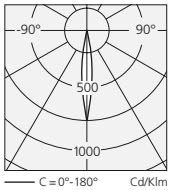
AISI 316L stainless steel ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406010W00	1 LED	1,44W	72lm	3000K	80	11°	R1
T406010N00	1 LED	1,44W	72lm	4000K	75	11°	R1
T406010C00	1 LED	1,44W	72lm	6000K	70	11°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



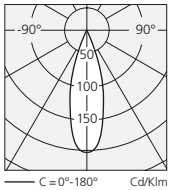
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406039W00	1 LED	1,44W	64lm	3000K	80	30°	R1
T406039N00	1 LED	1,44W	64lm	4000K	75	30°	R1
T406039C00	1 LED	1,44W	64lm	6000K	70	30°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

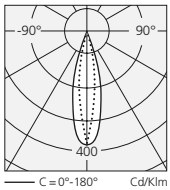
α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4060ELW00	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
T4060ELN00	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
T4060ELC00	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

Electronic ballast 24Vdc supplied separately

Fixed beam

Effective power 1,44W

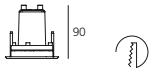


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
downlight
Round aluminium

grey-white RAL9002

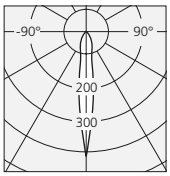
Painted aluminium ring (3mm)
Glass thickness 10 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408310W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T408310N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T408310C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam
+/- 8°



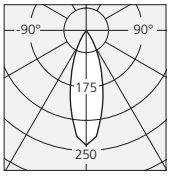
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408339W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T408339N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T408339C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam
+/- 8°



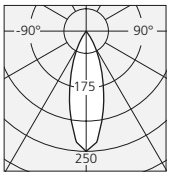
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4083ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4083ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4083ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam
+/- 8°

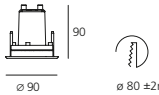


H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90
downlight
Round steel

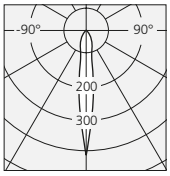
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 10 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408210W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T408210N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T408210C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic ballast 24Vdc supplied separately

Adjustable beam
+/- 8°



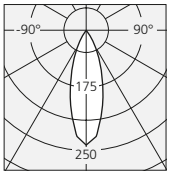
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408239W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T408239N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T408239C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam
+/- 8°



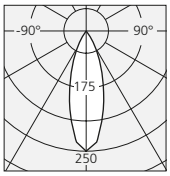
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4082ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4082ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4082ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam
+/- 8°



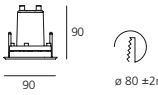
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273

Naiade 90
downlight



Naiade 90 downlight Square aluminium

grey-white RAL9002

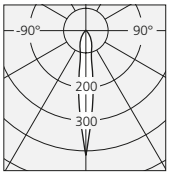
Painted aluminium ring (3mm)
Glass thickness 10 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406310W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T406310N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T406310C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°



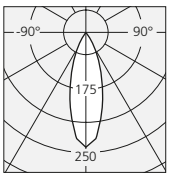
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406339W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T406339N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T406339C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°



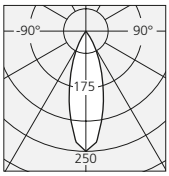
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4063ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4063ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4063ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°

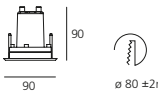


H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



Naiade 90 downlight Square steel

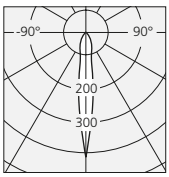
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 10 mm
Installation with built-in springs

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406210W00	3 LED	3,3W	95lm	3000K	80	10°	R1
T406210N00	3 LED	3,3W	95lm	4000K	75	10°	R1
T406210C00	3 LED	3,3W	95lm	6000K	70	10°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°



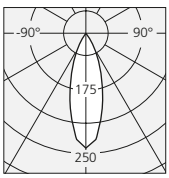
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406239W00	3 LED	3,3W	105lm	3000K	80	25°	R1
T406239N00	3 LED	3,3W	105lm	4000K	75	25°	R1
T406239C00	3 LED	3,3W	105lm	6000K	70	25°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°



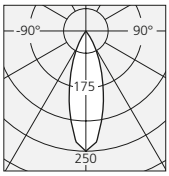
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4062ELW00	3 LED	3,3W	116lm	3000K	80	35°	R1
T4062ELN00	3 LED	3,3W	116lm	4000K	75	35°	R1
T4062ELC00	3 LED	3,3W	116lm	6000K	70	35°	R2

Electronic 24Vdc. Ballast supplied separately

Adjustable beam +/- 8°

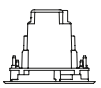


H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

T409996	Ballast 25W
T409998	Ballast 60W
T409999	Ballast 90W

Ballast installation details: see page 273



ø 135 ±2mm

Naiade 150
downlight
Round aluminium

○ grey-white RAL9002

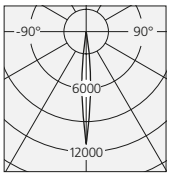
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408510W00	4 LED	8W	188lm	3000K	80	6°	R2
T408510N00	4 LED	8W	188lm	4000K	75	6°	R2
T408510C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



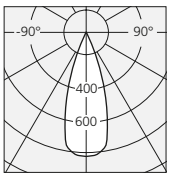
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

T408539W00	4 LED	8W	298lm	3000K	80	32°	R1
T408539N00	4 LED	8W	298lm	4000K	75	32°	R1
T408539C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



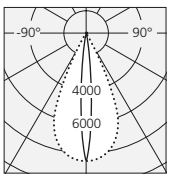
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

T4085ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4085ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4085ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

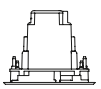
220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°



ø 135 ±2mm

Naiade 150
downlight
Round steel

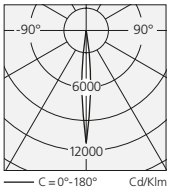
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408410W00	4 LED	8W	188lm	3000K	80	6°	R2
T408410N00	4 LED	8W	188lm	4000K	75	6°	R2
T408410C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



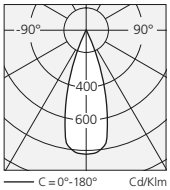
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

T408439W00	4 LED	8W	298lm	3000K	80	32°	R1
T408439N00	4 LED	8W	298lm	4000K	75	32°	R1
T408439C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



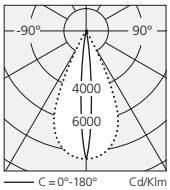
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

T4084ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4084ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4084ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

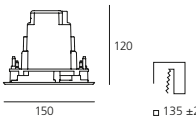
Adjustable beam
+/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°

Naiade 150
downlight



Naiade 150
downlight
Square aluminium

grey-white RAL9002

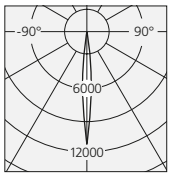
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406510W00	4 LED	8W	188lm	3000K	80	6°	R2
T406510N00	4 LED	8W	188lm	4000K	75	6°	R2
T406510C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

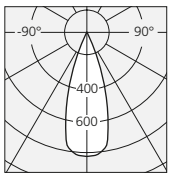
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406539W00	4 LED	8W	298lm	3000K	80	32°	R1
T406539N00	4 LED	8W	298lm	4000K	75	32°	R1
T406539C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

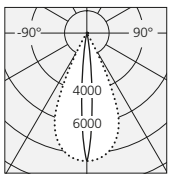
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4065ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4065ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4065ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

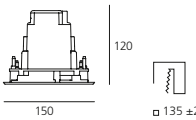
Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°



Naiade 150
downlight
Square steel

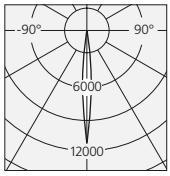
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406410W00	4 LED	8W	188lm	3000K	80	6°	R2
T406410N00	4 LED	8W	188lm	4000K	75	6°	R2
T406410C00	4 LED	8W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

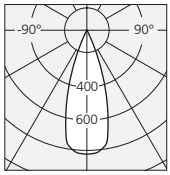
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406439W00	4 LED	8W	298lm	3000K	80	32°	R1
T406439N00	4 LED	8W	298lm	4000K	75	32°	R1
T406439C00	4 LED	8W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

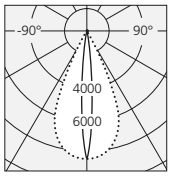
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4064ELW00	4 LED	8W	319lm	3000K	80	6°x45°	R1
T4064ELN00	4 LED	8W	319lm	4000K	75	6°x45°	R1
T4064ELC00	4 LED	8W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

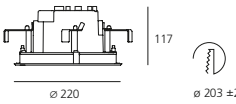
Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°



Naiade 220
downlight
Round aluminium

grey-white RAL9002

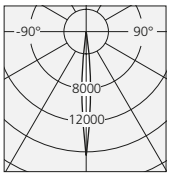
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408710W00	9 LED	16W	353lm	3000K	80	6°	R2
T408710N00	9 LED	16W	353lm	4000K	75	6°	R2
T408710C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



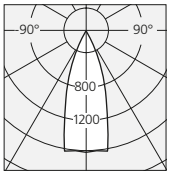
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408739W00	9 LED	16W	1175lm	3000K	80	32°	R1
T408739N00	9 LED	16W	1175lm	4000K	75	32°	R1
T408739C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



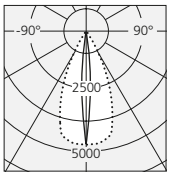
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4087ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4087ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4087ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

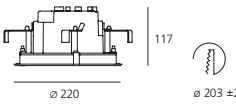
220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°



Naiade 220
downlight
Round steel

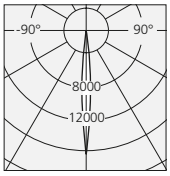
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408610W00	9 LED	16W	353lm	3000K	80	6°	R2
T408610N00	9 LED	16W	353lm	4000K	75	6°	R2
T408610C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



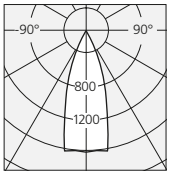
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T408639W00	9 LED	16W	1175lm	3000K	80	32°	R1
T408639N00	9 LED	16W	1175lm	4000K	75	32°	R1
T408639C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



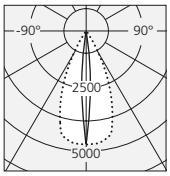
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4086ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4086ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4086ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

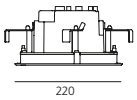
Adjustable beam
+/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

Naiade 220
downlight



Naiade 220
downlight
Square aluminium

grey-white RAL9002

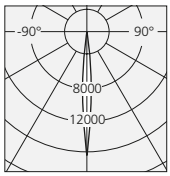
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406710W00	9 LED	16W	353lm	3000K	80	6°	R2
T406710N00	9 LED	16W	353lm	4000K	75	6°	R2
T406710C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



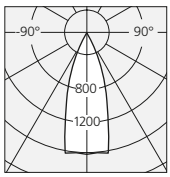
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406739W00	9 LED	16W	1175lm	3000K	80	32°	R1
T406739N00	9 LED	16W	1175lm	4000K	75	32°	R1
T406739C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



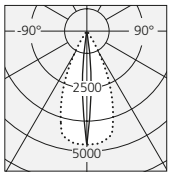
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4067ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4067ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4067ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

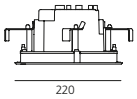
220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°



Naiade 220
downlight
Square steel

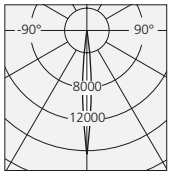
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406610W00	9 LED	16W	353lm	3000K	80	6°	R2
T406610N00	9 LED	16W	353lm	4000K	75	6°	R2
T406610C00	9 LED	16W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



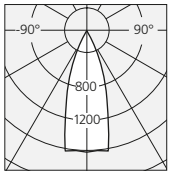
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T406639W00	9 LED	16W	1175lm	3000K	80	32°	R1
T406639N00	9 LED	16W	1175lm	4000K	75	32°	R1
T406639C00	9 LED	16W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam
+/- 15°



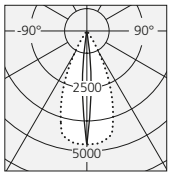
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4066ELW00	9 LED	16W	693lm	3000K	80	6°x45°	R1
T4066ELN00	9 LED	16W	693lm	4000K	75	6°x45°	R1
T4066ELC00	9 LED	16W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

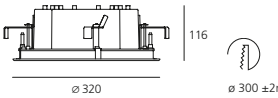
Adjustable beam
+/- 15°



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

Naiade 320
downlight



Naiade 320
downlight
Round aluminium

grey-white RAL9002

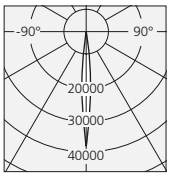
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T409310W00	16 LED	27W	1183lm	3000K	80	6°	R2
T409310N00	16 LED	27W	1183lm	4000K	75	6°	R2
T409310C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



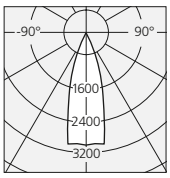
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T409339W00	16 LED	27W	693lm	3000K	80	32°	R1
T409339N00	16 LED	27W	693lm	4000K	75	32°	R1
T409339C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



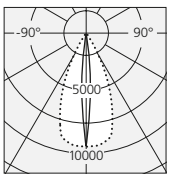
H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4093ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4093ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4093ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

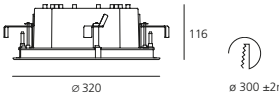
220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

α=6°x45°



Naiade 320
downlight
Round steel

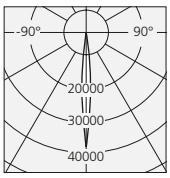
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T409210W00	16 LED	27W	1183lm	3000K	80	6°	R2
T409210N00	16 LED	27W	1183lm	4000K	75	6°	R2
T409210C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



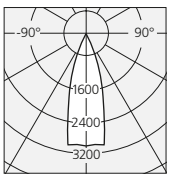
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T409239W00	16 LED	27W	693lm	3000K	80	32°	R1
T409239N00	16 LED	27W	693lm	4000K	80	32°	R1
T409239C00	16 LED	27W	693lm	6000K	80	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



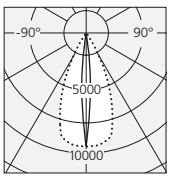
H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4092ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4092ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4092ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

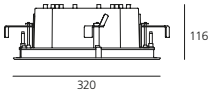
Adjustable beam +/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

α=6°x45°

Naiade 320
downlight



□ 300 ±2mm

Naiade 320
downlight
Square aluminium

○ grey-white RAL9002

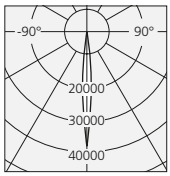
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T407310W00	16 LED	27W	1183lm	3000K	80	6°	R2
T407310N00	16 LED	27W	1183lm	4000K	75	6°	R2
T407310C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

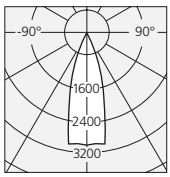
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T407339W00	16 LED	27W	693lm	3000K	80	32°	R1
T407339N00	16 LED	27W	693lm	4000K	75	32°	R1
T407339C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

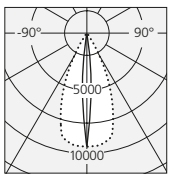
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4073ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4073ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4073ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

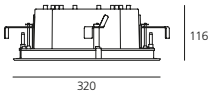
Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

α = 6°x45°



□ 300 ±2mm

Naiade 320
downlight
Square steel

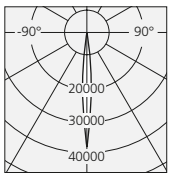
AISI 316L stainless steel ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T407210W00	16 LED	27W	1183lm	3000K	80	6°	R2
T407210N00	16 LED	27W	1183lm	4000K	75	6°	R2
T407210C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

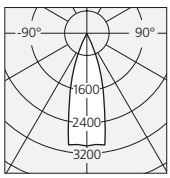
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T407239W00	16 LED	27W	693lm	3000K	80	32°	R1
T407239N00	16 LED	27W	693lm	4000K	75	32°	R1
T407239C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

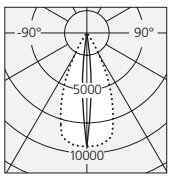
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4072ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4072ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4072ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

α = 6°x45°

Centro Servizi dello Studentato Universitario, Trento - IT
Project: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

Orcamo downlight

Design

Ernesto Gismondi
2011

Orcamo 150
downlight
Round

Orcamo 220
downlight
Round

Orcamo 320
downlight
Round

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- 3 sizes (150, 220, 320 mm).
- Round and square version.
- Composed by body and black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable (H05RN-F 3x1 for version 150, H07RN-F 3x1 for versions 220 and 320), resin-bonded inside the body.
- Electronic ballast integrated in the body.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, suitable for cables with a diameter from 5 to 13.5 mm.
- Adjustable optics.
  PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

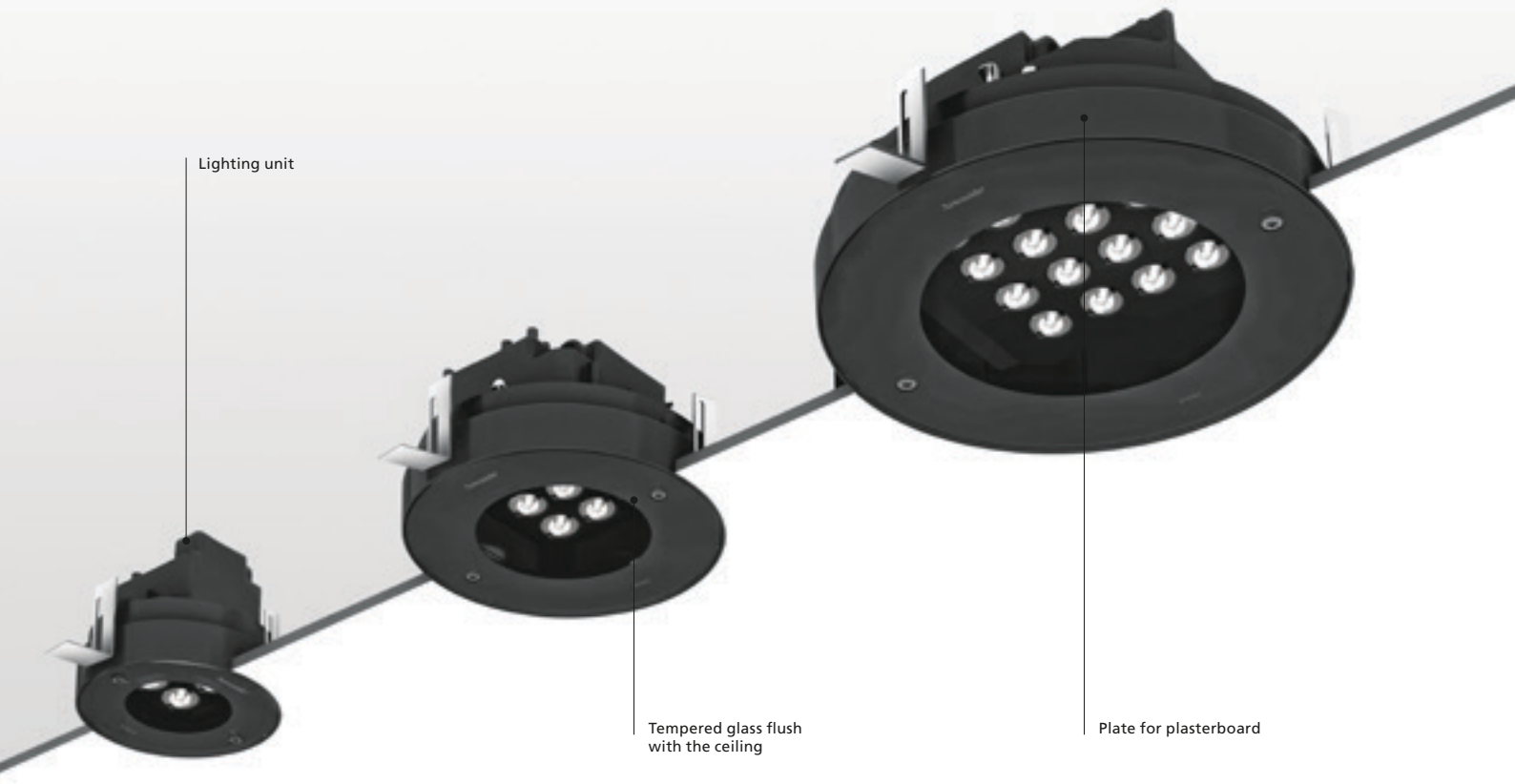
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Circuit operation is assured also in case of damage to one or several LEDs.
- Ceiling mounting plate to be ordered separately.
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Orcamo 320
downlight
Square

Orcamo 220
downlight
Square

Orcamo 150
downlight
Square

Orcamo 150
downlight



Orcamo 150 downlight
recessed depth 126 mm

⌀ 155 ±2 mm □ 155 ±2 mm

Orcamo 220 downlight
recessed depth 125 mm

⌀ 225 ±2 mm □ 225 ±2 mm

Orcamo 320 downlight
recessed depth 124 mm

⌀ 325 ±2 mm □ 325 ±2 mm

Spot optic

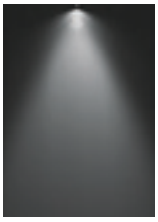
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

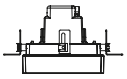
Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.



Orcamo 150
downlight



ø 155 ±2mm

Orcamo 150 downlight Round

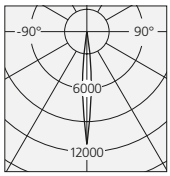
Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T413010W00	4 LED	7,9W	188lm	3000K	80	6°	R2
T413010N00	4 LED	7,9W	188lm	4000K	75	6°	R2
T413010C00	4 LED	7,9W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



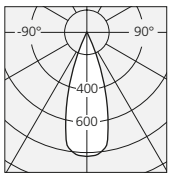
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

T413039W00	4 LED	7,9W	298lm	3000K	80	32°	R1
T413039N00	4 LED	7,9W	298lm	4000K	75	32°	R1
T413039C00	4 LED	7,9W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



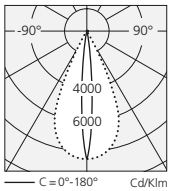
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

T4130ELW00	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
T4130ELN00	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
T4130ELC00	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

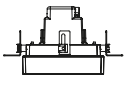
Adjustable beam +/- 15°



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°

T409919	Plate for plasterboard



□ 155 ±2mm

Orcamo 150 downlight Square

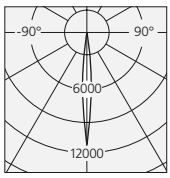
Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T412010W00	4 LED	7,9W	188lm	3000K	80	6°	R2
T412010N00	4 LED	7,9W	188lm	4000K	75	6°	R2
T412010C00	4 LED	7,9W	188lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



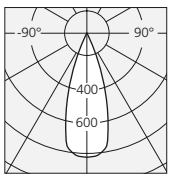
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

T412039W00	4 LED	7,9W	298lm	3000K	80	32°	R1
T412039N00	4 LED	7,9W	298lm	4000K	75	32°	R1
T412039C00	4 LED	7,9W	298lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



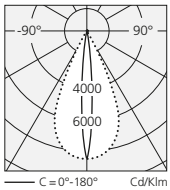
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

T4120ELW00	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
T4120ELN00	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
T4120ELC00	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

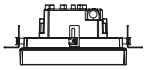
Adjustable beam +/- 15°



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°

T409920	Plate for plasterboard



ø 225 ±2mm

Orcamo 220 downlight Round

Glass thickness 8 mm
Plate for plasterboard supplied separately

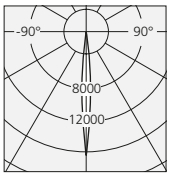
IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T413110W00	9 LED	15,9W	353lm	3000K	80	6°	R2
T413110N00	9 LED	15,9W	353lm	4000K	75	6°	R2
T413110C00	9 LED	15,9W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

Effective power 15,9W



H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

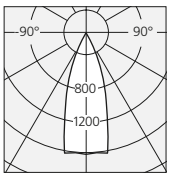
α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T413139W00	9 LED	15,9W	1175lm	3000K	80	32°	R1
T413139N00	9 LED	15,9W	1175lm	4000K	75	32°	R1
T413139C00	9 LED	15,9W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

Effective power 15,9W



H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

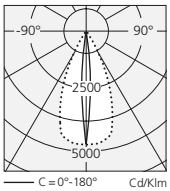
α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4131ELW00	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
T4131ELN00	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
T4131ELC00	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

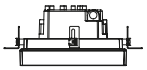
Effective power 15,9W



H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

T409917 Plate for plasterboard



□ 225 ±2mm

Orcamo 220 downlight Square

Glass thickness 8 mm
Plate for plasterboard supplied separately

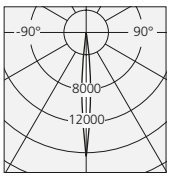
IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T412110W00	9 LED	15,9W	353lm	3000K	80	6°	R2
T412110N00	9 LED	15,9W	353lm	4000K	75	6°	R2
T412110C00	9 LED	15,9W	353lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

Effective power 15,9W



H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

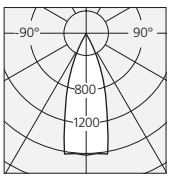
α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T412139W00	9 LED	15,9W	1175lm	3000K	80	32°	R1
T412139N00	9 LED	15,9W	1175lm	4000K	75	32°	R1
T412139C00	9 LED	15,9W	1175lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

Effective power 15,9W



H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

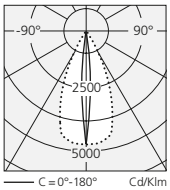
α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T4121ELW00	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
T4121ELN00	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
T4121ELC00	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°

Effective power 15,9W

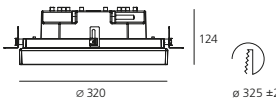


H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

T409918 Plate for plasterboard

Orcamo 320
downlight



Orcamo 320 downlight Round

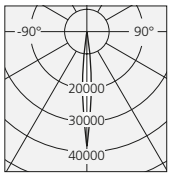
Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T413410W00	16 LED	27W	1183lm	3000K	80	6°	R2
T413410N00	16 LED	27W	1183lm	4000K	75	6°	R2
T413410C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



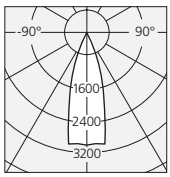
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α=6°

T413439W00	16 LED	27W	693lm	3000K	80	32°	R1
T413439N00	16 LED	27W	693lm	4000K	75	32°	R1
T413439C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



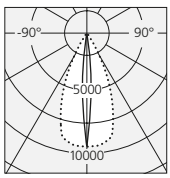
H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α=32°

T4134ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4134ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4134ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

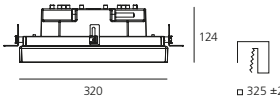
Adjustable beam +/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

α=6°x45°

T409915 Plate for plasterboard



Orcamo 320 downlight Square

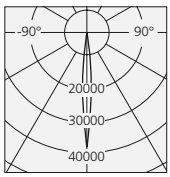
Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
T412410W00	16 LED	27W	1183lm	3000K	80	6°	R2
T412410N00	16 LED	27W	1183lm	4000K	75	6°	R2
T412410C00	16 LED	27W	1183lm	6000K	70	6°	R2

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



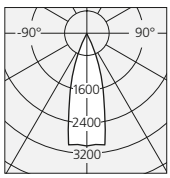
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

α=6°

T412439W00	16 LED	27W	693lm	3000K	80	32°	R1
T412439N00	16 LED	27W	693lm	4000K	75	32°	R1
T412439C00	16 LED	27W	693lm	6000K	70	32°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



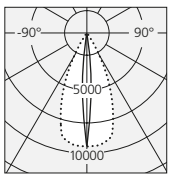
H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

α=32°

T4124ELW00	16 LED	27W	693lm	3000K	80	6°x45°	R1
T4124ELN00	16 LED	27W	693lm	4000K	75	6°x45°	R1
T4124ELC00	16 LED	27W	693lm	6000K	70	6°x45°	R1

220/240Vac 50/60Hz electronic ballast included

Adjustable beam +/- 15°



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

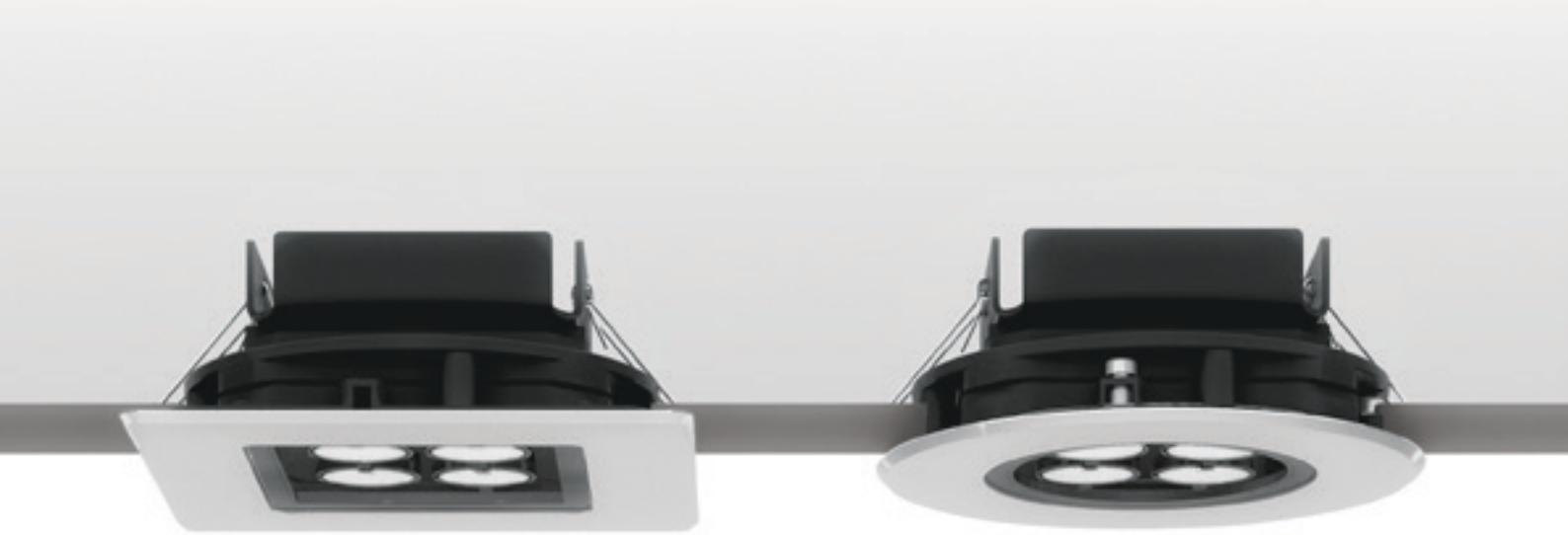
α=6°x45°

T409916 Plate for plasterboard

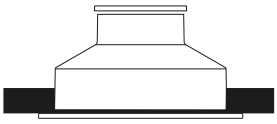
Ego
downlight

Design

Ernesto Gismondi
2011



Ego 55 downlight Round aluminium	Ego 90 downlight Round aluminium	Ego 150 downlight Round aluminium	Ego 220 downlight Round aluminium	Ego 220 downlight Square aluminium	Ego 150 downlight Square aluminium	Ego 90 downlight Square aluminium	Ego 55 downlight Square aluminium
Ego 55 downlight Round steel	Ego 90 downlight Round steel	Ego 150 downlight Round steel	Ego 220 downlight Round steel	Ego 220 downlight Square steel	Ego 150 downlight Square steel	Ego 90 downlight Square steel	Ego 55 downlight Square steel

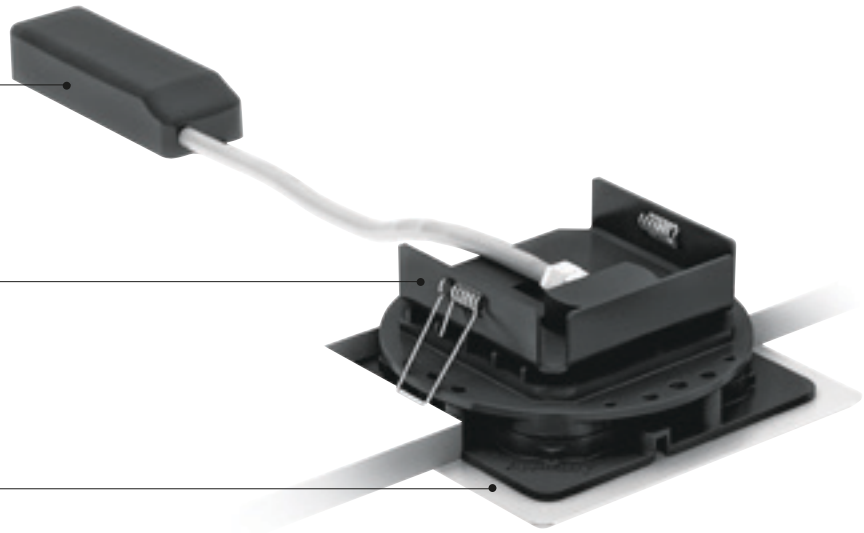


h
60 mm

FLAT

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- Low recessed depth.
- 4 sizes (55, 90, 150, 220 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 50cm-long pre-resined two-pole connection cable H05RN-F.
  Remote electronic ballast.
- Frame in aluminium or stainless steel.
- Springs in Harmonic Steel for fixing to plasterboard ceilings.
- Electrical connection to the mains by means of ballast.
- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- ENEC approved.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Spot optic

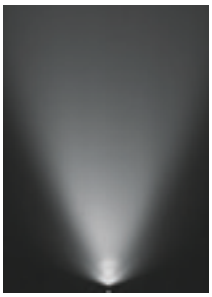
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.



Ego 55
downlight
Round aluminium

grey-white RAL9002

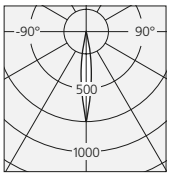
Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200110K002	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4200110W002	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4200110Z002	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



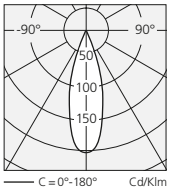
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200139K002	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4200139W002	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4200139Z002	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



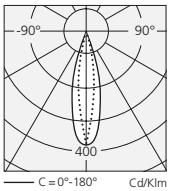
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42001ELK002	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL42001ELW002	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL42001ELZ002	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α = 12°x36°

NL11022	Ballast	6W	350mA	IP67	3 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272

Ego 55
downlight
Round steel

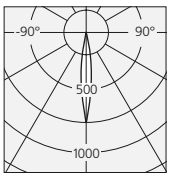
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200910K001	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4200910W001	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4200910Z001	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



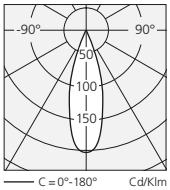
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α = 11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200939K001	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4200939W001	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4200939Z001	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



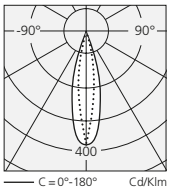
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α = 30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42009ELK001	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL42009ELW001	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
NL42009ELZ001	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

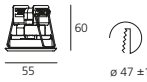


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α = 12°x36°

NL11022	Ballast	6W	350mA	IP67	3 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 55
downlight
Square aluminium

grey-white RAL9002

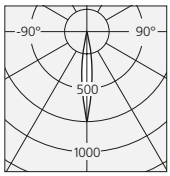
Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200210K002	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4200210W002	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4200210Z002	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



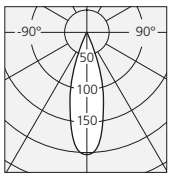
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200239K002	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4200239W002	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4200239Z002	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



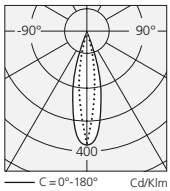
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42002ELK002	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL42002ELW002	1 LED	1,44W	68lm	4000K	80	12°x36°	R1
NL42002ELZ002	1 LED	1,44W	68lm	6000K	80	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

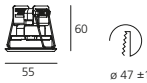


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

NL11022	Ballast	6W	350mA	IP67	3 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 55
downlight
Square steel

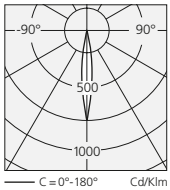
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201010K001	1 LED	1,44W	72lm	3000K	80	11°	R1
NL4201010W001	1 LED	1,44W	72lm	4000K	75	11°	R1
NL4201010Z001	1 LED	1,44W	72lm	6000K	70	11°	R2

350mA electronic ballast supplied separately

Fixed beam



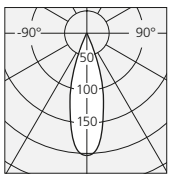
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201039K001	1 LED	1,44W	64lm	3000K	80	30°	R1
NL4201039W001	1 LED	1,44W	64lm	4000K	75	30°	R1
NL4201039Z001	1 LED	1,44W	64lm	6000K	70	30°	R2

350mA electronic ballast supplied separately

Fixed beam



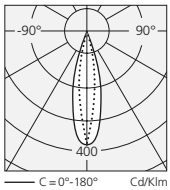
H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α=30°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42010ELK001	1 LED	1,44W	68lm	3000K	80	12°x36°	R1
NL42010ELW001	1 LED	1,44W	68lm	4000K	75	12°x36°	R1
NL42010ELZ001	1 LED	1,44W	68lm	6000K	70	12°x36°	R2

350mA electronic ballast supplied separately

Fixed beam

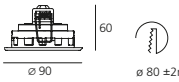


H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

NL11022	Ballast	6W	350mA	IP67	3 max
NL19019	Ballast	11W	350mA	IP67	3 min - 9 max

Ballast details: see page 272



Ego 90
downlight
Round aluminium

grey-white RAL9002

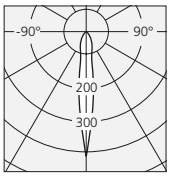
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200310K002	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4200310W002	3 LED	3,7W	95lm	3000K	75	10°	R1
NL4200310Z002	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



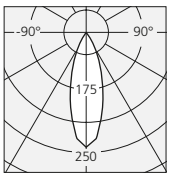
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200339K002	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4200339W002	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4200339Z002	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



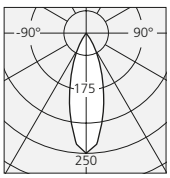
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42003ELK002	3 LED	3,7W	116lm	3000K	80	35°	R1
NL42003ELW002	3 LED	3,7W	116lm	4000K	75	35°	R1
NL42003ELZ002	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam

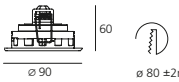


H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

NL11022	Ballast	6W	350mA IP67	1 max	
NL19019	Ballast	11W	350mA IP67	3 max	

Ballast details: see page 272



Ego 90
downlight
Round steel

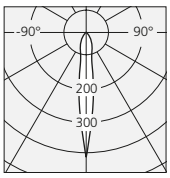
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201110K001	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4201110W001	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4201110Z001	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



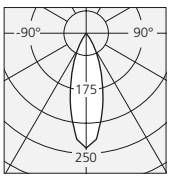
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201139K001	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4201139W001	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4201139Z001	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



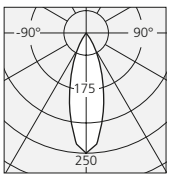
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42011ELK001	3 LED	3,7W	116lm	3000K	80	35°	R1
NL42011ELW001	3 LED	3,7W	116lm	4000K	75	35°	R1
NL42011ELZ001	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

α = 35°

NL11022	Ballast	6W	350mA IP67	1 max	
NL19019	Ballast	11W	350mA IP67	3 max	

Ballast details: see page 272

Ego 90
downlight
Square aluminium

grey-white RAL9002

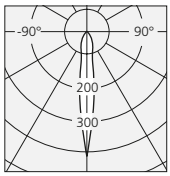
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200410K002	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4200410W002	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4200410Z002	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



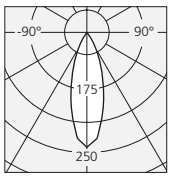
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270°
α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200439K002	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4200439W002	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4200439Z002	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



