

DIAMANTELIGHTING

DIAMANTE LIGHTING

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500/750/1000/1250/1500



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monochromatic white, RGB
on/off, DMX, PWM

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300/600/900/1200



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300/600/900/1200



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Linear fixtures recessed - high power LEDs

IN-Libra

300/600/900/1200



on board power supply
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monochromatic white, RGBW
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IN-Libra LO

300/600/900/1200



on board power supply
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monochromatic white, RGBW
on/off, DMX, DALI

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IN-Lynea

300/600/900/1200



on board power supply
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300/600/900/1200



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500/1000/1500



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500/1000/1500



remote power supply
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DHS LC

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Linear fixtures recessed - mid power LEDs

Segno

500/1000/1500



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on/off

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1/3



remote power supply
1,5 - 4,5W
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on/off

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Stepled C
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on board power supply
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Immersion spot light floor- wall-recessd

Aqa



remote power supply
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Solido
03/05/08/22



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on board power supply
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Spillo
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remote power supply
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DMX

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Star



remote power supply
3,5W
monochromatic white, RGB
DMX

326

Window

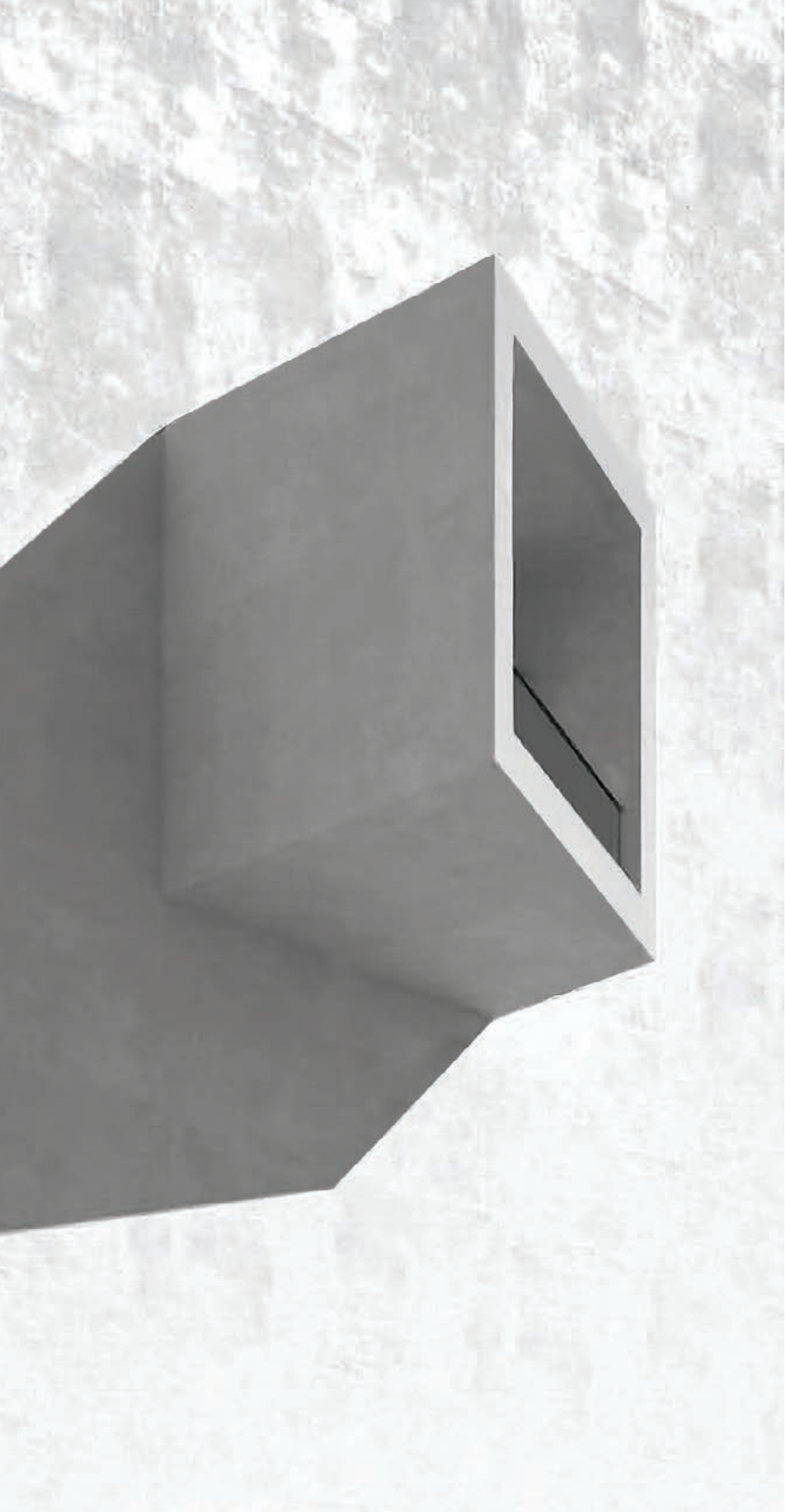


on board power supply
4W
monochromatic white
on/off

328



www.diamantelighting.com





Vittorio Emanuele II bridge

Rome - Italy

In collaboration with Acea





Al-Rayyan FC Stadium

Doha, Qatar

In collaboration with Lighting group





Pantheon

Rome - Italy

In collaboration with Acea





Hudayriyat
Abu Dhabi - UAE
In collaboration with Ligth Concept LLC





Trinità dei Monti

Rome - Italy

In collaboration with Acea





Foro Romano

Rome - Italy

In collaboration with Acea



Trevi Fountain

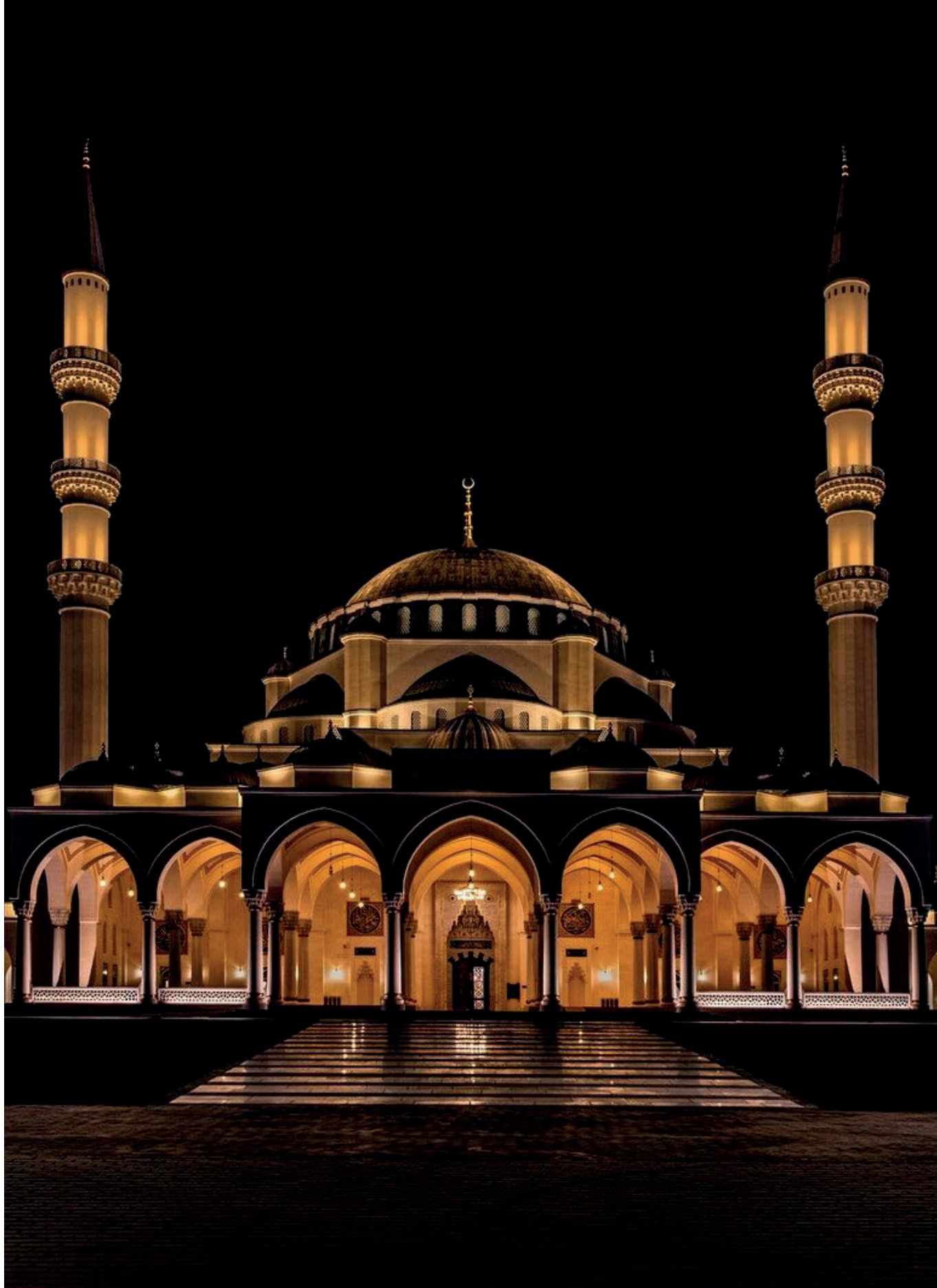
Rome - Italy
In collaboration with Acea



Santa Maria in Trastevere

Rome - Italy

In collaboration with Acea



Sharjah Mosque

Sharjah - UAE
In collaboration Ligth Concept LLC



Kurilpa bridge

Brisbane - Australia

In collaboration with Spacecannon Australia



Palazzo Senatorio - Campidoglio

Rome - Italy
In collaboration with Acea



Le Royal Hotel

Amman - Jordan

In collaboration with Diamante Lighting ME



Waldorf Astoria hotel

Ras Al Khaimah - UAE
In collaboration with FEMC FZCO



Sama Mall

Kuwait City - Kuwait

In collaboration with TGS Technical Establishment for Building General Contracting



Ajib bank

Amman - Jordan

In collaboration with Diamante Lighting ME



Garden Ring

Moscow - Russia

In collaboration with Illuminator Group



Praga Restaurant, Boulevard

Boulevard Ring Moscow - Russia
In collaboration with Illuminator Group



Varone waterfall

Trento - Italy

In collaboration with Canuti Daniele



Palatino

Rome - Italy
In collaboration with Acea



Lumsa University

Rome - Italy

In collaboration with MAMA Design



Cosenza railway station

Cosenza - Italy
In collaboration with RFI

LED lighting for St. Peter's Basilica

In November 2015, the refurbishment of the lighting system of the Basilica of St. Peter in Rome ended with the inauguration of the Basilica's façade. Acea IP (Public Lighting), an Italian multi-utility company operating mainly in the capital and a subsidiary of ACEA Group, promoted this initiative with the aim to take advantage of all benefits of LED technology. The design and subsequent implementation was organized by Acea IP in partnership with Diamante Lighting. The project had two objectives: ensuring a more efficient illumination and attaining the homogenization of the colour temperature. This approach ensures a correct perception of the volumes and spaces of the Basilica, avoiding an abrupt disconnection between the different architectural elements, including those necessary to emphasize the diversity of the materials selected by Gian Lorenzo Bernini in the 17th century. The entire project was carried out by replacing the existing traditional lighting appliances with Diamante's LED fixtures, without changing the number and placement of the lighting devices.

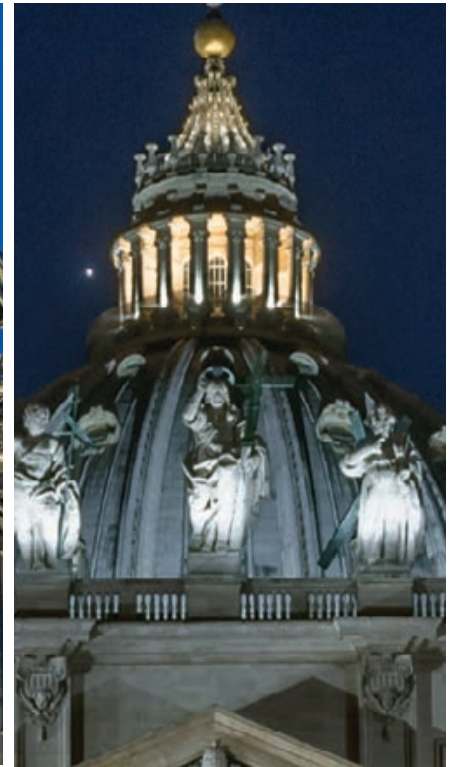
The new equipment also allowed a substantial energy saving of 70% compared to the previous solution. Furthermore the technique used was based on the use of only two colour temperatures which enhances the three-dimensional façade and the grandeur of the dome. Particular attention was paid to the perspectival techniques used by Bernini, by replacing the existing traditional lighting fixtures with LED fixtures, without changing any number and placement of the lighting points.