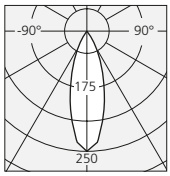
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270°
α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42004ELK002	3 LED	3,7W	116lm	3000K	80	35°	R1
NL42004ELW002	3 LED	3,7W	116lm	4000K	75	35°	R1
NL42004ELZ002	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270°
α = 35°

NL11022	Ballast	6W	350mA IP67	1 max
NL19019	Ballast	11W	350mA IP67	3 max

Ballast details: see page 272

Ego 90
downlight
Square steel

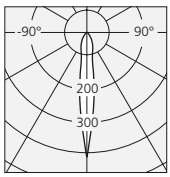
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201210K001	3 LED	3,7W	95lm	3000K	80	10°	R1
NL4201210W001	3 LED	3,7W	95lm	4000K	75	10°	R1
NL4201210Z001	3 LED	3,7W	95lm	6000K	70	10°	R2

350mA electronic ballast supplied separately

Fixed beam



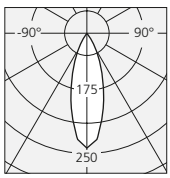
H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270°
α = 10°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201239K001	3 LED	3,7W	105lm	3000K	80	25°	R1
NL4201239W001	3 LED	3,7W	105lm	4000K	75	25°	R1
NL4201239Z001	3 LED	3,7W	105lm	6000K	70	25°	R2

350mA electronic ballast supplied separately

Fixed beam



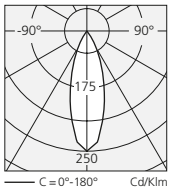
H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270°
α = 25°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42012ELK001	3 LED	3,7W	116lm	3000K	80	35°	R1
NL42012ELW001	3 LED	3,7W	116lm	4000K	75	35°	R1
NL42012ELZ001	3 LED	3,7W	116lm	6000K	70	35°	R2

350mA electronic ballast supplied separately

Fixed beam

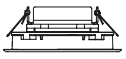


H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270°
α = 35°

NL11022	Ballast	6W	350mA IP67	1 max
NL19019	Ballast	11W	350mA IP67	3 max

Ballast details: see page 272



Ego 150
downlight
Round aluminium

grey-white RAL9002

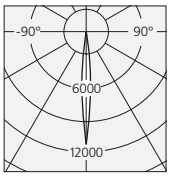
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200510K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4200510W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4200510Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



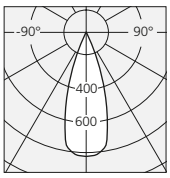
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200539K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4200539W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4200539Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



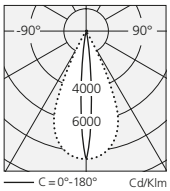
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42005ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42005ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42005ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ego 150
downlight
Round steel

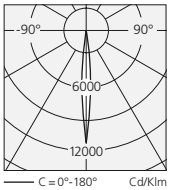
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201310K001	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4201310W001	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4201310Z001	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



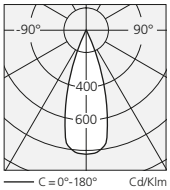
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201339K001	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4201339W001	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4201339Z001	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



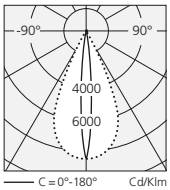
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42013ELK001	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42013ELW001	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42013ENZ001	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α=6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272

Ego 150 downlight Square aluminium

grey-white RAL9002

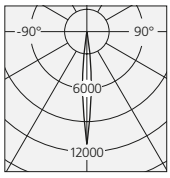
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200610K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4200610W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4200610Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



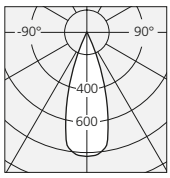
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

Cd/Klm α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200639K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4200639W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4200639Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



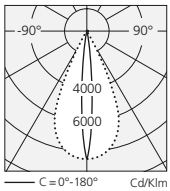
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

Cd/Klm α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42006ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42006ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42006ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

Cd/Klm α=6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ego 150 downlight Square steel

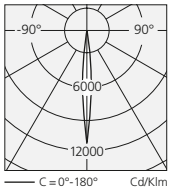
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201410K001	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4201410W001	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4201410Z001	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



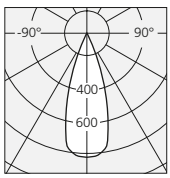
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

Cd/Klm α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201439K001	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4201439W001	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4201439Z001	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



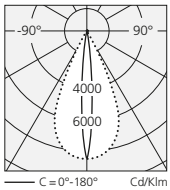
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

Cd/Klm α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42014ELK001	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42014ELW001	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42014ENZ001	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

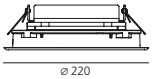


H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

Cd/Klm α=6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272



ø 203 ±2mm

Ego 220
downlight
Round aluminium

grey-white RAL9002

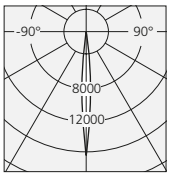
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200710K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4200710W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4200710Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



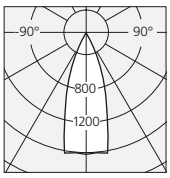
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200739K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4200739W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4200739Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



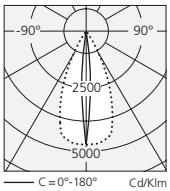
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42007ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42007ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42007ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

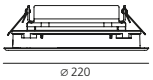


H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

NL19047	Ballast	20W	500mA	IP67	1 max	

Ballast details: see page 272



ø 203 ±2mm

Ego 220
downlight
Round steel

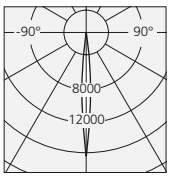
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201510K001	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4201510W001	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4201510Z001	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



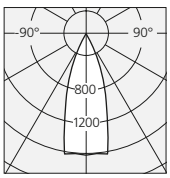
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201539K001	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4201539W001	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4201539Z001	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



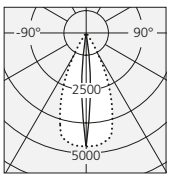
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42015ELK001	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42015ELW001	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42015ELZ001	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

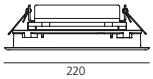


H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

NL19026	Ballast	18W	500mA	IP67	1 max	

Ballast details: see page 272



□ 203 ±2mm

Ego 220
downlight
Square aluminium

○ grey-white RAL9002

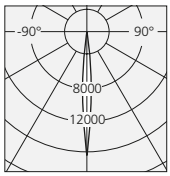
Painted aluminium ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200810K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4200810W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4200810Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



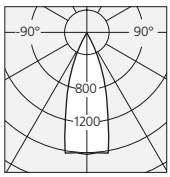
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4200839K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4200839W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4200839Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



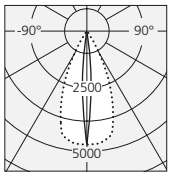
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

C = 0°-180° Cd/Klm
C = 90°-270°
α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42008ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42008ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42008ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°x45°

NL19047	Ballast	20W	500mA	IP67	1 max	

Ballast details: see page 272

□ 203 ±2mm

Ego 220
downlight
Square steel

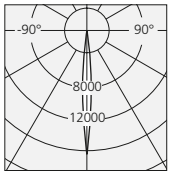
AISI 316L stainless steel ring (3mm)
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201610K001	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4201610W001	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4201610Z001	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



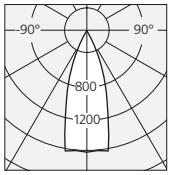
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201639K001	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4201639W001	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4201639Z001	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



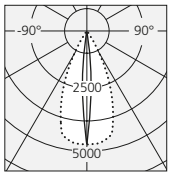
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

C = 0°-180° Cd/Klm
C = 90°-270°
α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42016ELK001	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42016ELW001	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42016ELZ001	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°x45°

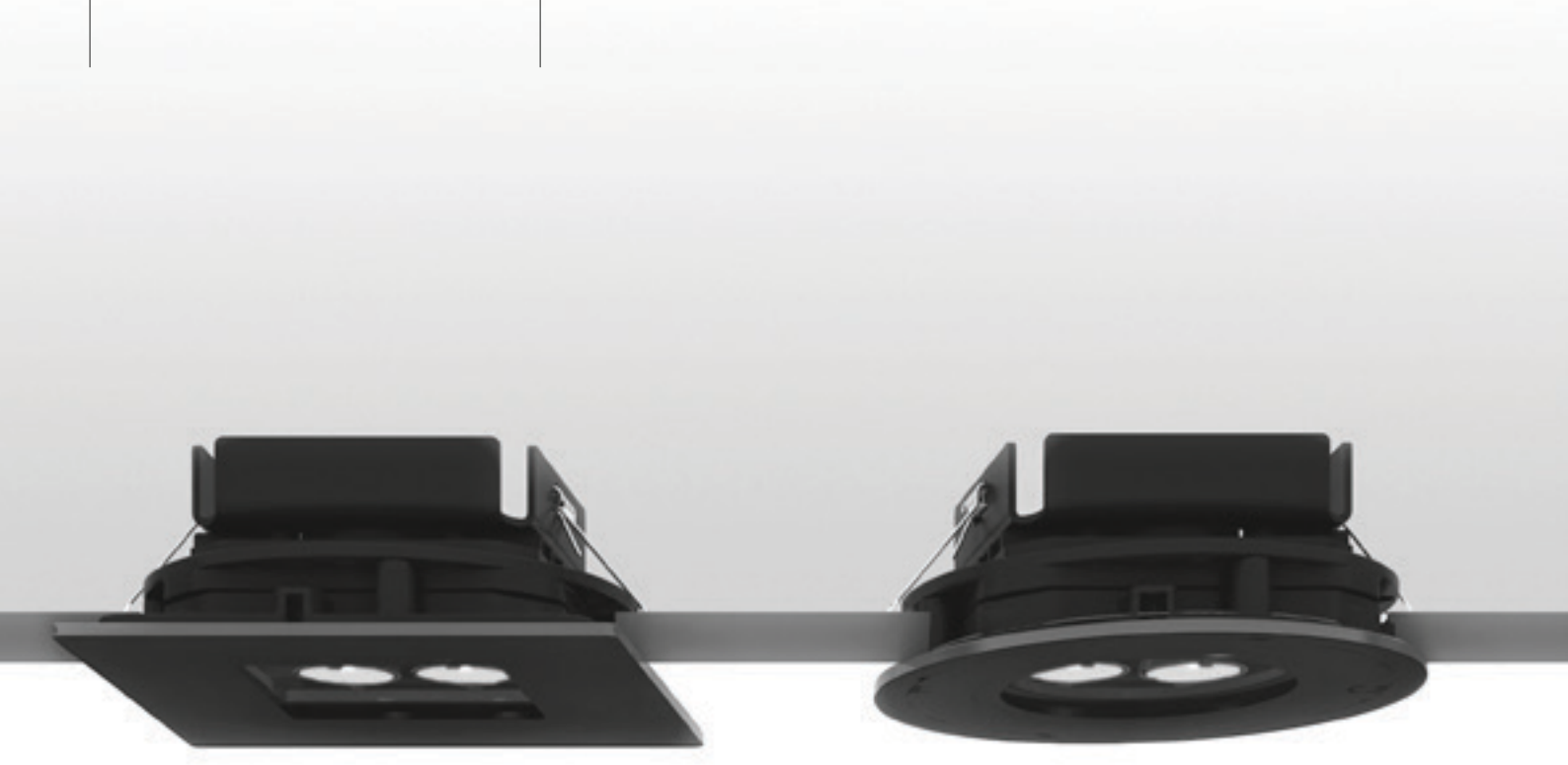
NL19047	Ballast	20W	500mA	IP67	1 max	

Ballast details: see page 272

Ego vetro
downlight

Design

Ernesto Gismondi
2012

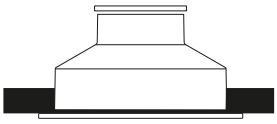


Ego vetro 150
downlight
Round

Ego vetro 220
downlight
Round

Ego vetro 220
downlight
Square

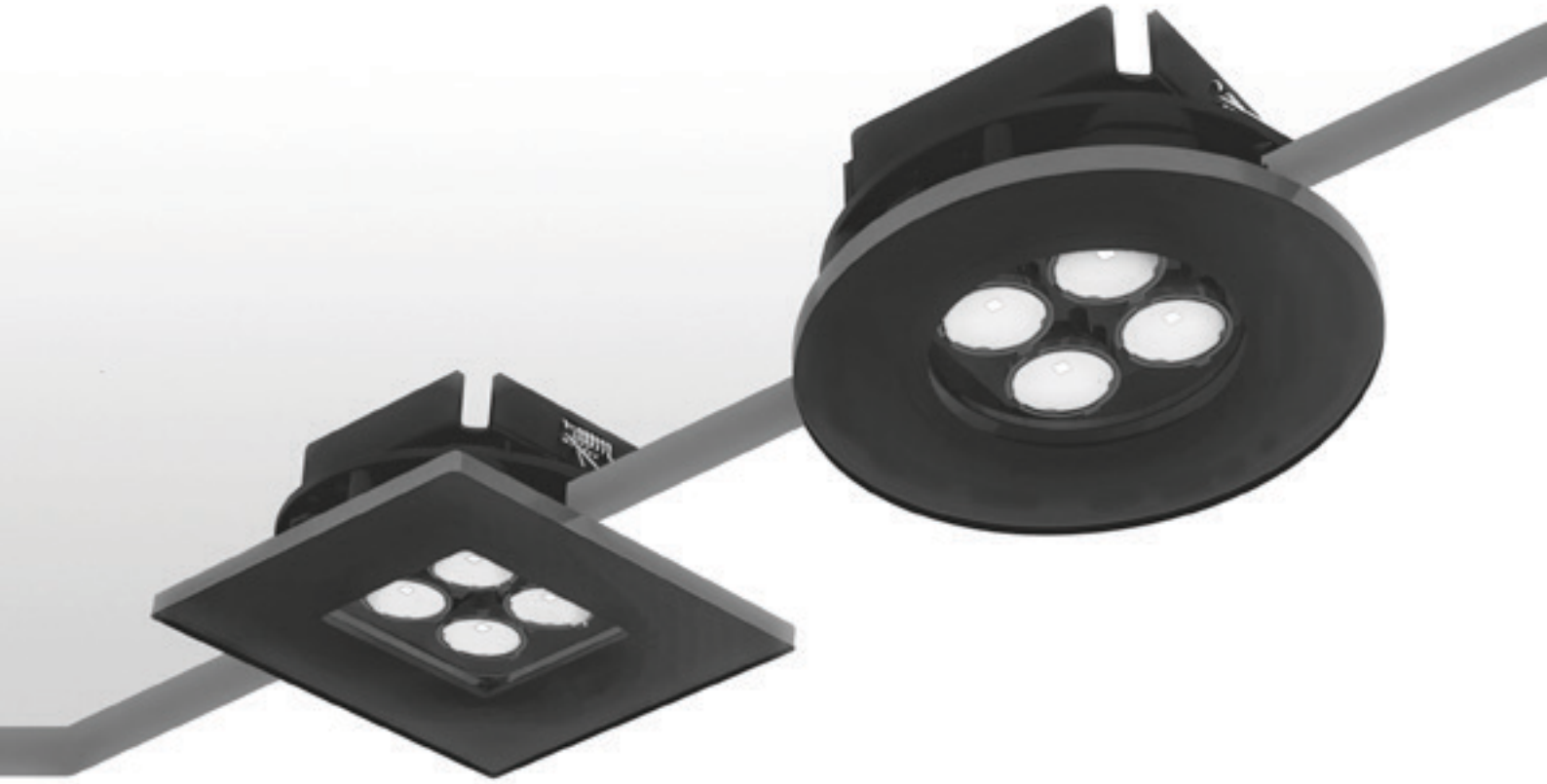
Ego vetro 150
downlight
Square

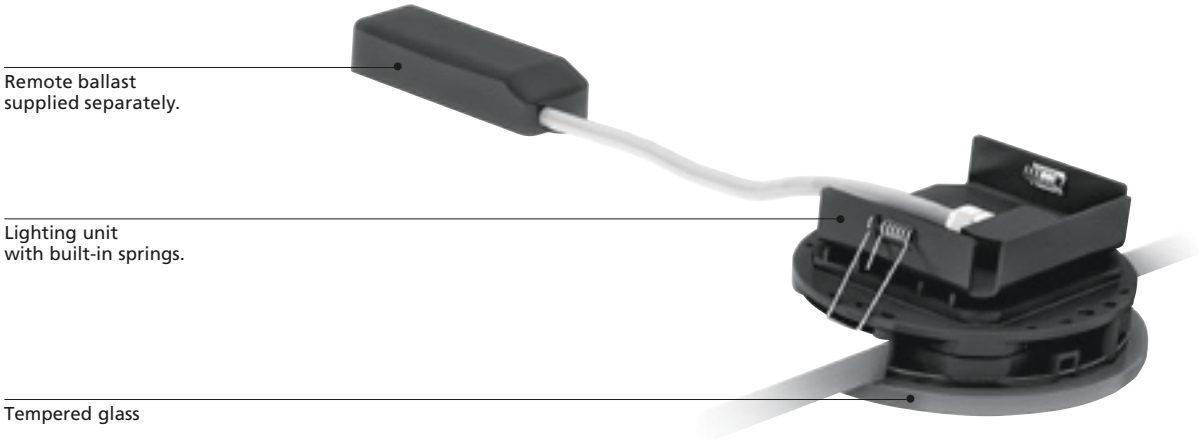


FLAT

h
60 mm

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- 2 sizes (150 e 220 mm).
- Round and square version.
- Composed by body, black silkscreened tempered glass.
- Springs in Harmonic Steel for fixing to plasterboard ceilings.
- Body in die-cast EN AB44100 aluminium, silicone gaskets; provided with 50cm-long pre-resined three-pole connection cable H05RN-F.
- Remote electronic ballast.
- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- ENEC approved.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.





Spot optic

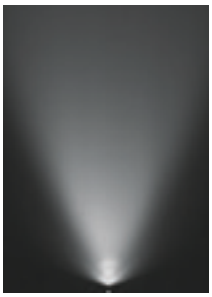
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

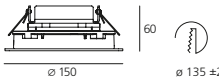
Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.





Ego vetro 150 downlight Round

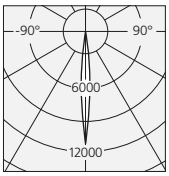
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201710K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4201710W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4201710Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



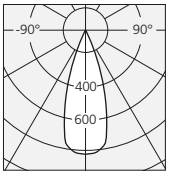
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201739K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4201739W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4201739Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



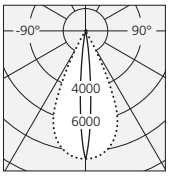
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42017ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42017ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42017ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

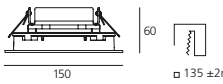


H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α = 6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272



Ego vetro 150 downlight Square

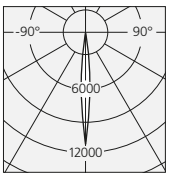
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201810K002	4 LED	7,9W	188lm	3000K	80	6°	R2
NL4201810W002	4 LED	7,9W	188lm	4000K	75	6°	R2
NL4201810Z002	4 LED	7,9W	188lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



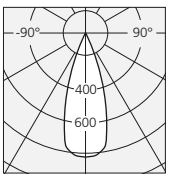
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

α = 6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201839K002	4 LED	7,9W	298lm	3000K	80	32°	R1
NL4201839W002	4 LED	7,9W	298lm	4000K	75	32°	R1
NL4201839Z002	4 LED	7,9W	298lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



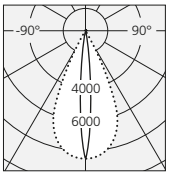
H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

α = 32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42018ELK002	4 LED	7,9W	319lm	3000K	80	6°x45°	R1
NL42018ELW002	4 LED	7,9W	319lm	4000K	75	6°x45°	R1
NL42018ELZ002	4 LED	7,9W	319lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



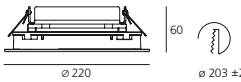
H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

α = 6°x45°

NL19046	Ballast	14W	500mA	IP67	1 max
NL19047	Ballast	20W	500mA	IP67	2 min - 2 max

Ballast details: see page 272

Ego vetro 220
downlight



Ego vetro 220 downlight Round

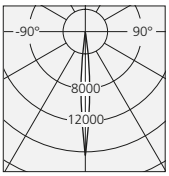
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201910K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4201910W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4201910Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



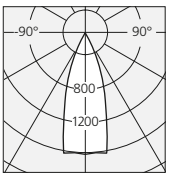
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4201939K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4201939W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4201939Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



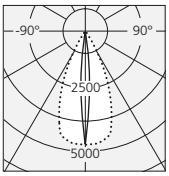
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42019ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42019ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42019ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam

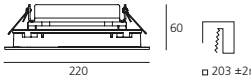


H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

NL19047	Ballast	20W	500mA		IP67	1 max	

Ballast details: see page 272



Ego vetro 220 downlight Square

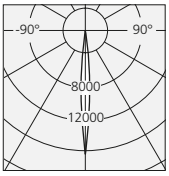
Glass thickness 4 mm
Aluminium secondary frame
Installation with built-in springs

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4202010K002	9 LED	15,9W	353lm	3000K	80	6°	R2
NL4202010W002	9 LED	15,9W	353lm	4000K	75	6°	R2
NL4202010Z002	9 LED	15,9W	353lm	6000K	70	6°	R2

500mA electronic ballast supplied separately

Fixed beam



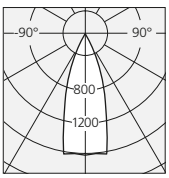
H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

α=6°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL4202039K002	9 LED	15,9W	1175lm	3000K	80	32°	R1
NL4202039W002	9 LED	15,9W	1175lm	4000K	75	32°	R1
NL4202039Z002	9 LED	15,9W	1175lm	6000K	70	32°	R1

500mA electronic ballast supplied separately

Fixed beam



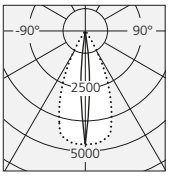
H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG
NL42020ELK002	9 LED	15,9W	693lm	3000K	80	6°x45°	R1
NL42020ELW002	9 LED	15,9W	693lm	4000K	75	6°x45°	R1
NL42020ELZ002	9 LED	15,9W	693lm	6000K	70	6°x45°	R1

500mA electronic ballast supplied separately

Fixed beam



H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

α=6°x45°

NL19047	Ballast	20W	500mA		IP67	1 max	

Ballast details: see page 272

Megara

design

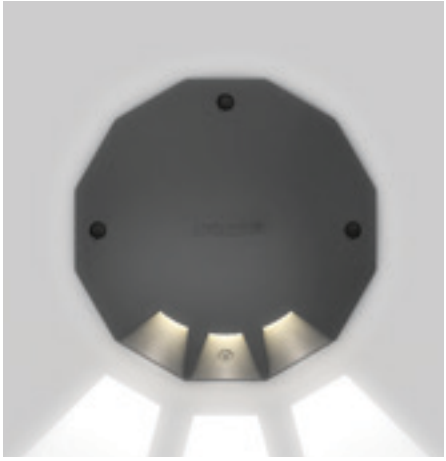
Michele De Lucchi
2011

- Light fixture with high-performance LED light sources.
- Drive-over recessed floor installation with floor-protruding cap. All the versions are drive-over up to 5000Kg. Due to the low height of the cap, Megara 90 is also suitable for installation in walk-over areas, being careful to avoid areas of direct transit (near walls, buildings, etc.)
- 3 sizes (90, 150, 220 mm).
- Composed by body, cap, diffuser, recessing box.
- Body and cap in painted EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable (H07RN-F for versions 90 qnd 150, H05RN-F for version 220).
- Electronic ballast integrated in the body.
- Diffuser in UV resistant polycarbonate.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to13.3 mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Recessing box for laying in reinforced polymer to be ordered separately.
- Radial emission beam optic.
- 1, 2, 4 beam and full configurations.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

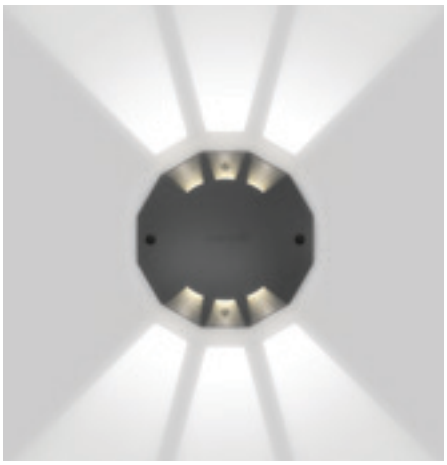
Megara 90 - 1 beam

Megara 150 - 1 beam

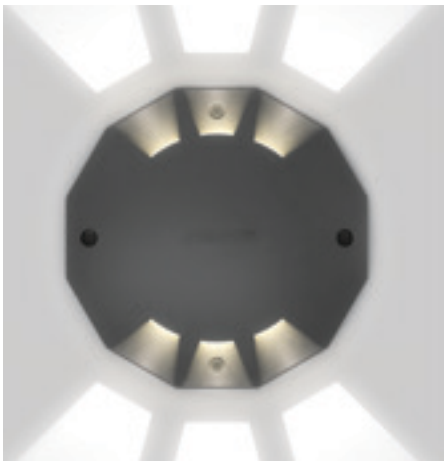


Megara 220 - 1 beam

Megara 90 - 2 beams



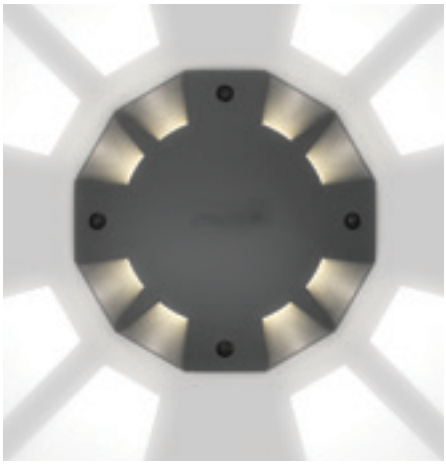
Megara 150 - 2 beams



Megara 220 - 2 beams

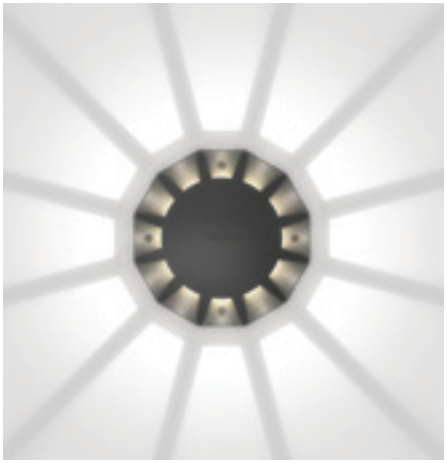
Megara 90 - 4 beams

Megara 150 - 4 beams



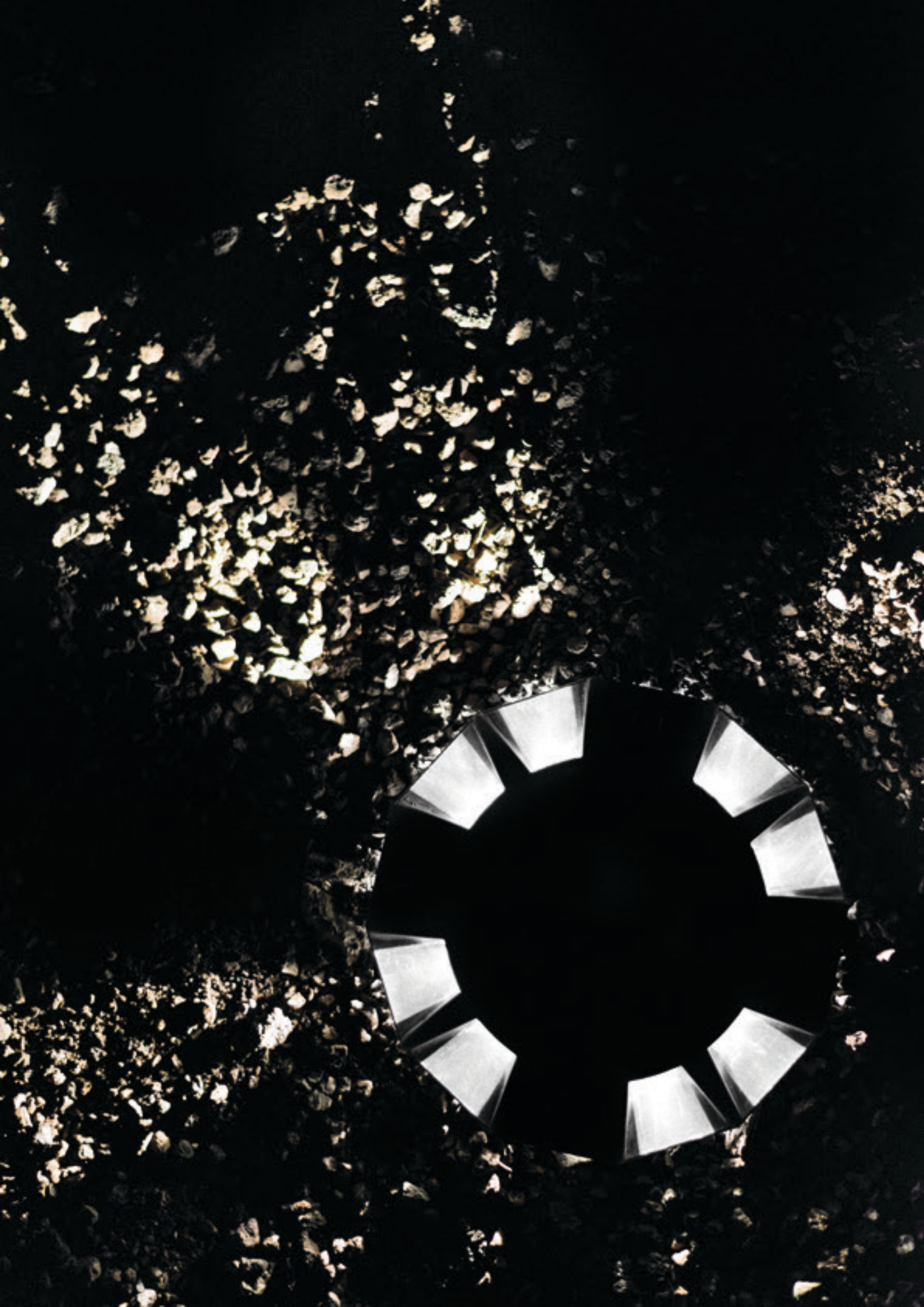
Megara 220 - 4 beams

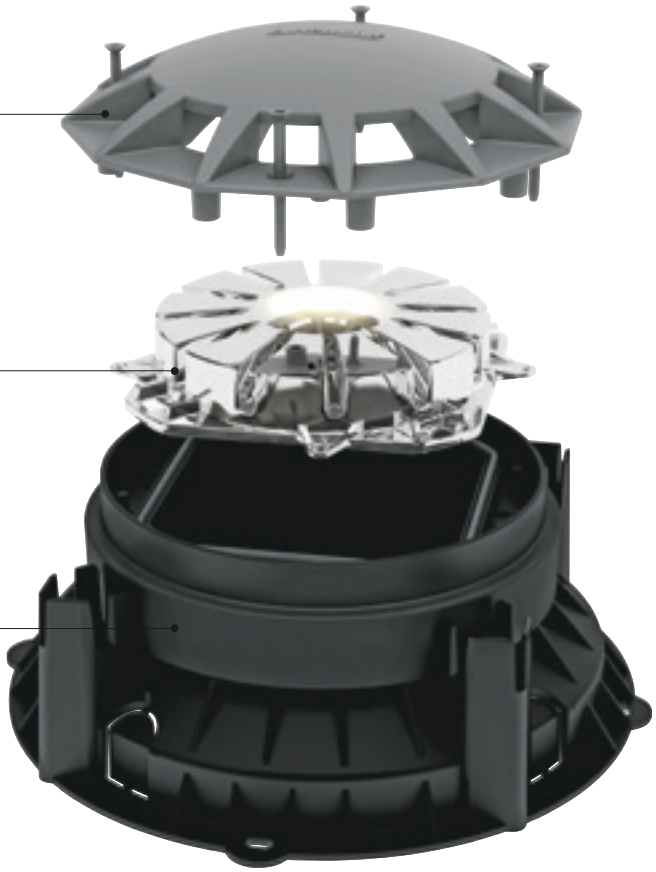
Megara 90 - full



Megara 150 - full

Megara 220 - full





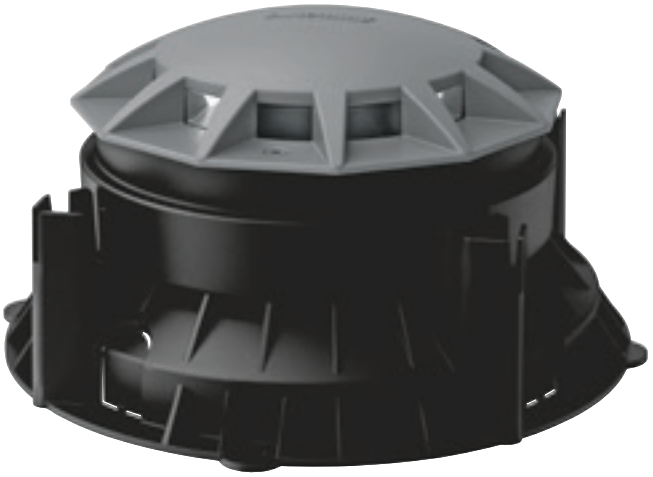
Painted aluminium cap

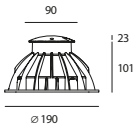
Diffuser in UV resistant polycarbonate

Recessing box in polymer

Recessed depth:

Megara 90	101mm
Megara 150	122mm
Megara 220	118mm





Megara 90 1 Beam

● anthracite grey

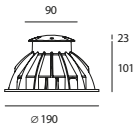
Polycarbonate diffuser
Painted aluminium cap
H=23mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415300W00	1LED	3W	5,4lm	3000K	80
T415300N00	1LED	3W	5,4lm	4000K	75
T415300C00	1LED	3W	5,4lm	6000K	70

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409907	Recessing box



Megara 90 2 beams

● anthracite grey

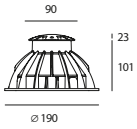
Polycarbonate diffuser
Painted aluminium cap
H=23mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415200W00	1LED	3W	9,3lm	3000K	80
T415200N00	1LED	3W	9,3lm	3000K	80
T415200C00	1LED	3W	9,3lm	3000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409907	Recessing box



Megara 90 4 beams

● anthracite grey

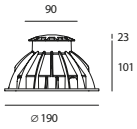
Polycarbonate diffuser
Painted aluminium cap
H=23mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415100W00	1LED	3W	11lm	3000K	80
T415100N00	1LED	3W	11lm	3000K	80
T415100C00	1LED	3W	11lm	3000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409907	Recessing box



Megara 90 full

● anthracite grey

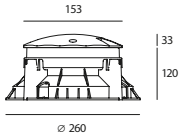
Polycarbonate diffuser
Painted aluminium cap
H=23mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415000W00	1LED	3W	20,7lm	3000K	80
T415000N00	1LED	3W	20,7lm	3000K	80
T415000C00	1LED	3W	20,7lm	3000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409907	Recessing box



Megara 150 1 Beam

● anthracite grey

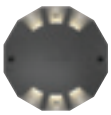
Polycarbonate diffuser
Painted aluminium cap
H=33mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

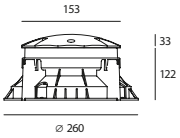
IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415700W00	1LED	4W	9,8lm	3000K	80
T415700N00	1LED	4W	9,8lm	4000K	75
T415700C00	1LED	4W	9,8lm	6000K	70

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409905	Recessing box





Megara 150 2 beams

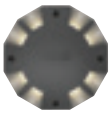
● anthracite grey

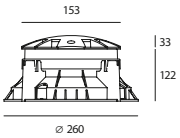
Polycarbonate diffuser
Painted aluminium cap
H=33mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately**IP**65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	RG
T415600W00	1LED	4W	17lm	3000K	80	0
T415600N00	1LED	4W	17lm	4000K	75	0
T415600C00	1LED	4W	17lm	6000K	70	0

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409905	Recessing box





Megara 150 4 beams

● anthracite grey

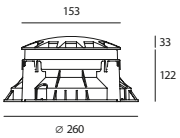
Polycarbonate diffuser
Painted aluminium cap
H=33mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	RG
T415500W00	1LED	4W	23lm	3000K	80	0
T415500N00	1LED	4W	23lm	4000K	75	0
T415500C00	1LED	4W	23lm	6000K	70	0

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409905	Recessing box



Megara 150 full

● anthracite grey

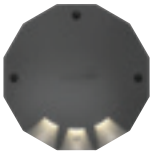
Polycarbonate diffuser
Painted aluminium cap
H=33mm
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

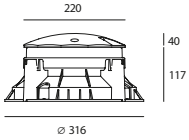
IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI	RG
T415400W00	1LED	4W	34,8lm	3000K	80	0
T415400N00	1LED	4W	34,8lm	4000K	75	0
T415400C00	1LED	4W	34,8lm	6000K	70	0

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409905	Recessing box





Megara 220 1 Beam

● anthracite grey

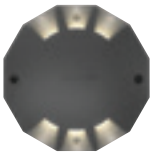
Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

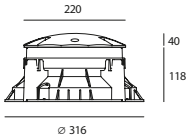
IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T416100W00	1LED	9W	8lm	3000K	82
T416100N00	1LED	9W	8lm	4000K	80
T416100C00	1LED	9W	8lm	6000K	75

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409903	Recessing box





Megara 220 2 beams

● anthracite grey

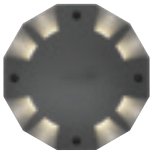
Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

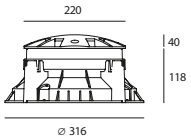
IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T416000W00	1LED	9W	15,2lm	3000K	82
T416000N00	1LED	9W	15,2lm	4000K	80
T416000C00	1LED	9W	15,2lm	6000K	75

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409903	Recessing box





Megara 220 4 beams

● anthracite grey

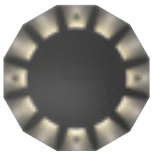
Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

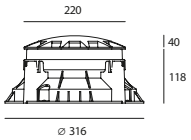
IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415900W00	1LED	9W	20,2lm	3000K	82
T415900N00	1LED	9W	20,2lm	4000K	80
T415900C00	1LED	9W	20,2lm	6000K	75

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409903	Recessing box





Megara 220 full

● anthracite grey

Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
T cap 35°C
Recessing box supplied separately

IP65/67 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T415800W00	1LED	9W	28,9lm	3000K	82
T415800N00	1LED	9W	28,9lm	4000K	80
T415800C00	1LED	9W	28,9lm	6000K	75

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409903	Recessing box

Faci
Faci vetro

design

Ernesto Gismondi
2012

Series of wall built-in fixtures, with frame or wall flush glass, in three sizes.

Mechanical solutions
The minimum recess depth (75mm including the recessing box) allows installation even in walls with minimum depth.
High level of shock resistance (IK10).
The use of nylon reinforced with fibre glass for the body ensures high mechanical sturdiness and optimum resistance to corrosion.
The cromed zamak frame is resistant to saline attack.

Optical performances
The reflector in optic aluminium with high coefficient of reflection has been designed to ensure the maximum light efficiency avoiding any dazzle.
Floor lighting starts a few centimetres from the wall where the fixture is installed.
There are no shadows or light breaks.

Installation and maintenance
Easy assembly with two anti-vandal screws for the version with frame and with spring for the glass flush version.
Minimum maintenance with smooth surfaces and without internal recesses.

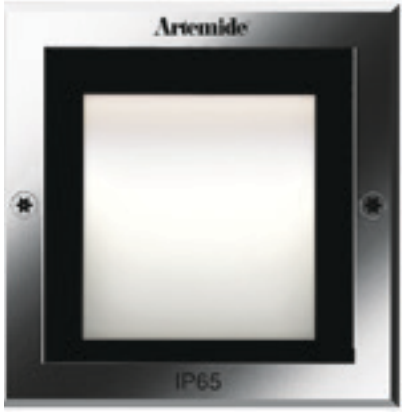
Recessed hole

Recessing box in reinforced polymer

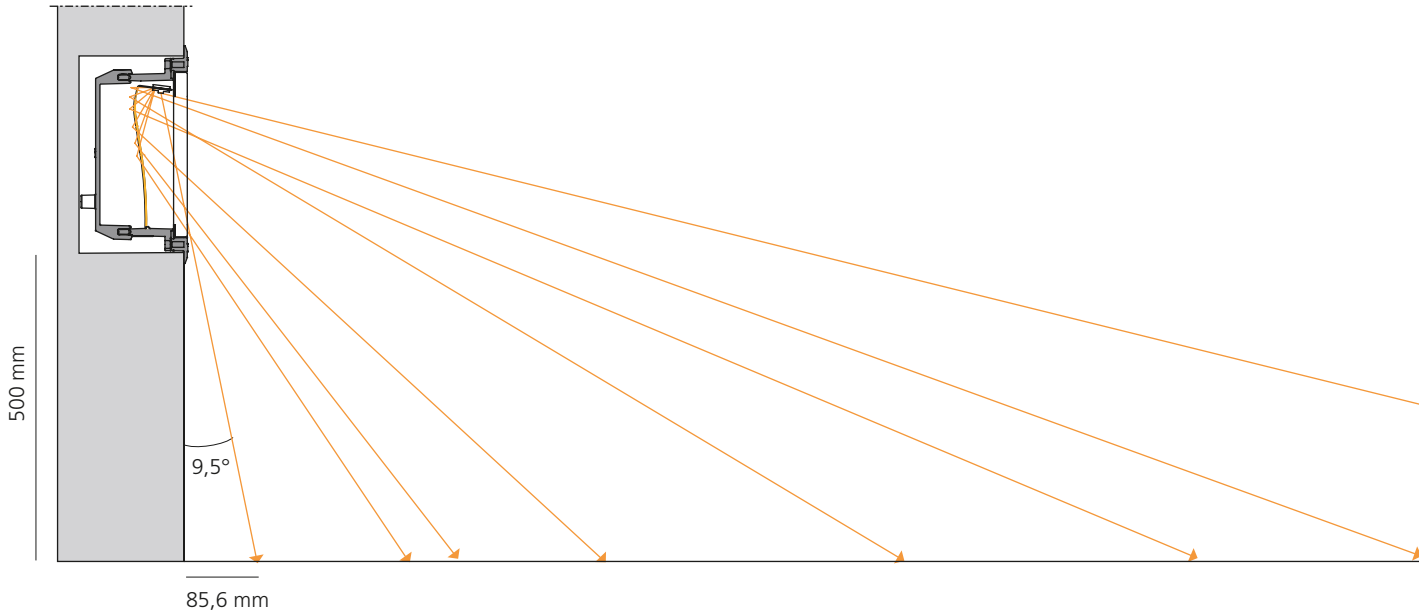
Body in nylon reinforced with fibre glass

Reflector in optic aluminium with high coefficient of reflection + strip LED

Tempered glass and cromed zamak frame


Artemide
IP65

Artemide
IP65


500 mm
9,5°
85,6 mm

Faci

design

Ernesto Gismondi
2012

- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- 3 sizes (120, 240 and 360mm length).
- Composed by lamp body and recessing box.
- Body in high-resistance reinforced polymer. The lamp body is snap-fitted into the recessing box, then it is fixed by means of two anti-vandal screws Torx. This product is suitable for areas at risk of vandalism.
- Aluminium reflector conveying and diffusing the light flow downwards ensuring an even floor lighting and visual comfort without glare.
- Diffuser in 8mm-thick silkscreened tempered glass ensuring higher vandal-proof resistance.
- Front frame in chromed zamac.
- Recessing box for laying in reinforced polymer, with low depth, can be ordered separately.
- Wiring inside the lamp body with IP65 grommet suitable for cables with a diameter of 8-12mm for the connection to the mains.
- AISI 316 setscrews and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

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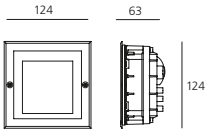


Faci 12

polished

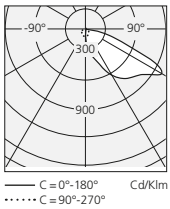
Chromed zamac front frame (2mm)
Glass thickness 8 mm
Ballast included

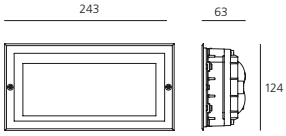
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417400W00	6 LED	3W	72lm	3000K	80
T417400N00	6 LED	3W	72lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409921 Recessing box 135x137x75 mm





Faci 24

polished

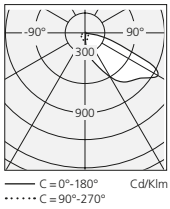
Chromed zamac front frame (2mm)
Glass thickness 8 mm
Ballast included
Recessing box supplied separately

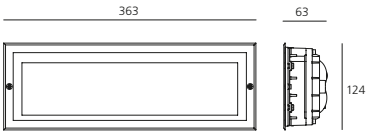
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417600W00	14 LED	5,5W	216lm	3000K	80
T417600N00	14 LED	5,5W	216lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409922 Recessing box 256x137x75 mm





Faci 36

polished

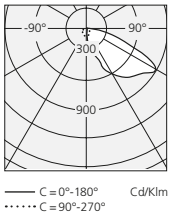
Chromed zamac front frame (2mm)
Glass thickness 8 mm
Ballast included
Recessing box supplied separately

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417800W00	21 LED	9,W	303lm	3000K	80
T417800N00	21 LED	9,W	303lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409923 Recessing box 376x137x75 mm



Recessed hole

Faci 12
160 x 160 x 80 mm

Faci 24
280 x 160 x 80 mm

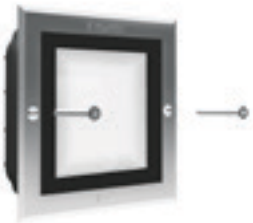
Faci 36
400 x 160 x 80 mm

Recessing box

Faci 12
135 x 137 x 75 mm

Faci 24
256 x 137 x 75 mm

Faci 36
376 x 137 x 75 mm



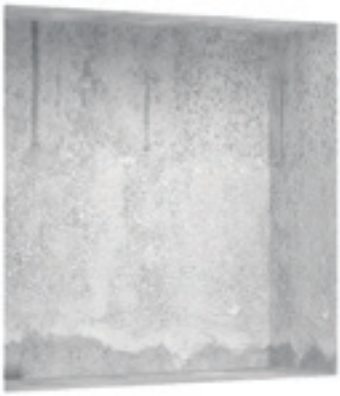
Lighting unit

Faci vetro

design

Ernesto Gismondi
2012

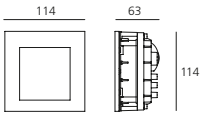
- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- 3 sizes (120, 240 and 360mm length).
- Composed by lamp body and recessing box.
- Body in high-resistance reinforced polymer. The lamp body is snap-fitted into the recessing box, so the final product has no visible screws and the glass is flush with the wall.
- Aluminium reflector conveying and diffusing the light flow downwards ensuring an even floor lighting and visual comfort without glare.
- Diffuser in 6mm-thick silkscreened tempered glass.
- Recessing box for laying in reinforced polymer, with low depth, can be ordered separately.
- Wiring inside the lamp body with IP65 grommet suitable for cables with a diameter of 8-12mm for the connection to the mains.
- AISI 316 setscrews and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Recessed hole
Faci 12
160 x 160 x 80 mm
Faci 24
280 x 160 x 80 mm
Faci 36
400 x 160 x 80 mm

Recessing box
Faci 12
135 x 137 x 75 mm
Faci 24
256 x 137 x 75 mm
Faci 36
376 x 137 x 75 mm

Lighting unit



Faci vetro 12

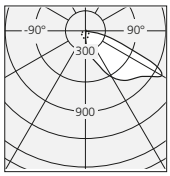
Glass thickness 6 mm
Ballast included
Recessing box supplied separately

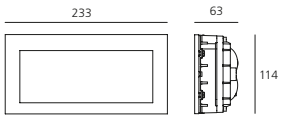
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417500W00	6 LED	3W	72lm	3000K	80
T417500N00	6 LED	3W	72lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409921 Recessing box 135x137x75 mm





Faci vetro 24

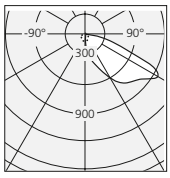
Glass thickness 6 mm
Ballast included
Recessing box supplied separately

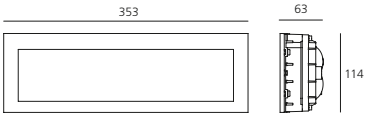
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417700W00	14 LED	5,5W	216lm	3000K	80
T417700N00	14 LED	5,5W	216lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409922 Recessing box 256x137x75 mm





Faci vetro 36

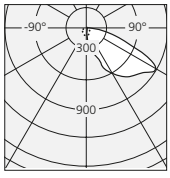
Glass thickness 6 mm
Ballast included
Recessing box supplied separately

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI
T417900NW0	21 LED	9W	303lm	3000K	80
T417900N00	21 LED	9W	303lm	4000K	80

220/240Vac 50/60Hz electronic ballast 50/60Hz included

T409923 Recessing box 376x137x75 mm



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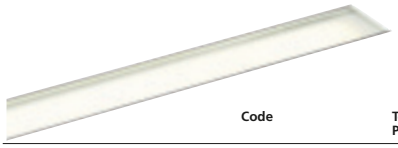
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

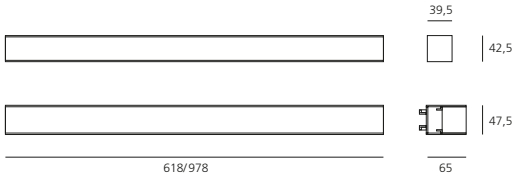
LineaLed

Design

Carlotta de Bevilacqua
2010

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Walk over and drive over approved up to 5000Kg.
- Monochromatic or RGB light.
- Composed of body, diffuser, recessing box, closing end caps, junctions.
- Body in extruded EN AW6060 T5 aluminum.
- Opal non-slippery tempered glass 8mm-thick.
- Glass surface temperature lower than 35°.
- Profile end caps in injection-mould polycarbonate with silicone gasket.
- Recessing box for laying in stainless steel AISI 304.
- Recessing box end caps and junction in stainless steel AISI 304.
- Electrical connection to the ballast by means of a two-pole cable H05RN-F,
  with IP68 quick-release terminal block which is supplied with the fixture
  and can be housed in the recessing box.
- 24Vdc remote ballast.
- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with Full Colour RGB LEDs.
- IP Rating IP67.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.





LineaLed

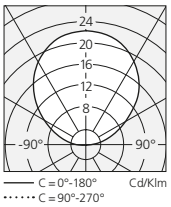
Aluminium

Static load 5000 Kg
Recessing box supplied separately
Profile in extruded aluminium
Diffuser in 8mm-thick non-slip extra-light tempered silkscreened glass
T glass 31°
Recessing box in INOX 304 steel supplied separately

IP67

Code	Total Power	Flux	CCT	CRI	
NL7398VSK0	5W	270lm	3000K	80	L=618mm
NL7398VSW0	5W	300lm	4000K	80	L=618mm
NL7419VSK0	8W	432lm	3000K	80	L=978mm
NL7419VSW0	8W	480lm	4000K	80	L=978mm

24Vdc power sully



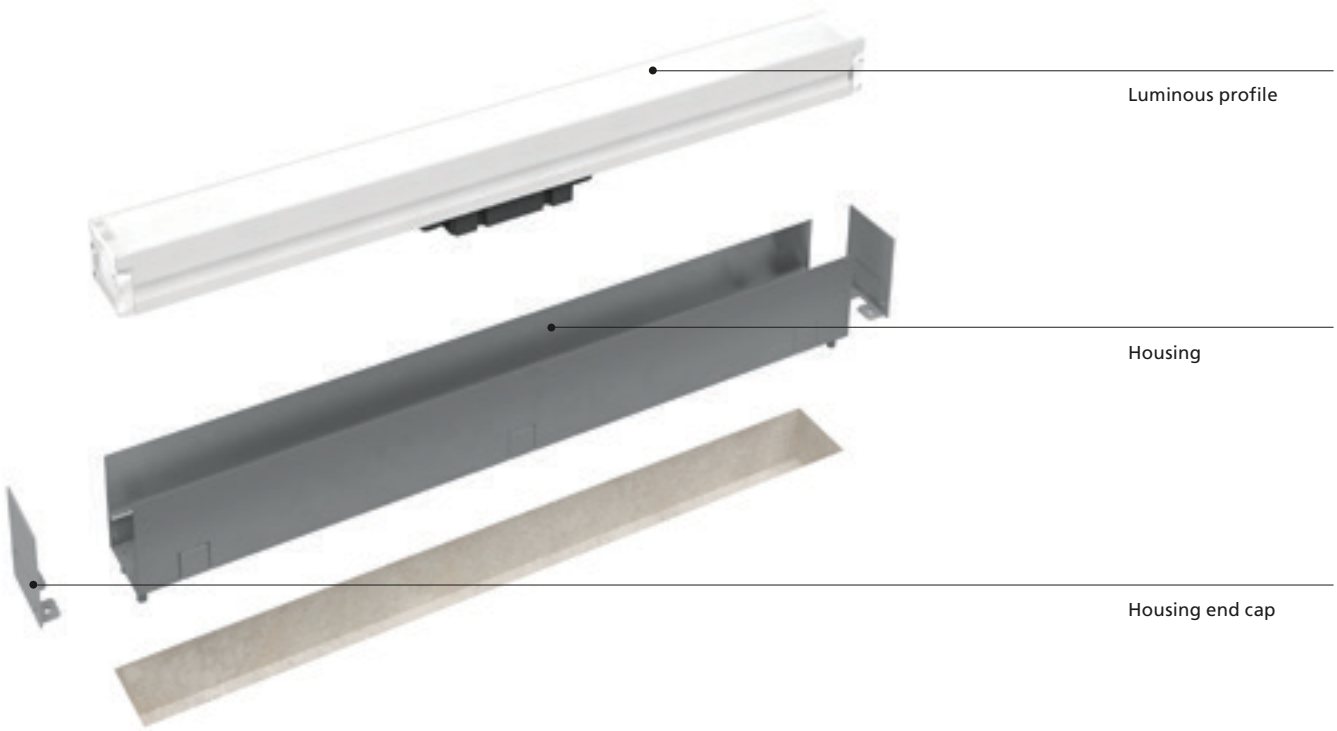
NL62040	Ballast 40W 24 Vdc
NL89080	Ballast 70W 24 Vdc
NL62880	Ballast 150W 24 Vdc

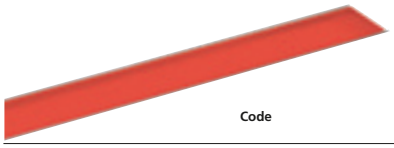
Maximum linear length of a series of products with one feeding line: 6m. For lines oif length exceeding 6m, provide multiple feeding lines.

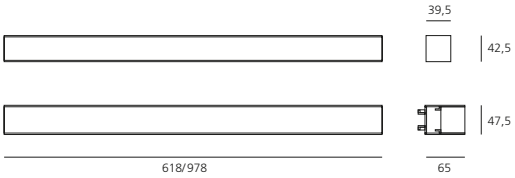
LineaLed 618	LineaLed 978
6	4
12	7
16	10

maximum n° of fixtures per ballast.

NL76670	Housing	L=622mm
NL76680	Housing	L=982mm
NL75810	Continuity joint - 80 x 50 x 1,5mm	
NL74890	Housing end cap (pair) - 46,5 x 62,5 x1,5mm	
NL19052	Power feed connector & connector end cap	







LineaLed RGB

Aluminium

Static load 5000 Kg
Recessing box supplied separately
Profile in extruded aluminium
Diffuser in 8mm-thick non-slip extra-light tempered silkscreened glass
Recessing box in INOX 304 steel supplied separately

IP67

16,7 M

Code	Total Power		
NL76480	7,2W	RGB	L=618mm
NL76490	12W	RGB	L=978mm

24Vdc power sully

		LineaLed 618	LineaLed 978
NL81260	LED driver NLX 2-70 IP65 70W 24Vdc PWM	8	5
NL84100	LED driver NLX 2-70 IP65 70W 24Vdc PWM	12	7

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

Maximum n° of fixtures per LED driver

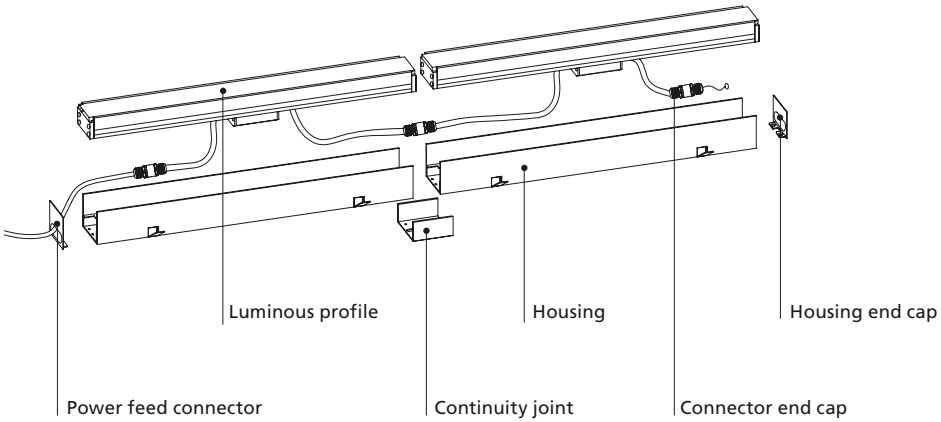
NL19030	DSC 30 interfaccia USB - DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

Connecting diagram see pag. 274

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

NL76670	Housing	L=622mm
NL76680	Housing	L=982mm
NL75810	Continuity joint - 80 x 50 x 1,5mm	
NL74890	Housing end cap (pair) - 46,5 x 62,5 x1,5mm	
NL19052	Power feed connector & connector end cap	



Twirl, Università Statale di Milano, Milan - IT , Project: Zaha Hadid

LineaLed Wallwasher

Design

Carlotta de Bevilacqua
2011

LineaLed Wallwasher

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Walk over and drive over approved up to 5000Kg.
- Composed of body, diffuser, recessing box, closing end caps, junctions.
- Body in extruded EN AW6060 T5 aluminum.
- Transparent non-slippery tempered glass 8mm-thick.
- Profile end caps in injection-mould polycarbonate with silicone gasket.
- Recessing box for laying in stainless steel AISI 304.
- Recessing box end caps and junction in stainless steel AISI 304.
- Electrical connection to the ballast by means of a two-pole cable H05RN-F, with IP68 quick-release terminal block which is supplied with the fixture and can be housed in the recessing box.
- 24Vdc remote ballast.
- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP67.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

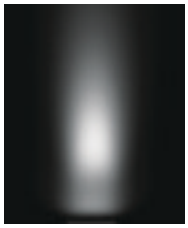
LineaLed Wallwasher adjustable

- Light fixture with high-performance LED light sources.
- Wall or ceiling installation.
- Composed by body in extruded aluminium, protection glass, adjustable brackets.
- Body in extruded EN AW6060 T5 aluminium.
- Transparent, non-slip tempered glass 8mm-thick.
- Glass surface temperature lower than 50°.
- Adjustment brackets in die-cast aluminium.
- Electrical connection to the ballast by means of two-pole cable H05RN-F, with IP68 terminal board supplied with the fixture.
- Polycarbonate end caps with silicone gasket.
- 24Vdc remote ballast.
- Painted profile and brackets with 2-stage outdoor treatment: primer, outdoor paint.
- Optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

10° optic



Medium optic

Medium luminous flux to highlight details, large sections of windows..

25° optic

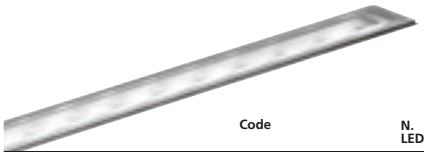
Wall Washer optic

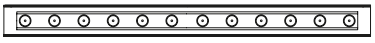
Elliptical distribution of the luminous flow suitable for wall washer effect.

14°x34° optic

Chiesa di Capalbio Scalo, Capalbio - IT

Palazzo Via Manzoni, Milan - IT, Project: Studio Pi vato SAS, arch. Cristina Pivato





47,5

300/500/780/978

65

LineaLed Wallwasher

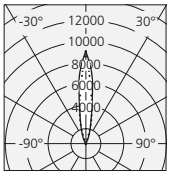
silver grey

Profile in extruded aluminium
Diffuser in 8mm-thick non-slip extra-light tempered silkscreened glass
T glass 50°

IP65/67 **IK**07

Code	N. LED	Total Power	Flux	CCT	CRI	Beam	
NL1732010K0	6LED	8,4W	444lm	3000K	80	10°	L= 300mm
NL1732010W0	6LED	8,4W	480lm	4000K	80	10°	L= 300mm
NL1732110K0	12LED	16,8W	888lm	3000K	80	10°	L= 500mm
NL1732110W0	12LED	16,8W	960lm	4000K	80	10°	L= 500mm
NL1732210K0	18LED	25,2W	1334lm	3000K	80	10°	L= 780mm
NL1732210W0	18LED	25,2W	1440lm	4000K	80	10°	L= 780mm
NL1732310K0	24LED	33,6W	1776lm	3000K	80	10°	L= 978mm
NL1732310W0	24LED	33,6W	1920lm	4000K	80	10°	L= 978mm

24Vdc power supplied separately

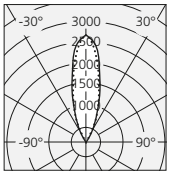


H m	ØC0 m	ØC90 m	E lux
3	0,69	0,89	1098
2,5	0,58	0,72	1582
2	0,46	0,58	2471
1,5	0,35	0,43	4394
1	0,23	0,29	9886
0,5	0,12	0,14	39544

α=10°

NL1732025K0	6LED	8,4W	444lm	3000K	80	25°	L= 300mm
NL1732025W0	6LED	8,4W	480lm	4000K	80	25°	L= 300mm
NL1732125K0	12LED	16,8W	888lm	3000K	80	25°	L= 500mm
NL1732125W0	12LED	16,8W	960lm	4000K	80	25°	L=500mm
NL1732225K0	18LED	25,2W	1334lm	3000K	80	25°	L= 780mm
NL1732225W0	18LED	25,2W	1440lm	4000K	80	25°	L= 780mm
NL1732325K0	24LED	33,6W	1776lm	3000K	80	25°	L= 978mm
NL1732325W0	24LED	33,6W	1920lm	4000K	80	25°	L= 978mm

24Vdc power supplied separately

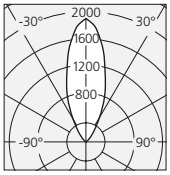


H m	ØC0 m	ØC90 m	E lux
3	1,66	1,66	326
2,5	1,39	1,39	521
2	1,11	1,11	814
1,5	0,83	0,83	1446
1	0,55	0,55	3254
0,5	0,28	0,28	13017

α=25°

NL17320ELK0	6 LED	8,4W	444lm	3000K	80	14°x34°	L= 300mm
NL17320ELW0	6 LED	8,4W	480lm	4000K	80	14°x34°	L= 300mm
NL17321ELK0	12 LED	16,8W	888lm	3000K	80	14°x34°	L= 500mm
NL17321ELW0	12 LED	16,8W	960lm	4000K	80	14°x34°	L= 500mm
NL17322ELK0	18 LED	25,2W	1334lm	3000K	80	14°x34°	L= 780mm
NL17322ELW0	18 LED	25,2W	1440lm	4000K	80	14°x34°	L= 780mm
NL17323ELK0	24 LED	33,6W	1776lm	3000K	80	14°x34°	L= 978mm
NL17323ELW0	24 LED	33,6W	1920lm	4000K	80	14°x34°	L= 978mm

24Vdc power supplied separately



H m	ØC0 m	ØC90 m	E lux
3	2,66	2,66	233
2,5	2,22	2,22	336
2	1,77	1,77	525
1,5	1,33	1,33	933
1	0,89	0,89	2100
0,5	0,44	0,44	8401

α=40°

NL62040	Driver 40W	24 Vdc	IP67
NL89080	Driver 70W	24 Vdc	IP67
NL62880	Driver 150W	24 Vdc	IP67

Maximum linear length of a series of products with one feeding line: 6m. For lines oif length exceeding 6m, provide multiple feeding lines.

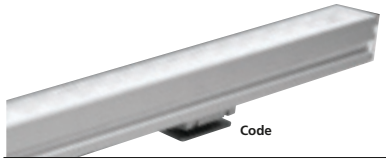
Components needed for dimming are available upon request..

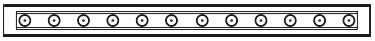
LineaLed 300 mm	LineaLed 500 mm	LineaLed 780 mm	LineaLed 978 mm
4	2	1	1
7	3	2	1
10	5	3	2

maximum n° of fixtures per ballast.

NL17325H0	Housing	L=305mm
NL17326H0	Housing	L=505mm
NL17327H0	Housing	L=785mm
NL76680	Housing	L=983mm

NL75810	Connection bracket for recessed housing
NL74890	1.5mm-thick end caps for recessed housing
NL19052	Power feed connector & connector end cap





300/500/780/978

LineaLed Wallwasher adjustable

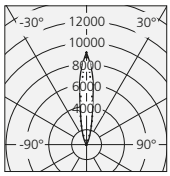
silver grey

Profile in extruded aluminium
Diffuser in 8mm-thick non-slip extra-light tempered silkscreened glass
T glass 50°

IP65/67 **IK**07

Code	N. LED	Total Power	Flux	CCT	CRI	Beam	
NL1733010K0	6LED	8,4W	444lm	3000K	80	10°	L= 300mm
NL1733010W0	6LED	8,4W	480lm	4000K	80	10°	L= 300mm
NL1733110K0	12LED	16,8W	888lm	3000K	80	10°	L= 500mm
NL1733110W0	12LED	16,8W	960lm	4000K	80	10°	L= 500mm
NL1733210K0	18LED	25,2W	1334lm	3000K	80	10°	L= 780mm
NL1733210W0	18LED	25,2W	1440lm	4000K	80	10°	L= 780mm
NL1733310K0	24LED	33,6W	1776lm	3000K	80	10°	L= 978mm
NL1733310W0	24LED	33,6W	1920lm	4000K	80	10°	L= 978mm

24Vdc power supplied separately

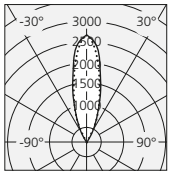


H m	Ø C0 m	Ø C90 m	E lux
3	0,69	0,89	1098
2,5	0,58	0,72	1582
2	0,46	0,58	2471
1,5	0,35	0,43	4394
1	0,23	0,29	9886
0,5	0,12	0,14	39544

α = 10°

NL1733025K0	6LED	8,4W	444lm	3000K	80	25°	L= 300mm
NL1733025W0	6LED	8,4W	480lm	4000K	80	25°	L= 300mm
NL1733125K0	12LED	16,8W	888lm	3000K	80	25°	L= 500mm
NL1733125W0	12LED	16,8W	960lm	4000K	80	25°	L=500mm
NL1733225K0	18LED	25,2W	1334lm	3000K	80	25°	L= 780mm
NL1733225W0	18LED	25,2W	1440lm	4000K	80	25°	L= 780mm
NL1733325K0	24LED	33,6W	1776lm	3000K	80	25°	L= 978mm
NL1733325W0	24LED	33,6W	1920lm	4000K	80	25°	L= 978mm

24Vdc power supplied separately

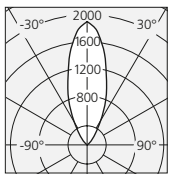


H m	Ø C0 m	Ø C90 m	E lux
3	1,66	1,66	326
2,5	1,39	1,39	521
2	1,11	1,11	814
1,5	0,83	0,83	1446
1	0,55	0,55	3254
0,5	0,28	0,28	13017

α = 25°

NL17330ELK0	6 LED	8,4W	444lm	3000K	80	14°x34°	L= 300mm
NL17330ELW0	6 LED	8,4W	480lm	4000K	80	14°x34°	L= 300mm
NL17331ELK0	12 LED	16,8W	888lm	3000K	80	14°x34°	L= 500mm
NL17331ELW0	12 LED	16,8W	960lm	4000K	80	14°x34°	L= 500mm
NL17332ELK0	18 LED	25,2W	1334lm	3000K	80	14°x34°	L= 780mm
NL17332ELW0	18 LED	25,2W	1440lm	4000K	80	14°x34°	L= 780mm
NL17333ELK0	24 LED	33,6W	1776lm	3000K	80	14°x34°	L= 978mm
NL17333ELW0	24 LED	33,6W	1920lm	4000K	80	14°x34°	L= 978mm

24Vdc power supplied separately



H m	Ø C0 m	Ø C90 m	E lux
3	2,66	2,66	233
2,5	2,22	2,22	336
2	1,77	1,77	525
1,5	1,33	1,33	933
1	0,89	0,89	2100
0,5	0,44	0,44	8401

α = 40°

NL62040	Driver 40W	24 Vdc	IP67
NL89080	Driver 70W	24 Vdc	IP67
NL62880	Driver 150W	24 Vdc	IP67

Components needed for dimming are available upon request.

LineaLed 300 mm	LineaLed 500 mm	LineaLed 780 mm	LineaLed 978 mm
4	2	1	1
7	3	2	1
10	5	5	2

maximum n° of fixtures per ballast.

Spike

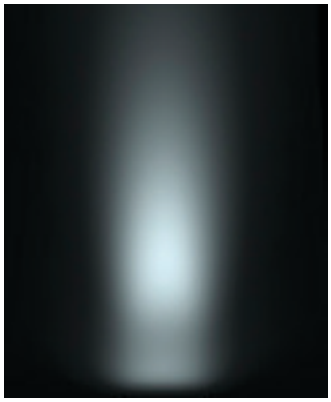
2006

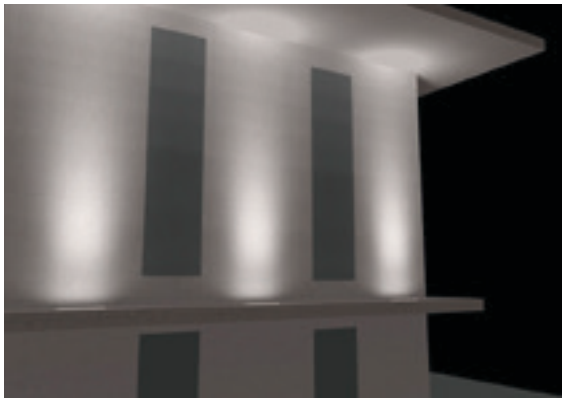
- Light fixture with high-performance LED light sources.
- Wall/ceiling installation.
- Monochromatic version or RGB version.
- Body in extruded EN AW6060 T5 aluminium.
- Diffuser in 3mm-thick transparent tempered glass.
- Diffuser in 1,5mm-thick transparent polycarbonate.
- Stoppers in die-cast aluminium with silicone gasket.
- Adjustable brackets in aluminium.
- Electrical connection to the ballast by means of a H05RN-F (monochrome) or a 4-poles sylicon/rubber cable (RGB), with IP68 terminal board supplied with the fixture (IP65 version).
- 24Vdc remote ballast.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- Antidazzle screen in painted extruded aluminium, upon request.
- Optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

optik 10°

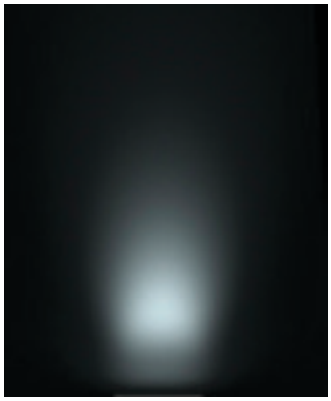


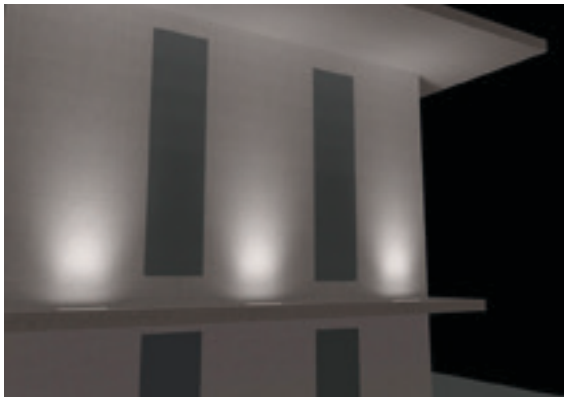


Medium optic

Medium luminous flux to highlight details, large sections of windows.

optik 25°

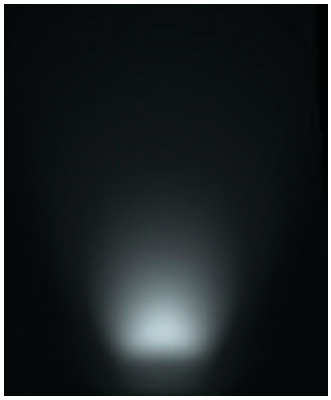


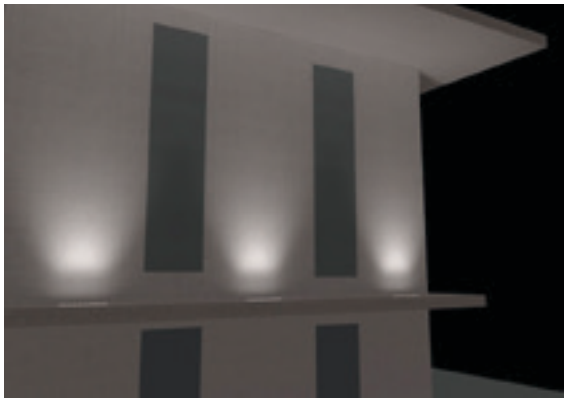


Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

optik 14°x34°





Palazzo Biandrà, Milan - IT

Spike

Spike

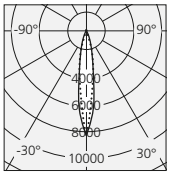
silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass
Remote ballast

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	
NL5000110K002	6 LED	8,4W	444lm	3000K	80	10°	L= 300mm
NL5000110W002	6 LED	8,4W	480lm	4000K	80	10°	L= 300mm
NL5000210K002	12 LED	16,8W	888lm	3000K	80	10°	L= 500mm
NL5000210W002	12 LED	16,8W	960lm	4000K	80	10°	L= 500mm
NL5000310K002	18 LED	25,2W	1334lm	3000K	80	10°	L= 780mm
NL5000310W002	18 LED	25,2W	1440lm	4000K	80	10°	L= 780mm
NL5000410K002	24 LED	33,6W	1776lm	3000K	80	10°	L=1020mm
NL5000410W002	24 LED	33,6W	1920lm	4000K	80	10°	L=1020mm

24Vdc power supplied separately



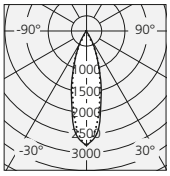
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,12	0,14	39544
1,0	0,23	0,29	9886
1,5	0,35	0,43	4394
2,0	0,46	0,58	2471
2,5	0,58	0,72	1582
3,0	0,69	0,89	1098

α = 11°

NL5000130K002	6 LED	8,4W	444lm	3000K	80	25°	L= 300mm
NL5000130W002	6 LED	8,4W	480lm	4000K	80	25°	L= 300mm
NL5000230K002	12 LED	16,8W	888lm	3000K	80	25°	L= 500mm
NL5000230W002	12 LED	16,8W	960lm	4000K	80	25°	L=500mm
NL5000330K002	18 LED	25,2W	1334lm	3000K	80	25°	L= 780mm
NL5000330W002	18 LED	25,2W	1440lm	4000K	80	25°	L= 780mm
NL5000430K002	24 LED	33,6W	1776lm	3000K	80	25°	L=1020mm
NL5000430W002	24 LED	33,6W	1920lm	4000K	80	25°	L=1020mm

24Vdc power supplied separately



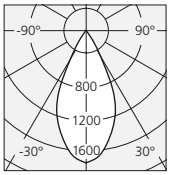
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,28	0,28	13017
1,0	0,55	0,55	3254
1,5	0,83	0,83	1446
2,0	1,11	1,11	814
2,5	1,39	1,39	521
3,0	1,66	1,66	326

α = 30°

NL50001ELK002	6 LED	8,4W	444lm	3000K	80	14°x34°	L= 300mm
NL50001ELW002	6 LED	8,4W	480lm	4000K	80	14°x34°	L= 300mm
NL50002ELK002	12 LED	16,8W	888lm	3000K	80	14°x34°	L= 500mm
NL50002ELW002	12 LED	16,8W	960lm	4000K	80	14°x34°	L= 500mm
NL50003ELK002	18 LED	25,2W	1334lm	3000K	80	14°x34°	L= 780mm
NL50003ELW002	18 LED	25,2W	1440lm	4000K	80	14°x34°	L= 780mm
NL50004ELK002	24 LED	33,6W	1776lm	3000K	80	14°x34°	L=1020mm
NL50004ELW002	24 LED	33,6W	1920lm	4000K	80	14°x34°	L=1020mm

24Vdc power supplied separately



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,44	8401
1,0	0,89	0,89	2100
1,5	1,33	1,33	933
2,0	1,77	1,77	525
2,5	2,22	2,22	336
3,0	2,66	2,66	233

α = 12°x36°

NL62040	Driver 40W 24 Vdc IP67	
NL89080	Driver 70W 24 Vdc IP67	
NL62880	Driver 150W 24 Vdc IP67	

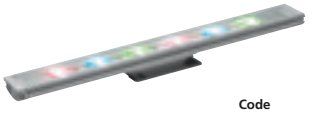
Components needed for dimming are available upon request.

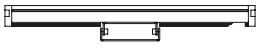
Spike 300	Spike 540	Spike 780	Spike 1020
4	2	1	1
7	3	2	1
10	5	3	2

maximum n° of fixtures per ballast.