This architectural drawing shows a detailed elevation of a large dome and its supporting classical facade. The dome is covered in a grid of ribs and features several small, arched windows. The facade below is composed of tall columns supporting an entablature. Numerous elevation markers are present throughout the drawing, such as +133.31, +129.82, +126.02, +119.87, +113.51, +105.27, +102.22, +100.44, +98.59, +97.96, +76.81, +77.41, +76.84, +71.87, +71.13, +70.09, +54.86, +49.21, +44.00, +44.09, +42.39, +42.31, +42.05, +39.77, +39.30, +47.48, +43.32, +43.05, +40.63, +39.13, and +39.05. The drawing is a black and white line art illustration.







All this was made possible through Diamante Lighting's know how, which designed and provided custom lenses and reflectors on Acea IP's request 340 LED appliances were used for the illumination of the facade, the dome, the cupolas and the statues of the Main Altar and Bernini's Baldachin. The project lasted approximately two months including the production and the complete installation of the equipment; a record time considering the complexity of the project. To ensure effective work and meet deadlines, "rope operators" were involved whose technique enabled us to carry out the installation in otherwise inaccessible places.



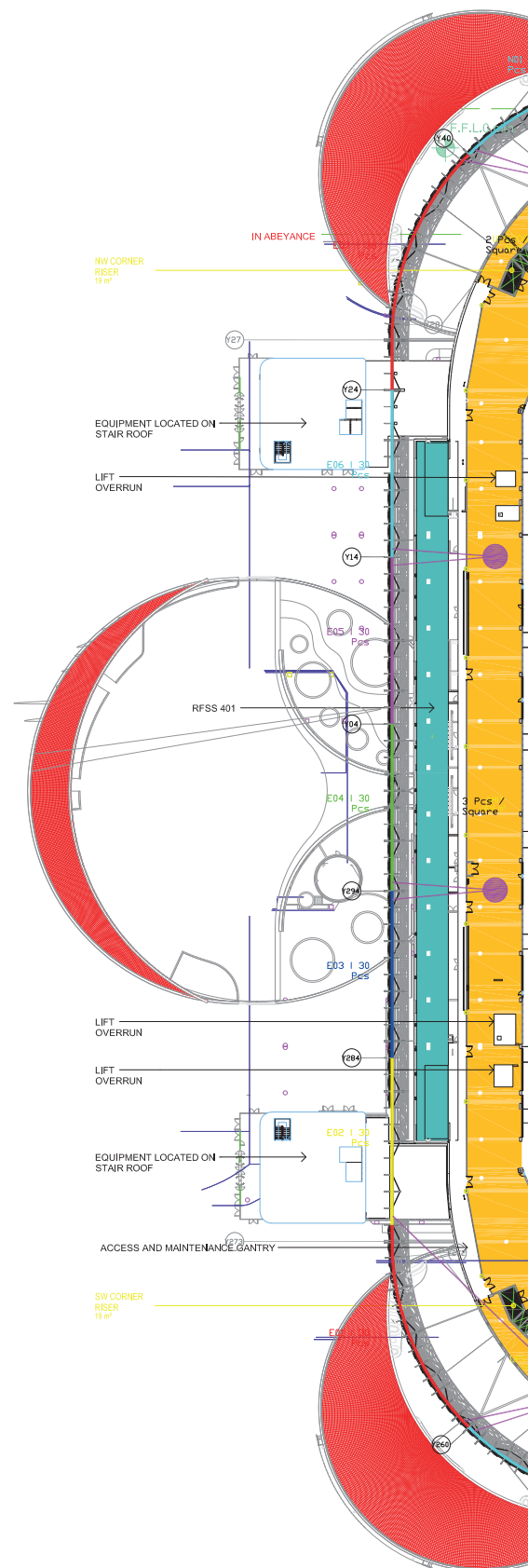
Stunning light effects at the Al-Rayyan FC Stadium - Qatar

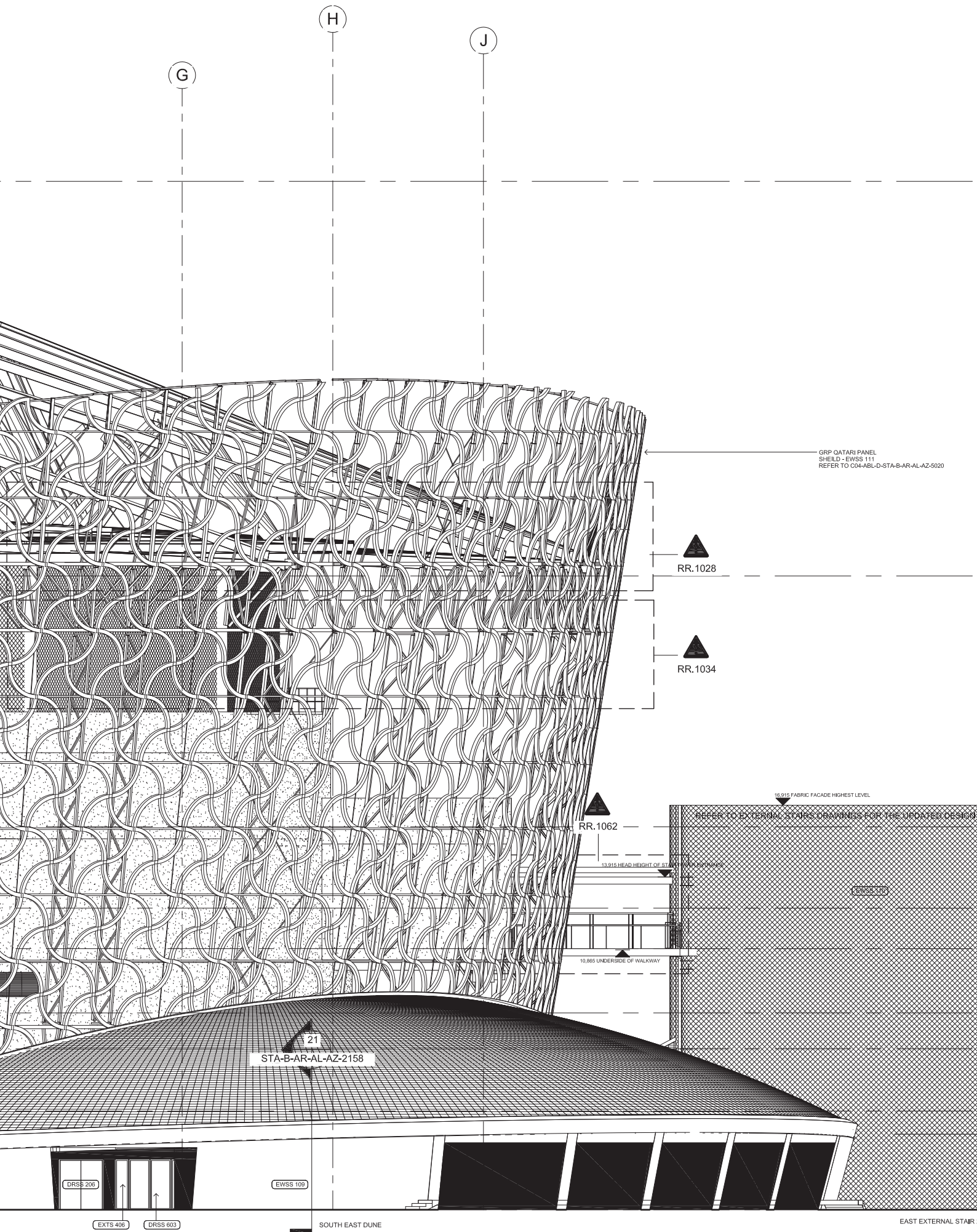
The Al-Rayyan FC Stadium is one of several sports facilities designed and built to host the 2022 world football cup in Doha – Qatar. Diamante Lighting has secured the order for 5.871 special fixtures (Intensa and Plain) to illuminate the external walls of the stadium with stunning effects on the amazing architecture. The fixtures are controlled through our proprietary DHSLC software engineered to manage large installations.



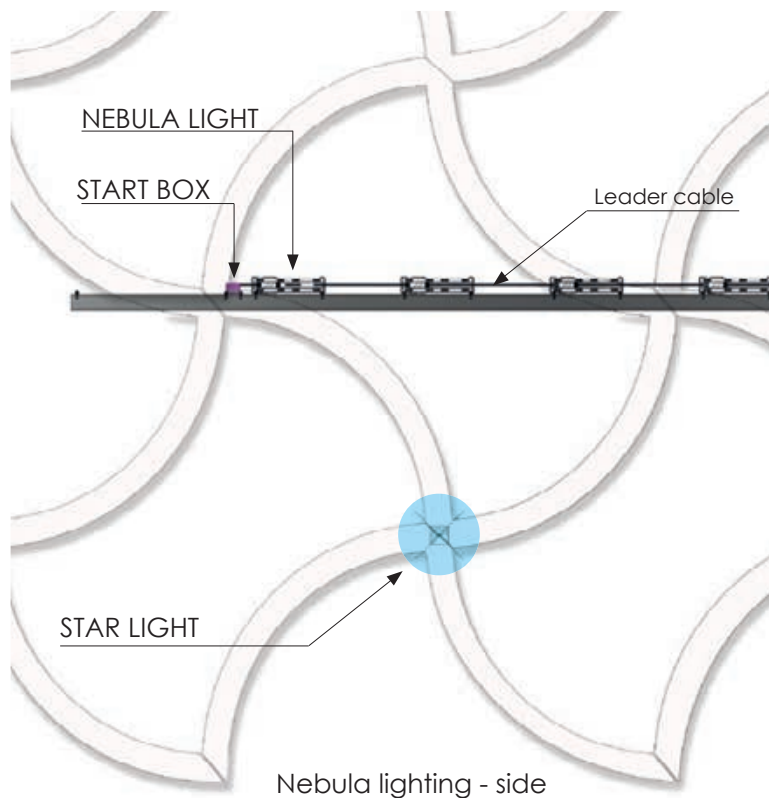
FIFA DEPARTMENT / USER GROUP

■ COMPETITION / TEAMS	■ SPECTATORS AND PUBLIC
■ BROADCAST	■ SPECTATORS AND PUBLIC - EXTERNAL AREAS
■ MEDIA	■ SERVICES
■ VIP	■ PRAYER ROOM
■ VVIP	■ HELP/INFORMATION POINT
■ ORGANISATION (FIFA / LOC)	■ WC
■ HOSPITALITY	■ STAIR CORE
■ MARKETING	■ AREAS NOT ASSIGNED (ALL OTHER AREAS)
■ SAFETY AND SECURITY	





The outer walls of the Al Rayyan stadium are encompassed by an arabesque veil that lends the huge building lightness and elegance. The walls are illuminated by special Intensa fixtures mounted internally on the veil. They provide a wall washing effect that reveals the arabesque by contrast. Special Plain devices are mounted externally in the intersections of the the arabesque motif to create a « flashing » effect of white light dots against a colour background. Both Intensa and Plain create dynamic, amazing light scenes controlled by Diamante's proprietary DHSLC software.





Plain Led-point

Plain was designed especially for this project to provide a sharp, neutral white light spot. The body, including an efficient heat sink, is in aluminium alloy. Plain and Intensa are managed by a single control unit. Plain is rated IP 67. 1434 Plain were mounted.





Intensa 500 RGB Double

Intensa (IP 66 and 67) is a standard RGB Diamante fixture in a special double configuration. Both modules are orientable; each module is separately controlled through DHSLC, Diamante's self-addressing software. The two modules have different light beams and are driven by remote power supply units. Altogether 4437 double units were installed.