NL50005	Antidazzle screen	300mm
NL50006	Antidazzle screen	540mm
NL50007	Antidazzle screen	780mm
NL50008	Antidazzle screen	1020mm

Spike RGB





Spike RGB

silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass

Code	Total power	Beam	
NL5003110C002	25,2W RGB	10°	L=780mm
NL5003130C002	25,2W RGB	25°	L=780mm
NL50031ELC002	25,2W RGB	14°x34°	L=780mm

24 Vdc PWM power supplied separately

IP65 16,7 M

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc	PWM	2 max
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc	PWM	3 max

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

Connecting diagram
see pag. 274

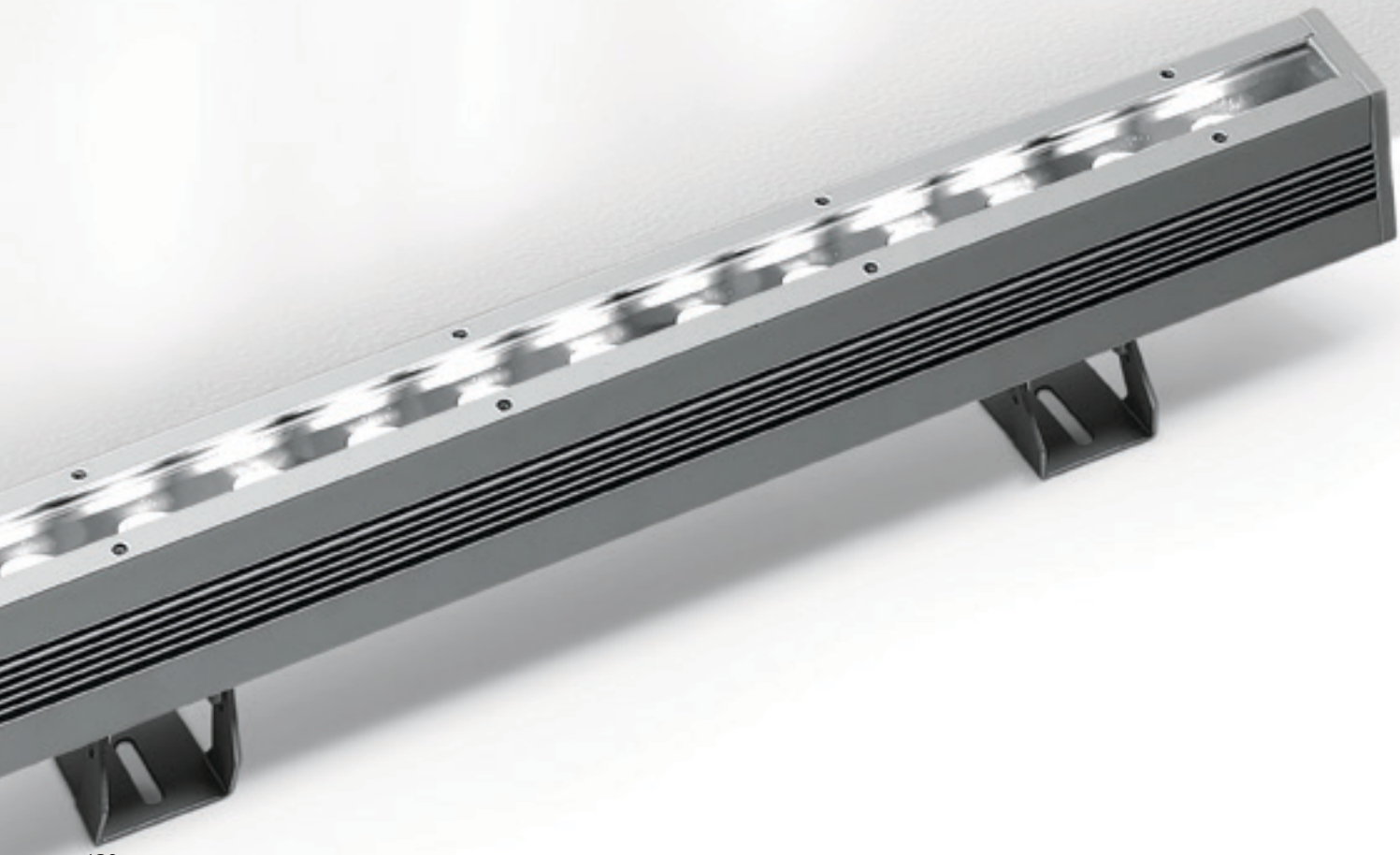
NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

NL50035	Antidazzle screen	780mm

Superspike

2007

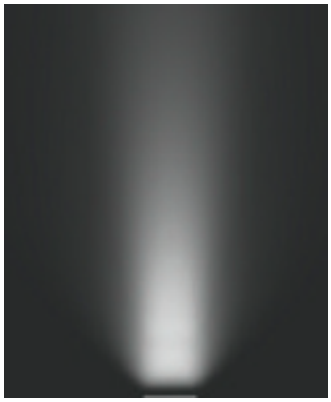
- Light fixture with high-performance LED light sources.
- Wall or ceiling mounting.
- Composed by body, diffuser and adjustable brackets.
- Body in extruded EN AW6060 T5 aluminium.
- Diffuser in 8mm-thick UV resistant transparent polycarbonate.
- Adjustable bracket in painted aluminium.
- End caps in injection mould of aluminium.
- 24Vdc remote ballast.
- Electrical connection to the ballast by means of a H07RN-F cable, with IP68 terminal board supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- Optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP65.
- Insulation class III.
- Technical features of light fi xtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

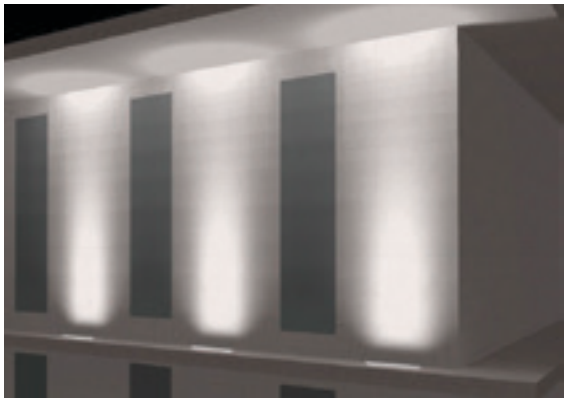


Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

10° optic

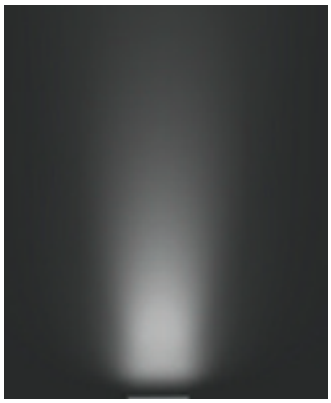


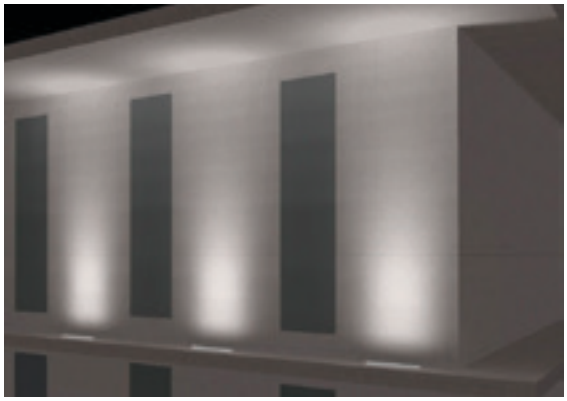


Medium optic

Medium luminous flux to highlight details, large sections of windows.

25° optic

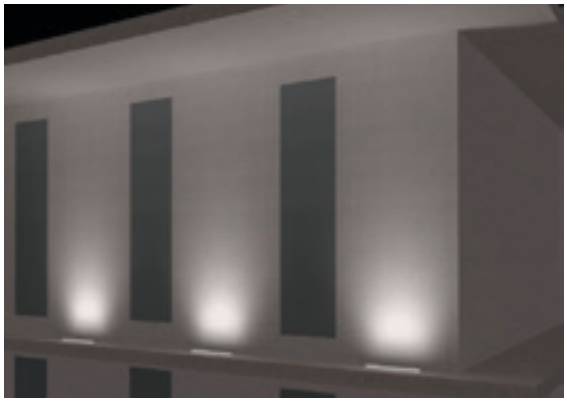




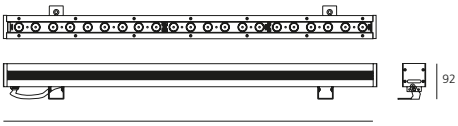
Flood optic

Wide luminous flow suitable for lighting large areas.

40° optic



Ex Manifatture Tabacchi (Local Government departments), Rome - IT, Seste Engineering



Superspike

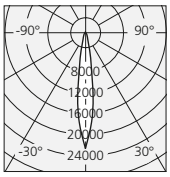
silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam		
NL716610K0	15LED	50,4W	1650lm	3000K	80	10°	.	L= 750mm
NL716610W0	15LED	50,4W	2175lm	4000K	80	10°	.	L= 750mm
NL716710K0	20LED	67,2W	2200lm	3000K	80	10°	.	L= 975mm
NL716710W0	20LED	67,2W	2900lm	4000K	80	10°	.	L= 975mm

24Vdc power supplied separately



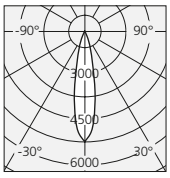
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,13	87372
1,0	0,25	0,25	21843
1,5	0,38	0,38	9708
2,0	0,51	0,51	5461
2,5	0,63	0,63	3495
3,0	0,76	0,76	2427

α = 11°

NL716625K0	15LED	50,4W	1650lm	3000K	80	25°	.	L= 750mm
NL716625W0	15LED	50,4W	2175lm	4000K	80	25°	.	L= 750mm
NL716725K0	20LED	67,2W	2200lm	3000K	80	25°	.	L= 975mm
NL716725W0	20LED	67,2W	2900lm	4000K	80	25°	.	L= 975mm

24Vdc power supplied separately



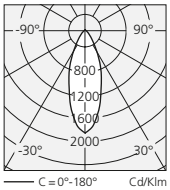
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,19	0,19	47198
1,0	0,38	0,38	11799
1,5	0,57	0,57	5244
2,0	0,76	0,76	2950
2,5	0,94	0,94	1888
3,0	1,13	1,13	1311

α = 30°

NL716640K0	15LED	50,4W	1650lm	3000K	80	40°	.	L= 750mm
NL716640W0	15LED	50,4W	2175lm	4000K	80	40°	.	L= 750mm
NL716740K0	20LED	67,2W	2200lm	3000K	80	40°	.	L= 975mm
NL716740W0	20LED	67,2W	2900lm	4000K	80	40°	.	L= 975mm

24Vdc power supplied separately



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,33	0,33	16127
1,0	0,67	0,67	4032
1,5	1,00	1,00	1792
2,0	1,34	1,34	1008
2,5	1,67	1,67	645
3,0	2,01	2,01	448

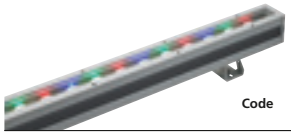
α = 12°x36°

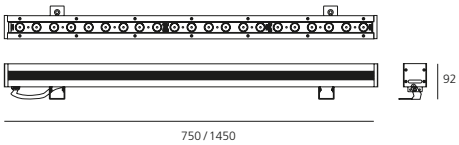
NL89080	Driver 70W	24 Vdc
NL62880	Driver 150W	24 Vdc

Components needed for dimming are available upon request.

Super Spike 750	Super Spike 975
1	
2	1

maximum n° of fixtures per ballast.





Superspike RGB

silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass

IP65 16,7 M

Code	LED	Total power	Beam	
NL756510C0	15LED	50,4W RGB	10°	L=750mm
NL756525C0	15LED	50,4W RGB	25°	L=750mm
NL756540C0	15LED	50,4W RGB	40°	L=750mm
NL756610C0	30LED	100,8WRGB	10°	L=1450mm
NL756625C0	30LED	100,8W RGB	25°	L=1450mm
NL756640C0	30LED	100,8W RGB	40°	L=1450mm

24 Vdc PWM power supplied separately

		Super Spike RGB 750	Super Spike RGB 1450
NL81260	LED driver NLX 2-70 IP65 70W 24Vdc PWM	1	
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc PWM	1	1

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

Maximum n° of fixtures per LED driver.

Connecting diagram
see pag. 274

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

Cefiso

design

Alessandro Pedretti
(Studio Rota & Partners)
2011

Mechanical solutions
Maximum adjustment flexibility (rotation 360º, tilting 180º)
The silicon aluminium alloy EN AB-44100 ensures optimum resistance to corrosion.
Nano ceramic paint ensures very high resistance to corrosion.
High level of shock resistance (IK10).

Optical performances
The use of selected Leds and the accurate design of optics ensure:
- optimum control of the light beams with the use of metacrylate lenses;
- different kinds of beam opening;
- wide selection of binning;
- high flows.

Energy consumption
The highly efficient, ENEC certified ballasts allow a minimum energy consumption without waste. The use of ballasts fully complying with electromagnetic emission standards avoids radiation dispersions.

Installation
Easy wiring in the base and fixture installation with 4 dowels.

reddot design award
winner 2012

Cefiso

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and eaves installation.
- 2 sizes: Cefiso 14, Cefiso 20.
- Available in two finishes: grey-white painted and anthracite grey painted.
- Composed by adjustable lighting unit and terminal board. Rotation on the base +/-180°, body tilting +/-90° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.
- Body and terminal board in EN AB44100 aluminium, silicone gaskets.
  Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed flush with the body to avoid backwater.
- Wiring to be carried out inside the terminal board by piercing an IP65 grommet suitable for cables with a diameter of 8-13 mm.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

9° optic

Flood optic

Wide luminous flow suitable for lighting large areas.

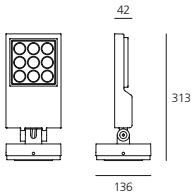
32° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

6°x45° optic

Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini



Cefiso 14

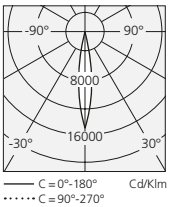
○ grey-white RAL9002
● anthracite grey

Glass thickness 5 mm

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T418010W00	9 LED	22W	879lm	3000K	80	9°	R2	○
T418010W10	9 LED	22W	879lm	3000K	80	9°	R2	●
T418010N00	9 LED	22W	879lm	4000K	75	9°	R2	○
T418010N10	9 LED	22W	879lm	4000K	75	9°	R2	●
T418010C00	9 LED	22W	879lm	6000K	70	9°	R2	○
T418010C10	9 LED	22W	879lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included

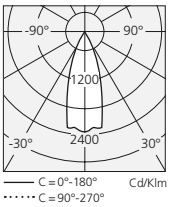


H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	29745
1	0,19	0,19	7436
1,5	0,28	0,28	3305
2	0,38	0,38	1859
2,5	0,47	0,47	1190
3	0,57	0,57	826

α = 9°

T418039W00	9 LED	22W	924lm	3000K	80	32°	R1	○
T418039W10	9 LED	22W	924lm	3000K	80	32°	R1	●
T418039N00	9 LED	22W	924lm	4000K	75	32°	R1	○
T418039N10	9 LED	22W	924lm	4000K	75	32°	R1	●
T418039C00	9 LED	22W	924lm	6000K	70	32°	R1	○
T418039C10	9 LED	22W	924lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included

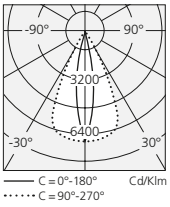


H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	4049
1	0,63	0,63	1012
1,5	0,95	0,95	450
2	1,27	1,27	253
2,5	1,59	1,59	162
3	1,90	1,90	112

α = 32°

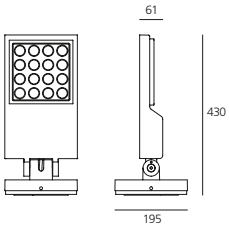
T4180ELW00	9 LED	22W	971lm	3000K	80	6x45°	R1	○
T4180ELW10	9 LED	22W	971lm	3000K	80	6x45°	R1	●
T4180ELN00	9 LED	22W	971lm	4000K	75	6x45°	R1	○
T4180ELN10	9 LED	22W	971lm	4000K	75	6x45°	R1	●
T4180ELC00	9 LED	22W	971lm	4000K	70	6x45°	R1	○
T4180ELC10	9 LED	22W	971lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	13826
1	0,13	0,89	3466
1,5	0,19	1,33	1540
2	0,26	1,77	866
2,5	0,32	2,22	554
3	0,39	2,66	385

α = 6x45°



Cefiso 20

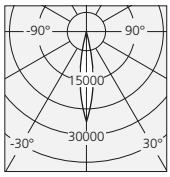
○ grey-white RAL9002
● anthracite grey

Glass thickness 8 mm

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T418110W00	16 LED	38W	1554lm	3000K	80	9°	R2	○
T418110W10	16 LED	38W	1554lm	3000K	80	9°	R2	●
T418110N00	16 LED	38W	1554lm	4000K	75	9°	R2	○
T418110N10	16 LED	38W	1554lm	4000K	75	9°	R2	●
T418110C00	16 LED	38W	1554lm	6000K	70	9°	R2	○
T418110C10	16 LED	38W	1554lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included

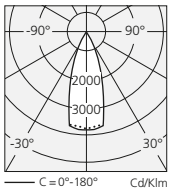


H m	Ø C0 m	Ø C90 m	E lux
0,5	0,10	0,10	55462
1	0,19	0,19	13866
1,5	0,29	0,29	6162
2	0,39	0,39	3466
2,5	0,48	0,48	2218
3	0,58	0,58	1541

α=9°

T418139W00	16 LED	38W	1519lm	3000K	80	32°	R1	○
T418139W10	16 LED	38W	1519lm	3000K	80	32°	R1	●
T418139N00	16 LED	38W	1519lm	4000K	75	32°	R1	○
T418139N10	16 LED	38W	1519lm	4000K	75	32°	R1	●
T418139C00	16 LED	38W	1519lm	6000K	70	32°	R1	○
T418139C10	16 LED	38W	1519lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included

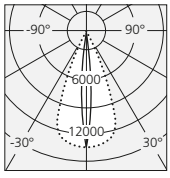


H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6652
1	0,64	0,64	1663
1,5	0,96	0,96	739
2	1,28	1,28	416
2,5	1,60	1,60	266
3	1,91	1,91	185

α=32°

T4181ELW00	16 LED	38W	1643lm	3000K	80	6x45°	R1	○
T4181ELW10	16 LED	38W	1643lm	3000K	80	6x45°	R1	●
T4181ELN00	16 LED	38W	1643lm	4000K	75	6x45°	R1	○
T4181ELN10	16 LED	38W	1643lm	4000K	75	6x45°	R1	●
T4181ELC00	16 LED	38W	1643lm	4000K	70	6x45°	R1	○
T4181ELC10	16 LED	38W	1643lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,06	0,44	26871
1	0,12	0,88	6718
1,5	0,17	1,32	2986
2	0,23	1,76	1679
2,5	0,29	2,21	1075
3	0,35	2,65	746

α=6x45°

Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

Epulo

design

Ernesto Gismondi
2012

Mechanical solutions
Maximum adjustment flexibility (rotation 360º, front tilting 180º, side tilting 90°).
The silicon aluminium alloy EN AB-44100 ensures optimum resistance to corrosion.
Nano ceramic paint ensures very high resistance to corrosion.
High level of shock resistance (IK10).

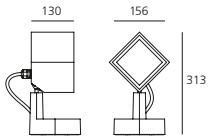
Optical performances
The use of selected Leds and the accurate design of optics ensure:
• optimum control of the light beams with the use of metacrylate lenses;
• different kinds of beam opening;
• wide selection of binning;
• high flows.

Energy consumption
The highly efficient, ENEC certified ballasts allow a minimum energy consumption without waste. The use of ballasts fully complying with electromagnetic emission standards avoids radiation dispersions.

Installation
Easy wiring in the base and fixture installation with 4 dowels.

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and eaves installation.
- 2 sizes: Epulo 13 and Epulo 18.
- Available in two finishes: grey-white painted and anthracite grey painted.
- Composed by lighting unit, terminal board and fixing bracket. Rotation on the base +/-180°, side body tilt +/-45° and front body tilt +0/-90 by means of a spherical joint allowing an accurate adjustment.
- Body and terminal board in EN AB44100 aluminium, fixing bracket in stainless steel, silicone gaskets. Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed flush with the body to avoid backwater.
- IP67 connector for electric connection to the mains, it can be housed in the terminal board compartment and is suitable for cables with a diameter of 5-13.5mm.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- The components in die-cast aluminium and the steel bracket are painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Insulation class I.



Epulo 13

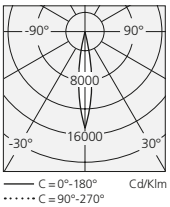
○ grey-white RAL9002
● anthracite grey

Glass thickness 5 mm

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T418910W00	9 LED	22W	879lm	3000K	80	9°	R2	○
T418910W10	9 LED	22W	879lm	3000K	80	9°	R2	●
T418910N00	9 LED	22W	879lm	4000K	75	9°	R2	○
T418910N10	9 LED	22W	879lm	4000K	75	9°	R2	●
T418910C00	9 LED	22W	879lm	6000K	70	9°	R2	○
T418910C10	9 LED	22W	879lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included

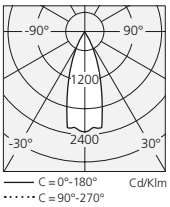


H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	29745
1	0,19	0,19	7436
1,5	0,28	0,28	3305
2	0,38	0,38	1859
2,5	0,47	0,47	1190
3	0,57	0,57	826

α = 9°

T418939W00	9 LED	22W	924lm	3000K	80	32°	R1	○
T418939W10	9 LED	22W	924lm	3000K	80	32°	R1	●
T418939N00	9 LED	22W	924lm	4000K	75	32°	R1	○
T418939N10	9 LED	22W	924lm	4000K	75	32°	R1	●
T418939C00	9 LED	22W	924lm	6000K	70	32°	R1	○
T418939C10	9 LED	22W	924lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included

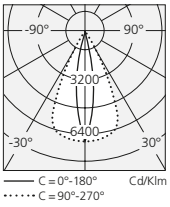


H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	4049
1	0,63	0,63	1012
1,5	0,95	0,95	450
2	1,27	1,27	253
2,5	1,59	1,59	162
3	1,90	1,90	112

α = 32°

T4189ELW00	9 LED	22W	971lm	3000K	80	6x45°	R1	○
T4189ELW10	9 LED	22W	971lm	3000K	80	6x45°	R1	●
T4189ELN00	9 LED	22W	971lm	4000K	75	6x45°	R1	○
T4189ELN10	9 LED	22W	971lm	4000K	75	6x45°	R1	●
T4189ELC00	9 LED	22W	971lm	4000K	70	6x45°	R1	○
T4189 ELC10	9 LED	22W	971lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	13826
1	0,13	0,89	3466
1,5	0,19	1,33	1540
2	0,26	1,77	866
2,5	0,32	2,22	554
3	0,39	2,66	385

α = 6x45°

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

9° optic

Flood optic

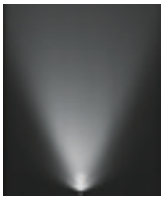
Wide luminous flow suitable for lighting large areas.

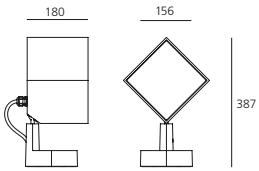
32° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

6°x45° optic





Epulo 18

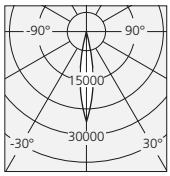
○ grey-white RAL9002
● anthracite grey

Glass thickness 8 mm

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T418810W00	16 LED	39W	1554lm	3000K	80	9°	R2	○
T418810W10	16 LED	39W	1554lm	3000K	80	9°	R2	●
T418810N00	16 LED	39W	1554lm	4000K	75	9°	R2	○
T418810N10	16 LED	39W	1554lm	4000K	75	9°	R2	●
T418810C00	16 LED	39W	1554lm	6000K	70	9°	R2	○
T418810C10	16 LED	39W	1554lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included

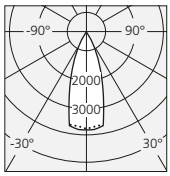


H m	ØC0 m	ØC90 m	E lux
0,5	0,10	0,10	55462
1	0,19	0,19	13866
1,5	0,29	0,29	6162
2	0,39	0,39	3466
2,5	0,48	0,48	2218
3	0,58	0,58	1541

C = 0°-180° Cd/Klm
C = 90°-270°
α=9°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T418839W00	16 LED	39W	1519lm	3000K	80	32°	R1	○
T418839W10	16 LED	39W	1519lm	3000K	80	32°	R1	●
T418839N00	16 LED	39W	1519lm	4000K	75	32°	R1	○
T418839N10	16 LED	39W	1519lm	4000K	75	32°	R1	●
T418839C00	16 LED	39W	1519lm	6000K	70	32°	R1	○
T418839C10	16 LED	39W	1519lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included

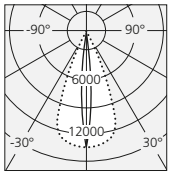


H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6652
1	0,64	0,64	1663
1,5	0,96	0,96	739
2	1,28	1,28	416
2,5	1,60	1,60	266
3	1,91	1,91	185

C = 0°-180° Cd/Klm
C = 90°-270°
α=32°

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T4188ELW00	16 LED	39W	1643lm	3000K	80	6x45°	R1	○
T4188ELW10	16 LED	39W	1643lm	3000K	80	6x45°	R1	●
T4188ELN00	16 LED	39W	1643lm	4000K	75	6x45°	R1	○
T4188ELN10	16 LED	39W	1643lm	4000K	75	6x45°	R1	●
T4188ELC00	16 LED	39W	1643lm	4000K	70	6x45°	R1	○
T4188ELC10	16 LED	39W	1643lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	26871
1	0,12	0,88	6718
1,5	0,17	1,32	2986
2	0,23	1,76	1679
2,5	0,29	2,21	1075
3	0,35	2,65	746

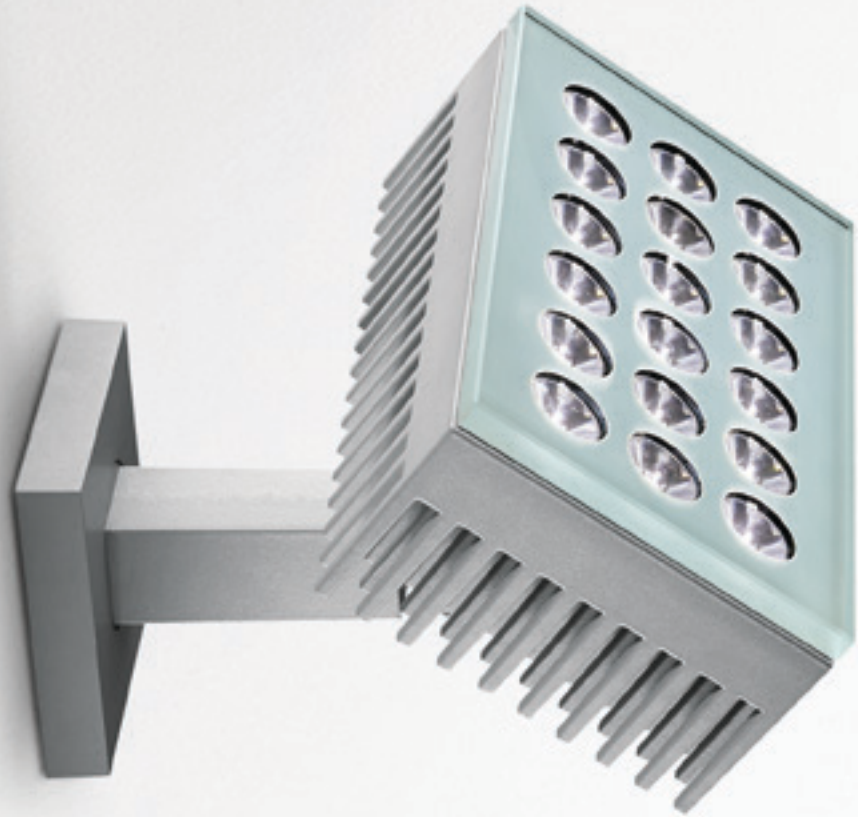
C = 0°-180° Cd/Klm
C = 90°-270°
α=6x45°

Danese Miano, Milan - (IT)

Falange

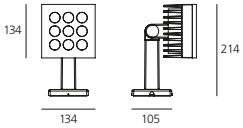
design

Wilmotte & Industries
2011



- Adjutable light fixture with direct emission, with high-performance LED light sources.
- Ground, wall, eaves installation.
- 2 sizes: 134x134, 238x134 mm.
- Composed by adjustable lighting unit and support (housing the wiring). Rotation on the base +/-180°, body tilt +/-100° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.
- Body and support in EN AB44100 aluminium, silicone gaskets.
- Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed to a secondary frame.
- Wiring to be carried out by means of plug IP 68.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65-IP67.
- Insulation class I.



Falange 9

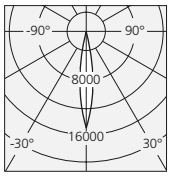
○ grey-white RAL9002
● anthracite grey

Glass thickness 10 mm

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
NL3000010K002	9 LED	27W	879lm	3000K	80	9°	R2	○
NL3000010K005	9 LED	27W	879lm	3000K	80	9°	R2	●
NL3000010W002	9 LED	27W	879lm	4000K	75	9°	R2	○
NL3000010W005	9 LED	27W	879lm	4000K	75	9°	R2	●
NL3000010Z002	9 LED	27W	879lm	6000K	70	9°	R2	○
NL3000010Z005	9 LED	27W	879lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included



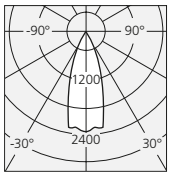
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	29745
1	0,19	0,19	7436
1,5	0,28	0,28	3305
2	0,38	0,38	1859
2,5	0,47	0,47	1190
3	0,57	0,57	826

α=9°

NL3000039K002	9 LED	27W	924lm	3000K	80	32°	R1	○
NL3000039K005	9 LED	27W	924lm	3000K	80	32°	R1	●
NL3000039W002	9 LED	27W	924lm	4000K	75	32°	R1	○
NL3000039W005	9 LED	27W	924lm	4000K	75	32°	R1	●
NL3000039Z002	9 LED	27W	924lm	6000K	70	32°	R1	○
NL3000039Z005	9 LED	27W	924lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included



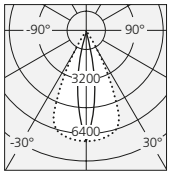
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	4049
1	0,63	0,63	1012
1,5	0,95	0,95	450
2	1,27	1,27	253
2,5	1,59	1,59	162
3	1,90	1,90	112

α=32°

NL30000ELK002	9 LED	27W	971lm	3000K	80	6x45°	R1	○
NL30000ELK005	9 LED	27W	971lm	3000K	80	6x45°	R1	●
NL30000ELW002	9 LED	27W	971lm	4000K	75	6x45°	R1	○
NL30000ELW005	9 LED	27W	971lm	4000K	75	6x45°	R1	●
NL30000ELZ002	9 LED	27W	971lm	4000K	70	6x45°	R1	○
NL30000ELZ005	9 LED	27W	971lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	13826
1	0,13	0,89	3466
1,5	0,19	1,33	1540
2	0,26	1,77	866
2,5	0,32	2,22	554
3	0,39	2,66	385

α=6x45°

Spot optic

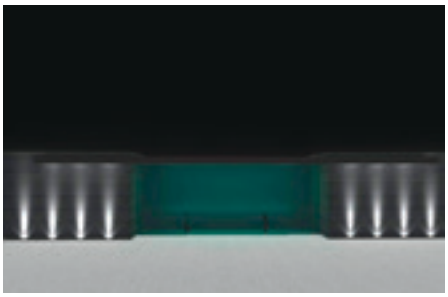
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

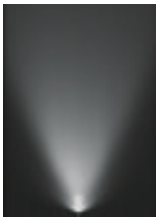
Flood optic

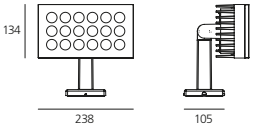
Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.







Falange 18

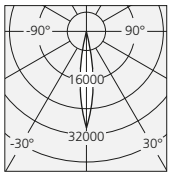
○ grey-white RAL9002
● anthracite grey

Glass thickness 10 mm

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
NL3000110K002	16 LED	54W	1554lm	3000K	80	9°	R2	○
NL3000110K005	16 LED	54W	1554lm	3000K	80	9°	R2	●
NL3000110W002	16 LED	54W	1554lm	4000K	75	9°	R2	○
NL3000110W005	16 LED	54W	1554lm	4000K	75	9°	R2	●
NL3000110Z002	16 LED	54W	1554lm	6000K	70	9°	R2	○
NL3000110Z005	16 LED	54W	1554lm	6000K	70	9°	R2	●

220/240Vac 50/60Hz electronic ballast included



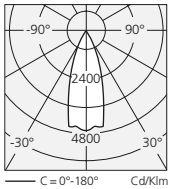
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,09	0,09	59490
1	0,19	0,19	14872
1,5	0,28	0,28	6610
2	0,38	0,38	3718
2,5	0,47	0,47	2380
3	0,57	0,57	1652

α = 9°

NL3000139K002	16 LED	54W	1519lm	3000K	80	32°	R1	○
NL3000139K005	16 LED	54W	1519lm	3000K	80	32°	R1	●
NL3000139W002	16 LED	54W	1519lm	4000K	75	32°	R1	○
NL3000139W005	16 LED	54W	1519lm	4000K	75	32°	R1	●
NL3000139Z002	16 LED	54W	1519lm	6000K	70	32°	R1	○
NL3000139Z005	16 LED	54W	1519lm	6000K	70	32°	R1	●

220/240Vac 50/60Hz electronic ballast included



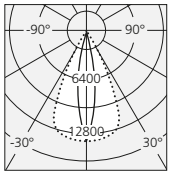
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	8098
1	0,63	0,63	2024
1,5	0,95	0,95	900
2	1,27	1,27	506
2,5	1,59	1,59	324
3	1,90	1,90	224

α = 32°

NL30001ELK002	16 LED	54W	1643lm	3000K	80	6x45°	R1	○
NL30001ELK005	16 LED	54W	1643lm	3000K	80	6x45°	R1	●
NL30001ELW002	16 LED	54W	1643lm	4000K	75	6x45°	R1	○
NL30001ELW005	16 LED	54W	1643lm	4000K	75	6x45°	R1	●
NL30001ELZ002	16 LED	54W	1643lm	4000K	70	6x45°	R1	○
NL30001ELZ005	16 LED	54W	1643lm	4000K	70	6x45°	R1	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180°
C = 90°-270°
Cd/Klm

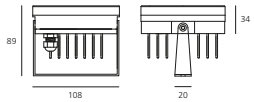
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,06	0,44	27652
1	0,13	0,89	6932
1,5	0,19	1,33	3080
2	0,26	1,77	1732
2,5	0,32	2,22	1108
3	0,39	2,66	770

α = 6x45°

Ego spot

2005

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and ceiling installation.
- 2 sizes (diameter 103mm Ego Spot 5 and 110mm Ego Spot 7).
- Composed by body, frame, glass and bracket.
- Adjustable lighting unit.
  Rotation on the vertical axis +/-90°. Positioning is maintained by means of locking screws.
- Body and frame in computer numerical control machined billet aluminium.
- Painted spot with 2-stage outdoor treatment: primer, outdoor paint.
- EPDM gasket.
- Connection cable HO5RN-F with standard length of 1 meter.
- Remote ballast.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Picket for ground installation in galvanized sheet iron.
- AISI 316 stainless steel screws.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.



Ego 5 Spot

silver grey

Glass thickness 10mm

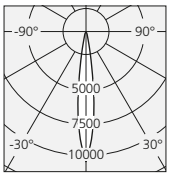
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam
NL763210K0	5 LED	15W	550lm	3000K	80	10°
NL763210W0	5 LED	15W	725lm	4000K	80	10°

700mA electronic ballast supplied separately

NL763310K0	5 LED	17W	550lm	3000K	80	10°
NL763310W0	5 LED	17W	725lm	4000K	80	10°

24 Vdc ballast



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,13	33121
1	0,25	0,25	8280
1,5	0,38	0,38	3680
2	0,51	0,51	2070
2,5	0,63	0,63	1325
3	0,76	0,76	920

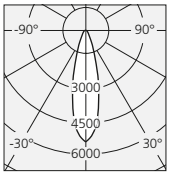
α = 6°x45°

NL763225K0	5 LED	15W	550lm	3000K	80	25°
NL763225W0	5 LED	15W	725lm	4000K	80	25°

700mA electronic ballast supplied separately

NL763325K0	5 LED	17W	550lm	3000K	80	25°
NL763325W0	5 LED	17W	725lm	4000K	80	25°

24 Vdc ballast



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,19	0,19	10789
1	0,39	0,39	2697
1,5	0,58	0,58	1199
2	0,77	0,77	674
2,5	0,96	0,96	432
3	1,16	1,16	300

α = 6°x45°

NL7632ELK0	5 LED	15W	550lm	3000K	80	25°x45°
NL7632ELW0	5 LED	15W	725lm	4000K	80	25°x45°

700mA electronic ballast supplied separately

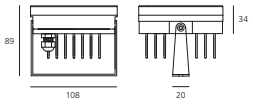
NL7633ELK0	5 LED	17W	550lm	3000K	80	25°x45°
NL7633ELW0	5 LED	17W	725lm	4000K	80	25°x45°

24 Vdc ballast

NL19028	Ballast	19W	700mA	IP67		1 max
NL62040	Ballast	40W	24Vdc	IP67		2 max
NL89080	Ballast	70W	24Vdc	IP67		3 max
NL62880	Ballast	150W	24Vdc	IP67		7 max

NL97150	Picket

Centro Servizi dello Studentato Universitario, Trento - IT
Project: Studio Paterm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini



Ego 7 Spot

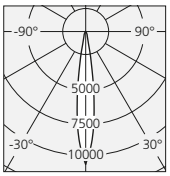
silver grey

Glass thickness 10mm

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam
NL763610K0	7 LED	18W	770lm	3000K	80	10°
NL763610W0	7 LED	18W	1015lm	4000K	80	10°

700mA electronic ballast supplied separately

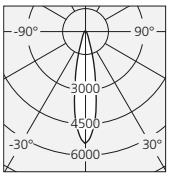


H m	Ø C0 m	Ø C90 m	E lux
0,5	0,12	0,12	23773
1	0,25	0,25	5943
1,5	0,37	0,37	2641
2	0,49	0,49	1486
2,5	0,61	0,61	951
3	0,74	0,74	660

C = 0°-180° Cd/Klm
C = 90°-270°
α = 10°

NL763625K0	7 LED	18W	770lm	3000K	80	25°
NL763625W0	7 LED	18W	1015lm	3000K	80	25°

700mA electronic ballast supplied separately



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,19	0,19	14520
1	0,39	0,39	3630
1,5	0,58	0,58	1613
2	0,78	0,78	907
2,5	0,97	0,97	581
3	1,17	1,17	403

C = 0°-180° Cd/Klm
C = 90°-270°
α = 25°

NL763625K0	7 LED	18W	770lm	3000K	80	25°x45°
NL763625W0	7 LED	18W	1015lm	3000K	80	25°x45°

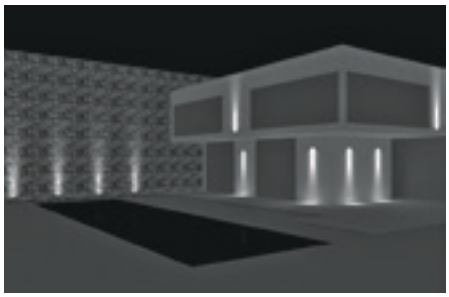
700mA electronic ballast supplied separately

NL19028	Ballast	19W	700mA	IP67	1 max
NL19029	Ballast	35W	700mA	IP67	2 max

NL97150	Picket

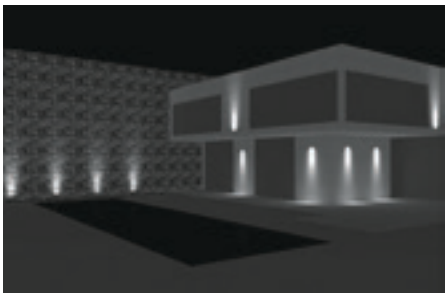
Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.



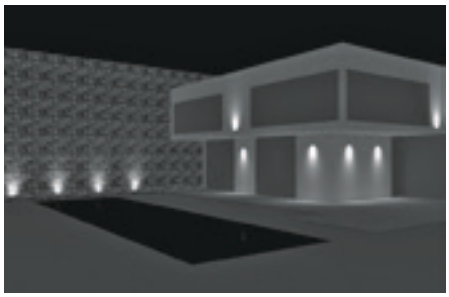
Medium optic

Medium luminous flux to highlight details, large sections of windows.



Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.



CHÂTEAU M

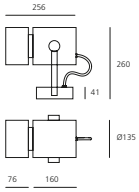
Chateau Monfort, Milan - IT Architectural Project: Arch.Federico Vedani

Cariddi

design

Ernesto Gismondi
2013

- Monochromatic LED projector.
- Floor, wall, ceiling, eaves installation.
- Consists of an adjustable lighting unit and terminal board. Rotation on the base +/-180°, body tilting +/-130. Positioning is maintained by means of locking dowels.
- The base and the lighting unit are connected by a H05RN-F cable.
- EN AB47100 aluminium head and terminal board, EN AW6060 aluminium body, silicone gaskets.
- Electronic ballast integrated in the body.
- Silicone-sealed silk-screened tempered glass.
- Wiring to be performed inside the terminal board by piercing an IP65 grommet suitable for 8-12mm diameter cables.
- LED COB with PMMA lens and anodized aluminium reflector in 2 different beam versions.
- Available in 3 different powers.
- All the screws used outside the product are in AISI 316 stainless steel.
- All the components in die-cast aluminium are painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Technical features of the light fixtures in compliance with EN60598-1 and section 2-5.
- IP Rating IP65
- Insulation class I



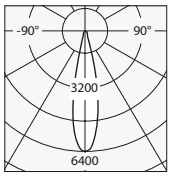
Cariddi

● anthracite grey

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI	Beam
T418520W00	1 LED COB	27W	1480lm	3000K	80	20°
T418520N00	1 LED COB	27W	1480lm	4000K	80	20°
T418620W00	1 LED COB	35W	2210lm	3000K	80	20°
T418620N00	1 LED COB	35W	2210lm	4000K	80	20°
T418720W00	1 LED COB	45W	3330lm	3000K	80	20°
T418720N00	1 LED COB	45W	3330lm	4000K	80	20°

220/240Vac 50/60Hz electronic ballast included

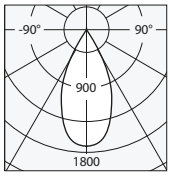


H m	Ø m	E lux
0,5	0,17	37996
1,0	0,34	9499
1,5	0,51	4222
2,0	0,68	2375
2,5	0,85	1520
3,0	1,01	1055

C = 0°-180° Cd/Klm α=20°
C = 90°-270°

T418540W00	1 LED COB	27W	1480lm	3000K	80	40°
T418540N00	1 LED COB	27W	1480lm	4000K	80	40°
T418640W00	1 LED COB	35W	2210lm	3000K	80	40°
T418640N00	1 LED COB	35W	2210lm	4000K	80	40°
T418740W00	1 LED COB	45W	3330lm	3000K	80	40°
T418740N00	1 LED COB	45W	3330lm	4000K	80	40°

220/240Vac 50/60Hz electronic ballast included



H m	Ø m	E lux
0,5	0,34	11642
1,0	0,67	2911
1,5	1,01	1294
2,0	1,35	728
2,5	1,68	466
3,0	2,02	323

C = 0°-180° Cd/Klm α=40°
C = 90°-270°

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

20° optic

Flood optic

Wide luminous flow suitable for lighting large areas.

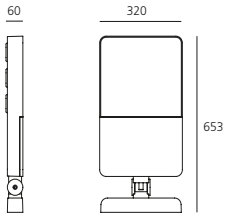
40° optic

Sostituto Spot

design

Ernesto Gismondi
2013

- Light fixture with direct emission, with monochromatic LED light sources.
- Floor, wall, eaves installation.
- Consists of lighting unit, wiring terminal board and fixing plate. Rotation on the base +/-10°, body tilting +/-90. Positioning is maintained by means of locking dowels.
- EN AB47100 aluminium body and terminal board, silicone gaskets. Electronic ballast integrated in the body.
- Polycarbonate diffuser silicone-sealed to the lens supporting unit.
- Composed by 3 interchangeable optical units.
- IP67 connector for the electrical connection to the mains, which can be located in the base compartment and is suitable for 5-13.5mm diameter cables.
- LED circuits with PMMA lenses in 3 beam versions: 10°, 23° and elliptical 12x40°
- All the screws used outside the product are in AISI 316 stainless steel.
- All the components in die-cast aluminium are painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Technical features of the lighting fixtures in compliance with EN60598-1 and section 2-5.
- IP Rating IP66.
- Protection level from 4KV impulse overvoltage.
- Insulation class II.



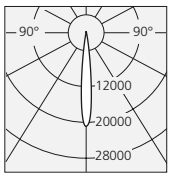
Sostituto Spot

● anthracite grey

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam
T418410N00	48 LED	115W	7380lm	4000K	80	2x10°
T418423N00	48 LED	115W	7380lm	4000K	80	2x23°
T4184ELN00	48 LED	115W	7380lm	4000K	80	12x40°

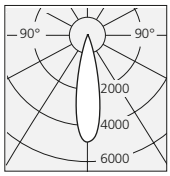
220/240Vac 50/60Hz electronic ballast included



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,10	0,10	787615
1	0,19	0,19	196904
1,5	0,29	1,29	87513
2	0,39	1,39	49226
2,5	0,48	0,48	31505
3	0,58	0,58	21878

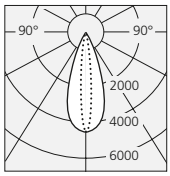
α = 10°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,21	0,21	147586
1	0,42	0,42	36897
1,5	0,63	0,63	16398
2	0,84	0,84	9224
2,5	1,05	1,05	5903
3	1,26	1,26	4100

α = 23°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,10	0,32	174906
1	0,19	0,65	43726
1,5	0,29	1,97	19434
2	0,39	1,30	10932
2,5	0,48	1,62	6996
3	0,58	1,95	4858

α = 12°x40°

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

10° optic

Flood optic

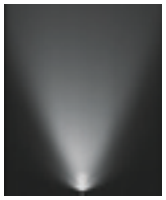
Wide luminous flow suitable for lighting large areas.

23° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

12°x40° optic

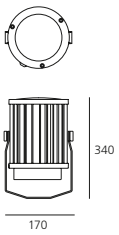


Metamorfosi kit outdoor LED

2000/2013

- Light fixture kit with LED sources.
- Floor or wall installation.
- Dark green finish.
- The kit is composed by 3 cylinders containing 3 projectors with red, green and blue dichroic filters, which allow a wide range of light coloured atmospheres to be created.
  A fourth cylinder contains the distribution board and the receiver.
- Kit Metamorfosi is available in stand alone version or synchronized version: in this case, the basic lamp body can be provided with up to 99 additional fixtures that can be controlled by the same master fixture.
- It is possible, using a remote control, to select standard atmospheres and to adjust the light intensity.
- Lamp unit in extruded aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- A support bracket allows floor or wall mounting and the adjustment of projectors.
- Reflector in anodized aluminium.
- Transparent moulded tempered glass + coloured dichroic filters.
- Stainless steel fixing screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of the light fixture in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class I.

Metamorfosi kit outdoor
LED



Metamorfosi Kit outdoor

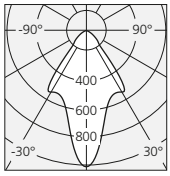
green

Kit of 3 projectors
Dichroic filters and fixing bracket included

IP65 16,7 M

Code	LED	Total Power	Flux red	Flux green	Flux blue
Kit Stand alone					
T084400	3 COB	42W	349lm	97lm	69lm
220/240Vac 50/60Hz electronic ballast included					
Kit sincronizzato, Master module					
T084500	3 COB	42W	349lm	97lm	69lm
remote control included. 220/240Vac 50/60Hz electronic ballast included					
Kit sincronizzato, Slave module					
T084600	3 COB	42W	349lm	97lm	69lm
without remote control. 220/240Vac 50/60Hz electronic ballast included					
A299500	Set of pickets for soft ground (4 pieces)				

Red

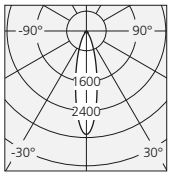


C = 0°-180° Cd/Klm
C = 90°-270°

H m	ØC0 m	ØC90 m	E lux
1,0	1,33	1,33	369
2,0	2,66	2,66	92
3,0	3,99	3,99	41
4,0	5,32	5,32	23
5,0	6,64	6,64	15

α=58°

Green

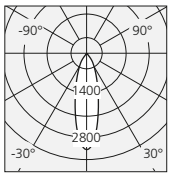


C = 0°-180° Cd/Klm
C = 90°-270°

H m	ØC0 m	ØC90 m	E lux
1,0	0,44	0,44	201
2,0	0,89	0,89	50
3,0	1,33	1,33	22
4,0	1,77	1,77	13
5,0	2,22	2,22	8

α=46°

Blue



C = 0°-180° Cd/Klm
C = 90°-270°

H m	ØC0 m	ØC90 m	E lux
1,0	0,44	0,44	201
2,0	0,89	0,89	50
3,0	1,33	1,33	22
4,0	1,77	1,77	13
5,0	2,22	2,22	8

α=69°

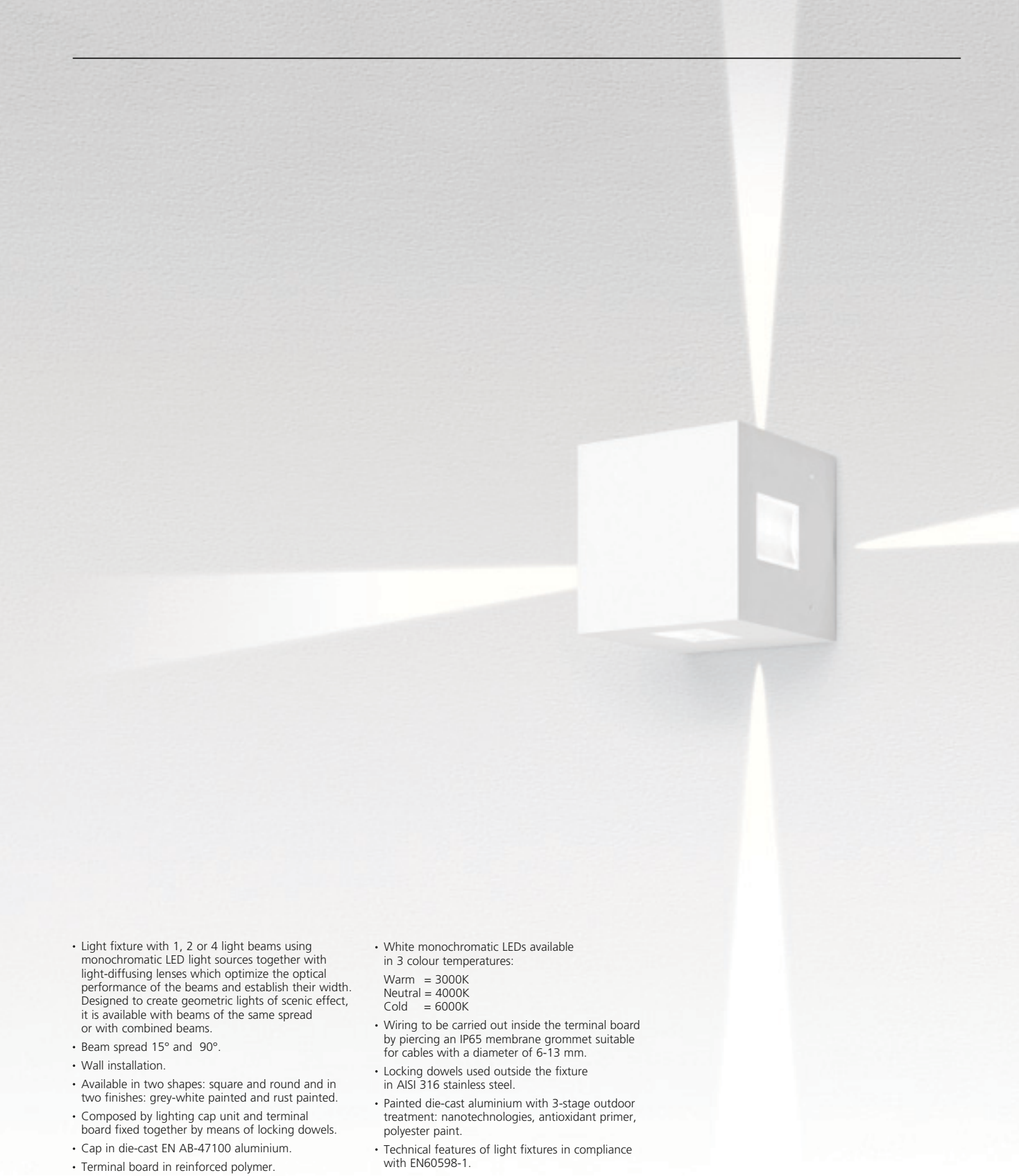
- Several Metamorfosi kits can be connected at a certain distance from one another, so that they project the same colour tonalities or they alternate the same atmospheres simultaneously.
- For the operation in synchronized mode, the following elements are necessary: a Master fixture, equipped with receiver and remote control. It is possible to add up to 99 “Slave” fixtures to the Master fixture, with synchronized operation by means of a signal cable. The master control unit must be placed so that the remote control signals can reach it.
- In order to prevent problems due to electromagnetic interference,the signal cables must not be put in conduits together with other electrical wires.

Remote control operation

By pressing the black key on the remote control, 3 programmes can be selected: by pressing it briefly (<1sec) the following programmes are selected in sequence: rainbow programme, warm colours only, cold colours only. By holding the key pressed (>1 sec), it is possible to switch the system on or off and the last set programme is memorized even without network. Moreover, each colour can be separately adjusted by means of the coloured key on the remote control (red-green-blue): by pressing it briefly (< 1 sec) colour on-off is enabled; by holding it pressed (> 1 sec) colour can be adjusted up to the minimum and maximum level.

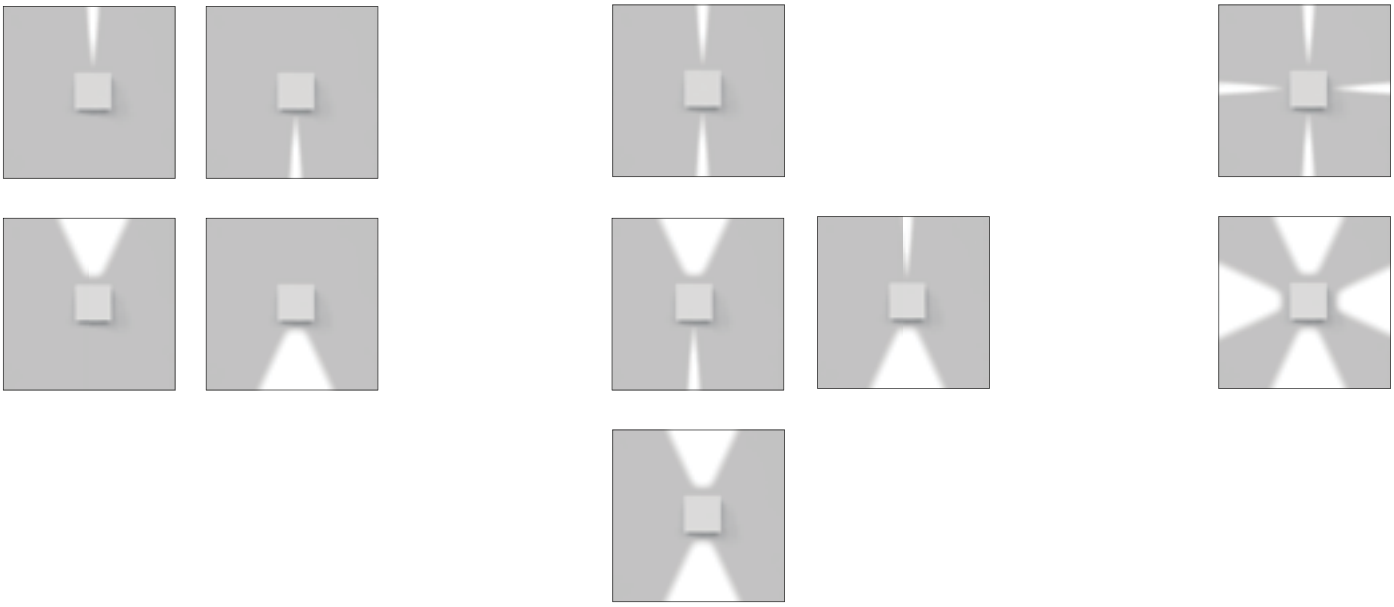
Effetto

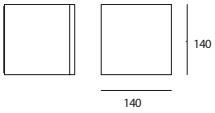
2011



- Light fixture with 1, 2 or 4 light beams using monochromatic LED light sources together with light-diffusing lenses which optimize the optical performance of the beams and establish their width. Designed to create geometric lights of scenic effect, it is available with beams of the same spread or with combined beams.
- Beam spread 15° and 90°.
- Wall installation.
- Available in two shapes: square and round and in two finishes: grey-white painted and rust painted.
- Composed by lighting cap unit and terminal board fixed together by means of locking dowels.
- Cap in die-cast EN AB-47100 aluminium.
- Terminal board in reinforced polymer.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- PMMA lenses siliconed flush with the cap to obtain two different beam angle opening (narrow and wide).
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Wiring to be carried out inside the terminal board by piercing an IP65 membrane grommet suitable for cables with a diameter of 6-13 mm.
- Locking dowels used outside the fixture in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.





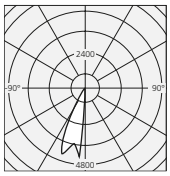
Effetto
1 Narrow beam

grey-white RAL9002
rust

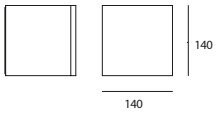
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42021NW00	1LED	4,5W	20lm	3000K	80	1x5°	R2	
T42021NW10	1LED	4,5W	20lm	3000K	80	1x5°	R2	
T42021NN00	1LED	4,5W	20lm	4000K	75	1x5°	R2	
T42021NN10	1LED	4,5W	20lm	4000K	75	1x5°	R2	
T42021NC00	1LED	4,5W	20lm	6000K	70	1x5°	R2	
T42021NC10	1LED	4,5W	20lm	6000K	70	1x5°	R2	

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



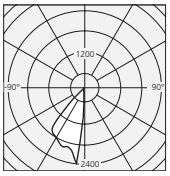
Effetto
1 Large beam

grey-white RAL9002
rust

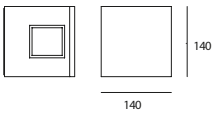
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42021LW00	1LED	4,5W	12,4lm	3000K	80	1x50°	R2	
T42021LW10	1LED	4,5W	12,4lm	3000K	80	1x50°	R2	
T42021LN00	1LED	4,5W	12,4lm	4000K	75	1x50°	R2	
T42021LN10	1LED	4,5W	12,4lm	4000K	75	1x50°	R2	
T42021LC00	1LED	4,5W	12,4lm	6000K	70	1x50°	R2	
T42021LC10	1LED	4,5W	12,4lm	6000K	70	1x50°	R2	

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



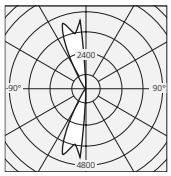
Effetto
2 narrow beams

grey-white RAL9002
rust

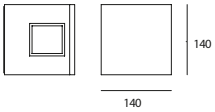
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42012NW00	2LED	7W	40lm	3000K	80	2x5°	R2	
T42012NW10	2LED	7W	40lm	3000K	80	2x5°	R2	
T42012NN00	2LED	7W	40lm	4000K	75	2x5°	R2	
T42012NN10	2LED	7W	40lm	4000K	75	2x5°	R2	
T42012NC00	2LED	7W	40lm	6000K	70	2x5°	R2	
T42012NC10	2LED	7W	40lm	6000K	70	2x5°	R2	

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



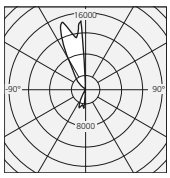
Effetto
1 narrow beam
1 large beam

grey-white RAL9002
rust

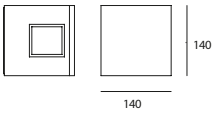
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T4201NLW00	2LED	7W	43lm	3000K	80	1x5°+1x50°	R2	
T4201NLW10	2LED	7W	43lm	3000K	80	1x5°+1x50°	R2	
T4201NLN00	2LED	7W	43lm	4000K	75	1x5°+1x50°	R2	
T4201NLN10	2LED	7W	43lm	4000K	75	1x5°+1x50°	R2	
T4201NLC00	2LED	7W	43lm	6000K	70	1x5°+1x50°	R2	
T4201NLC10	2LED	7W	43lm	6000K	70	1x5°+1x50°	R2	

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



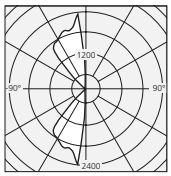
Effetto
2 large beams

○ grey-white RAL9002
● rust

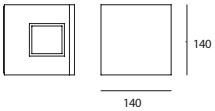
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42012LW00	2LED	7W	24,8lm	3000K	80	2x50°	R2	○
T42012LW10	2LED	7W	24,8lm	3000K	80	2x50°	R2	●
T42012LN00	2LED	7W	24,8lm	4000K	75	2x50°	R2	○
T42012LN10	2LED	7W	24,8lm	4000K	75	2x50°	R2	●
T42012LC00	2LED	7W	24,8lm	6000K	70	2x50°	R2	○
T42012LC10	2LED	7W	24,8lm	6000K	70	2x50°	R2	●

220/240Vac 50/60Hz electronic ballast included



—— C = 0°-180° Cd/Klm
····· C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



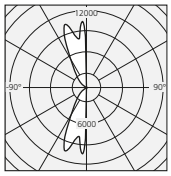
Effetto
4 narrow beams

○ grey-white RAL9002
● rust

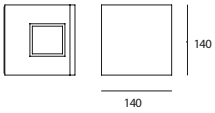
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42004NW00	4LED	11W	55lm	3000K	80	4x5°	R2	○
T42004NW10	4LED	11W	55lm	3000K	80	4x5°	R2	●
T42004NN00	4LED	11W	55lm	4000K	75	4x5°	R2	○
T42004NN10	4LED	11W	55lm	4000K	75	4x5°	R2	●
T42004NC00	4LED	11W	55lm	6000K	70	4x5°	R2	○
T42004NC10	4LED	11W	55lm	6000K	70	4x5°	R2	●

220/240Vac 50/60Hz electronic ballast included



—— C = 0°-180° Cd/Klm
····· C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



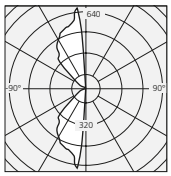
Effetto
4 large beams

○ grey-white RAL9002
● rust

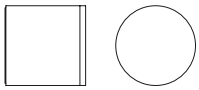
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42004LW00	4LED	11W	48lm	3000K	80	4x50°	R2	○
T42004LW10	4LED	11W	48lm	3000K	80	4x50°	R2	●
T42004LN00	4LED	11W	48lm	4000K	75	4x50°	R2	○
T42004LN10	4LED	11W	48lm	4000K	75	4x50°	R2	●
T42004LC00	4LED	11W	48lm	6000K	70	4x50°	R2	○
T42004LC10	4LED	11W	48lm	6000K	70	4x50°	R2	●

220/240Vac 50/60Hz electronic ballast included



—— C = 0°-180° Cd/Klm
····· C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



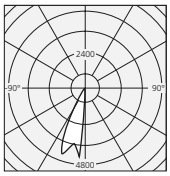
Effetto Round
1 Narrow beam

○ grey-white RAL9002
● rust

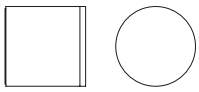
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42121NW00	1LED	4,5W	20lm	3000K	80	1x4°	R2	○
T42121NW10	1LED	4,5W	20lm	3000K	80	1x4°	R2	●
T42121NN00	1LED	4,5W	20lm	4000K	75	1x4°	R2	○
T42121NN10	1LED	4,5W	20lm	4000K	75	1x4°	R2	●
T42121NC00	1LED	4,5W	20lm	6000K	70	1x4°	R2	○
T42121NC10	1LED	4,5W	20lm	6000K	70	1x4°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



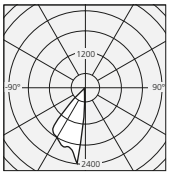
Effetto Round
1 Large beam

○ grey-white RAL9002
● rust

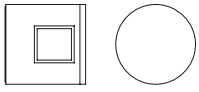
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42121LW00	1LED	4,5W	12,4lm	3000K	80	1x40°	R2	○
T42121LW10	1LED	4,5W	12,4lm	3000K	80	1x40°	R2	●
T42121LN00	1LED	4,5W	12,4lm	4000K	75	1x40°	R2	○
T42121LN10	1LED	4,5W	12,4lm	4000K	75	1x40°	R2	●
T42121LC00	1LED	4,5W	12,4lm	6000K	70	1x40°	R2	○
T42121LC10	1LED	4,5W	12,4lm	6000K	70	1x40°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



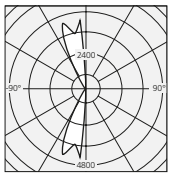
Effetto Round
2 narrow beams

○ grey-white RAL9002
● rust

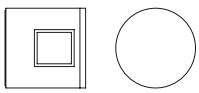
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42112NW00	2LED	7W	40lm	3000K	80	2x4°	R2	○
T42112NW10	2LED	7W	40lm	3000K	80	2x4°	R2	●
T42112NN00	2LED	7W	40lm	4000K	75	2x4°	R2	○
T42112NN10	2LED	7W	40lm	4000K	75	2x4°	R2	●
T42112NC00	2LED	7W	40lm	6000K	70	2x4°	R2	○
T42112NC10	2LED	7W	40lm	6000K	70	2x4°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



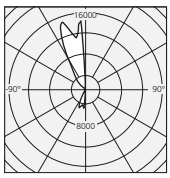
Effetto Round
1 Narrow beam
1 Large beam

○ grey-white RAL9002
● rust

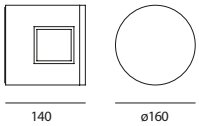
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T4211NLW00	2LED	7W	43lm	3000K	80	1x4°+1x40°	R2	○
T4211NLW10	2LED	7W	43lm	3000K	80	1x4°+1x40°	R2	●
T4211NLN00	2LED	7W	43lm	4000K	75	1x4°+1x40°	R2	○
T4211NLN10	2LED	7W	43lm	4000K	75	1x4°+1x40°	R2	●
T4211NLC00	2LED	7W	43lm	6000K	70	1x4°+1x40°	R2	○
T4211NLC10	2LED	7W	43lm	6000K	70	1x4°+1x40°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



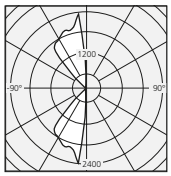
Effetto Round
2 large beams

○ grey-white RAL9002
● rust

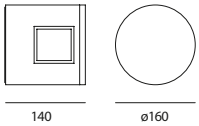
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42112LW00	2LED	7W	24,8lm	3000K	80	2x40°	R2	○
T42112LW10	2LED	7W	24,8lm	3000K	80	2x40°	R2	●
T42112LN00	2LED	7W	24,8lm	4000K	75	2x40°	R2	○
T42112LN10	2LED	7W	24,8lm	4000K	75	2x40°	R2	●
T42112LC00	2LED	7W	24,8lm	6000K	70	2x40°	R2	○
T42112LC10	2LED	7W	24,8lm	6000K	70	2x40°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



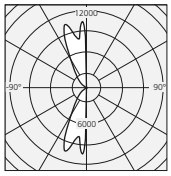
Effetto Round
4 narrow beams

○ grey-white RAL9002
● rust

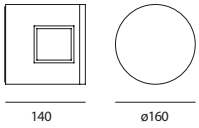
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42104NW00	4LED	11W	55lm	3000K	80	4x4°	R2	○
T42104NW10	4LED	11W	55lm	3000K	80	4x4°	R2	●
T42104NN00	4LED	11W	55lm	4000K	75	4x4°	R2	○
T42104NN10	4LED	11W	55lm	4000K	75	4x4°	R2	●
T42104NC00	4LED	11W	55lm	6000K	70	4x4°	R2	○
T42104NC10	4LED	11W	55lm	6000K	70	4x4°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall



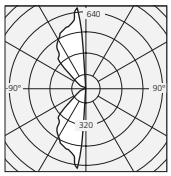
Effetto Round
4 large beams

○ grey-white RAL9002
● rust

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T42104LW00	4LED	11W	48lm	3000K	80	4x40°	R2	○
T42104LW10	4LED	11W	48lm	3000K	80	4x40°	R2	●
T42104LN00	4LED	11W	48lm	4000K	75	4x40°	R2	○
T42104LN10	4LED	11W	48lm	4000K	75	4x40°	R2	●
T42104LC00	4LED	11W	48lm	6000K	70	4x40°	R2	○
T42104LC10	4LED	11W	48lm	6000K	70	4x40°	R2	●

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°
0 ° -180 ° plane perpendicular to the wall

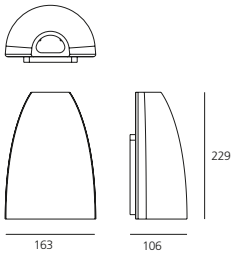
Molla

design

Ernesto Gismondi
2011

- Light fixture with 2 combined light beams: the large one with lighting function and the narrow one with decorative function.
- Wall installation. The fixture can be installed with the main beam pointed either downwards or upwards according to the kind of lighting desired (direct or indirect).
- The large beam is obtained by the combination of a monochromatic LED light source with a reflector. The narrow beam is obtained by the combination of a monochromatic LED light source with a high-performance projector.
- Available in two finishes: light grey painted and anthracite grey painted.
- Composed by lighting cap unit and terminal board fixed together by means of locking screws.
- Cap and terminal board in die-cast EN AB-47100 aluminium.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- Projector composed by a body in reinforced polymer and PMMA lenses.
- Tempered and silkscreened light-diffusing glasses, siliconed flush with the lighting cap.
- Power connection to the mains to be carried out outside the fixture, without need of opening it, by means of a pre-installed IP65 connection device suitable for cables with a diameter between 6 and 13 mm.
- Wall fixing by means of a bracket in folded steel sheet to which the fixture is fastened with two screws.
- Locking screws used outside the fixture in AISI 316 stainless steel.
- Die-cast aluminium and bracket painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Molla



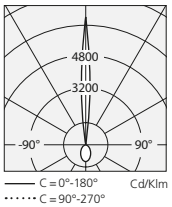
Molla

○ grey-white RAL9002
● anthracite grey

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	RG	Colour
T4190NLW00	1 LED	11W	400lm	3000K	82	90°	2	○
	1 LED	3W	63lm	3000K	80	8°	2	
T4190NLW10	1 LED	11W	400lm	3000K	82	90°	2	●
	1 LED	3W	63lm	3000K	80	8°	2	
T4190NLN00	1 LED	11W	400lm	4000K	80	90°	2	○
	1 LED	3W	63lm	4000K	75	8°	2	
T4190NLN10	1 LED	11W	400lm	4000K	80	90°	2	●
	1 LED	3W	63lm	4000K	75	8°	2	

220/240Vac 50/60Hz electronic ballast included



Calumet

design

Ernesto Gismondi
2012

- Lighting system with single or double emission, with high-performance LED light sources combined with lenses which optimize the light emitting efficiency of the beams and determine their spread.
- Available in two sizes: ø 8 e ø 13 cm.
- Ceiling and wall installation.
- Available in two finishes: light grey and painted anthracite grey painted.

Calumet wall

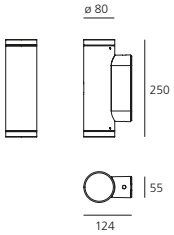
- Single or double emission version.
- Made up of lighting body, lighting cap and wall fixing bracket.
- Cylindrical body in EN AW-6060 aluminium containing the electronic power supply components.
- Optical lighting body in EN AW-6060 aluminium.
- Led and collimator lenses which swing by means of an aluminium bracket.
- Diffuser in toughened glass.
- Wall fixing bracket in bent steel.
- Water tight silicone gaskets.
- Electronic ballast integrated in the body.
- PMMA lenses with narrow beam (8,5° and 19°)
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6500K
- IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- All fixing dowels used outside the fixture are in AISI 304 stainless steel.
- The components in die-cast aluminium and the steel bracket for wall fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

Calumet ceiling

- Made up of cylindrical body, lighting cap and ceiling fixing flange.
- Cylindrical body in EN AW-6060 aluminium containing the electronic power supply components.
- Optical lighting body in EN AW-6060 aluminium
- Led and collimator lenses which swing by means of an aluminium bracket.
- Diffuser in toughened glass
- Water tight silicone gaskets.
- EN AW-6060 aluminium flange to fix the light fixture to the ceiling.
- Electronic ballast integrated in the body.
- PMMA lenses with narrow beam (8° and 32°)
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6500K
- IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- All fixing dowels used outside the fixture are in AISI 304 stainless steel.
- The components in die-cast aluminium and the steel bracket for wall fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.



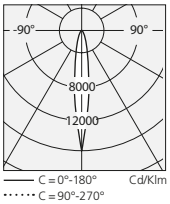
Calumet 8 wall

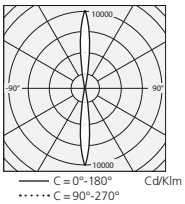
○ grey-white RAL9002
● anthracite grey

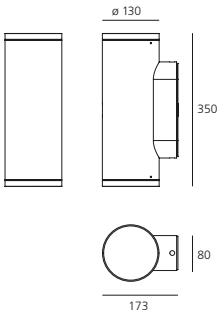
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	Colour
One emission							
T41911NW00	3 LED	4W	288lm	3000K	85	8,5°	○
T41911NW10	3 LED	4W	288lm	3000K	85	8,5°	●
T41911NN00	3 LED	4W	288lm	4000K	70	8,5°	○
T41911NN10	3 LED	4W	288lm	4000K	70	8,5°	●
T41911NC00	3 LED	4W	288lm	6500K	70	8,5°	○
T41911NC10	3 LED	4W	288lm	6500K	70	8,5°	●
Double emission							
T419220W00	6 LED	7,5W	776lm	3000K	85	2x8,5°	○
T419220W10	6 LED	7,5W	776lm	3000K	85	2x8,5°	●
T419220N00	6 LED	7,5W	776lm	4000K	70	2x8,5°	○
T419220N10	6 LED	7,5W	776lm	4000K	70	2x8,5°	●
T419220C00	6 LED	7,5W	776lm	6500K	70	2x8,5°	○
T419220C10	6 LED	7,5W	776lm	6500K	70	2x8,5°	●

220/240Vac 50/60Hz electronic ballast included







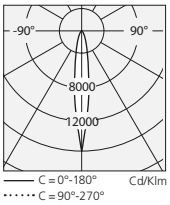
Calumet 13 wall

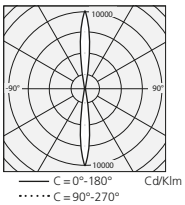
○ grey-white RAL9002
● anthracite grey

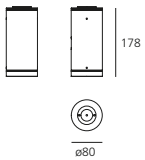
IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	Colour
One emission							
T41941LW00	4 LED	7,5W	388lm	3000K	85	9°	○
T41941LW10	4 LED	7,5W	388lm	3000K	85	9°	●
T41941LN00	4 LED	7,5W	388lm	4000K	75	9°	○
T41941LN10	4 LED	7,5W	388lm	4000K	75	9°	●
T41941LC00	4 LED	7,5W	388lm	6000K	70	9°	○
T41941LC10	4 LED	7,5W	388lm	6000K	70	9°	●
Double emission							
T41952LW00	8 LED	15W	776lm	3000K	85	2x9°	○
T41952LW10	8 LED	15W	776lm	3000K	85	2x9°	●
T41952LN00	8LED	15W	776lm	4000K	75	2x9°	○
T41952LN10	8LED	15W	776lm	4000K	75	2x9°	●
T41952LC00	8 LED	15W	776lm	6000K	70	2x9°	○
T41952LC10	8 LED	15W	776lm	6000K	70	2x9°	●

220/240Vac 50/60Hz electronic ballast included







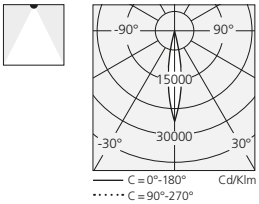
Calumet 8 ceiling

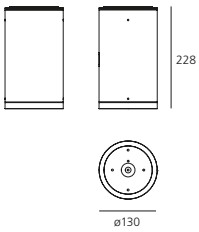
○ grey-white RAL9002
● anthracite grey

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	Colour
T41931LW00	3 LED	4W	288lm	3000K	85	24°	○
T41931LW10	3 LED	4W	288lm	3000K	85	24°	●
T41931LN00	3 LED	4W	288lm	4000K	70	24°	○
T41931LN10	3 LED	4W	288lm	4000K	70	24°	●
T41931LC00	3 LED	4W	288lm	6500K	70	24°	○
T41931LC10	3 LED	4W	288lm	6500K	70	24°	●

220/240Vac 50/60Hz electronic ballast included





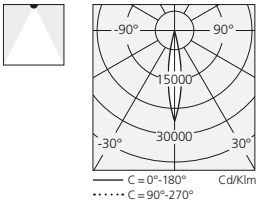
Calumet 13 ceiling

○ grey-white RAL9002
● anthracite grey

IP65

Code	LED	Total power	Flux	CCT	CRI	Beam	Colour
T41961LW00	4 LED	7,5W	388lm	3000K	80	32°	○
T41961LW10	4 LED	7,5W	388lm	3000K	80	32°	●
T41961LN00	4 LED	7,5W	388lm	4000K	75	32°	○
TT41961LN10	4 LED	7,5W	388lm	4000K	75	32°	●
T41961LC00	4 LED	7,5W	388lm	6000K	70	32°	○
T41961LC10	4 LED	7,5W	388lm	6000K	70	32°	●

220/240Vac 50/60Hz electronic ballast included



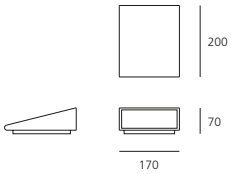
Cuneo

design

Klaus Begasse
2010

- Light fixture with direct side emission, with high-performance LED light sources. Six monochromatic LEDs are used together with six collimators and a light-diffusing prismatic screen to obtain an optimum lighting beam.
- Floor or wall installation. In the wall installation, the light can be pointed either upwards or downwards.
- Available in two finishes: light grey painted and rust painted.
- Composed by lighting cap and terminal board fixed together by means of locking screws.
- Cap and terminal board in die-cast EN AB-47100 aluminium, gaskets in silicone rubber. Electronic ballast integrated in the fixture.
- PMMA collimators installed on the LED light sources.
- Light-diffusing prismatic screen in PMMA siliconed flush with the lighting cap.
- Power connection to the mains to be carried out outside the fixture, without need of opening it, by means of a pre-installed IP65 connection device suitable for cables with a diameter between 6 and 13 mm.
- Wall installation by means of a bracket in folded steel sheet to which the fixture is fastened with two screws.
- Screws in AISI 316 stainless steel.
- All the components in die-cast aluminium and the steel bracket for wall or floor fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Cuneo



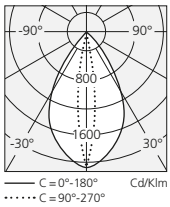
Cuneo

grey-white RAL9002
rust

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Colour
T082900	6 LED	17W	668lm	4000K	75	○
T082910	6 LED	17W	668lm	4000K	75	●

220/240Vac 50/60Hz electronic ballast included



H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,62	8599
1,0	0,26	1,23	2150
1,5	0,38	1,85	955
2,0	0,51	2,46	537
2,5	0,64	3,08	344
3,0	0,77	3,69	239

α = 32°

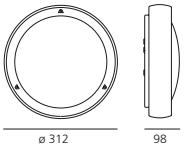
The elliptical light emission and the flat shape of the fixture make it particularly suitable for floors or spacious areas in gardens to provide a side lighting.

Niki

design

Ernesto Gismondi
1999, 2012

- Light fixture with diffuse emission, with LED sources.
- Wall and ceiling installation.
- LED version available with microwaves movement detector adjustable from 2 to 10 m and from 10 to 30 minutes, and with daylight sensor adjustable from 10 to 500 lux.
- Lamp unit in AISI316 stainless steel.
- Moulded covering frame in AISI316 stainless steel, satiny or polished finish.
- Available with two types of diffusers:
  - Moulded prismatic diffuser in sodium-calcium glass with internal satin finish;
  - Moulded prismatic shock resistant diffuser in opal UV-stabilized thermoplastic material.
- AISI 316 stainless steel screws and polyurethane seal gaskets.
- Suitable for watertight connection.
- Electronic ballast.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.