About us

We are experienced entrepreneurs who design and manufacture in Italy high quality LED lighting fixtures, engineered and tested to last and perform in the harshest environments. We focus exclusively on outdoor architectural lighting providing a wide range of standard linear systems and projectors as well as customized products. We are strongly committed to be a true partner for lighting designers, architects and landscape designers helping them to achieve their personal vision and their customers' satisfaction.

Research and development

At Diamante Lighting, research is the core of our technical activity: in the last decade, the lighting industry has been turned upside down with the introduction of LEDs, and it is continuously evolving at a fast pace. Our team of experts constantly scrutinizes emerging technologies and analyzes trends and customer needs. We adopt technological improvements after in-depth investigations and tests in order to be sure that we offer our customers only state-of-the-art and reliable products.

Light management

We have acquired special expertise in the field of light management: most of our products are or can be DALI- or DMX- compatible in order to create amazing scenes with small and large installations. Our DMX-controlled appliances comply with the RDM protocol, with bi-directional communication on the DMX-512A line for diagnostics and remote addressing. Furthermore we have developed our own protocol DHSLC, used for dynamic architectural lighting in large set-ups providing precise control of fixtures or fixtures parts. With a high speed data transfer of 50 packets per second, DHSLC features self addressing, making installation and maintenance easy: fixtures are identified by their position.

Design and engineering

Our technical team includes:

- Graphic designers and lighting engineers
- Mechanical engineers
- Optics engineers
- Electronics engineers
- Laboratory technicians.

Quality and certifications

Diamante Lighting is ISO 9001 (2015) certified: all our processes - from design to marketing - are implemented with a focus on quality and supported by an integrated management system developed internally to fit our needs.

Our products are engineered and manufactured in compliance with European regulations:

(LVD) Directive - 2006/95/EEC

EN 60598-1: 2015 Luminaires. General requirements and tests.

EN 60598-2-5: 1999 Particular requirements - Floodlights

(EMC) Directive - 2004/108/EEC

References of standard and / or technical specifications applied for this declaration of conformity

EN 55015: 2006 + A1: 2007 + A2: 2009 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 61547: 2009 Specification for equipment for general lighting purposes. EMC immunity requirements

EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3: 2008 Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

Ecodesign Directive - 2009/125/EC

ROHS Directive - 2011/65/EU.

Furthermore, all our appliances are CE-certified.

Many luminaires operate with 110 V, 60 Hz for the North American markets, some are ETL-certified for the US market (see our website).

During the manufacturing process each single luminaire is tested to prove the efficiency of the electrical systems, the electronics schemes and the intrusion protection according to very strict standards.

We also contribute to LEED credits, supplying the necessary documents to enable constructors and designers to certify the sustainability of energy consumption of buildings that employ our fixtures.

Manufacturing

Our manufacturing department allows us to be cost-effective and precise on large deliveries of standard products, but also gives us the flexibility to provide our customers with samples and small, customized production batches. Our factory is equipped with a mechanical workshop, electronics assembly facilities, resins or adhesives dispensing machines.

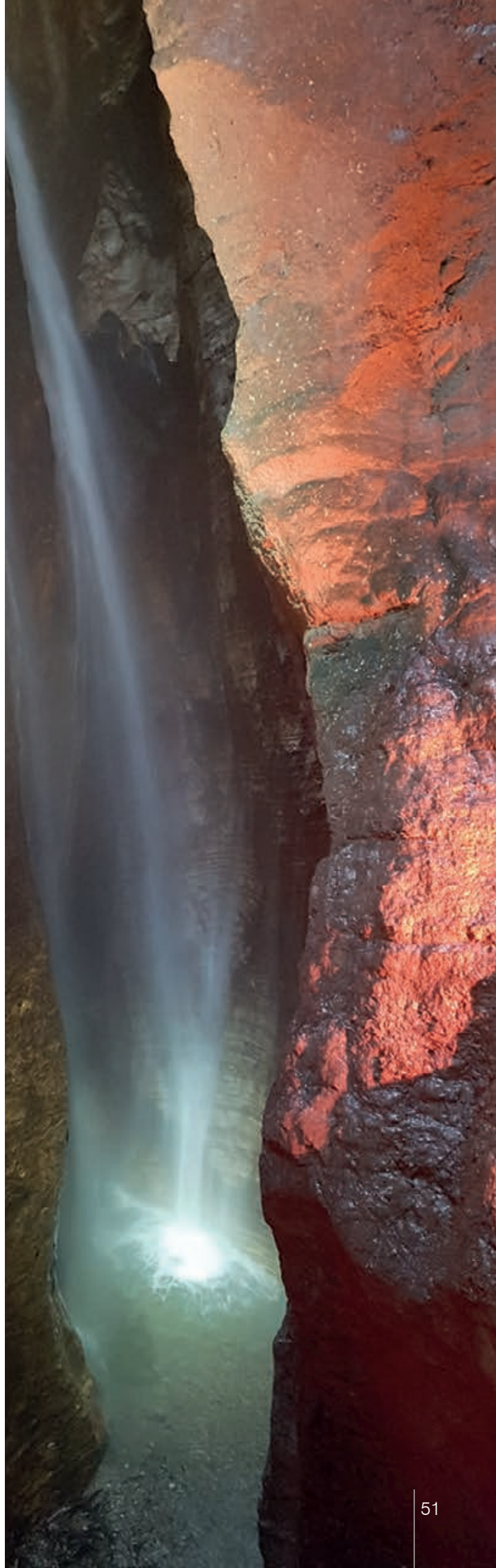
Customer care

Our business is based on the interaction with specifiers, installers and end-users providing assistance from the beginning to the end:

- During the project from the selection of the luminaires to the most complex lighting calculations.
- During the manufacturing process by adapting the products, the packaging and the logistics to our customers' requirements.
- During the installation out of our headquarters or on site
- During the start-up and testing through our application engineers.

Custom products

If you wish to find out more about our custom products in particularly complex projects please see the "Custom solutions" section in this catalogue or in our website www.diamantelighting.com.





Products

Intensa

Al Rayyan Stadium
Doha, Qatar





Intensa

IP 66 and IP 67

Grazing, wall washing and general illumination. Specification-grade modular system featuring high power LEDs. Power from 10W to 30W. Extremely compact adjustable modules to direct the light output where it is ideally needed. Modules lengths of 500, 750, 1000, 1250 and 1500 mm. Four high-precision beam angles including one elliptical distribution. Four colour temperatures from 2200K to 6000K plus RGB. Wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. Intensa is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Thanks to its rail profiles, Intensa is easy to position and orientate, installation-friendly even in difficult situations due to scarce space. Remote power supply unit. Control (via accessory) in DALI or directly in DMX







Rione Terra
Pozzuoli gulf, Naples



Intensa Channel

The Intensa modules can be mounted and aligned in a special channel in extruded aluminium alloy and can be oriented by means of small brackets. Empty segments of the channel can be closed with a black profile.

	Intensa 500	Intensa 750	Intensa 1000	Intensa 1250	Intensa 1500
Input power	10 W	15 W	20 W	25 W	30 W
Source flux	1415 lm	2125 lm	2835 lm	3540 lm	4250 lm
Source efficiency	151 lm/W	151 lm/W	151 lm/W	151 lm/W	151 lm/W
Delivered flux	1245 lm	1865 lm	2490 lm	3110 lm	3735 lm
Delivered efficiency	122 lm/W	122 lm/W	122 lm/W	122 lm/W	122 lm/W
Net weight	0,5 Kg	0,7 Kg	0,9 Kg	1,1 Kg	1,3 Kg

Intensa 500/1000/1500

IP rating

66 and 67

IK rating

08

Source type

high power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB

Beam angles

15°, 35°, 55°, 42°x14°

Light control

On/off, optional dimming (via accessories),

DMX auto addressing

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, thermally conductive Polyurethane resin

Connection

On/off: Through-wiring, power cable, length 0,1m, with M12 T-coded - IP68 4 poles connectors

DMX: Through-wiring, power cable, length 0,1m, with M12 T-coded - IP68 4 poles connectors

Intensa 750/1250

IP rating

66 and 67

IK rating

08

Source type

high power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

15°, 35°, 55°, 42°x14°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

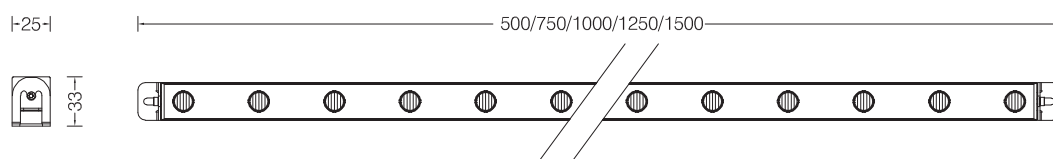
Construction

Extruded aluminium alloy, thermally conductive Polyurethane resin

Connection

On/off: Through-wiring, power cable, length 0,1m, with M12 T-coded - IP68 4 poles connectors

Dimensions (mm.)



Photometrics

		Intensa 500			Intensa 750			Intensa 1000			Intensa 1250		
15°		4000 K	0.5 m	38,9 klux	4000 K	1 m	14,6 klux	4000 K	1 m	19,5 klux	4000 K	1 m	24,3 klux
		9,73 kcd	1 m	9,7 klux	14,6 kcd	2 m	3,6 klux	19,4 kcd	2 m	4,9 klux	24,3 kcd	2 m	6,1 klux
		1,24 klm	2 m	2,4 klux	1,87 klm	5 m	584 lux	2,49 klm	5 m	778 lux	3,11 klm	5 m	973 lux
		10W	5 m	389 lux	15W	10 m	146 lux	20W	10 m	195 lux	25W	10 m	243 lux
35°		4000 K	0.5 m	10,4 klux	4000 K	0.5 m	15,6 klux	4000 K	0.5 m	20,8 klux	4000 K	0.5 m	26,0 klux
		2,60 kcd	1 m	2,6 klux	3,90 Kcd	1 m	3,9 klux	5,21 kcd	1 m	5,2 klux	6,51 kcd	1 m	6,5 klux
		1,20 klm	2 m	651 lux	1,81 Klm	2 m	976 lux	2,41 klm	2 m	1,3 klux	3,01 klm	2 m	1,6 klux
		10W	5 m	104 lux	15W	5 m	156 lux	20W	5 m	208 lux	25W	5 m	260 lux
55°		4000 K	0.2 m	32,1 klux	4000 K	0.2 m	48,2 klux	4000 K	0.5 m	10,3 klux	4000 K	0.5 m	12,8 klux
		1,28 kcd	0.5 m	5,1 klux	1,93 kcd	0.5 m	7,7 klux	2,57 kcd	1 m	2,6 klux	3,21 kcd	1 m	3,2 klux
		1,23 klm	1 m	1,3 klux	1,85 klm	1 m	1,9 klux	2,46 klm	2 m	642 lux	3,08 klm	2 m	803 lux
		10W	2 m	321 lux	15W	2 m	482 lux	20W	5 m	103 lux	25W	5 m	128 lux
42°x14°		4000 K	0.5 m	18,3 klux	4000 K	0.5 m	27,4 klux	4000 K	0.5 m	36,6 klux	4000 K	1 m	11,4 klux
		4,57 kcd	1 m	4,6 klux	6,86 Kcd	1 m	6,9 klux	9,15 kcd	1 m	9,1 klux	11,4 kcd	2 m	2,9 klux
		1,24 klm	2 m	1,1 klux	1,87 Klm	2 m	1,7 klux	2,49 klm	2 m	2,3 klux	3,11 klm	5 m	457 lux
		10W	5 m	183 lux	15W	5 m	274 lux	20W	5 m	366 lux	25W	10 m	114 lux
Intensa 1500			10 m	46 lux		10 m	69 lux		10 m	91 lux		20 m	29 lux
15°		4000 K	1 m	29,2 klux	4000 K	1 m	29,2 klux	4000 K	1 m	29,2 klux	4000 K	1 m	29,2 klux
		29,1 kcd	2 m	7,3 klux	29,1 kcd	2 m	7,3 klux	29,1 kcd	2 m	7,3 klux	29,1 kcd	2 m	7,3 klux
		3,73 klm	5 m	1,2 klux	3,73 klm	5 m	1,2 klux	3,73 klm	5 m	1,2 klux	3,73 klm	5 m	1,2 klux
		30W	10 m	292 lux	30W	10 m	292 lux	30W	10 m	292 lux	30W	10 m	292 lux
35°		4000 K	0.5 m	31,2 klux	4000 K	0.5 m	31,2 klux	4000 K	0.5 m	31,2 klux	4000 K	0.5 m	31,2 klux
		7,81 kcd	1 m	7,8 klux	7,81 kcd	1 m	7,8 klux	7,81 kcd	1 m	7,8 klux	7,81 kcd	1 m	7,8 klux
		3,61 klm	2 m	2,0 klux	3,61 klm	2 m	2,0 klux	3,61 klm	2 m	2,0 klux	3,61 klm	2 m	2,0 klux
		30W	5 m	312 lux	30W	5 m	312 lux	30W	5 m	312 lux	30W	5 m	312 lux
55°		4000 K	0.5 m	15,4 klux	4000 K	0.5 m	15,4 klux	4000 K	0.5 m	15,4 klux	4000 K	0.5 m	15,4 klux
		3,85 kcd	1 m	3,9 klux	3,85 kcd	1 m	3,9 klux	3,85 kcd	1 m	3,9 klux	3,85 kcd	1 m	3,9 klux
		3,69 klm	2 m	963 lux	3,69 klm	2 m	963 lux	3,69 klm	2 m	963 lux	3,69 klm	2 m	963 lux
		30W	5 m	154 lux	30W	5 m	154 lux	30W	5 m	154 lux	30W	5 m	154 lux
42°x14°		4000 K	1 m	13,7 klux	4000 K	1 m	13,7 klux	4000 K	1 m	13,7 klux	4000 K	1 m	13,7 klux
		13,7 kcd	2 m	3,4 klux	13,7 kcd	2 m	3,4 klux	13,7 kcd	2 m	3,4 klux	13,7 kcd	2 m	3,4 klux
		3,73 klm	5 m	549 lux	3,73 klm	5 m	549 lux	3,73 klm	5 m	549 lux	3,73 klm	5 m	549 lux
		30W	10 m	137 lux	30W	10 m	137 lux	30W	10 m	137 lux	30W	10 m	137 lux

Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

Codes

Intensa - 48 Vdc On/off

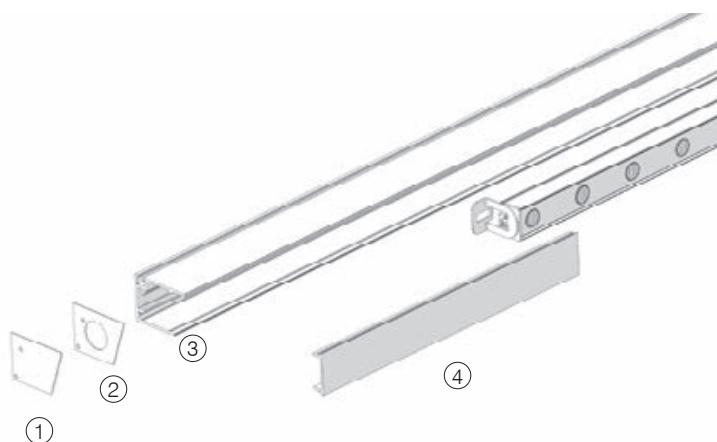
Intensa 500	ITS05ANR048	2200 K	SW	narrow beam	(15°)	NB
Intensa 750	ITS07ANR048	3000 K	WW	medium beam	(35°)	MB
Intensa 1000	ITS10ANR048	4000 K	NW	wide beam	(55°)	WB
Intensa 1250	ITS12ANR048	6000 K	CW	horizontal narrow	(42°x14°)	ON
Intensa 1500	ITS15ANR048					

Intensa - 48 Vdc DMX

Intensa 500	ITS05AND048	2200 K	SW	narrow beam	(15°)	NB
Intensa 1000	ITS10AND048	3000 K	WW	medium beam	(35°)	MB
Intensa 1500	ITS15AND048	4000 K	NW	wide beam	(55°)	WB
		6000 K	CW	horizontal narrow	(42°x14°)	ON
		RGB	RT			

Accessories

1. Blind terminal cod. C100266AOAN - 2. Perforated terminal cod. C100356AOAN - 3. Channel Intensa cod. C600263AOAN - 4. Plastic cover cod. A100268PCNT



Miscellaneous

Code	Description	Finishing
C100266AOAN	blind terminal	aluminium
C100356AOAN	perforated terminal	aluminium
C600263AOAN	Channel Intensa	aluminium
A100268PCNT	plastic cover	polycarbonate

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions(mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m

Libra

IP 66 and IP 67

Grazing and wall washing. Specification-grade modular system featuring high power LEDs. Power from 13W to 47W. Integrated anti-glare louver. Adjustable modules (-90 +90 degrees) to direct the light output precisely where it is mostly needed. Modules lengths of 300, 600, 900 and 1200 mm. Nine high-precision beam angles, including two elliptical distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. Libra is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly. Through-wiring. Power supply unit on board. Control through DMX-RDM or DALI.





High visual comfort

Modular system with power ranging from 13W to 47W and integrated anti-glare louver. Colour temperatures from 2200K to 6000K plus RGB and RGBW and a variety of beam angles suitable for accent lighting, grazing and wall washing in any urban and architectural environment. Power supply unit on board.



Orientable modules

The Libra modules, 300, 600, 900 and 1200 mm long, are adjustable between -90 and +90 degrees to direct the light output precisely where it is mostly needed. Silver grey anodized, IK 08, IP 66 and IP 67.



	Libra 300	Libra 600	Libra 900	Libra 1200
Input power	13 W	25 W	37 W	47 W
Source flux	1615 lm	3235 lm	4850 lm	6470 lm
Source efficiency	155 lm/W	155 lm/W	155 lm/W	155 lm/W
Delivered flux	1110 lm	2225 lm	3335 lm	4450 lm
Delivered efficiency	86 lm/W	90 lm/W	91 lm/W	94 lm/W
Net weight	1,8 Kg	2,7 Kg	3,5 Kg	4,1 Kg

Libra 300

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

5°,12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

On/off: Through-wiring, power supply cable, length 0,08m with IP68 3-poles connectors

Libra 600/900/1200

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles

5°,12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

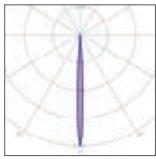
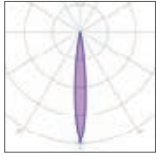
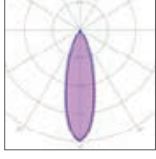
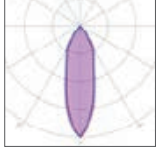
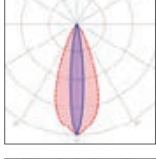
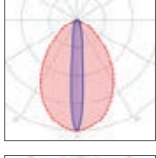
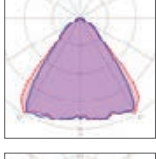
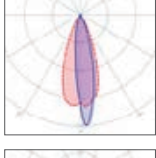
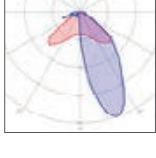
Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

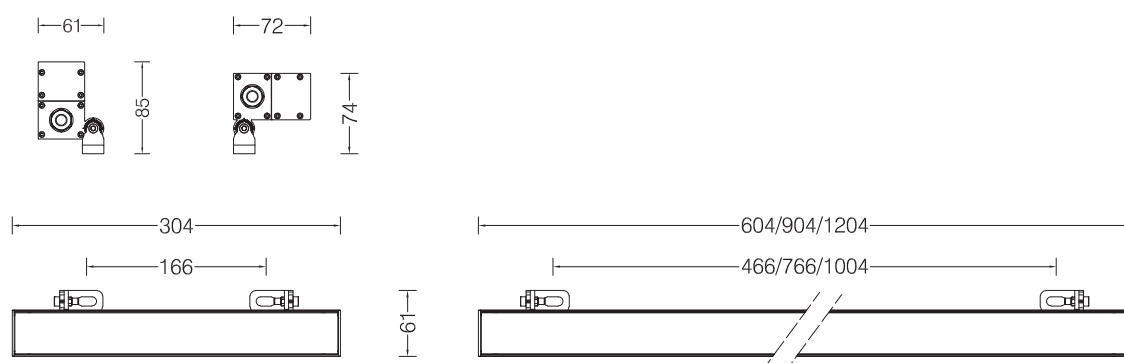
On/off: Through-wiring, power supply cable, length 0,08m with IP68 3-poles connectors

DMX: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

DALI: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

		Libra 300			Libra 600			Libra 900			Libra 1200		
5°		4000 K	2 m	21,9 klux	4000 K	2 m	43,9 klux	4000 K	5 m	10,5 klux	4000 K	5 m	14,0 klux
		87,7 kcd	5 m	3,5 klux	175 kcd	5 m	7,0 klux	263 kcd	10 m	2,6 klux	351 kcd	10 m	3,5 klux
		1,31 klm	10 m	877 lux	2,61 klm	10 m	1,8 klux	3,92 klm	20 m	658 lux	5,23 klm	20 m	877 lux
		13W	20 m	219 lux	25W	20 m	439 lux	37W	50 m	105 lux	47W	50 m	140 lux
			50 m	35 lux		50 m	70 lux		100 m	26 lux		100 m	35 lux
12°		4000 K	1 m	23,2 klux	4000 K	2 m	11,6 klux	4000 K	2 m	17,4 klux	4000 K	2 m	23,2 klux
		23,2 kcd	2 m	5,8 klux	46,4 kcd	5 m	1,9 klux	69,6 kcd	5 m	2,8 klux	92 kcd	5 m	3,7 klux
		1,11 klm	5 m	929 lux	2,22 klm	10 m	464 lux	3,34 klm	10 m	696 lux	4,45 klm	10 m	929 lux
		13W	10 m	232 lux	25W	20 m	116 lux	37W	20 m	174 lux	47W	20 m	232 lux
			20 m	58 lux		50 m	19 lux		50 m	28 lux		50 m	37 lux
25°		4000 K	0.5 m	14,7 klux	4000 K	0.5 m	29,3 klux	4000 K	1 m	11,0 klux	4000 K	1 m	14,7 klux
		3,66 kcd	1 m	3,7 klux	7,33 kcd	1 m	7,3 klux	11 kcd	2 m	2,7 klux	14,6 kcd	2 m	3,7 klux
		1,13 klm	2 m	916 lux	2,25 klm	2 m	1,8 Klux	3,38 klm	5 m	440 lux	4,50 klm	5 m	586 lux
		13W	5 m	147 lux	25W	5 m	293 lux	37W	10 m	110 lux	47W	10 m	147 lux
			10 m	37 lux		10 m	73 lux		20 m	27 lux		20 m	37 lux
40°		4000 K	0.2 m	58,6 klux	4000 K	0.5 m	18,7 klux	4000 K	0.5 m	28,1 klux	4000 K	0.5 m	37,5 klux
		2,34 kcd	0.5 m	9,4 klux	4,69 kcd	1 m	4,7 klux	7,03 kcd	1 m	7,0 klux	9,37 kcd	1 m	9,4 klux
		1,06 klm	1 m	2,3 klux	2,11 klm	2 m	1,2 klux	3,17 klm	2 m	1,8 klux	4,23 klm	2 m	2,3 klux
		13W	2 m	586 lux	25W	5 m	187 lux	37W	5 m	281 lux	47W	5 m	375 lux
			5 m	94 lux		10 m	47 lux		10 m	70 lux		10 m	94 lux
34°x14°		4000 K	0.5 m	22,6 klux	4000 K	1 m	11,3 klux	4000 K	1 m	16,9 klux	4000 K	1 m	22,6 klux
		5,65 kcd	1 m	5,6 klux	11,3 kcd	2 m	2,8 klux	16,9 kcd	2 m	4,2 klux	22,6 kcd	2 m	5,6 klux
		1,10 klm	2 m	1,4 klux	2,20 klm	5 m	452 lux	3,29 klm	5 m	678 lux	4,39 klm	5 m	904 lux
		13W	5 m	226 lux	25W	10 m	113 lux	37W	10 m	169 lux	47W	10 m	226 lux
			10 m	56 lux		20 m	28 lux		20 m	42 lux		20 m	56 lux
75°x12°		4000 K	0.2 m	53,3 klux	4000 K	0.5 m	17,1 klux	4000 K	0.5 m	25,6 klux	4000 K	0.5 m	34,1 klux
		2,13 kcd	0.5 m	8,5 klux	4,26 kcd	1 m	4,3 klux	6,40 kcd	1 m	6,4 klux	8,53 kcd	1 m	8,5 klux
		1,11 klm	1 m	2,1 klux	2,22 klm	2 m	1,1 klux	3,34 klm	2 m	1,6 klux	4,45 klm	2 m	2,1 klux
		13W	2 m	533 lux	25W	5 m	171 lux	37W	5 m	256 lux	47W	5 m	341 lux
			5 m	85 lux		10 m	43 lux		10 m	64 lux		10 m	85 lux
80°		4000 K	0.2 m	19,5 klux	4000 K	0.2 m	39,0 klux	4000 K	0.2 m	58,6 klux	4000 K	0.5 m	12,5 klux
		781 cd	0.5 m	3,1 klux	1,56 kcd	0.5 m	6,2 klux	2,34 Kcd	0.5 m	9,4 klux	3,12 kcd	1 m	3,1 klux
		1,34 klm	1 m	781 lux	2,69 klm	1 m	1,6 klux	4,03 Klm	1 m	2,3 klux	5,37 klm	2 m	781 lux
		13W	2 m	195 lux	25W	2 m	390 lux	37W	2 m	586 lux	47W	5 m	125 lux
			5 m	31 lux		5 m	62 lux		5 m	94 lux		10 m	31 lux
wall washer narrow		4000 K	0.5 m	17,7 klux	4000 K	0.5 m	35,5 klux	4000 K	1 m	13,3 klux	4000 K	1 m	17,7 klux
		4,43 kcd	1 m	4,4 klux	8,87 Kcd	1 m	8,9 klux	13,3 kcd	2 m	3,3 klux	17,7 kcd	2 m	4,4 klux
		1,17 klm	2 m	1,1 klux	2,34 Klm	2 m	2,2 klux	3,50 klm	5 m	532 lux	4,67 klm	5 m	709 lux
		13W	5 m	177 lux	25W	5 m	355 lux	37W	10 m	133 lux	47W	10 m	177 lux
			10 m	44 lux		10 m	89 lux		20 m	33 lux		20 m	44 lux
asymmetrical wide		4000 K	0.2 m	29,2 klux	4000 K	0.2 m	58,4 klux	4000 K	0.5 m	14,0 klux	4000 K	0.5 m	18,7 klux
		1,17 kcd	0.5 m	4,7 klux	2,34 kcd	0.5 m	9,3 klux	3,50 kcd	1 m	3,5 klux	4,67 kcd	1 m	4,7 klux
		1,33 klm	1 m	1,2 klux	2,66 klm	1 m	2,3 klux	3,98 klm	2 m	876 lux	5,31 klm	2 m	1,2 klux
		13W	2 m	292 lux	25W	2 m	584 lux	37W	5 m	140 lux	47W	5 m	187 lux
			5 m	47 lux		5 m	93 lux		10 m	35 lux		10 m	47 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