Niki

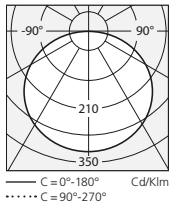
Prismatic glass diffuser

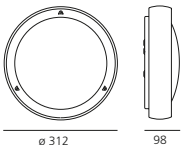
○ satiny
◐ polished

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI		Colour
L2280180	36 LED	14W	498lm	3000K	85		○
L2280190	36 LED	14W	498lm	3000K	85		◐
L2282180	36 LED	14W	498lm	3000K	85	detector + daylight	○
L2282190	36 LED	14W	498lm	3000K	85	detector + daylight	◐
L228080	36 LED	14W	498lm	4000K	80		○
L228090	36 LED	14W	498lm	4000K	80		◐
L228280	36 LED	14W	498lm	4000K	80	detector + daylight	○
L228290	36 LED	14W	498lm	4000K	80	detector + daylight	◐

220/240Vac 50/60Hz electronic ballast included





Niki

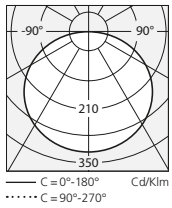
Opal polycarbonate diffuser

○ satiny
◐ polished

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI		Colour
L2281180	36 LED	14W	610lm	3000K	85		○
L2281190	36 LED	14W	610lm	3000K	85		◐
L2283180	36 LED	14W	610lm	3000K	85	detector + daylight	○
L2283190	36 LED	14W	610lm	3000K	85	detector + daylight	◐
L228180	36 LED	14W	610lm	4000K	80		○
L228190	36 LED	14W	610lm	4000K	80		◐
L228380	36 LED	14W	610lm	4000K	80	detector + daylight	○
L228390	36 LED	14W	610lm	4000K	80	detector + daylight	◐

220/240Vac 50/60Hz electronic ballast included

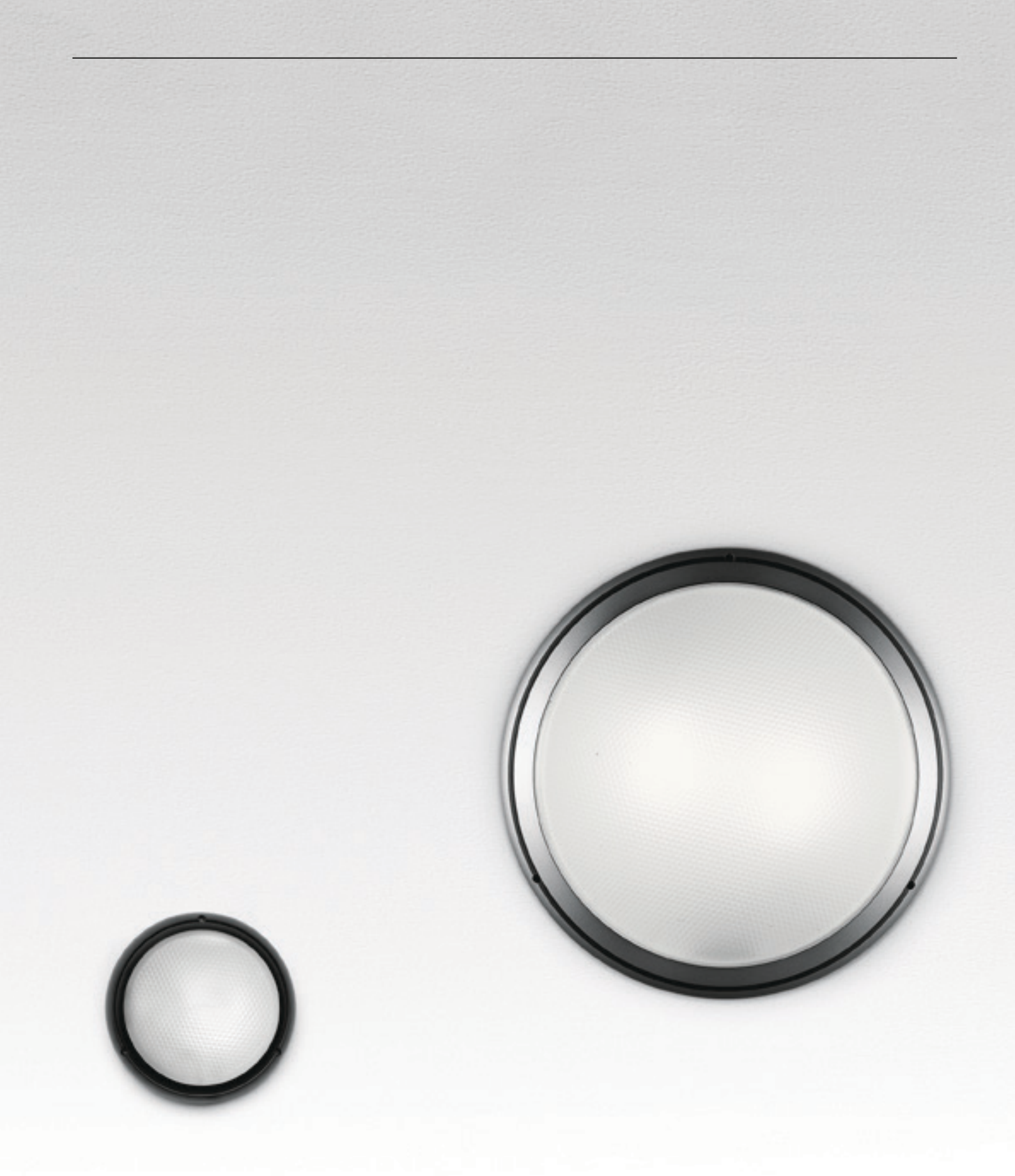


Pantarei

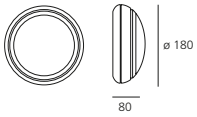
design

Ernesto Gismondi
1993, 2012

- Series of light fixtures with diffuse emission, with LED sources.
- Wall and ceiling installation.
- 3 sizes (190, 300 e 390mm).
- Available in two finishes: silver grey painted and black painted.
- Available with two types of diffusers:
  - Honeycomb moulded diffuser in internally sanded sodium-calcium glass;
  - Honeycomb moulded prismatic shock resistant diffuser in opal polycarbonate.
- Pantarei 190 can be provided with half-light screen.
- Pantarei 300 LED available with microwaves movement detector adjustable from 2 to 10 m and from 10 to 30 minutes, and with daylight sensor adjustable from 10 to 500 lux.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved:
- Insulation class I.



Pantarei 190
Pantarei 300



Pantarei 190

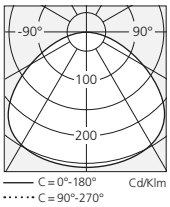
Sanded glass diffuser

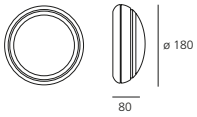
● black
● silver grey

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI	Colour
T277630	5 LED	11W	383lm	3000K	80	●
T277690	5 LED	11W	383lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included





Pantarei 190

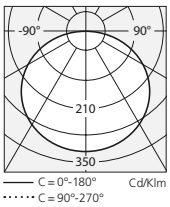
Opal polycarbonate diffuser

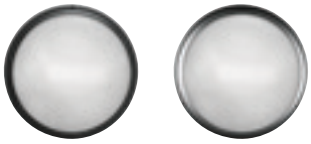
● black
● silver grey

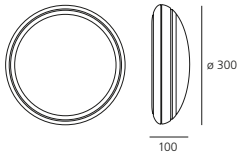
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Colour
T277730	5 LED	11W	245lm	3000K	80	●
T277790	5 LED	11W	245lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Pantarei 300

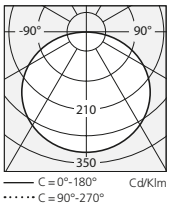
Sanded glass diffuser

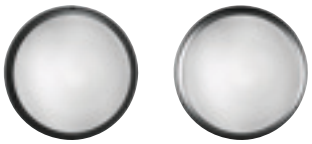
● black
● silver grey

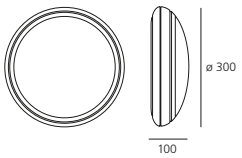
IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI		Colour
T2778130	36 LED	14W	498lm	3000K	85		●
T2778190	36 LED	14W	498lm	3000K	85		●
T2780130	36 LED	14W	498lm	3000K	85	detector + daylight	●
T2780190	36 LED	14W	498lm	3000K	85	detector + daylight	●
T277830	36 LED	14W	498lm	4000K	80		●
T277890	36 LED	14W	498lm	4000K	80		●
T278030	36 LED	14W	498lm	4000K	80	detector + daylight	●
T278090	36 LED	14W	498lm	4000K	80	detector + daylight	●

220/240Vac 50/60Hz electronic ballast included







Pantarei 300

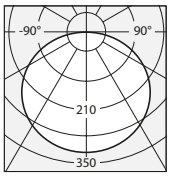
Opal polycarbonate diffuser

● black
● silver grey

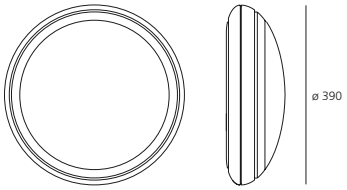
IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI		Colour
T2779130	36 LED	14W	544lm	4000K	80		●
T2779190	36 LED	14W	544lm	4000K	80		●
T2781130	36 LED	14W	544lm	4000K	80	detector + daylight	●
T2781190	36 LED	14W	544lm	4000K	80	detector + daylight	●
T277930	36 LED	14W	544lm	4000K	80		●
T277990	36 LED	14W	544lm	4000K	80		●
T278130	36 LED	14W	544lm	4000K	80	detector + daylight	●
T278190	36 LED	14W	544lm	4000K	80	detector + daylight	●

220/240Vac 50/60Hz main voltage



Pantarei 390



Pantarei 390

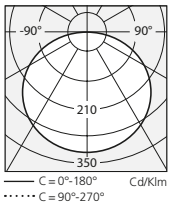
Sanded glass diffuser

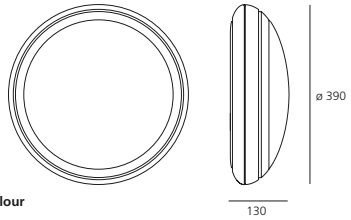
● black
● silver grey

IP65 **IK**06

Code	LED	Total power	Flux	CCT	CRI	Colour
T278230	1 LED COB	28W	860lm	3000K	80	●
T278290	1 LED COB	28W	860lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included





Pantarei 390

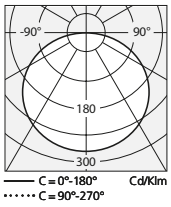
Opal polycarbonate diffuser

● black
● silver grey

IP65 **IK**10

Code	LED	Total power	Flux	CCT	CRI	Colour
T278330	1 LED COB	28W	860lm	3000K	80	●
T278390	1 LED COB	28W	860lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included



Dioscuri

design

Michele De Lucchi
1999

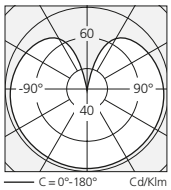
Awards:

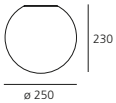
Reddot Design Award 2000 - Essen (DE)

Design Plus Light + Building 2000
Frankfurt am Main (DE)

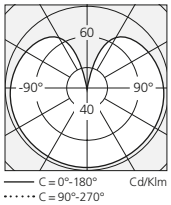
- Wall and ceiling light fixture with diffuse emission, with fluorescent or halogen sources.
- Available in 4 sizes (ø14, ø25, ø35 e ø42 cm).
- Wall support in thermoplastic resin.
- Acid-etched blown glass diffuser, milk white colour.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

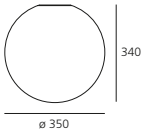
	Code	Light source
Dioscuri 14 Blown glass diffuser **IP**65	1039010A	HALO max 1x60W (G9) - ECO
	220/240Vac 50/60Hz	main voltage



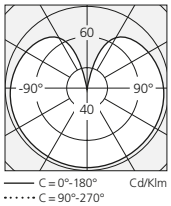


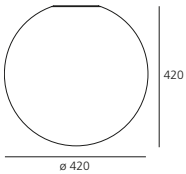
	Code	Light source
Dioscuri 25 Blown glass diffuser **IP**65	0112010A	HALO max 1x70W (E27) - ECO or FLUO 1x20W (E27) - TC-TSE or LED max 17W (E27)
	220/240Vac 50/60Hz	main voltage



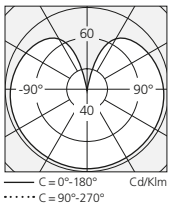


	Code	Light source
Dioscuri 35 Blown glass diffuser **IP**65	0116010A	HALO max 1x105W (E27) - ECO or FLUO 1x23W (E27) - TC-TSE or LED max 17W (E27)
	220/240Vac 50/60Hz	main voltage





	Code	Light source
Dioscuri 42 Blown glass diffuser **IP**65	0117010A	HALO max 1x105W (E27) - ECO or FLUO 1x23W (E27) - TC-TSE or LED max 17W (E27)
	220/240Vac 50/60Hz	main voltage

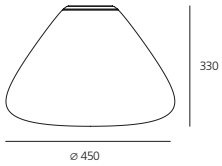


Capsule

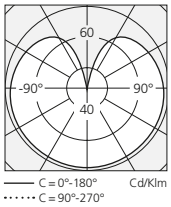
design

Ross Lovegrove
2011

- Ceiling light fixture with diffuse emission, with fluorescent or halogen sources.
- Wall support in thermoplastic resin.
- Acid-etched blown glass diffuser, milk white colour.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.



	Code	Light source
Capsule Blown glass diffuser **IP**65	1604010A	HALO max 1x105W (E27) - ECO or FLUO 1x23W (E27) - TC-TSE or LED max 17W (E27)
	220/240Vac 50/60Hz	main voltage

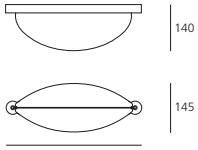


Mitasi

design

Ernesto Gismondi
1991

- Wall/ceiling light fixture with diffuse emission, with fluorescent or halogen light sources.
- Horizontal or vertical installation.
- Available in two finishes: silver grey painted and black painted.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.



Code	Light source	Colour

Mitasi

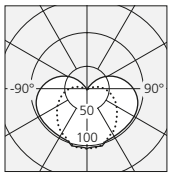
● black
● silver grey

Blown glass diffuser

IP65

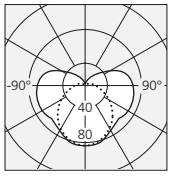
T052310	HALO max 2x28W (E14) - ECO	●
T052390	HALO max 2x28W (E14) - ECO	●

220/240Vac 50/60Hz main voltage



T052210	FLUO 1x26W (G24d-3) - TC-D	●
T052290	FLUO 1x26W (G24d-3) - TC-D	●

220/240Vac 50/60Hz ballast included



T087100	Directional screen

Chilone

design

Ernesto Gismondi
2009

- Series of light fixtures with direct emission, with high-performance LED light sources.
- Floor, pole or wall installation.
- Available in two finishes: light grey painted and rust painted.

Chilone wall

- It can be installed with the light pointed either downwards or upwards.
- Composed by lamp, lamp support and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Wall support in steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Wall support included

Chilone pole

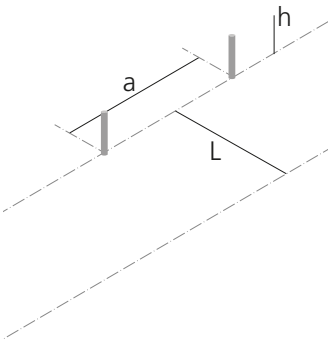
- Height 250 cm
- Composed by lamp, lamp support and ground fixing pole.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Ground fixing pole in painted extruded EN-AW-6060 aluminium. It must be installed by means of a proper foundation plinth.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

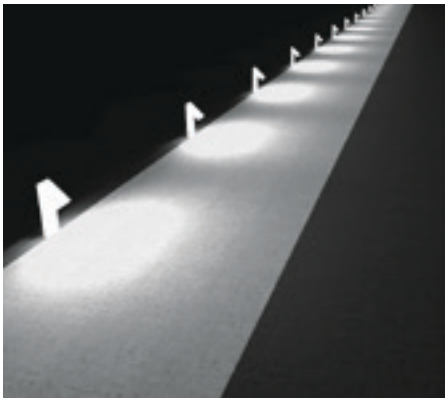
Chilone floor

- Available with downward emission in two heights (h4 5cm and h 90cm) and with upward emission (Chilone Up).
- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Chilone floor 45

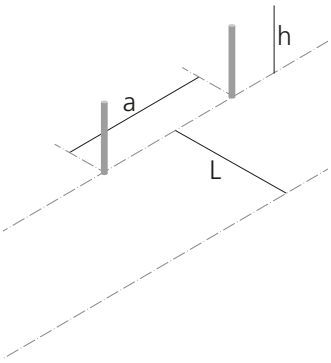
LED 7W			Lighting application		
h	L	a	Em	Emax	Emin
0.45 m	1.0 m	3.0 m	55 lux	300 lux	1.5 lux

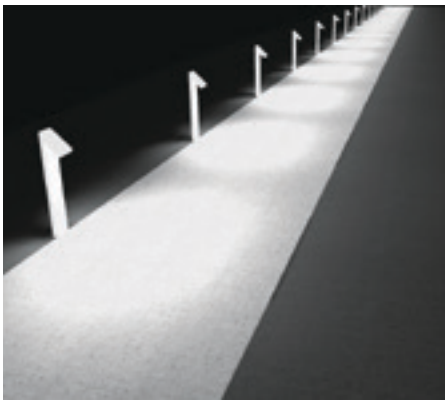




Chilone floor 90

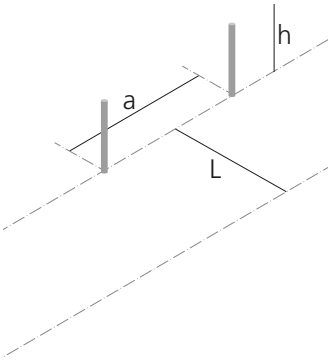
LED 7W			Lighting application		
h	L	a	Em	Emax	Emin
0.90 m	1.0 m	4.0 m	32 lux	115 lux	1.5 lux

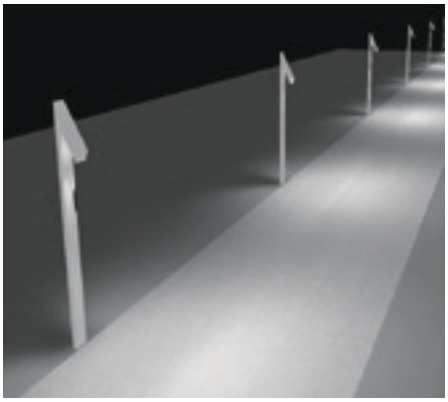




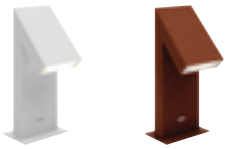
Chilone pole

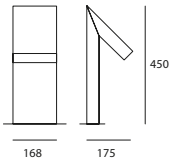
LED 15W			Lighting application		
h	L	a	Em	Emax	Emin
2.50 m	2.5 m	9.25 m	8 lux	19 lux	1.5 lux





Ranco (Varese) - IT





Chilone floor 45

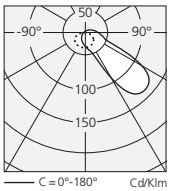
○ grey-white RAL9002
● rust

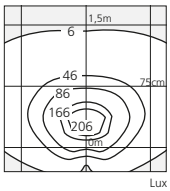
Mounting plate included

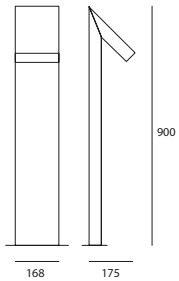
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T082200	6 LED	7W	232lm	3000K	80	○
T082210	6 LED	7W	232lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Chilone floor 90

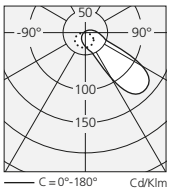
○ grey-white RAL9002
● rust

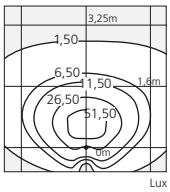
Mounting plate included

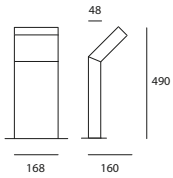
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T082100	6 LED	7W	232lm	3000K	80	○
T082110	6 LED	7W	232lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Chilone Up

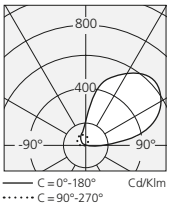
○ grey-white RAL9002
● rust

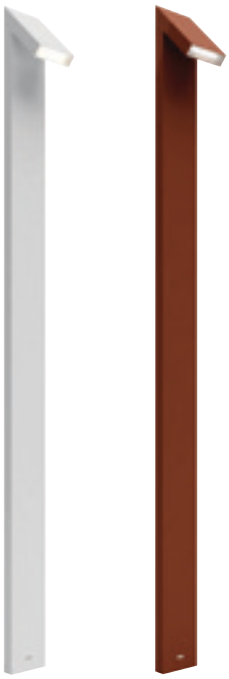
Mounting plate included

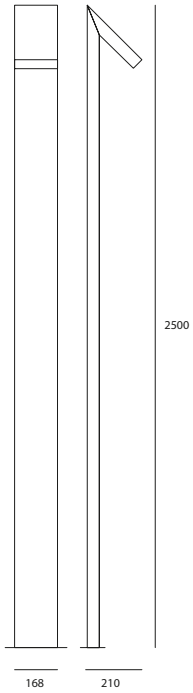
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T082300	6 LED	15W	621lm	3000K	80	○
T082310	6 LED	15W	621lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Chilone pole

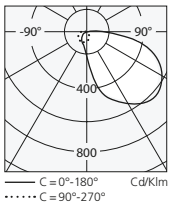
○ grey-white RAL9002
● rust

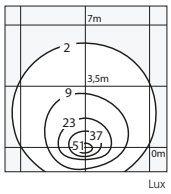
Ground pole included

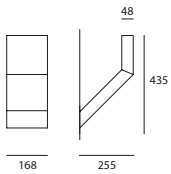
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T082000	6 LED	15W	621lm	3000K	80	○
T082010	6 LED	15W	621lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Chilone wall

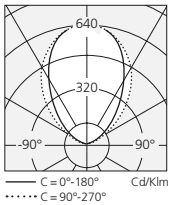
○ grey-white RAL9002
● rust

Wall support included

IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T082400	6 LED	15W	630lm	3000K	80	○
T082410	6 LED	15W	630lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included



Ciclope

design

Alessandro Pedretti
(Studio Rota & Partners)
2009

- Lighting system with diffuse unilateral or bilateral emission, with high-performance LED light sources.
- Light emission is obtained by the combination of six monochromatic LED light sources, a reflector and an opaline diffuser.
- Floor, wall or recessed installation.
- Available in two finishes: light grey painted and rust painted.

Ciclope floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 90cm).
- Stem in extruded EN AW-6060 aluminium.
- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - reflector in painted spun aluminium;
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- Ground mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope recessed

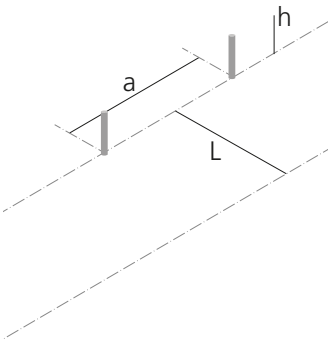
- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - riflettore in alluminio tornito in lastra e verniciato
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Recessing box in reinforced polymer, can be ordered separately.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope wall

- Box in extruded EN AW-6060 aluminium.
- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - reflector in painted spun aluminium;
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

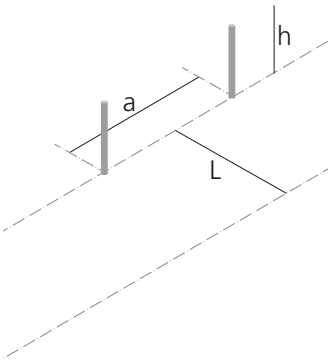
Ciclope floor 50 unilateral

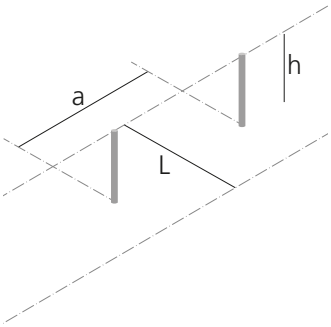
LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	2.9 m	44 lux	300 lux	1.5 lux



Ciclope floor 90 unilateral/bilateral

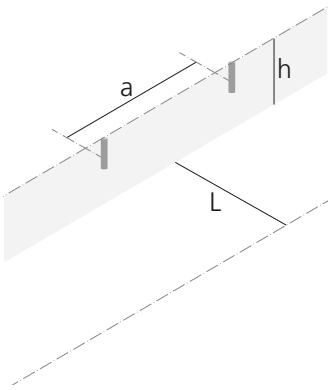
LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.5 m	32 lux	11 lux	1.5 lux

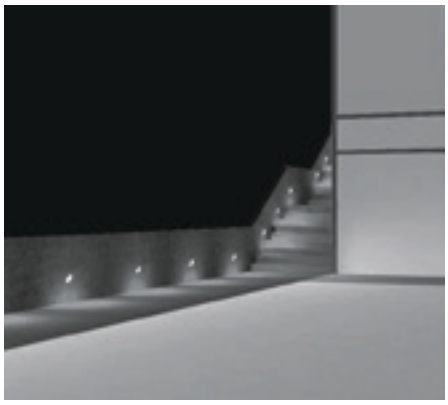


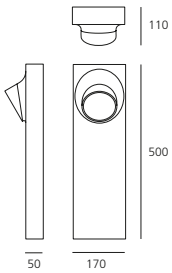


Ciclope wall/recessed

LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	2.9 m	44 lux	300 lux	1.5 lux







Ciclope floor 50
Unilateral

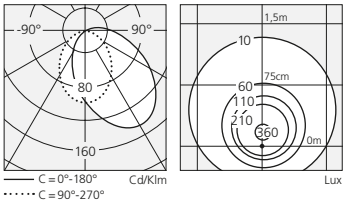
○ grey-white RAL9002
● rust

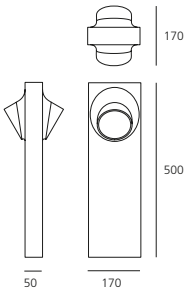
Mounting plate included

IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081000	5LED	6,5W	284lm	3000K	80	○
T081010	5LED	6,5W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included





Ciclope floor 50
Bilateral

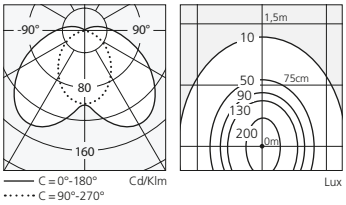
○ grey-white RAL9002
● rust

Mounting plate included

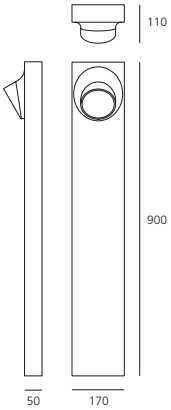
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081300	10LED	2x6,5W	568lm	3000K	80	○
T081310	10LED	2x6,5W	568lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included



Ciclope floor 90



Ciclope floor 90
Unilateral

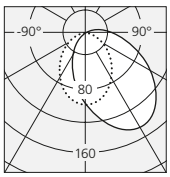
○ grey-white RAL9002
● rust

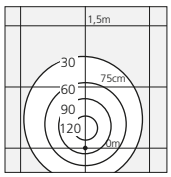
Mounting plate included

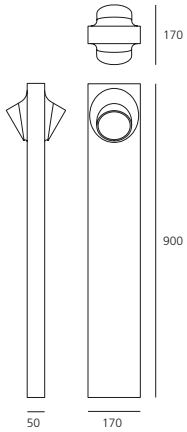
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081100	5LED	6,5W	284lm	3000K	80	○
T081110	5LED	6,5W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Ciclope floor 90
Bilateral

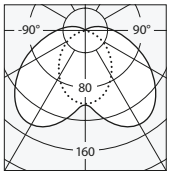
○ grey-white RAL9002
● rust

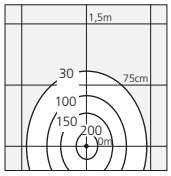
Mounting plate included

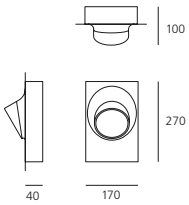
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081400	10LED	2x6,5W	568lm	3000K	80	○
T081410	10LED	2x6,5W	568lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Ciclope recessed

○ grey-white RAL9002
● rust

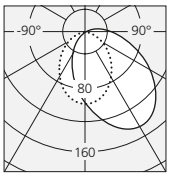
Recessing box
supplied separately

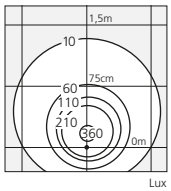
IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081500	5LED	6,5W	284lm	3000K	80	○
T081510	5LED	6,5W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included

T081600	Recessing box



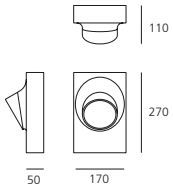


Recessed hole
230 x 330 x 50 mm

Recessing box
201 x 300 x 48,5 mm

Lighting unit

Aesthetic cover



Ciclope wall

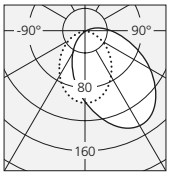
○ grey-white RAL9002
● rust

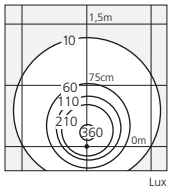
Wall support included

IP65

Code	LED	Total power	Flux	CCT	CRI	Colour
T081200	5LED	6,5W	284lm	3000K	80	○
T081210	5LED	6,5W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included





Nuda

design

Ernesto Gismondi
2010

- Series of light fixtures with direct unilateral or bilateral emission, with high-performance LED light sources.
- Floor and recessed installation.
- Available in two finishes: grey-white painted and rust painted.

Nuda floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 100cm).
- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Specular reflector in aluminium. It conveys and diffuses the luminous flow downwards ensuring visual comfort.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

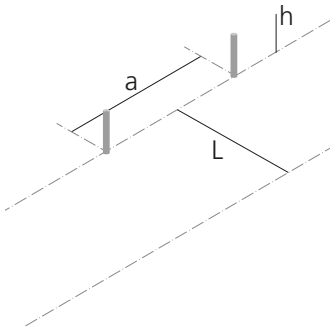
Nuda recessed

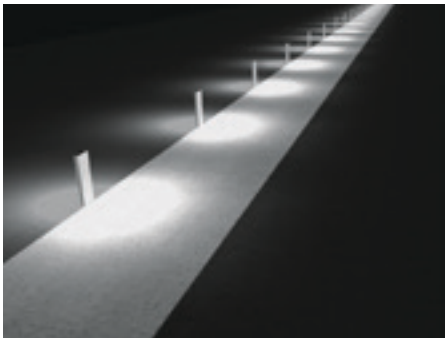
- Composed by lamp and recessing box for recessed wall installation.
- Lamp unit in painted die-cast EN-AB 44100 aluminium, complete with holding plate for electrical components.
- Specular reflector in aluminium. It conveys and diffuses the luminous flow downwards ensuring visual comfort.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Aesthetic cover in painted aluminium.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector suitable for H07RN-F cables with a diameter from 5 to 13.5 mm for the mains connection.
- Recessing box in reinforced polymer, can be ordered separately.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

Nuda floor 50 unilateral

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	195 lux	576 lux	1.5 lux



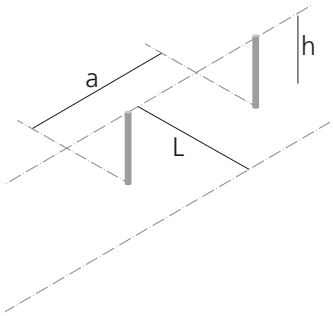


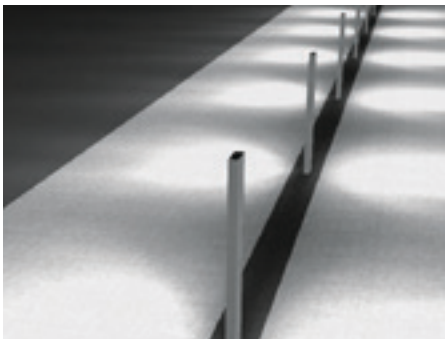
Nuda floor 100 unilateral

LED 17W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	48 lux	141 lux	1.5 lux

Nuda floor 50 bilateral

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	87 lux	501 lux	1.5 lux





Nuda floor 100 bilateral

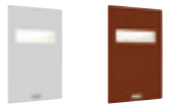
LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	21 lux	125 lux	1.5 lux

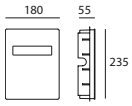
Recessed hole
200 x 260 x 60 mm

Recessing box
190 x 250 x 55 mm

Lighting unit

Aesthetic cover





Nuda recessed

○ grey-white RAL9002
● rust

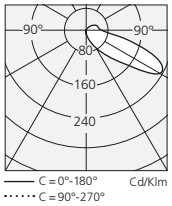
Recessing box
supplied separately

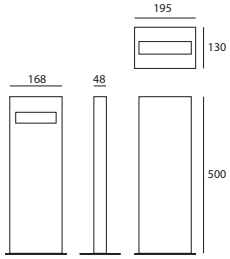
IP65

Code	LED	Total Power	Flux	CCT	CRI	Colour
T083500	6LED	7W	181lm	3000K	80	○
T083510	6LED	7W	181lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included

T083400	Recessing box





Nuda floor 50 unilateral

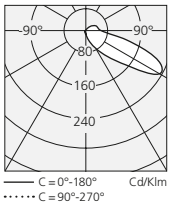
○ grey-white RAL9002
● rust

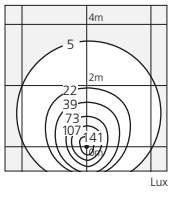
Mounting plate included

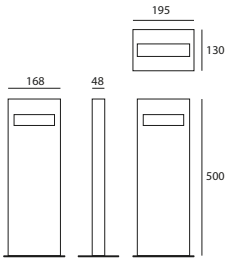
IP65

Code	LED	Total Power	Flux	CCT	CRI	Colour
T083600	6LED	7W	181lm	3000K	80	○
T083610	6LED	7W	181lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Nuda floor 50 bilateral

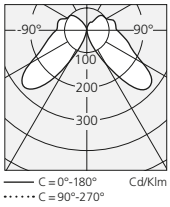
○ grey-white RAL9002
● rust

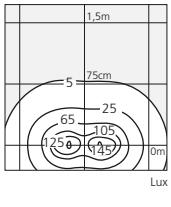
Mounting plate included

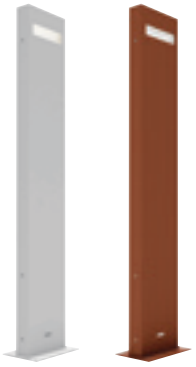
IP65

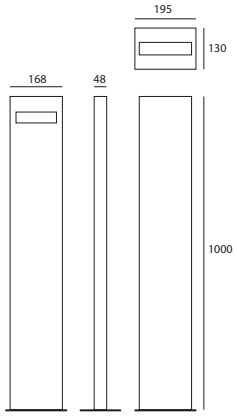
Code	LED	Total Power	Flux	CCT	CRI	Colour
T083700	6LED	7W	181lm	3000K	80	○
T083710	6LED	7W	181lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included









Nuda floor 100 unilateral

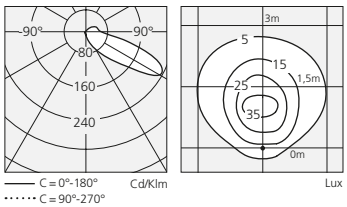
- grey-white RAL9002
- rust

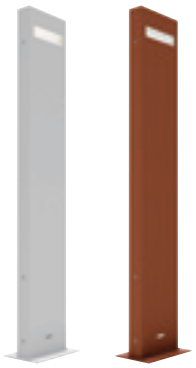
Mounting plate included

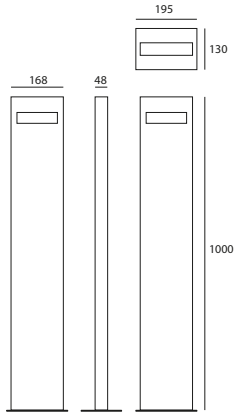
IP65

Code	LED	Total Power	Flux	CCT	CRI	Colour
T083800	6LED	15W	284lm	3000K	80	○
T083810	6LED	15W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included







Nuda floor 100 bilateral

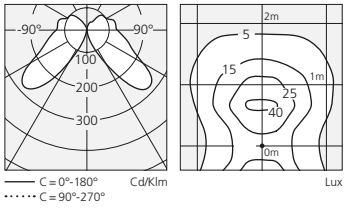
- grey-white RAL9002
- rust

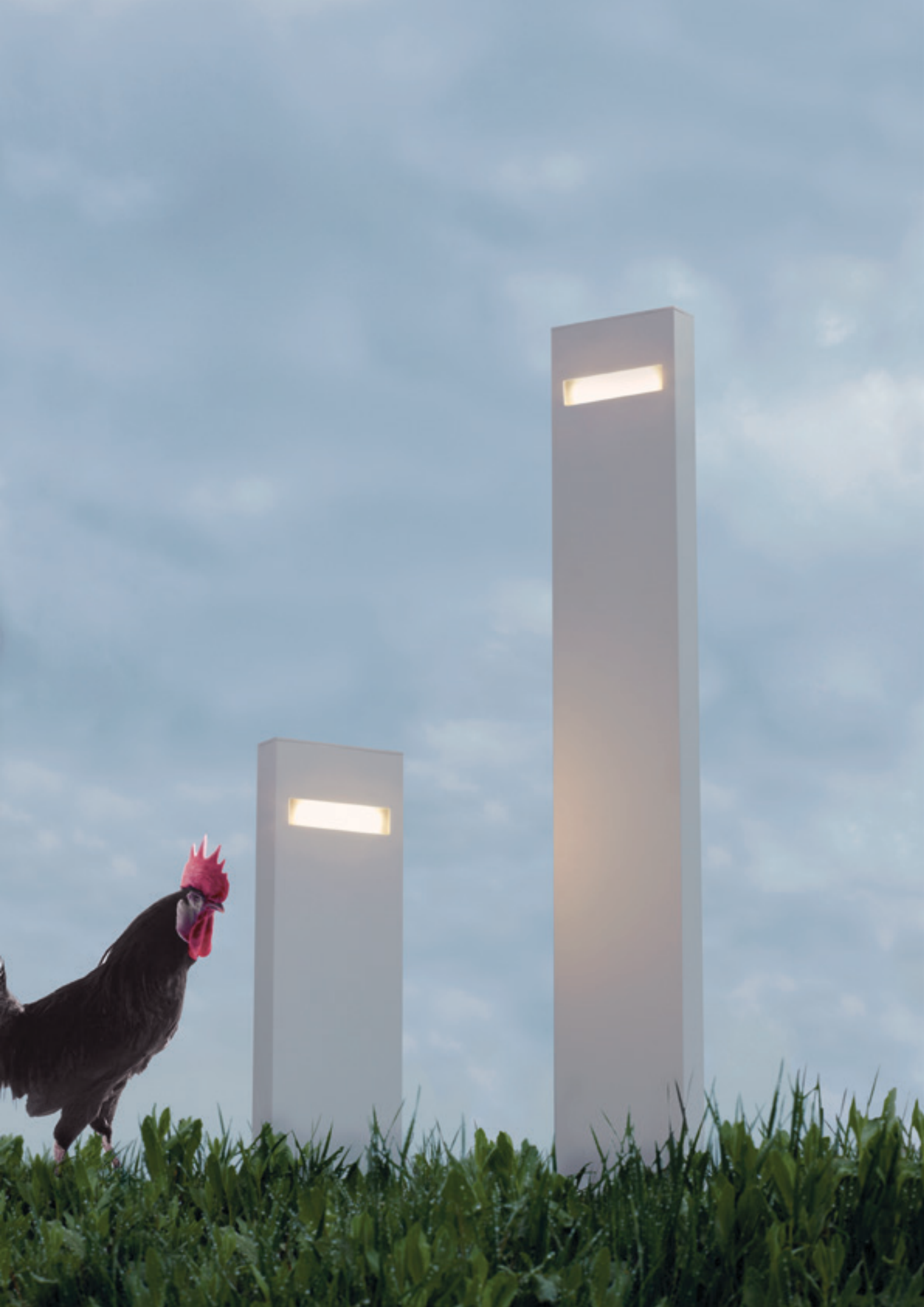
Mounting plate included

IP65

Code	LED	Total Power	Flux	CCT	CRI	Colour
T083900	6LED	15W	284lm	3000K	80	○
T083910	6LED	15W	284lm	3000K	80	●

220/240Vac 50/60Hz electronic ballast included





Tetragono

design

Ernesto Gismondi
2013

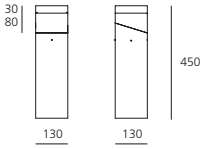
- Light fixtures with high-performance monochromatic LED light sources.
- Floor and wall installation.

Tetragono floor

- Consists of lamp and supporting pole.
- Lamp support in extruded EN-AW-6060 aluminium, subjected to chromate treatment and painted, height 900mm, with painted steel base flange, with holes for floor installation by means of log bolts or dowels.
- Lighting unit in die-cast EN-AB 47100 aluminium painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Provided with metalized polycarbonate reflectors.
- UV resistant diffuser in shock resistant polycarbonate with bright finish.
- AISI 316 fixing screws and silicone gaskets.
- Provided with cable and IP67 connector for the connection to the mains suitable for 5-13.5mm diameter cables.
- IP Rating IP65.
- Insulation class I.
- Technical features in compliance with EN60598-1.

Tetragono wall

- Light fixture with radial light emission.
- Consists of body and wall fixing plate.
- Lamp support in extruded EN-AW-6060 aluminium, subjected to chromate treatment and painted, height 50 mm, with painted steel base flange, with holes for wall installation.
- Lighting unit in die-cast EN-AB 47100 aluminium painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Provided with metalized polycarbonate reflectors.
- UV resistant diffuser in shock resistant polycarbonate with bright finish.
- AISI 316 fixing screws and silicone gaskets.
- Provided with cable and IP67 connector for the connection to the mains suitable for 5-13.5mm diameter cables.
- IP Rating IP65.
- Insulation class I.
- Technical features in compliance with EN60598-1.



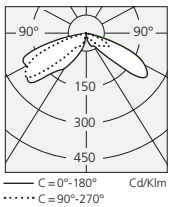
	Code	LED	Total power	Flux	CCT	CRI
Tetragono floor 45	T417100W00	1LED COB	30W	1630lm	3000K	80

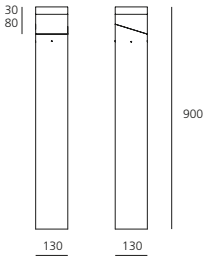
220/240Vac 50/60Hz electronic ballast included

● anthracite grey

Mounting plate included

IP65





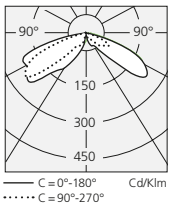
	Code	LED	Total power	Flux	CCT	CRI
Tetragono floor 90	T417200W00	1LED COB	30W	1630lm	3000K	80

220/240Vac 50/60Hz electronic ballast included

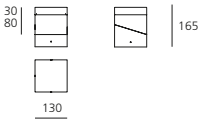
● anthracite grey

Mounting plate included

IP65



Tetragono wall



Code	LED	Total power	Flux	CCT	CRI
T417300W00	1LED COB	30W	1630lm	3000K	80

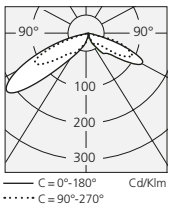
220/240Vac 50/60Hz electronic ballast included

Tetragono wall

● anthracite grey

Wall support included

IP65



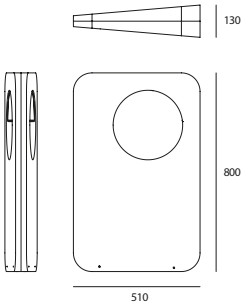
Eraclea

design

Neil Poulton
2011

- Light fixture with direct emission, with high-performance monochromatic LED light sources.
- Floor installation.
- Grey-white RAL9002 finish.
- Composed by support with lamp compartment, lamp and accessory compartment.
- Lamp unit in die-cast EN-AB 47100 aluminium, painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in transparent shock resistant polycarbonate.
- Painted trapezoidal lamp support in vibrated concrete, with galvanized reinforcing ring for fixing to the base.
- Accessory compartment in polymers with closure cover in AISI 316.
- Hot galvanized steel mounting plate, with holes for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Eraclea



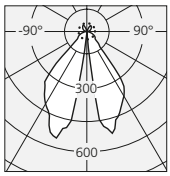
Code	LED	Total Power	Flux	CCT	CRI
T085300	6 LED	8W	284lm	4000K	75

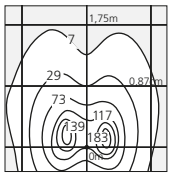
220/240Vac 50/60Hz electronic ballast included

Eraclea

grey-white RAL9002

IP65





Reeds

design

Klaus Begasse
2013

- Floor light fixture with diffuse emission, with monochromatic LED light sources.
- Available with IP20 protection degree for indoors, IP67 and IP68 for outdoors.
- Light is diffused through 7 PMMA rods with different heights to give the impression of a groove of reeds and which can be screwed to the base by means of AISI 316 stainless steel bushes. Part of the light is also diffused on the floor around the base.
- The base has an irregular shape, which has been designed to allow a «mosaic» connection with other light fixtures so as to create an elaborate composition as needed.
- IP67 and IP68 versions are available in Single or Triple shape.

Reeds IP20

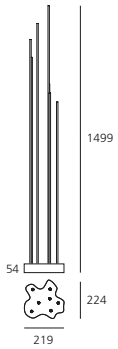
- Consists of a base made up of a transparent polycarbonate casing
- Installed between 2 aluminium plates and anti-scratch support feet.
- Technopolymer aesthetic cover.
- Complete with integrated ballast and plug with transparent cable. Switching on and off are performed by means of the pedal push button located on the cable.
- Technical features in compliance with EN60598-1
- Insulation class II.

Reeds IP67

- Consists of a base made up of a transparent polycarbonate casing installed between 2 AISI316 stainless steel plates fixed by means of AISI316 stainless steel screws. Water sealing is assured by a silicone gasket. The light fixture can be fastened to the floor by means of the holes in the lower plate. Technopolymer aesthetic cover.
- Complete with integrated ballast and supplied with a 1.5 m-long H05RN-F 2x1 cable provided with IP67 connector for the electrical connection to the mains suitable for 5-13.5mm diameter cables.
- Technical features in compliance with EN60598-1
- Insulation class II.

Reeds IP68

- Consists of a base made up of a transparent polycarbonate casing installed between 2 AISI316 stainless steel plates fixed by means of AISI316 stainless steel screws. Water sealing is assured by a silicone gasket. The light fixture can be fastened to the floor by means of the holes in the lower plate. Technopolymer aesthetic cover.
- The light fixture is supplied with 24V DC power and is provided with a 5 m-long H05RN-F 2x1 cable with IP68 connector for the electrical connection to the mains suitable for 5-13.5mm diameter cables.
- Technical features in compliance with EN60598-1 and section 2-18.
- Insulation class III.



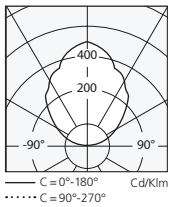
Code	LED	Total Power	Flux	CCT	CRI

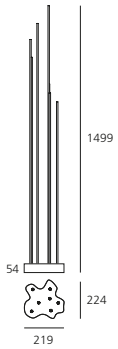
Reeds IP20
● anthracite grey

IP20

T087300	7LED	10W	315lm	3000K	80

220/240Vac 50/60Hz electronic ballast included





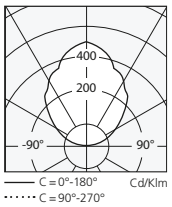
Code	LED	Total Power	Flux	CCT	CRI

Reeds IP67
● anthracite grey

IP67

T087400	7LED	10W	315lm	3000K	80

220/240Vac 50/60Hz electronic ballast included



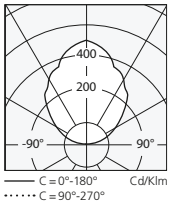
Code	LED	Total Power	Flux	CCT	CRI

Reeds IP67 triple
● anthracite grey

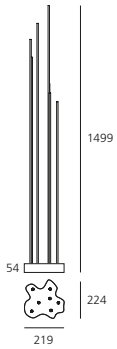
IP67

T087700	21LED	30W	945lm	3000K	80

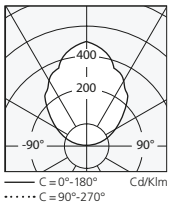
220/240Vac 50/60Hz electronic ballast included

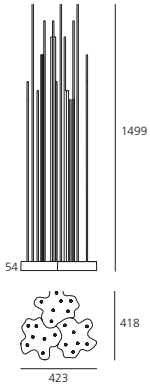


Danese Miano, Milan - (IT)

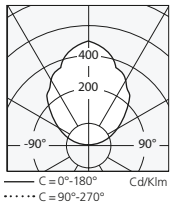


	Code	LED	Total Power	Flux	CCT	CRI
Reeds IP68 ● anthracite grey **IP**68	T087500	7LED	10W	315lm	3000K	80
	24Vdc nelectronic ballast included					





	Code	LED	Total Power	Flux	CCT	CRI
Reeds IP68 triple ● anthracite grey **IP**68	T087800	21LED	30W	945lm	3000K	80
	24Vdc nelectronic ballast included					

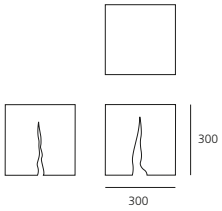


Granito

design

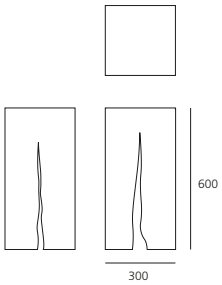
Ernesto Gismondi
2010

- Light fixture with metal halide sources.
- The four light beams projected through the fissures on the sides make it particularly suitable for lighting drives or creating light effects in parks and gardens.
- Available in two heights (h 30cm and h 60cm).
- Lamp unit in Cor-ten (weathering steel).
- Transparent sodium-calcium bulb protection glass.
- Ground mounting plate in steel with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Electronic ballast.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.



	Code	Source
Granito 30	T083000	METAL HALIDE 1x35W (G12) – HIT
rust Cor-ten	220/240Vac 50/60Hz electronic ballast included	

IP65



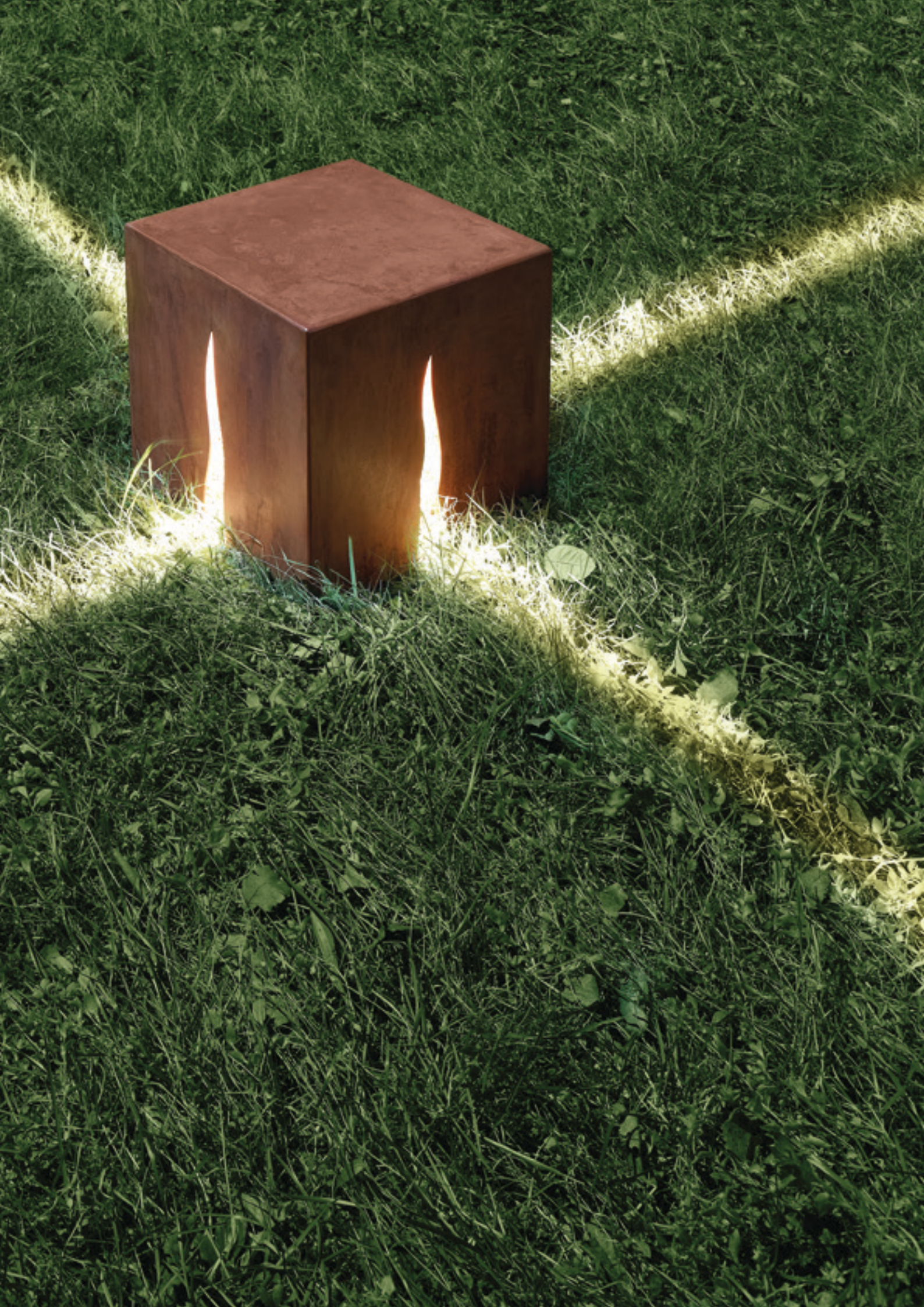
	Code	Source
Granito 60	T083100	METAL HALIDE 1x35W (G12) – HIT
rust Cor-ten	220/240Vac 50/60Hz electronic ballast included	

IP65

The colour of Cor-ten steel may change in time depending on weather conditions. Before stabilization, Cor-ten steel may release rust powder that may stain the surface where it is placed.

Artemide recommends not to position it on sensitive surfaces, such as clear stones, marbles, etc.

Ranco (Varese) - IT



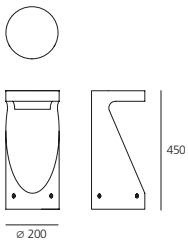
Ippolito

design

Alessandro Pedretti
(Studio Rota & Partners)
2011

- Light fixture with direct emission, with a unique high-performance monochromatic COB LED.
- Floor installation.
- Available in two heights (h 45cm and h 90cm).
- Composed by support with lamp compartment, lamp and ballast compartment.
- Cylindrical lamp support in engineering polymer (compact polyurethane), with co-molded galvanized steel reinforcing elements. Painted with polyurethane resistant to atmospheric and chemical agents.
- Fixture head in die-cast EN-AB 47100 aluminium, painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in transparent shock resistant polycarbonate.
- Accessory compartment in polymers with closure cover in AISI 316.
- Hot galvanized steel mounting plate, with holes for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

Ippolito

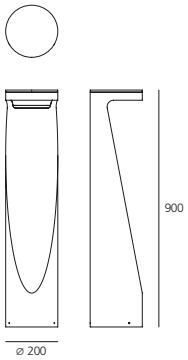


	Code	LED	Total Power	Flux	CCT	CRI
Ippolito 45	T085100	1 LED COB	14,9W	1050lm	3000K	80

220/240Vac 50/60Hz electronic ballast included

anthracite grey/ light grey

IP65



	Code	LED	Total Power	Flux	CCT	CRI
Ippolito 90	T085000	1 LED COB	14,9W	1050lm	3000K	80

220/240Vac 50/60Hz electronic ballast included

anthracite grey/ light grey

IP65

Illo
Catilina
Aglaia

design

Sergio Mazza

- Series of light fixtures with diffuse emission, with halogen or fluorescent sources.
- Floor, wall and ceiling installation.

Illo

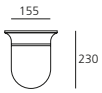
- Ceiling installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Catilina

- Wall or floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Aglaia

- Floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Pole in painted aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.



Code	Source
T053110	HALO max 1x70W (E27) - ECO or FLUO 1x20W (E27) - TC-TSE or LED max 17W (E27)

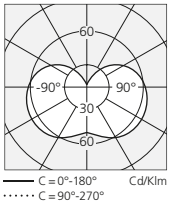
Vorschaltgerät 220/240Vdc 50/60Hz

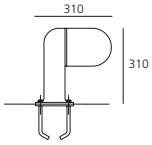
Illo

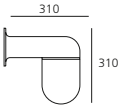
● dark grey

Ceiling installation
Diffuser
in opal blown glass

IP44







Code	Source
T053010	HALO max 1x70W (E27) - ECO or FLUO 1x20W (E27) - TC-TSE or LED max 17W (E27)

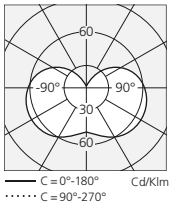
Vorschaltgerät 220/240Vdc 50/60Hz

Catilina

● dark grey

Floor/wall installation
Diffuser
in opal blown glass

IP44



Code	Source
T052010	HALO max 1x70W (E27) - ECO or FLUO 1x20W (E27) - TC-TSE or LED max 17W (E27)

Vorschaltgerät 220/240Vdc 50/60Hz

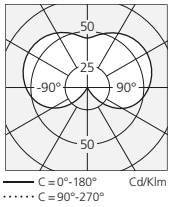
T053710	Pole H 50 cm
T053810	Pole H 100 cm
T053900	Floor mounting plate

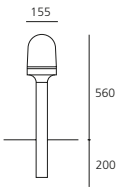
Aglaia

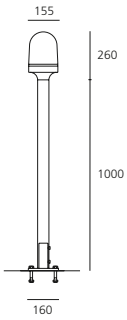
● dark grey

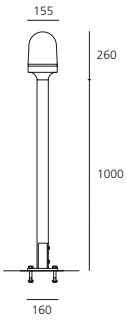
Floor installation
Diffuser
in opal blown glass
Pole and mounting plate
to be ordered separately

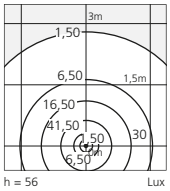
IP44

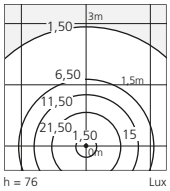


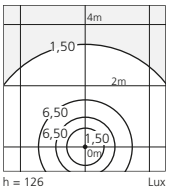












Teseo

design

Ernesto Gismondi
1984

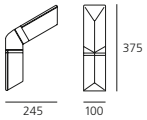
- Light fixture with diffuse emission, with fluorescent sources.
- Floor or wall installation.

Teseo wall

- Lamp support in extruded EN-AW-6060 aluminium with natural anodizing treatment.
- Lamp unit in black thermoplastic material.
- Shock resistant ultrasonic welded diffuser in UV-stabilized opal thermoplastic material.
- Stainless steel screws and silicone ethylene propylene seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP43.
- Insulation class I.

Teseo floor

- Available in two heights (h 44 and h 89cm).
- Lamp support in extruded EN-AW-6060 aluminium with natural anodizing treatment.
- Lamp unit in black thermoplastic material.
- Shock resistant ultrasonic welded diffuser in UV-stabilized opal thermoplastic material.
- Fixing: pole with ground mounting plate or underground pole.
- Stainless steel screws and silicone ethylene propylene seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- Insulation class I.



Code	Source

Teseo wall

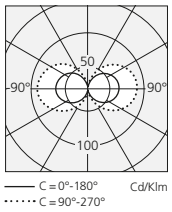
silver grey/black

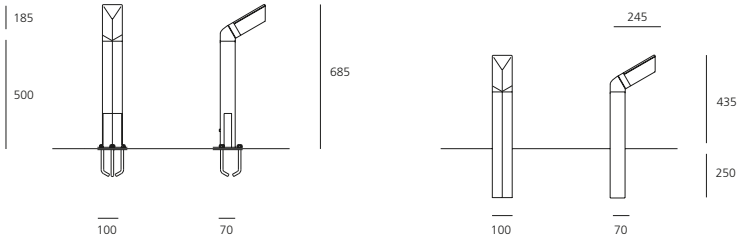
Mounting plate
to be ordered separately

IP43

T056100	FLUO 1x11W (G23) - TC-S

220/240Vac 50/60Hz ballast included





Code	Source

Teseo floor 50

silver grey/black

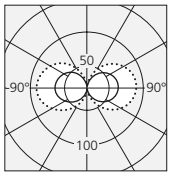
Underground pole included

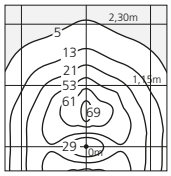
IP44

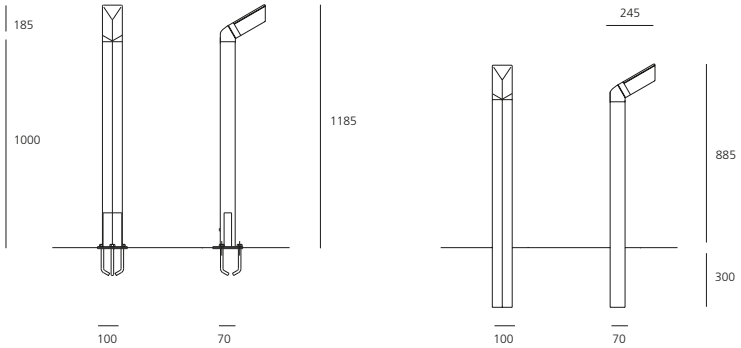
T056000	FLUO 1x11W (G23) - TC-S	H=68cm

220/240Vac 50/60Hz ballast included

T051010	Ground mounting plate







Code	Source

Teseo floor 110

silver grey/black

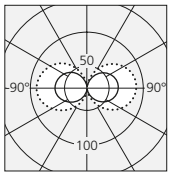
Underground pole included

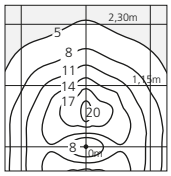
IP44

T051000	FLUO 1x11W (G23) - TC-S	H=118cm

220/240Vac 50/60Hz ballast included

T051010	Ground mounting plate





Alcesti

design

Ernesto Gismondi
1992

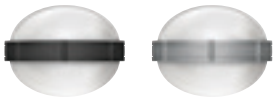
- Series of light fixtures with diffuse emission, with fluorescent sources.
- Floor and wall installation.
- Available in two finishes: black painted and silver grey painted.

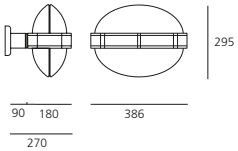
Alcesti wall

- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass, with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP55.
- ENEC approved.
- Insulation class I.

Alcesti floor

- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Pole in galvanized and powder-painted steel, available in two heights (h=130 and h=230cm).
- Fixing with ground mounting plate or underground pole.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass, with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP55.
- ENEC approved.
- Insulation class I.





Alcesti Wall

● black
● silver grey

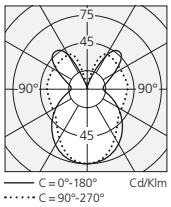
Diffuser in sanded glass
Wall support to be ordered separately

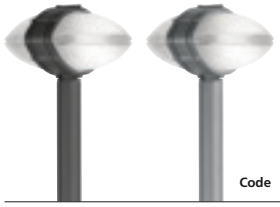
IP55

Code	Source	Colour
T052400	FLUO 2x26W (G24d-3) - TC-D	●
T052490	FLUO 2x26W (G24d-3) - TC-D	●

220/240Vac 50/60Hz ballast included

T087200	Directional screen	
T053300	Wall support	●
T053390	Wall support	●





Alcesti floor

● black
● silver grey

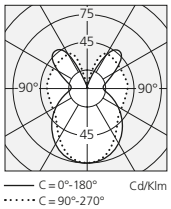
Diffuser in sanded glass
Pole and ground mounting plate to be ordered separately

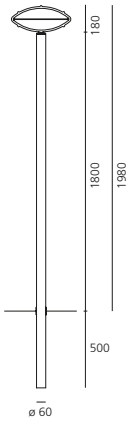
IP55

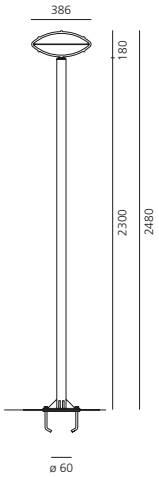
Code	Source		Colour
T052400	FLUO 2x26W (G24d-3) - TC-D	H=68cm	●
T052490	FLUO 2x26W (G24d-3) - TC-D	H=68cm	●

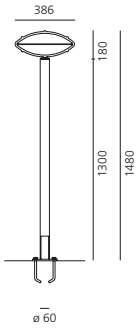
220/240Vac 50/60Hz ballast included

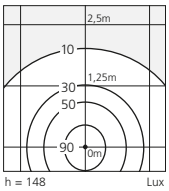
T087200	Directional screen		
T053500	Flanged pole	H=230 cm	●
T053590	Flanged pole	H=230 cm	●
T053200	Underground pole	H=230 cm	●
T053290	Underground pole	H=230 cm	●
T052500	Pole	H=130 cm	●
T052590	Pole	H=130 cm	●
T053900	Fixing plate to the ground	H=130 cm	●
T053990	Fixing plate to the ground	H=130 cm	●

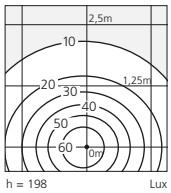


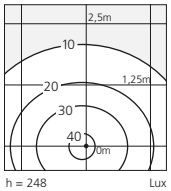












Giasole

design

Ernesto Gismondi
1978

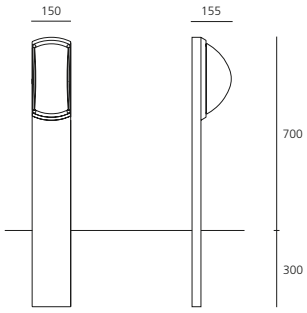
- Series of light fixtures with diffuse emission, with halogen or fluorescent sources.
- Floor and wall/ceiling installation.

Giasole wall/ceiling

- Horizontal or vertical installation.
- Available in three finishes: white painted, silver grey painted and black painted.
- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Moulded diffuser in internally sanded sodium-calcium glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP54.
- ENEC approved.
- Insulation class I.

Giasole floor

- Unilateral version with one head and bilateral version with two heads.
- Available in two finishes: silver grey painted and black painted.
- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Moulded diffuser in internally sanded sodium-calcium glass.
- Pole in painted extruded aluminium.
- Fixing with ground mounting plate or underground pole.
- Support plate in galvanized and painted steel.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP54.
- ENEC approved.
- Insulation class I.



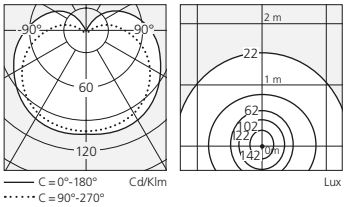
Giasole floor unilateral

● black
● silver grey

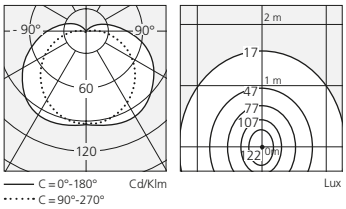
Diffuser in sanded glass
Flanged pole
to be ordered separately

IP54

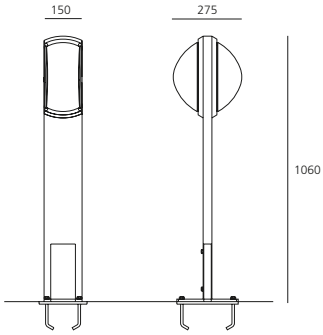
Code	Source	Colour
T051330	HALO max 1x70W (E27) - ECO	●
T051390	HALO max 1x70W (E27) - ECO	●
220/240Vac 50/60Hz	main voltage	



Code	Source	Colour
T051430	FLUO 1x18W (G24d-2) - TC-D	●
T051490	FLUO 1x18W (G24d-2) - TC-D	●
220/240Vac 50/60Hz	ballast included	



Code	Source	Colour
T053400	Flanged pole	●
T053490	Flanged pole	●



Giasole floor bilateral

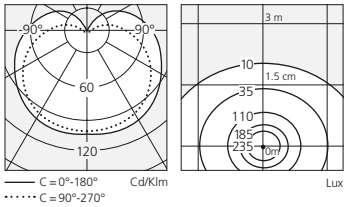
● black
● silver grey

Diffuser in sanded glass

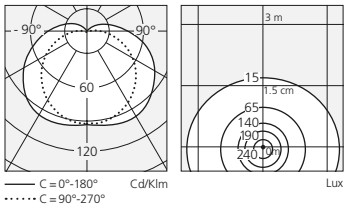
For the two-head configuration, please order two heads and one pole

IP54

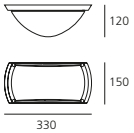
Code	Source	Colour
T051330	HALO max 1x70W (E27) - ECO (one head)	●
T051390	HALO max 1x70W (E27) - ECO (one head)	●
220/240Vac 50/60Hz	main voltage	



Code	Source	Colour
T051430	FLUO 1x18W (G24d-2) - TC-D (one head)	●
T051490	FLUO 1x18W (G24d-2) - TC-D (one head)	●
220/240Vac 50/60Hz	ballast included	



Code	Source	Colour
T053400	Flanged pole	●
T053490	Flanged pole	●

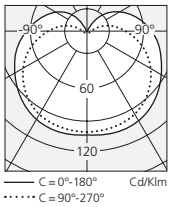


	Code	Source	Colour
Giasole wall/ceiling			
	T051300	HALO max 1x70W (E27) - ECO	○
	T051330	HALO max 1x70W (E27) - ECO	●
	T051390	HALO max 1x70W (E27) - ECO	●
	220/240Vac 50/60Hz	main voltage	

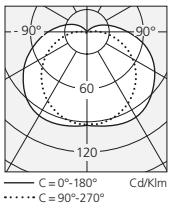
○ white
● black
● silver grey

Diffuser in sanded glass
Wall support included

IP54



	T051400	FLUO 1x18W (G24d-2) - TC-D	○
	T051430	FLUO 1x18W (G24d-2) - TC-D	●
	T051490	FLUO 1x18W (G24d-2) - TC-D	●
	220/240Vac 50/60Hz	ballast included	



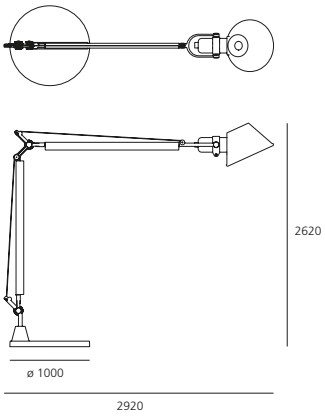
Tolomeo XXL

design

Michele De Lucchi
Giancarlo Fassina
2009

- Light fixture with direct emission, with fluorescent or metal halide sources.
- Available with base or fixed support (pivot) made up of mass-coloured concrete.
- Diffuser in mass-pigmented polypropylene, screen in light-diffusing silkscreened methacrylate, reflector in painted aluminium.
- Mobile-arm structure in extruded EN-AW-6060 aluminium with bright anodizing treatment.
- Polished-painted articulations in die-cast EN-AB 46100 aluminium.
- Adjustment system in AISI 316 stainless steel.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Electronic ballast.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Meet Design 2011, Rome - (IT)



Code	Source

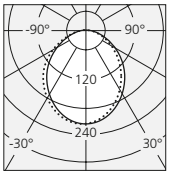
Tolomeo XXL with base

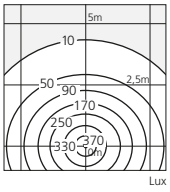
silver grey

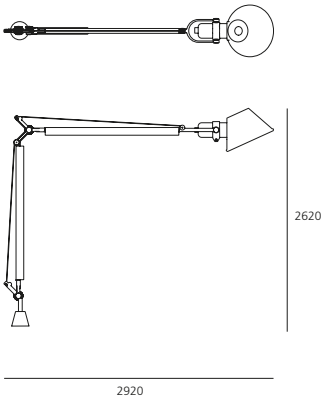
IP55

1532010A	FLUO 2x57W (GX24q-5) - TC-TEL
1534010A	METAL HALIDE 1x100W (E27) - HCI

220/240Vac 50/60Hz electronic ballast included







Code	Source

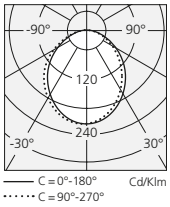
Tolomeo XXL with fixed support

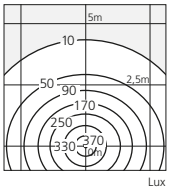
silver grey

IP55

1535010A	FLUO 2x57W (GX24q-5) - TC-TEL
1536010A	METAL HALIDE 1x100W (E27) - HCI

220/240Vac 50/60Hz electronic ballast included





Hila

design

Carlo Colombo
2011

- Series of light fixtures with direct emission, with high-performance LED light sources.
- Floor, pole and wall installation.
- Grey-white finish.

Hila wall

- Composed by lamp and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Wall support in painted steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

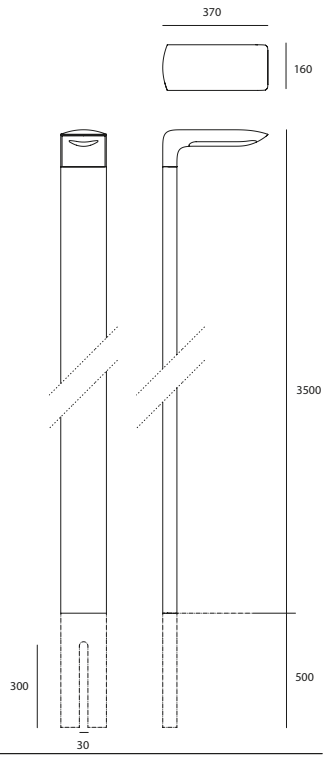
Hila floor

- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Support pole h=90cm in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Hila pole

- Composed by lamp and ground support pole.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Support pole h=350cm above-ground + 50cm underground in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Hila pole



Hila pole

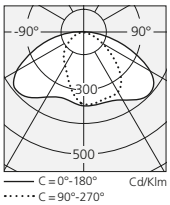
grey-white RAL9002

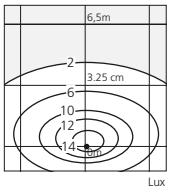
Underground pole included

IP65

Code	LED	Total Power	Flux	CCT	CRI
T085900	10 LED	24W	1317lm	4000K	75

220/240Vac 50/60Hz electronic ballast included

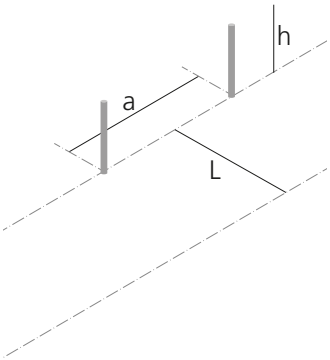




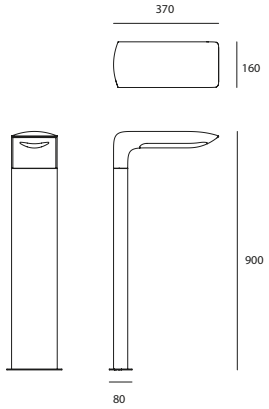
Hila floor/pole

HALO 13W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.2 m	50 lux	180 lux	2 lux

HALO 24W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	3.5 m	13 m	8 lux	20 lux	2 lux



Danese Milano, Milan - (IT)



Code	LED	Total Power	Flux	CCT	CRI

Hila floor

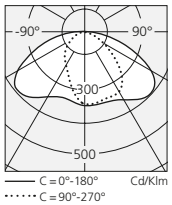
grey-white RAL9002

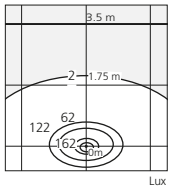
Ground mounting plate included

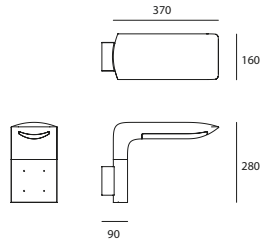
IP65

T085700	10 LED	13W	790lm	4000K	75

220/240Vac 50/60Hz electronic ballast included







Code	LED	Total Power	Flux	CCT	CRI

Hila wall

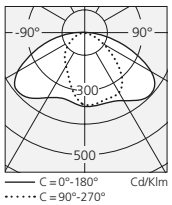
grey-white RAL9002

Wall support included

IP65

T085800	10 LED	24W	1317lm	4000K	75

220/240Vac 50/60Hz electronic ballast included



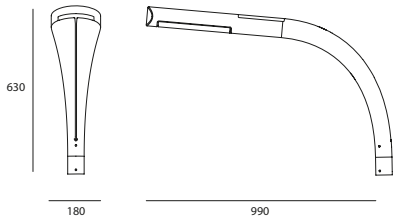
Indicta

design

Ernesto Gismondi
2010

- Light fixture with direct emission, with high-performance LED light sources.
- ø60mm pole installation with ø35x110mm shank (not supplied).
- Anthracite grey finish.
- Composed by optical housing and support for pole installation.
- Optical housing in extruded EN-AW-6060 aluminium, chromate treated and painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in shock resistant polycarbonate.
- High-efficiency asymmetrical optics in metalized polycarbonate.
- Optical housing support in high-resistance mass-coloured reinforced polymers.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Danese Miano, Milan - (IT)



Indicta

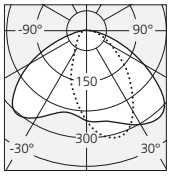
● anthracite grey

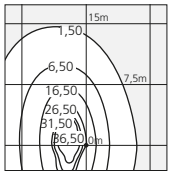
Head-pole

IP65

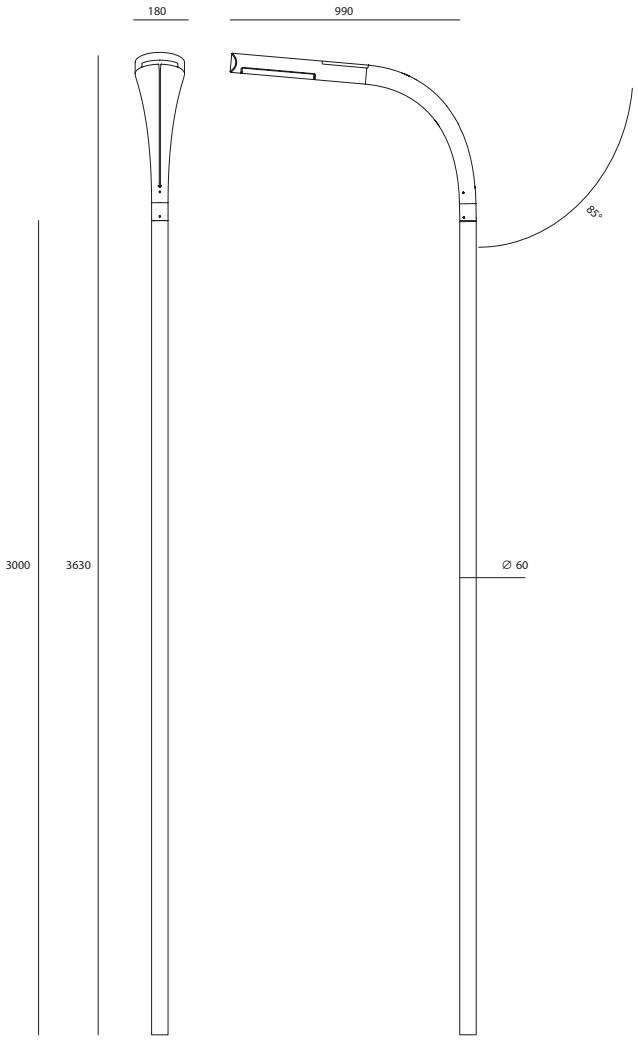
Code	LED	Total Power	Flux	CCT	CRI
T084800	10 LED	24W	1260lm	4000K	75

220/240Vac 50/60Hz electronic ballast included

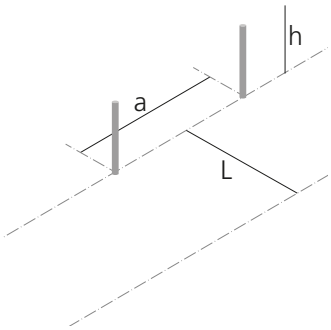




C = 0°-180° Cd/Klm
C = 90°-270°
Lux



LED 24W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	4.0 m	13 m	14 lux	40 lux	1.5 lux



Provoca

design

Ernesto Gismondi
2011

- Light fixture with direct emission, with high-performance LED light sources.
- Pole or wall installation.
- Grey-white painted finish.