Libra - 230VAC On/off

Libra 300	LIB03ABX231	2200 K	SW	ultra narrow beam (5°)	UN
Libra 600	LIB06ABX231	3000 K	WW	narrow beam (12°)	NB
Libra 900	LIB09ABX231	4000 K	NW	medium beam (25°)	MB
Libra 1200	LIB12ABA231	6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra - 230VAC DALI

Libra 600	LIB06ABA231	2200 K	SW	ultra narrow beam (5°)	UN
Libra 900	LIB09ABA231	3000 K	WW	narrow beam (12°)	NB
Libra 1200	LIB12ABA231	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra - 230VAC DMX-512A

Libra 600	LIB06ABD231	2200 K	SW	ultra narrow beam (5°)	UN
Libra 900	LIB09ABD231	3000 K	WW	narrow beam (12°)	NB
Libra 1200	LIB12ABD231	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
		RGB	RT	horizontal narrow (35°x14°)	ON
		RGBW	RW	horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Accessories

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

Libra LO

IP 66 and IP 67

Low output, energy saving luminaire for grazing and wall washing. Specification-grade modular system featuring high power LEDs from 6W to 23W. Adjustable modules (-90 +180 degrees) to direct the light output precisely where it is mostly needed. Modules lengths of 300, 600, 900 and 1200 mm. Nine high-precision beam angles, including one asymmetric distribution for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. Libra LO is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly. Through-wiring. Power supply unit on board. Control through DMX-RDM or DALI.







Orientable modules

The Libra LO modules, 300, 600, 900 and 1200 mm long, are adjustable between -90 and +90 degrees to direct the light output precisely where it is mostly needed. Silver grey anodized, IK 08, IP 66 and IP 67.

	Libra LO 300	Libra LO 600	Libra LO 900	Libra LO 1200
Input power	6 W	13 W	20 W	23 W
Source flux	850 lm	1700 lm	2835 lm	3395 lm
Source efficiency	167 lm/W	167 lm/W	167 lm/W	167 lm/W
Delivered flux	585 lm	1170 lm	1950 lm	2335 lm
Delivered efficiency	93 lm/W	96 lm/W	97 lm/W	101 lm/W
Net weight	1,8 Kg	2,7 Kg	3,5 Kg	4,1 Kg

Libra LO 300

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

Libra LO 600/900/1200

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

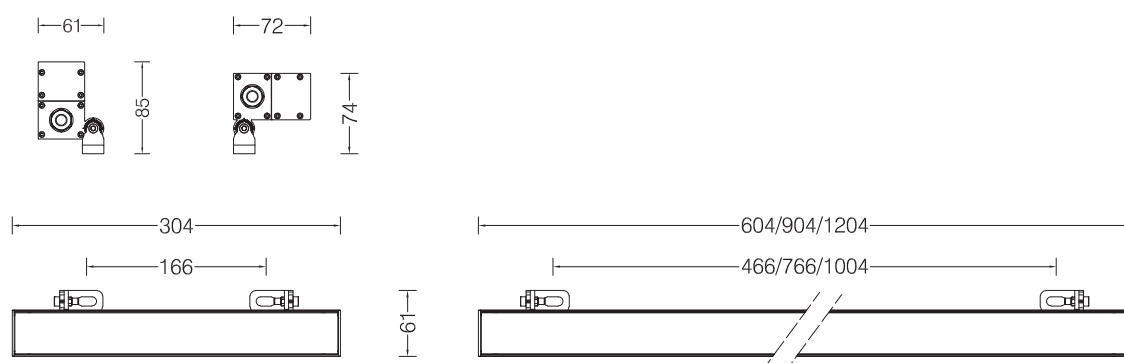
On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

DMX: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

DALI: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

		Libra LO 300			Libra LO 600			Libra LO 900			Libra LO 1200		
5°		4000 K	2 m	11,5 klux	4000 K	2 m	23,0 klux	4000 K	2 m	38,5 klux	4000 K	2 m	46,1 klux
		46 kcd	5 m	1,8 klux	92,1 kcd	5 m	3,7 klux	153 kcd	5 m	6,2 klux	184 kcd	5 m	7,4 klux
		686 lm	10 m	461 lux	1,37 klm	10 m	921 lux	2,29 klm	10 m	1,5 klux	2,74 klm	10 m	1,8 klux
		6W	20 m	115 lux	13W	20 m	230 lux	20W	20 m	385 lux	23W	20 m	461 lux
			50 m	18 lux		50 m	37 lux		50 m	62 lux		50 m	74 lux
12°		4000 K	1 m	12,2 Klux	4000 K	1 m	24,4 klux	4000 K	2 m	10,2 klux	4000 K	2 m	12,2 Klux
		12,2 kcd	2 m	3,0 Klux	24,3 kcd	2 m	6,1 klux	40,7 kcd	5 m	1,6 klux	48,7 kcd	5 m	2,0 Klux
		583 lm	5 m	488 lux	1,17 klm	5 m	975 lux	1,95 klm	10 m	407 lux	2,34 klm	10 m	488 lux
		6W	10 m	122 lux	13W	10 m	244 lux	20W	20 m	102 lux	23W	20 m	122 lux
			20 m	30 lux		20 m	61 lux		50 m	16 lux		50 m	20 lux
25°		4000 K	0.2 m	48,1 klux	4000 K	0.5 m	15,4 klux	4000 K	0.5 m	25,7 klux	4000 K	0.5 m	30,8 klux
		1,92 kcd	0.5 m	7,7 klux	3,85 kcd	1 m	3,8 klux	6,42 kcd	1 m	6,4 klux	7,69 kcd	1 m	7,7 klux
		591 lm	1 m	1,9 klux	1,18 klm	2 m	962 lux	1,97 klm	2 m	1,6 klux	2,36 klm	2 m	1,9 klux
		6W	2 m	481 lux	13W	5 m	154 lux	20W	5 m	257 lux	23W	5 m	308 lux
			5 m	77 lux		10 m	38 lux		10 m	64 lux		10 m	77 lux
40°		4000 K	0.2 m	30,8 klux	4000 K	0.2 m	61,5 klux	4000 K	0.5 m	16,4 klux	4000 K	0.5 m	19,7 klux
		1,23 kcd	0.5 m	4,9 klux	2,46 kcd	0.5 m	9,8 klux	4,11 kcd	1 m	4,1 klux	4,92 kcd	1 m	4,9 klux
		554,6 lm	1 m	1,2 klux	1,11 klm	1 m	2,5 klux	1,85 klm	2 m	1,0 klux	2,22 klm	2 m	1,2 klux
		6W	2 m	308 lux	13W	2 m	615 lux	20W	5 m	164 lux	23W	5 m	197 lux
			5 m	49 lux		5 m	98 lux		10 m	41 lux		10 m	49 lux
34°x14°		4000 K	0.5 m	11,9 klux	4000 K	0.5 m	23,7 klux	4000 K	0.5 m	39,6 klux	4000 K	1 m	11,9 klux
		2,97 kcd	1 m	3,0 klux	5,93 kcd	1 m	5,9 klux	9,91 kcd	1 m	9,9 klux	11,8 kcd	2 m	3,0 klux
		576,5 lm	2 m	742 lux	1,15 klm	2 m	1,5 klux	1,93 klm	2 m	2,5 klux	2,31 klm	5 m	475 lux
		6W	5 m	119 lux	13W	5 m	237 lux	20W	5 m	396 lux	23W	10 m	119 lux
			10 m	30 lux		10 m	59 lux		10 m	99 lux		20 m	30 lux
75°x12°		4000 K	0.2 m	28,0 klux	4000 K	0.2 m	56,0 klux	4000 K	0.5 m	15,0 klux	4000 K	0.5 m	17,9 klux
		1,12 kcd	0.5 m	4,5 klux	2,24 kcd	0.5 m	9,0 klux	3,74 kcd	1 m	3,7 klux	4,48 kcd	1 m	4,5 klux
		583,8 lm	1 m	1,1 klux	1,17 klm	1 m	2,2 klux	1,95 klm	2 m	935 lux	2,34 klm	2 m	1,1 klux
		6W	2 m	280 lux	13W	2 m	560 lux	20W	5 m	150 lux	23W	5 m	179 lux
			5 m	45 lux		5 m	90 lux		10 m	37 lux		10 m	45 lux
80°		4000 K	0.2 m	10,1 klux	4000 K	0.2 m	20,2 klux	4000 K	0.2 m	33,7 klux	4000 K	0.2 m	40,4 klux
		404 cd	0.5 m	1,6 klux	808,1 cd	0.5 m	3,2 klux	1,35 kcd	0.5 m	5,4 klux	1,62 kcd	0.5 m	6,5 klux
		694,8 lm	1 m	404 lux	1,39 klm	1 m	808 lux	2,32 klm	1 m	1,3 klux	2,78 klm	1 m	1,6 klux
		6W	2 m	101 lux	13W	2 m	202 lux	20W	2 m	337 lux	23W	2 m	404 lux
			5 m	16 lux		5 m	32 lux		5 m	54 lux		5 m	65 lux
wall washer narrow		4000 K	0.2 m	58,2 klux	4000 K	0.5 m	18,6 klux	4000 K	0.5 m	31,1 klux	4000 K	0.5 m	37,3 klux
		2,33 kcd	0.5 m	9,3 klux	4,66 kcd	1 m	4,7 klux	7,78 kcd	1 m	7,8 klux	9,31 kcd	1 m	9,3 klux
		613 lm	1 m	2,3 klux	1,23 klm	2 m	1,2 klux	2,05 klm	2 m	1,9 klux	2,45 klm	2 m	2,3 klux
		6W	2 m	582 lux	13W	5 m	186 lux	20W	5 m	311 lux	23W	5 m	373 lux
			5 m	93 lux		10 m	47 lux		10 m	78 lux		10 m	93 lux
asymmetrical wide		4000 K	0.2 m	15,1 klux	4000 K	0.2 m	30,2 klux	4000 K	0.2 m	50,5 klux	4000 K	0.2 m	60,4 klux
		604,2 cd	0.5 m	2,4 klux	1,21 kcd	0.5 m	4,8 klux	2,02 kcd	0.5 m	8,1 klux	2,42 kcd	0.5 m	9,7 klux
		687,2 lm	1 m	604 lux	1,37 klm	1 m	1,2 klux	2,30 klm	1 m	2,0 klux	2,75 klm	1 m	2,4 klux
		6W	2 m	151 lux	13W	2 m	302 lux	20W	2 m	505 lux	23W	2 m	604 lux
			5 m	24 lux		5 m	48 lux		5 m	81 lux		5 m	97 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

ibra LO - 230VAC On/off

Libra LO 300	LIL03ABX231	2200 K	SW	ultra narrow beam (5°)	UN
Libra LO 600	LIL06ABX231	3000 K	WW	narrow beam (12°)	NB
Libra LO 900	LIL09ABX231	4000 K	NW	medium beam (25°)	MB
Libra LO 1200	LIL12ABA231	6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra LO - 230VAC DALI

Libra LO 600	LIL06ABA231	2200 K	SW	ultra narrow beam (5°)	UN
Libra LO 900	LIL09ABA231	3000 K	WW	narrow beam (12°)	NB
Libra LO 1200	LIL12ABA231	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
				horizontal narrow (35°x14°)	ON
				horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Libra LO - 230VAC DMX 512A

Libra LO 600	LIL06ABD231	2200 K	SW	ultra narrow beam (5°)	UN
Libra LO 900	LIL09ABD231	3000 K	WW	narrow beam (12°)	NB
Libra LO 1200	LIL12ABD231	4000 K	NW	medium beam (25°)	MB
		6000 K	CW	wide beam (40°)	WB
		RGB	RT	horizontal narrow (35°x14°)	ON
		RGBW	RW	horizontal wide (75°x12°)	OW
				flood (80°)	FL
				wall washer narrow	A2
				asymmetrical wide	AS

Accessories

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

Lynea

IP 66 and IP 67

Grazing and wall washing. Specification-grade modular system featuring high power LEDs. Power from 31W to 58W. Adjustable brackets. Modules lengths of 600, 900 and 1200 mm. Six high-precision beam angles including two elliptical distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. Lynea is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly. Through-wiring. Power supply unit on board. Control through DMX-RDM or DALI.





IP 66 and IP 67

wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details.

Lynea is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings.

Through-wiring. Power supply unit on board. Control through DMX-RDM or DALI.

Through-wiring, high output

This modular, in-ground system features about 50W per meter and a delivered efficiency of 140 lm/W. Maintenance 110000 hours. Ideal for grazing and wall washing. Linea features through-wiring and a recess profile in aluminium alloy. Power supply unit on board. IK 10.



	Lynea 600	Lynea 900	Lynea 1200
Input power	34 W	50 W	66 W
Source flux	3980 lm	5945 lm	7925 lm
Source efficiency	137 lm/W	140 lm/W	140 lm/W
Delivered flux	2985 lm	4460 lm	5945 lm
Delivered efficiency	88 lm/W	89 lm/W	90 lm/W
Net weight	2,6 Kg	3,3 Kg	4 Kg

IP rating

66 and 67

IK rating

10

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 100,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

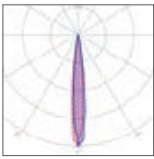
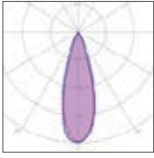
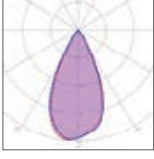
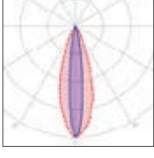
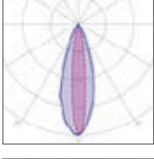
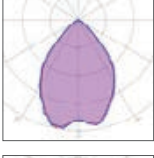
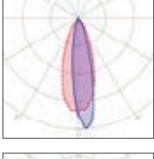
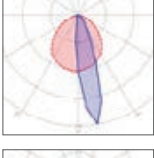
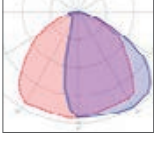
Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

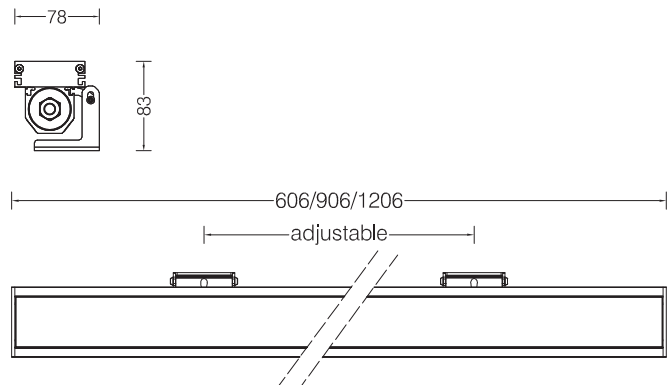
On/off: Through-wiring, power supply cable, length 0,15m with IP68 3-poles connectors

DMX: Through-wiring, power supply and signal cable, length 0,15m with IP68 6-poles connectors

DALI: Through-wiring, power supply and signal cable, length 0,15m with IP68 6-poles connectors

		Lynea 600			Lynea 900			Lynea 1200		
		4000 K	2 m	13,4 klux	4000 K	2 m	20,1 klux	4000 K	2 m	26,8 klux
		53,7 kcd	5 m	2,2 klux	80,3 kcd	5 m	3,2 klux	107, kcd	5 m	4,3 klux
		2,98 klm	10 m	538 lux	4,46 klm	10 m	803 lux	5,94 klm	10 m	1,1 klux
		34W	20 m	134 lux	50W	20 m	201 lux	66W	20 m	268 lux
10°			50 m	22 lux		50 m	32 lux		50 m	43 lux
		4000 K	0,5 m	40,0 klux	4000 K	1 m	14,9 klux	4000 K	1 m	19,9 klux
		9,99 kcd	1 m	10,0 klux	14,9 kcd	2 m	3,7 klux	19,9 kcd	2 m	5,0 klux
		2,88 klm	2 m	2,5 klux	4,31 klm	5 m	597 lux	5,74 klm	5 m	796 lux
		34W	5 m	400 lux	50W	10 m	149 lux	66W	10 m	199 lux
30°			10 m	100 lux		20 m	37 lux		20 m	50 lux
		4000 K	0,5 m	19,1 klux	4000 K	0,5 m	28,6 klux	4000 K	0,5 m	38,1 klux
		4,78 kcd	1 m	4,8 klux	7,14 kcd	1 m	7,1 klux	9,53 kcd	1 m	9,5 klux
		2,98 klm	2 m	1,2 klux	4,46 klm	2 m	1,8 klux	5,94 klm	2 m	2,4 klux
		34W	5 m	191 lux	50W	5 m	286 lux	66W	5 m	381 lux
50°			10 m	48 lux		10 m	71 lux		10 m	95 lux
		4000 K	1 m	16,9 klux	4000 K	1 m	25,2 klux	4000 K	1 m	33,6 klux
		16,9 kcd	2 m	4,2 klux	25,2 kcd	2 m	6,3 klux	33,6 kcd	2 m	8,4 klux
		2,88 klm	5 m	676 lux	4,31 klm	5 m	1,0 klux	5,74 klm	5 m	1,3 klux
		34W	10 m	169 lux	50W	10 m	252 lux	66W	10 m	336 lux
35°x12°			20 m	42 lux		20 m	63 lux		20 m	84 lux
		4000 K	1 m	16,9 klux	4000 K	1 m	25,2 klux	4000 K	1 m	33,6 klux
		16,0 kcd	2 m	4,2 klux	25,2 kcd	2 m	6,3 klux	33,6 kcd	2 m	8,4 klux
		2,88 klm	5 m	676 lux	4,31 klm	5 m	1,0 klux	5,74 klm	5 m	1,3 klux
		34W	10 m	169 lux	50W	10 m	252 lux	66W	10 m	336 lux
12°x35°			20 m	42 lux		20 m	63 lux		20 m	84 lux
		4000 K	0,2 m	54,3 klux	4000 K	0,5 m	13,0 klux	4000 K	0,5 m	17,3 klux
		2,17 kcd	0,5 m	8,7 klux	3,24 kcd	1 m	3,2 klux	4,33 kcd	1 m	4,3 klux
		2,95 klm	1 m	2,2 klux	4,41 klm	2 m	811 lux	5,88 klm	2 m	1,1 klux
		34W	2 m	543 lux	50W	5 m	130 lux	66W	5 m	173 lux
80°			5 m	87 lux		10 m	32 lux		10 m	43 lux
		4000 K	0,5 m	39,7 klux	4000 K	1 m	14,8 klux	4000 K	1 m	19,8 klux
		9,93 kcd	1 m	9,9 klux	14,8 kcd	2 m	3,7 klux	19,7 kcd	2 m	4,9 klux
		2,88 klm	2 m	2,5 klux	4,31 klm	5 m	593 lux	5,74 klm	5 m	791 lux
		34W	5 m	397 lux	50W	10 m	148 lux	66W	10 m	198 lux
narrow wall washer			10 m	99 lux		20 m	37 lux		20 m	49 lux
		4000 K	0,5 m	17,4 klux	4000 K	0,5 m	26,0 klux	4000 K	0,5 m	34,7 klux
		4,35 kcd	1 m	4,3 klux	6,50 kcd	1 m	6,5 klux	8,66 kcd	1 m	8,7 klux
		3,15 klm	2 m	1,1 klux	4,71 klm	2 m	1,6 klux	6,28 klm	2 m	2,2 klux
		34W	5 m	174 lux	50W	5 m	260 lux	66W	5 m	347 lux
wide wall washer			10 m	43 lux		10 m	65 lux		10 m	87 lux
		4000 K	0,2 m	34,9 klux	4000 K	0,2 m	52,2 klux	4000 K	0,5 m	11,1 klux
		1,40 kcd	0,5 m	5,6 klux	2,09 kcd	0,5 m	8,4 klux	2,78 kcd	1 m	2,8 klux
		3,09 klm	1 m	1,4 klux	4,61 klm	1 m	2,1 klux	6,14 klm	2 m	696 lux
		34W	2 m	349 lux	50W	2 m	522 lux	66W	5 m	111 lux
wide asymmetrical			5 m	56 lux		5 m	84 lux		10 m	28 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

Lynea - 230VAC On/off

Lynea 600	LNA06ABX231	2200 K	SW	narrow beam	(10°)	NB
Lynea 900	LNA09ABX231	3000 K	WW	medium beam	(30°)	MB
Lynea1200	LNA12ABX231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Lynea - 230VAC DALI

Lynea 600	LNA06ABA231	2200 K	SW	narrow beam	(10°)	NB
Lynea 900	LNA09ABA231	3000 K	WW	medium beam	(30°)	MB
Lynea1200	LNA12ABA231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Lynea - 230VAC DMX-512A

Lynea 600	LNA06ABD231	2200 K	SW	narrow beam	(10°)	NB
Lynea 900	LNA09ABD231	3000 K	WW	medium beam	(30°)	MB
Lynea1200	LNA12ABD231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
		RGB	RT	vertical narrow	(12°x35°)	VN
		RGBW	RW	flood	(80°)	FL

Accessories

Light shields

Code	Description	Finishing
C100373AOAN	shield Lynea 600	aluminium
C100374AOAN	shield Lynea 900	aluminium
C100375AOAN	shield Lynea 1200	aluminium

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

Workline

IP 66 and IP 67

Grazing and wall washing. Specification-grade modular system featuring high power LEDs. Power from 13W to 47W. Very compact body, adjustable brackets. Modules lengths of 300, 600, 900 and 1200 mm. Five high-precision beam angles including two elliptical distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K and RGBW. Colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. Workline is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly even in difficult situations due to scarce space. Integrate power supply unit. Control through DMX-RDM.