Provoca wall

- Composed by lighting unit and wall support.
- Lighting unit in painted die-cast EN-AB 47100 aluminium.
- High-performance asymmetrical optics in metalized polycarbonate.
- Screens in shock resistant, high transparent tempered glass.
- Wall support in painted steel.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

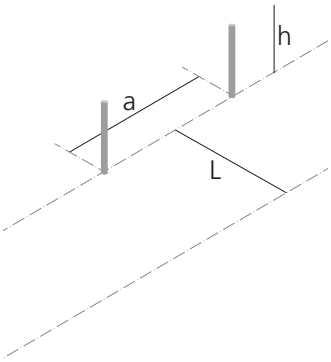
Provoca pole

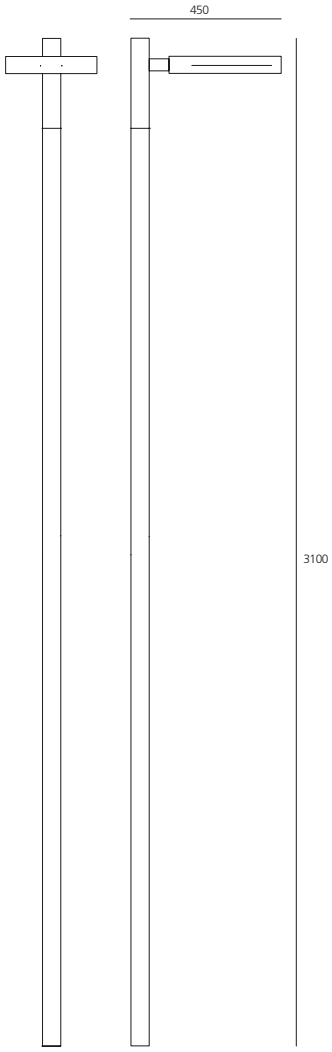
- Head-pole fixture composed by lighting unit and pole connection.
- 50x50mm square pole installation with 40x120mm square shank (not supplied).
- Lighting unit in painted die-cast EN-AB 47100 aluminium.
- High-performance asymmetrical optics in metalized polycarbonate.
- Screens in shock resistant, high transparent tempered glass.
- Head-pole fitting in painted steel.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

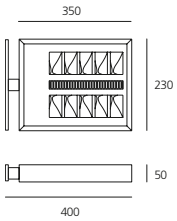
The LED circuits are directly anchored to the aluminium casing of the body in order to maximize heat dissipation. Moreover, some dissipation fins have been included in the product design so as to increase the heat exchange surface with external air.
The grid in the central part of the product allows natural air circulation, which cools the dissipation surface.
Due to a natural convective motion, cold air removes heat from the dissipation grid, it heats up and goes upwards, through the lighting unit, getting new fresh air from the lower part.
In this way LEDs are maintained at a lower temperature and their life time and light efficiency increase.

Provoca pole

LED 22W			Lighting application		
h	L	a	Em	Emax	Emin
3.1 m	4.0 m	12 m	15 lux	48 lux	1.5 lux







Code	LED	Total Power	Flux	CCT	CRI

Provoca wall

grey-white RAL9002

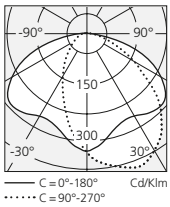
Wall support
supplied separately

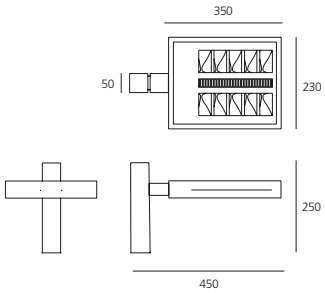
IP65

T085400	10 LED	22W	1440lm	4000K	75

220/240Vac 50/60Hz electronic ballast included

T085600	Wall support





Code	LED	Total Power	Flux	CCT	CRI

Provoca pole

grey-white RAL9002

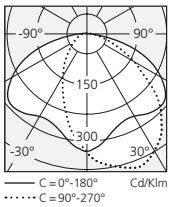
Head-pole
Pole connection
supplied separately

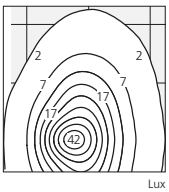
IP65

T085400	10 LED	22W	1440lm	4000K	75

220/240Vac 50/60Hz electronic ballast included

T085500	Pole connection





Cefiso Palo

design

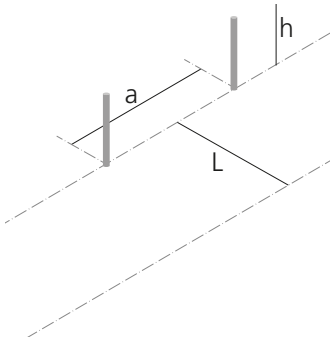
Alessandro Pedretti
(Studio Rota & Partners)

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Pole installation.
- Available in two finishes: light grey painted and anthracite grey painted.
- Composed by lighting unit and pole support. Fixing is maintained by means of locking dowels.
- The pole, not supplied, must have a ø 60mm and h90mm shank for the correct fixing of the head-pole. The pole height must be 4m from the ground to provide a correct surface lighting. At these conditions, the poles can be installed at a distance of 15m, suitable for lighting a 4m carriageway in compliance with S3 class for cycle tracks.
- Body in EN AB44100 aluminium, pole support in galvanized iron, silicone gaskets. Electronic ballast integrated in the body.
- The light fixture is protected from impulse overvoltage up to 4KV both in differential and common mode.
- Silicone-sealed silk-screened tempered glass.
- IP67 connector for electric connection to the mains, it can be housed in the pole compartment and is suitable for cables with a diameter of 5-13.5mm.
- LED circuits with PMMA lenses with road emission beam.
- White monochromatic LEDs available in 3 colour temperatures:

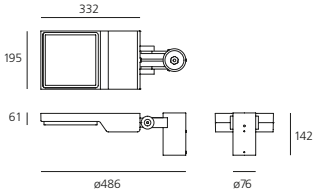
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- All parts in die-cast aluminium and galvanized iron are painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Insulation class II.

LED 39W			Lighting application		
h	L	a	Em	Emax	Emin
4.0 m	4.0 m	14.8 m	8 lux	15 lux	3 lux

Suitable for street lighting in the class S3 (bike paths).



Cefiso Palo



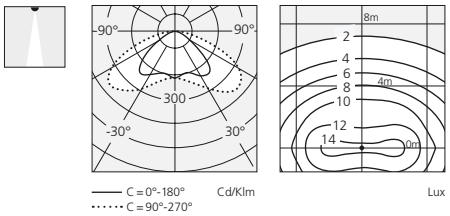
Cefiso Palo
○ grey-white RAL9002
● anthracite grey

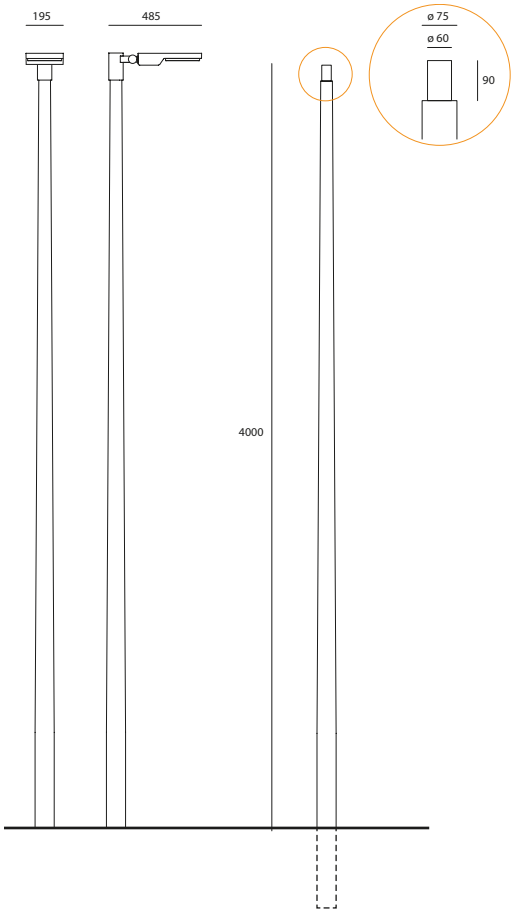
Head-pole

IP65 **IK**10

Code	LED	Total Power	Flux	CCT	CRI	Colour
T418200W10	16 LED	39W	1978lm	3000K	80	○
T418200W00	16 LED	39W	1978lm	3000K	80	●
T418200N10	16 LED	39W	1978lm	4000K	75	○
T418200N00	16 LED	39W	1978lm	4000K	75	●
T418200C10	16 LED	39W	1978lm	6000K	70	○
T418200C00	16 LED	39W	1978lm	6000K	70	●

220/240Vac 50/60Hz electronic ballast included



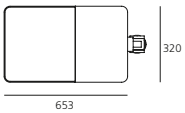


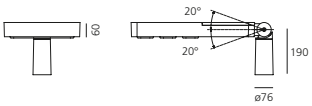
Sostituto Palo

design

Ernesto Gismondi
2013

- Light fixture with direct emission, with monochromatic LED light sources.
- Pole installation (pole not supplied).
- Consists of lighting unit and 90° adjustable pole joint.
- Die-cast EN-AB 47100 aluminium lighting unit with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Asymmetrical high-efficiency PMMA optical units.
- High-transparency shock-resistant polycarbonate screens.
- Composed by 3 interchangeable optical units.
- AISI 316 fixing screws and silicone gaskets.
- Suitable for ME3a and ME4a road lighting.
- Technical features in compliance with EN60598-1-2-3.
- Protection level from 4KV impulse overvoltage.
- IP Rating IP66.
- ENEC approved.
- Insulation class II.





Code	LED	Total Power	Flux	CCT	CRI
T4183ELN00	48 LED	115W	7888lm	4000K	80

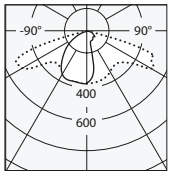
220/240Vac 50/60Hz electronic ballast included

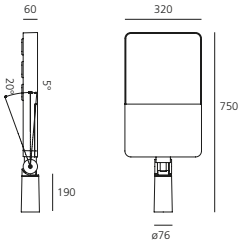
Sostituto Palo

● anthracite grey

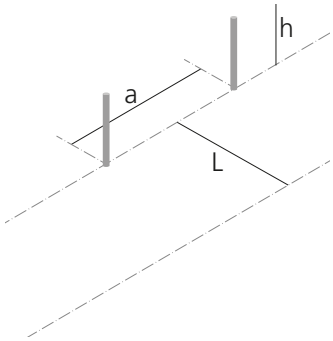
Head-pole

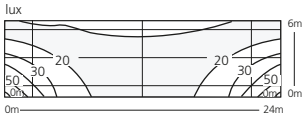
IP65

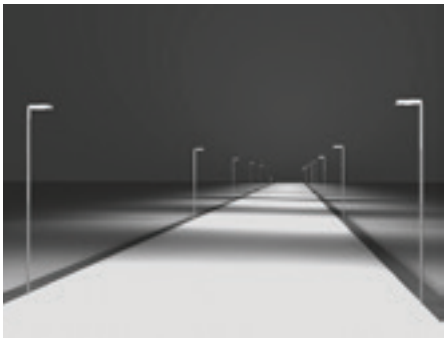




LED 110W			Lighting application		
h	L	a	Em	Emax	Emin
66.0 m	6.0 m	24 m	23 lux	55 lux	13 lux







Solar Tree

design

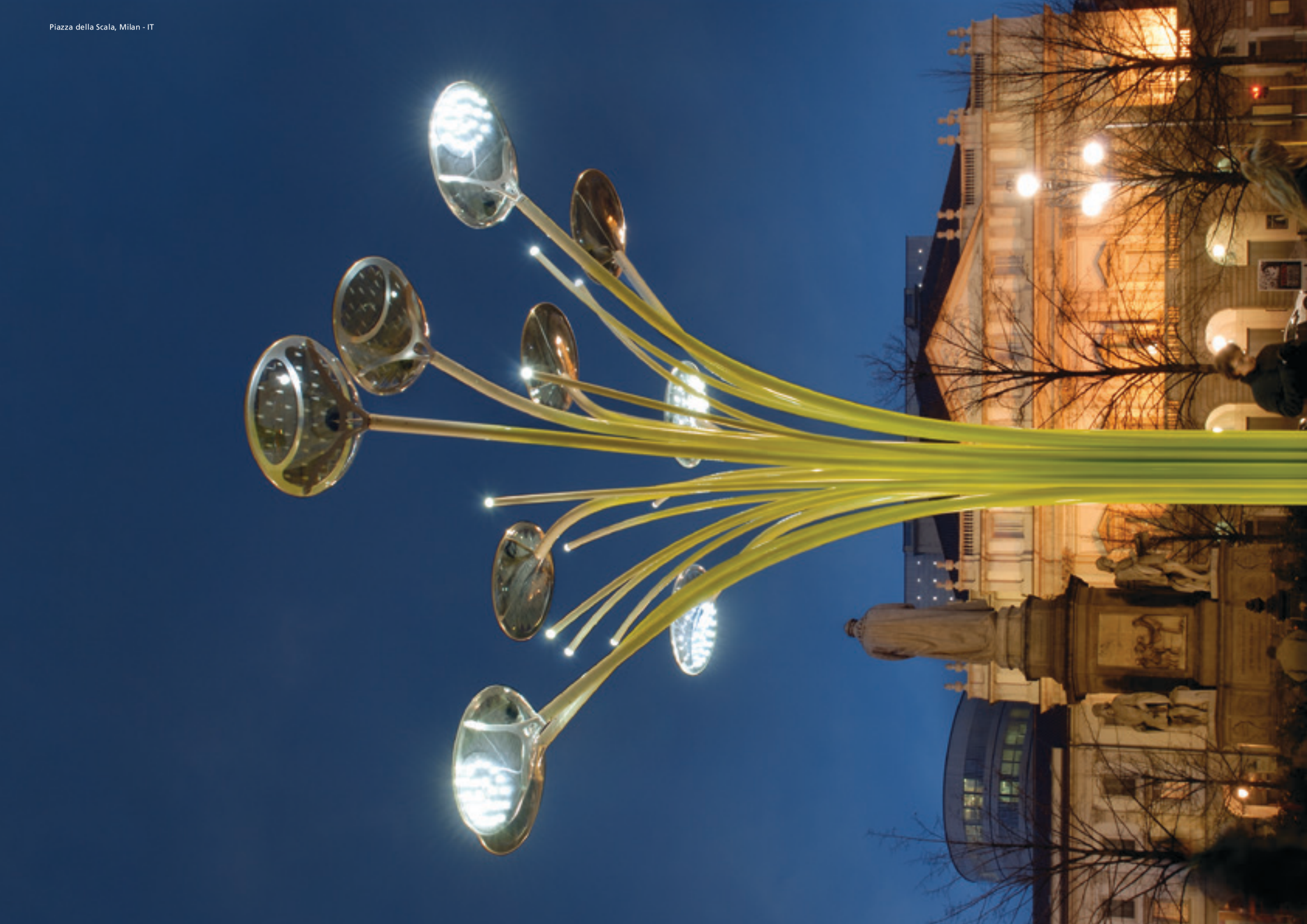
Ross Lovegrove
2007

Solar Tree is a light fixture combining an innovative design with the technical performances of LED lighting systems using solar energy supplied from photovoltaic system.

This project aims to combine the reduced environmental impact, especially deriving from the low absorption of fossil fuel-based energy, with the need of ensuring constant working and expected light performances. The operation of this light fixture is not influenced by weather randomness and project changes due to winter periods (e.g. number of panels, accumulator dimensioning). These project changes concerning dimensions and weights would imply higher costs, and however the fixture would not ensure continuous working. In fact hybrid versions are being more and more used in leading sectors. In this direction Artemide has developed the Solar Tree project which, with a mixed configuration of accumulators/solar energy and mains power supply, can combine Energy-saving and functionality at the best.

- Structure composed by curved steel poles of different diameters and heights, with a maximum total height of about 5,5m over road level.
- This system is composed by 10 "stems of grass" with 40mm Ø. On their extremity there is 1 LED of about 1 W protected by a diffuser screen in PETG and 10 poles with 76mm Ø supporting the heads.

  The poles are painted with outdoor epoxy paint in light green colour shading into white.
- The 10 heads, housing the photovoltaic cells in their upper part, are supported by poles with a diameter of 76mm; 20 power LEDs, which can be supplied with power up to 500mA and have a white neutral colour temperature, are housed in the lower part of 4 of them, on an aluminium dissipator, and are provided with a screen in plastic material which ensures protection against water and dusts.
- The base is made of hot-galvanized steel plate to be fixed to the ground. Otherwise it is possible to use a base, always in galvanized steel, with reinforced concrete parts forming a circular bench. In this case the base can rest on the ground without need of further fixing systems.
- The connection/wiring parts, the control and recharge boards and the batteries are contained in several watertight boxes, provided with male and female connectors with IP Rating IP65 or higher, placed at the foot of the base or inside the concrete bench, according to the technical specifications of the Solar Tree version supplied.
- Benches in white painted concrete, with second coat of anti-graffiti paint.



Piazza della Scala, Milan - IT

Configuration

The light fitting configuration includes an analysis of the potential incoming energy (geographical location of the light fitting) and a detailed analysis of the physical location of the light fitting (proximity of buildings or trees). Lastly, an analysis of the level of requested service and performance will be implemented (luminance levels, operation hours, potential discontinuity in the service, if any).

Technical data

- Total number of heads with solar panels: 10
- Number of heads with LEDs: 4
- Installed power for each light head: about 23.1 W at 350mA (base current drive), max current drive 500mA.
- 20 power LEDs for each head in neutral light tonality 4300K.
- Maximum luminous flux for each head: minimum 1250 Lm.
- Solar panel voltage in open circuit: about 10 V.
- Peak power for each panel: about 63 W.
- Total number of "stems": 10.
- LED power for each "stem": about 1 W with a power supply of 350mA.
- 2 Batteries
- Battery voltage: 12 V
- Single battery capacity: 240 Ah
- Box with USB connection for diagnostics/setting/servicing access.
- Technical features of the light fixture in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

$$E_{in} = \sum P_{peak\ power} \bullet h_{equivalent} \bullet \eta_{system} \bullet \eta_{noct} \bullet \eta_{tilt\ angle}$$

$P_{peak\ power}$ = Maximum power input

$h_{equivalen}$ = Average received solar radiation in hours

η_{system} = System conversion efficiency

η_{noct} = Nominal operating temperature

$\eta_{tilt\ angl}$ = Exposure factor

Working

Solar Tree has been designed to work in HYBRID configuration. The batteries can ensure an autonomous working at full charge for a period of 7-10 days (with an "Energy-saving" working cycle which is described below). Moreover, in case of discharged batteries, the fixture is connected to the mains, which supplies it with energy (by means of a suitable DC ballast connected to the mains). In this way it can ensure a continuous working even with persistent bad weather and/or reduced insulation or 100% use of the light performances or, anyway, in case of negative energy balance.

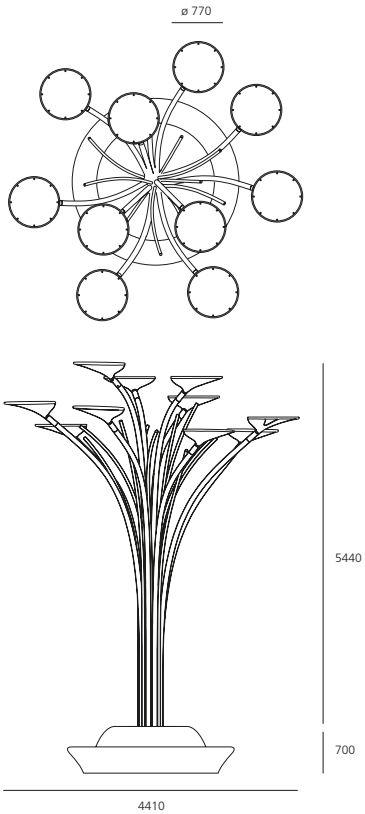
LED light sources light up in the twilight (recognized according to the hours of dawn and sunset which have been set in the management program or according to other modes) and they remain lit up until dawn according to the working duty-cycle set.

In case of "HYBRID" fixtures, the system uses the energy coming from the batteries until they reach the minimum charge limit, then the system is connected to the mains automatically.

In case of light fixtures with this configuration, if the connection to the mains takes place at the same time when the public lighting, which the Solar tree fixtures refer to, lights up, it is possible to set them so as that the moment of the mains connection is recognized as start for the Solar tree working, and vice-versa in case of mains cut-off.

Potsdamer Plaz, Berlin - DE, Project Renzo Piano

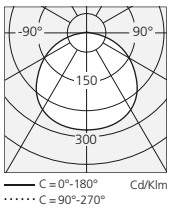
Piazza Gae Aulenti, Milan - IT, Project: Pelli Clarke Pelli Architects



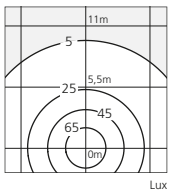
Solar Tree

IP55

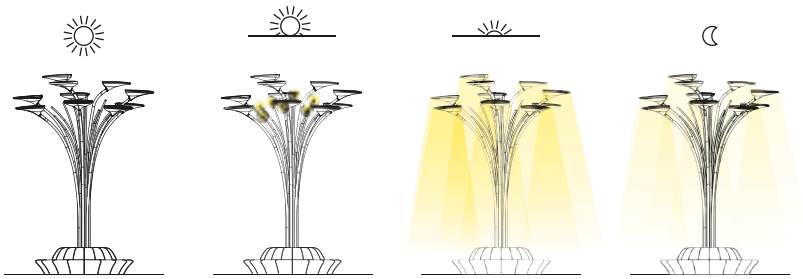
Code	LED	Power	Flux	CCT
	4 heads LED + 10 stems LED 1W	23W (92W Tot.) (10W Tot.)	1250lm (5000lm Tot.)	4300K 6000K
T080600	Lighting units, curved poles, “stems” and batteries			
T080400	Pole support structure + 18 benches			



Light intensity of one head.
Flow 1250 lm



Lighting of the whole fixture.



Working programs

Two working modes can be selected according to the needs: Manual and Automatic. Automatic mode can be set with three different configurations according to the performance and level of energy-saving desired for the light fixture. In particular:

Auto Eco
100% working in the hours when the installation areas are expected to be used more often, reduced working of the only LED heads during the hours of full night (the LED light sources are switched on and adjusted at about 25% of their working rating from sunset to dawn in order to ensure a mean floor lighting of 8 lux). This mode is recommended to obtain a continuous working even during autumn/winter and to maintain energy balance.

Auto 100%
Working mode to ensure the complete management of the fixture by considering its performances with respect to a higher input of solar energy (if this condition occurs).

Personalizzato
The user can establish the hours and the working configuration of the fixture according to his needs.

The three above-mentioned configurations can be associated to a particular period and they can alternate one another, if desired.

Manual
Can be enabled by the user in case of particular events and/or needs. The user can access the advanced adjustment menu for a 0-100% slicing of the flow emitted by the single LED heads and by the “stem” units. In this way the sources remain lit up and adjusted according to the configuration set by the user until switching off or return to automatic mode controlled by the user.

Constant-power ballasts with plastic wrapper for parallel connection

Code	Description	V_{in} (Vac)	V_{out} (Vac)	P (VA)	L (mm)	W (mm)	H (mm)	IP Rate
T409996	Driver 25W 24Vdc	100-277	24	25	150	40	32	IP 67
T409998	Driver 60W 24Vdc	100-277	24	60	165	43	32	IP 67
T409999	Driver 90W 24Vdc	100-277	24	90	165	61	36	IP 67

Constant current driver for series connection

Code	Description	V (Vac)	I (mA)	P (W)	N°Led max	L (mm)	W (mm)	H (mm)	IP Rate
NL11022	Driver 6W 350mA	220-240	350	5,6	1-4	145	65	55	IP 67
NL19019	Driver 11W 350mA	220-240	350	11,2	3-9	145	65	55	IP 67
NL19038	Driver 18W 350mA	220-240	350	18,2	7-14	145	65	55	IP 67
NL19046	Driver 14W 500mA	220-240	500	13,5	1-6	145	65	55	IP 67
NL19047	Driver 20W 500mA	220-240	500	20	7-12	145	65	55	IP 67
NL19048	Driver 26W 500mA	220-240	500	26	7-15	145	65	55	IP 67
NL19024	Driver 11W 700mA	220-240	700	11,2	1-4	145	65	55	IP 67
NL19028	Driver 19W 700mA	220-240	700	18,9	5-7	145	65	55	IP 67
NL19029	Driver 26W 700mA	220-240	700	26	7-14	145	65	55	IP 67

Constant tension driver for parallel connection

Code	Description	V (Vac)	I (mA)	P (W)	L (mm)	W (mm)	H (mm)	IP Rate
NL19027	Driver 12W 12Vdc	220-240	12	12	145	65	55	IP 67
NL6203	Driver 40W 12Vdc	220-240	12	40	145	65	55	IP 67
NL11027	Driver 12W 24Vdc	220-240	24	12	145	65	55	IP 67
NL62040	Driver 40W 24Vdc	220-240	24	40	145	65	55	IP 67
NL89080	Driver 70W 24Vdc	220-240	24	70	268	66	51	IP 67
NL62880	Driver 150W 24Vdc	230-240	24	150	268	66	51	IP 67

Number of fixtures which can be installed according to:
- Power
- Cable section
- Line length

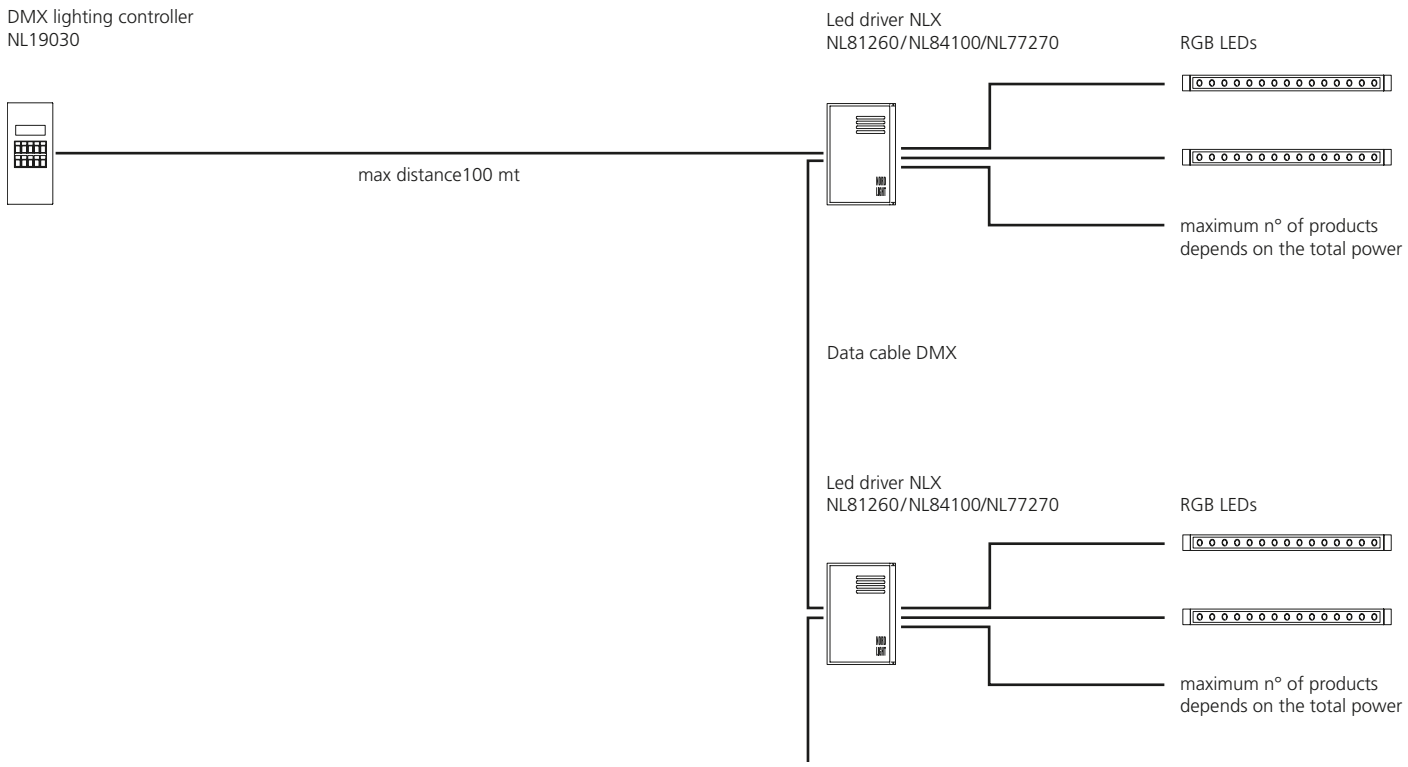
Naiade 55

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409996	25W 24Vdc	10 m	13	13	13
	25W 24Vdc	50 m	13	13	13
Cable	25W 24Vdc	100 m	13	13	13
	25W 24Vdc	150 m	12	12	13
	25W 24Vdc	200 m	11	12	13
T409998	60W 24Vdc	10 m	33	33	33
	60W 24Vdc	50 m	31	32	33
	60W 24Vdc	100 m	27	30	31
	60W 24Vdc	150 m	23	27	30
	60W 24Vdc	200 m	19	25	29
T409999	90W 24Vdc	10 m	49	50	50
	90W 24Vdc	50 m	43	46	48
	90W 24Vdc	100 m	35	42	46
	90W 24Vdc	150 m	26	37	42
	90W 24Vdc	200 m	19	31	39

Naiade 90

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409996	25W 24Vdc	10 m	5	5	5
	25W 24Vdc	50 m	5	5	5
	25W 24Vdc	100 m	4	5	5
	25W 24Vdc	150 m	4	4	5
	25W 24Vdc	200 m	4	4	4
T409998	60W 24Vdc	10 m	12	12	12
	60W 24Vdc	50 m	12	12	12
	60W 24Vdc	100 m	10	11	12
	60W 24Vdc	150 m	8	10	11
	60W 24Vdc	200 m	7	9	11
T409999	90W 24Vdc	10 m	18	18	18
	90W 24Vdc	50 m	16	17	18
	90W 24Vdc	100 m	13	16	17
	90W 24Vdc	150 m	9	14	16
	90W 24Vdc	200 m	7	12	15

- Max surge supported by the ballasts: 2kV.
- Working temperature of the ballasts: -35°C + 50°C.
- The ballasts must not be directly exposed to UV-rays.
- When calculating sections/lengths, all the fixtures are supposed to be supplied with power at the line end.
- The IP67 connector supplied with the fixtures is suitable for sections from 1.5 to 4 mm2.
- Insulation class II. Earthing is not required.



LED Driver NL81260, NL84100 and NL77270 are compatbile with an USITT DMX 512 control system.
The standard USITT DMX 512 permits a simple, reliable and economical control, to realized colour changing scenes with RGB products.

Driver

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc	PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc	PWM
NL77270	LED driver NLX 2-150 IP65 150W 24Vdc	PWM

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

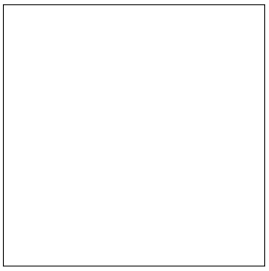
Lighting Controller

NL19030	DSC 30 interface USB - DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

DSC 30 Accessories

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	Cable with HE10 connector for connection to a 50cm-long keyboard


White

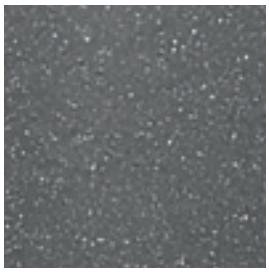
Black

Green

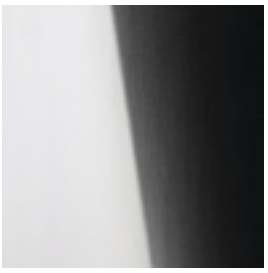
Grey-White RAL 9002

Silver grey

Anthracite grey


Antigua grey

Dark grey


Polished

Satiny

Rust

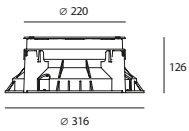
Rust Cor-ten

The colour of Cor-ten steel may change in time depending on weather conditions. Before stabilization, Cor-ten steel may release rust powder that may stain the surface where it is placed.

Legenda

Item code	Source	Total input power	Net output luminous flux	Color temperature	Color rendering index	Beam angle	Photobiological risk group
Code	**LED**	**Total Power**	**Flux**	**CCT**	**CRI**	**Beam**	**RG**

Drawing in mm



Product name
Version

T00000	9 LED	15,9W	353lm	3000K	80	12°x36°	R1

220/240Vac 50/60Hz electronic ballast included

grey-white RAL9002

Painted aluminium ring
Static load 5000 Kg
Glass thickness 8 mm
T glass 35° C

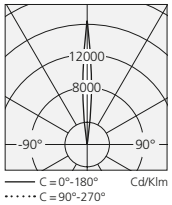
Information

IP65 **IK**09 — *Ingress Protection rating / Grado di resistenza agli urti*

Insulation class / Approvals / Symbols

Emission

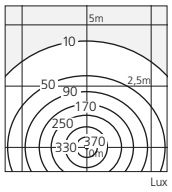
Polar curve



H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736
			α = 6°

Light cone

Isolux diagram



Classifications

Class I
The safety of the luminaire is guaranteed by an additional protective conductor (earth) connected with the metal frame of the lamp.

Class II
The safety of the luminaire is guaranteed by the double reinforced insulation of conductive parts, and without earth connection.

Class III
The luminaire is fitted with a protection device against electrical shock that features a very l ow voltage power supply and prevents it from generating higher voltages.
Note: a Class III luminaire does not have to be equipped with an earth protection.

Luminaire suitable for installation on normally inflammable surfaces.

Approvals

ENEC Certification of European Conformity.

IMQ Italian Institute of Quality Mark.

IP Ingress Protection rating

IP65
Electrical fittings are preset in order to prevent the intrusion and contact with solids and liquids with live parts. Resistance against the penetration of solids and liquids is expressed by the initials IP, followed by two digits that stand for the degree of protection: the first referring to solids, the second to liquids.

First digit
0 Non-protected.
1 Protected against the penetration of solid objects greater than 50 mm.
2 Protected against the penetration of solid objects greater than 12 mm.
3 Protected against the penetration of solid objects greater than 2,5 mm.
4 Protected against the penetration of solid objects greater than 1 mm.
5 Dust-protected.
6 Dust-tight.

Second digit
0 Non-protected.
1 Protected against dripping water.
2 Protected against dripping water when tilted up to 15°.
3 Protected against spraying water.
4 Protected against splashing water.
5 Protected against water jets.
6 Protected against heavy seas.
7 Protected against the effects of immersion.
8 Protected against submersion.

Photobiological risk group

R1 No photobiological hazard under normal behavioural limitations.
R2 Does not pose a hazard due to aversion response to bright light or thermal discomfort.

IK shock-resistance degree

IK10
The light fixture is placed on a horizontal stable surface. A body of a certain shape and weight is dropped repeatedly from a certain height according to the IK degree to be tested.

IK Degree	Impact Energy (J)	Equivalent impact
00	Unprotected	-
01	0,15	Fall of a 200g body from 40cm of height
02	0,2	Fall of a 200g body from 40cm of height
03	0,35	Fall of a 200g body from 40cm of height
04	0,5	Fall of a 200g body from 40cm of height
05	0,7	Fall of a 200g body from 40cm of height
06	1	Fall of a 500g body from 40cm of height
07	2	Fall of a 500g body from 40cm of height
08	5	Fall of a 1,7kg body from 40cm of height
09	10	Fall of a 5kg body from 40cm of height
10	20	Fall of a 5kg body from 40cm of height

Photometric curve in polar coordinates

It represents the light intensity distribution (in candles/1000 lumen) emitted by the light fixture on the planes passing through its optical axis.
Two curves are indicated for each light fixture.
The first one refers to the transversal C0-C180 plane (continuous line) and the second one to the longitudinal C90-C270 plane (broken line).
The photometric curve defines the lighting engineering features of the fixture, such as the luminous flux control, the type of emission, the maximum intensity direction, which are needed for testing illuminance values during use.
Photometric curves shown in this catalogue are only indicative. For accurate photometric data, calculations should be taken from Dialux programme.

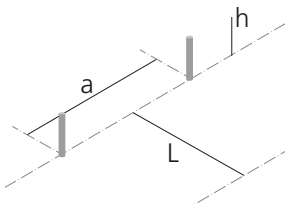
Isolux diagram

It shows the illuminance distribution on the vertical plane (wall washer fixtures) or on the horizontal plane (floor fixtures and poles). The Isolux lines link the points of equal illuminance.

Light cone

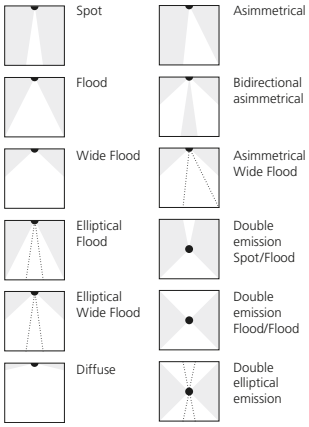
It shows the maximum illuminance level in lux, measured in horizontal parts at different heights with respect to the fixture. øC0 and øC90 represent the lengths of the section axes. In case of rotating symmetric emissions, the two values coincide.
The emission angle shows the flat angle subtended by the directions where light intensity is equal to the 50% of the maximum intensity.

Lighting application



Summary of illuminance levels according to the design parameters.
h= source height
a= width of the light fixture positioning interval
L= illuminance distance

Light emissions



Symbols

Walk-over light fixture

Drive-over light fixture

Light fixture with RGB colour mixing system.

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