IP 66 and IP 67

Power supply unit on board.

Power from 13 to 47W.

Luminous flux from 1250 to 505 lm.

Workline is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings.

Visual comfort

Work-Line is a modular linear device, design allows a to have a linear application through stainless steel brackets in application without support surface. Tempered frontal glass and PMMA lenses helps to have a clean linear design.



	Workline 300	Workline 600	Workline 900	Workline 1200
Input power	13 W	25 W	37 W	47 W
Source flux	1615 lm	3235 lm	4850 lm	6470 lm
Source efficiency	155 lm/W	155 lm/W	155 lm/W	155 lm/W
Delivered flux	1250 lm	2500 lm	3755 lm	5005 lm
Delivered efficiency	97,1 lm/W	100,7 lm/W	101,9 lm/W	105,4 lm/W
Net weight	1,8 Kg	2,7 Kg	3,5 Kg	4,1 Kg

Workline 300

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

8°, 35°, 45°x8°, 75°x40°, 100°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

Workline 600/900/1200

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

8°, 35°, 45°x8°, 75°x40°, 100°

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

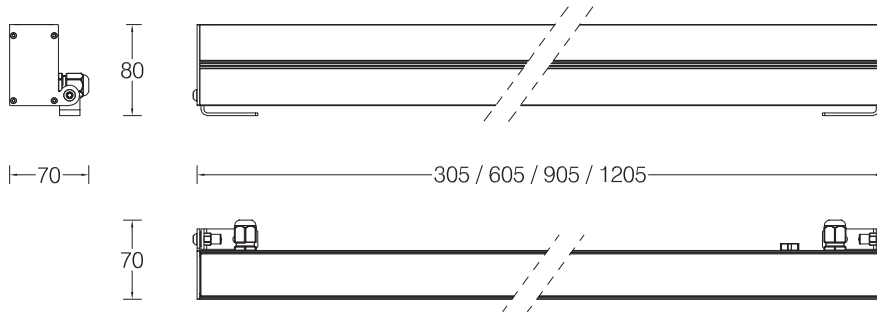
On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

DMX: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

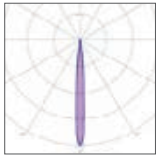
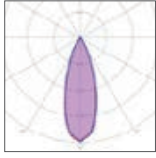
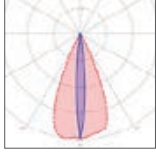
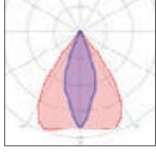
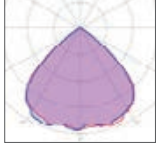
DALI: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

Dimensions (mm.)

43



Photometrics

		Workline 300			Workline 600			Workline 900			Workline 1200		
8°		4000 K	2 m	10,5 klux	4000K	2m	21 klux	4000K	2m	31,6 klux	4000K	2m	42,1 klux
		42 kcd	5 m	1,7 klux	84,1 kcd	5m	3,4 klux	126 kcd	5m	5,1 klux	168 kcd	5m	6,7 klux
		1,25 klm	10 m	421 lux	2,50 klm	10m	842 lux	3,75 klm	10m	1,3 klux	5 klm	10m	1,7 klux
		13W	20 m	105 lux	25 W	20m	210 lux	37 W	20m	316 lux	47 W	20m	421 lux
			50 m	17 lux		50m	34 lux		50m	51 lux		50m	67 lux
35°		4000K	50cm	12,5 klux	4000K	50cm	24,9 klux	4000K	50cm	37,4 klux	4000K	1m	12,5 klux
		3,12 kcd	1m	3,1 klux	6,23 kcd	1m	6,2 klux	9,35 kcd	1m	9,3 klux	12,5 kcd	2m	3,1 klux
		1,22 klm	2m	779 lux	2,45 klm	2m	1,6 klux	3,67 klm	2m	2,3 klux	4,89 klm	5m	499 lux
		13 W	5m	125 lux	25 W	5m	249 lux	37 W	5m	374 lux	47 W	10m	125 lux
45°x8°		4000K	50cm	34,6 klux	4000K	1m	17,3 klux	4000K	1m	25,9 klux	4000K	1m	34,5 klux
		8,64 kcd	1m	8,6 klux	17,3 kcd	2m	4,3 klux	25,9 kcd	2m	6,5 klux	34,5 kcd	2m	8,6 klux
		1,25 klm	2m	2,2 klux	2,50 klm	5m	691 lux	3,75 klm	5m	1 klux	5 klm	5m	1,4 klux
		13 W	5m	364 lux	25 W	10m	173 lux	37 W	10m	256 lux	47 W	10m	346 lux
75°x40°		4000K	20cm	48,7 klux	4000K	50cm	15,6 klux	4000K	50cm	23,4 klux	4000K	50cm	31,2 klux
		1,95 kcd	50cm	7,8 klux	3,9 kcd	1m	3,9 klux	5,85 kcd	1m	5,8 klux	7,8 kcd	1m	7,8 klux
		1,33 klm	1m	1,9 klux	2,67 klm	2m	975 lux	4 klm	2m	1,5 klux	5,34 klm	2m	1,9 klux
		13 W	2m	487 lux	25 W	5m	156 lux	37 W	5m	234 lux	47 W	5m	312 lux
100°		4000K	20cm	17 klux	4000K	20cm	34,1 klux	4000K	20cm	51,1 klux	4000K	50cm	10,9 klux
		681 cd	50cm	2,7 klux	1,36 kcd	50cm	5,5 klux	204 kcd	50cm	8,2 klux	2,73 kcd	1m	2,7 klux
		1,36 klm	1m	681 lux	2,72 klm	1m	1,4 lux	4,9 klm	1m	2 klux	5,45 klm	2m	681 lux
		13 W	2m	170 lux	25 W	2m	341 lux	37 W	2m	511 lux	47 W	5m	109 lux
			5m	27 lux		5m	55 lux		5m	82 lux		10m	27 lux

Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

Workline - 230VAC On/off

Workline 300	WOK03ANX231	2200 K	SW	narrow beam	(8°)	NB
Workline 600	WOK06ANX231	3000 K	WW	medium beam	(35°)	MB
Workline 900	WOK09ANX231	4000 K	NW	horizontal narrow	(45°x8°)	ON
Workline 1200	WOK12ANX231	6000 K	CW	horizontal wide	(75°x40°)	OW
				flood	(80°)	FL

Workline - 230VAC DALI

Workline 600	WOK06ANA231	2200 K	SW	narrow beam	(8°)	NB
Workline 900	WOK09ANA231	3000 K	WW	medium beam	(35°)	MB
Workline 1200	WOK12ANA231	4000 K	NW	horizontal narrow	(45°x8°)	ON
		6000 K	CW	horizontal wide	(75°x40°)	OW
				flood	(80°)	FL

Workline - 230VAC DMX 512A

Workline 600	WOK06AND231	2200 K	SW	narrow beam	(8°)	NB
Workline 900	WOK09AND231	3000 K	WW	medium beam	(35°)	MB
Workline 1200	WOK12AND231	4000 K	NW	horizontal narrow	(45°x8°)	ON
		6000 K	CW	horizontal wide	(75°x40°)	OW
		RGBW	RW	flood	(80°)	FL

Accessories

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

IN-Libra

IP 66 and IP 67

Grazing. Specification-grade, in-ground, walk-over modular system featuring high power LEDs. Power from 13W to 47W. Modules lengths of 300, 600, 900 and 1200 mm. Nine high-precision beam angles including asymmetrical distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. IN-Libra is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office, commercial and residential buildings. Easy to position, installation-friendly. Power supply unit on board. Control through DMX-RDM or DALI.



IP 66 and IP 67

Grazing. Specification-grade modular system featuring high power LEDs.

Power supply on board.

Power from 13 to 47W.

Luminous flux from 1615 to 6470 lm.

Excellent uniformity. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details.





Through-wiring, high output

This modular, in-ground system features about 40W per meter and a delivered efficiency of 155 lm/W. Maintenance 110000 hours. Ideal for grazing. Power supply unit on board.

IK 08, walk-over.

	IN-Libra 300	IN-Libra 600	IN-Libra 900	IN-Libra 1200
Input power	13 W	25 W	37 W	47 W
Source flux	1615 lm	3235 lm	4850 lm	6470 lm
Source efficiency	155 lm/W	155 lm/W	155 lm/W	155 lm/W
Delivered flux	1110 lm	2225 lm	3335 lm	4450 lm
Delivered efficiency	86 lm/W	90 lm/W	91 lm/W	94 lm/W
Net weight	1,8 Kg	2,7 Kg	3,5 Kg	4,1 Kg

IN-Libra 300

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

IN-Libra 600/900/1200

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

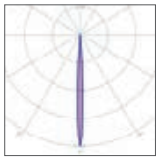
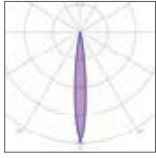
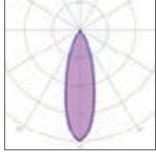
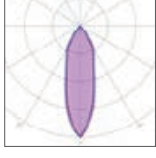
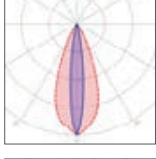
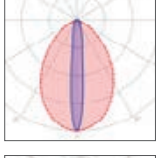
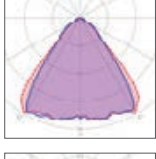
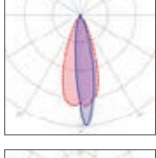
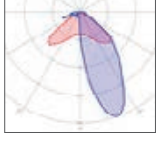
Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

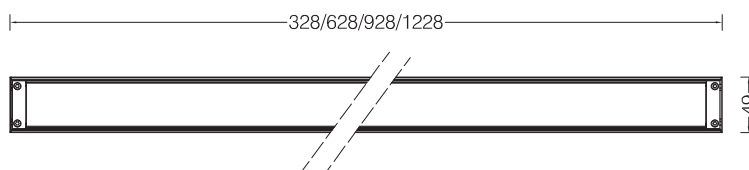
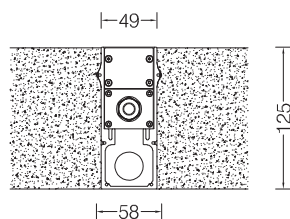
On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

DMX: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

DALI: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

		IN-Libra 300			IN-Libra 600			IN-Libra 900			IN-Libra 1200		
5°		4000 K	2 m	21,9 klux	4000 K	2 m	43,9 klux	4000 K	5 m	10,5 klux	4000 K	5 m	14,0 klux
		87,7 kcd	5 m	3,5 klux	175 kcd	5 m	7,0 klux	263 kcd	10 m	2,6 klux	351 kcd	10 m	3,5 klux
		1,31 klm	10 m	877 lux	2,61 klm	10 m	1,8 klux	3,92 klm	20 m	658 lux	5,23 klm	20 m	877 lux
		13W	20 m	219 lux	25W	20 m	439 lux	37W	50 m	105 lux	47W	50 m	140 lux
			50 m	35 lux		50 m	70 lux		100 m	26 lux		100 m	35 lux
12°		4000 K	1 m	23,2 klux	4000 K	2 m	11,6 klux	4000 K	2 m	17,4 klux	4000 K	2 m	23,2 klux
		23,2 kcd	2 m	5,8 klux	46,4 kcd	5 m	1,9 klux	69,6 kcd	5 m	2,8 klux	92 kcd	5 m	3,7 klux
		1,11 klm	5 m	929 lux	2,22 klm	10 m	464 lux	3,34 klm	10 m	696 lux	4,45 klm	10 m	929 lux
		13W	10 m	232 lux	25W	20 m	116 lux	37W	20 m	174 lux	47W	20 m	232 lux
			20 m	58 lux		50 m	19 lux		50 m	28 lux		50 m	37 lux
25°		4000 K	0.5 m	14,7 klux	4000 K	0.5 m	29,3 klux	4000 K	1 m	11,0 klux	4000 K	1 m	14,7 klux
		3,66 kcd	1 m	3,7 klux	7,33 kcd	1 m	7,3 klux	11 kcd	2 m	2,7 klux	14,6 kcd	2 m	3,7 klux
		1,13 klm	2 m	916 lux	2,25 klm	2 m	1,8 Klux	3,38 klm	5 m	440 lux	4,50 klm	5 m	586 lux
		13W	5 m	147 lux	25W	5 m	293 lux	37W	10 m	110 lux	47W	10 m	147 lux
			10 m	37 lux		10 m	73 lux		20 m	27 lux		20 m	37 lux
40°		4000 K	0.2 m	58,6 klux	4000 K	0.5 m	18,7 klux	4000 K	0.5 m	28,1 klux	4000 K	0.5 m	37,5 klux
		2,34 kcd	0.5 m	9,4 klux	4,69 kcd	1 m	4,7 klux	7,03 kcd	1 m	7,0 klux	9,37 kcd	1 m	9,4 klux
		1,06 klm	1 m	2,3 klux	2,11 klm	2 m	1,2 klux	3,17 klm	2 m	1,8 klux	4,23 klm	2 m	2,3 klux
		13W	2 m	586 lux	25W	5 m	187 lux	37W	5 m	281 lux	47W	5 m	375 lux
			5 m	94 lux		10 m	47 lux		10 m	70 lux		10 m	94 lux
34°x14°		4000 K	0.5 m	22,6 klux	4000 K	1 m	11,3 klux	4000 K	1 m	16,9 klux	4000 K	1 m	22,6 klux
		5,65 kcd	1 m	5,6 klux	11,3 kcd	2 m	2,8 klux	16,9 kcd	2 m	4,2 klux	22,6 kcd	2 m	5,6 klux
		1,10 klm	2 m	1,4 klux	2,20 klm	5 m	452 lux	3,29 klm	5 m	678 lux	4,39 klm	5 m	904 lux
		13W	5 m	226 lux	25W	10 m	113 lux	37W	10 m	169 lux	47W	10 m	226 lux
			10 m	56 lux		20 m	28 lux		20 m	42 lux		20 m	56 lux
75°x12°		4000 K	0.2 m	53,3 klux	4000 K	0.5 m	17,1 klux	4000 K	0.5 m	25,6 klux	4000 K	0.5 m	34,1 klux
		2,13 kcd	0.5 m	8,5 klux	4,26 kcd	1 m	4,3 klux	6,40 kcd	1 m	6,4 klux	8,53 kcd	1 m	8,5 klux
		1,11 klm	1 m	2,1 klux	2,22 klm	2 m	1,1 klux	3,34 klm	2 m	1,6 klux	4,45 klm	2 m	2,1 klux
		13W	2 m	533 lux	25W	5 m	171 lux	37W	5 m	256 lux	47W	5 m	341 lux
			5 m	85 lux		10 m	43 lux		10 m	64 lux		10 m	85 lux
80°		4000 K	0.2 m	19,5 klux	4000 K	0.2 m	39,0 klux	4000 K	0.2 m	58,6 klux	4000 K	0.5 m	12,5 klux
		781 cd	0.5 m	3,1 klux	1,56 kcd	0.5 m	6,2 klux	2,34 Kcd	0.5 m	9,4 klux	3,12 kcd	1 m	3,1 klux
		1,34 klm	1 m	781 lux	2,69 klm	1 m	1,6 klux	4,03 Klm	1 m	2,3 klux	5,37 klm	2 m	781 lux
		13W	2 m	195 lux	25W	2 m	390 lux	37W	2 m	586 lux	47W	5 m	125 lux
			5 m	31 lux		5 m	62 lux		5 m	94 lux		10 m	31 lux
wall washer narrow		4000 K	0.5 m	17,7 klux	4000 K	0.5 m	35,5 klux	4000 K	1 m	13,3 klux	4000 K	1 m	17,7 klux
		4,43 kcd	1 m	4,4 klux	8,87 Kcd	1 m	8,9 klux	13,3 kcd	2 m	3,3 klux	17,7 kcd	2 m	4,4 klux
		1,17 klm	2 m	1,1 klux	2,34 Klm	2 m	2,2 klux	3,50 klm	5 m	532 lux	4,67 klm	5 m	709 lux
		13W	5 m	177 lux	25W	5 m	355 lux	37W	10 m	133 lux	47W	10 m	177 lux
			10 m	44 lux		10 m	89 lux		20 m	33 lux		20 m	44 lux
asymmetrical wide		4000 K	0.2 m	29,2 klux	4000 K	0.2 m	58,4 klux	4000 K	0.5 m	14,0 klux	4000 K	0.5 m	18,7 klux
		1,17 kcd	0.5 m	4,7 klux	2,34 kcd	0.5 m	9,3 klux	3,50 kcd	1 m	3,5 klux	4,67 kcd	1 m	4,7 klux
		1,33 klm	1 m	1,2 klux	2,66 klm	1 m	2,3 klux	3,98 klm	2 m	876 lux	5,31 klm	2 m	1,2 klux
		13W	2 m	292 lux	25W	2 m	584 lux	37W	5 m	140 lux	47W	5 m	187 lux
			5 m	47 lux		5 m	93 lux		10 m	35 lux		10 m	47 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

IN-Libra - 230VAC On/off

IN-Libra 300	ILB03ABX231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra 600	ILB06ABX231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra 900	ILB09ABX231	4000 K	NW	medium beam	(25°)	MB
IN-Libra 1200	ILB12ABX231	6000 K	CW	wide beam	(40°)	WB
				horizontal narrow	(35°x14°)	ON
				horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

IN-Libra - 230VAC DALI

IN-Libra 600	ILB06ABA231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra 900	ILB09ABA231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra 1200	ILB12ABA231	4000 K	NW	medium beam	(25°)	MB
		6000 K	CW	wide beam	(40°)	WB
				horizontal narrow	(35°x14°)	ON
				horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

IN-Libra - 230VAC DMX-512A

IN-Libra 600	ILB06ABD231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra 900	ILB09ABD231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra 1200	ILB12ABD231	4000 K	NW	medium beam	(25°)	MB
		6000 K	CW	wide beam	(40°)	WB
		RGB	RT	horizontal narrow	(35°x14°)	ON
		RGBW	RW	horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

Accessories

Recessed profile

Code	Description	Finishing
F100110AOAN	recessed profile IN-Libra 300	aluminium
F100109AOAN	recessed profile IN-Libra 600	aluminium
F100108AOAN	recessed profile IN-Libra 900	aluminium
F100107AOAN	recessed profile IN-Libra 1200	aluminium

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

IN-Libra LO

IP 66 and IP 67

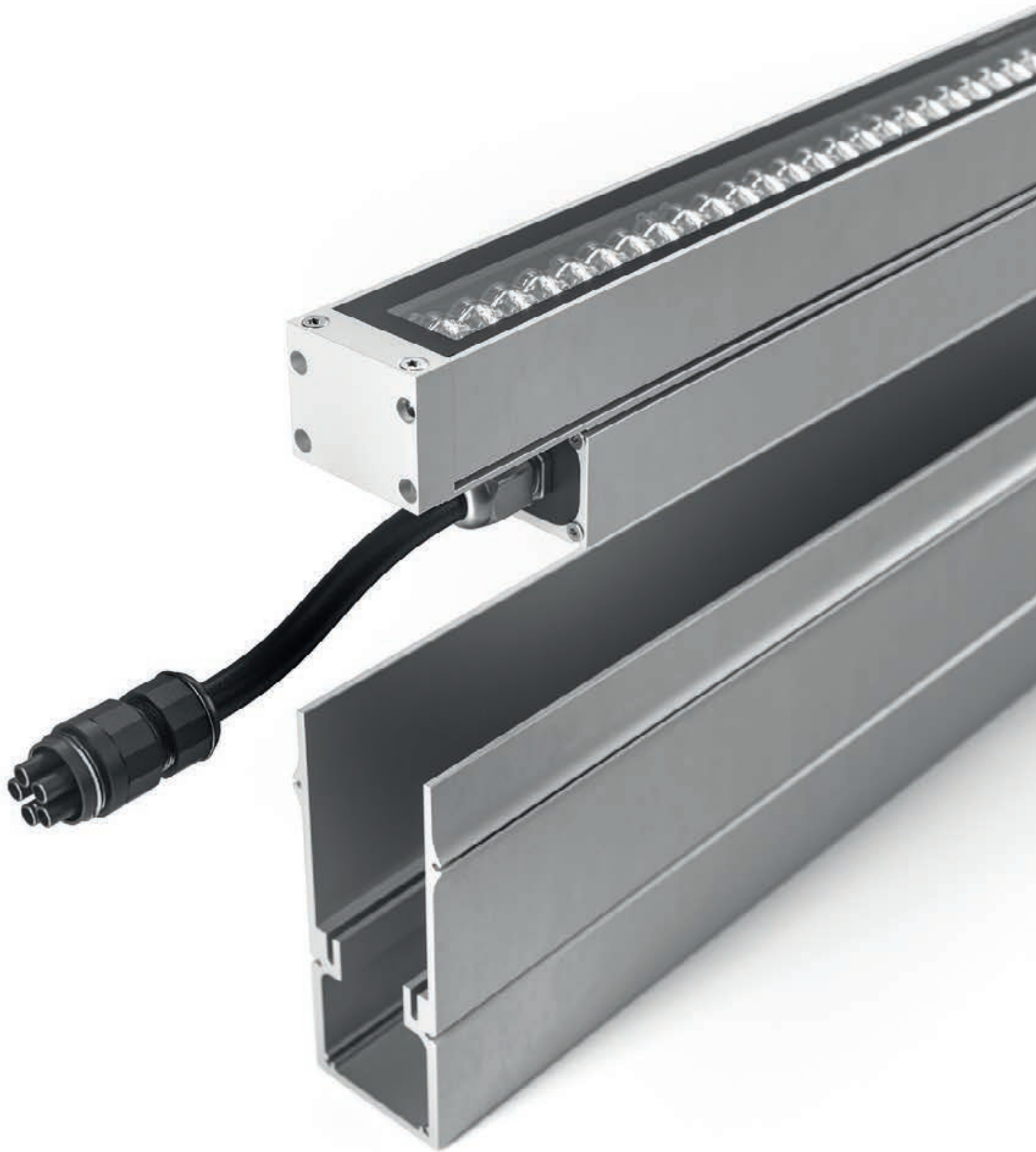
Low output, energy saving luminaire for grazing. Specification-grade modular system featuring high power LEDs. Power from 6W to 23W. Modules lengths of 600, 900 and 1200 mm. Nine high-precision beam angles for striation-free lighting even at very close distance from the wall. Excellent uniformity. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. IN-Libra LO is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office and residential buildings. Easy to position, installation-friendly. Through-wiring, power supply on board. Control through DMX-RDM or DALI.





Through-wiring, high output

This modular, in-ground system features about 20W per meter and a delivered efficiency of 140 lm/W. Maintenance 110000 hours. Ideal for grazing and wall washing. IN-Libra LO features through-wiring and a recess profile in aluminium alloy. Power supply unit on board. IK 08, walk-over.



	IN-Libra LO 300	IN-Libra LO 600	IN-Libra LO 900	IN-Libra LO 1200
Input power	6 W	13 W	20 W	23 W
Source flux	850 lm	1700 lm	2835 lm	3395lm
Source efficiency	167 lm/W	167 lm/W	167 lm/W	167 lm/W
Delivered flux	585 lm	1170 lm	1950 lm	2335 lm
Delivered efficiency	93 lm/W	93 lm/W	97lm/W	101 lm/W
Net weight	1,8 Kg	2,7 Kg	3,5 Kg	4,1 Kg

IN-Libra LO 300

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

IN-Libra LO 600/900/1200

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles

5°, 12°, 25°, 40°, 80°, 34°x14°, 75°x12°, wall washer narrow, asymmetrical wide

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

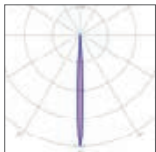
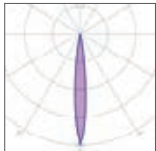
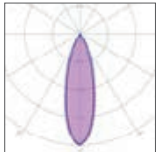
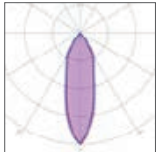
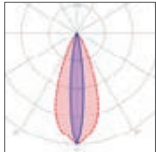
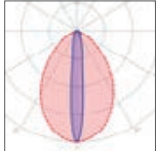
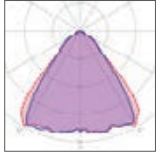
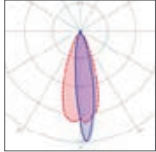
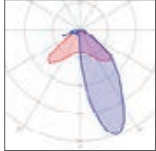
Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

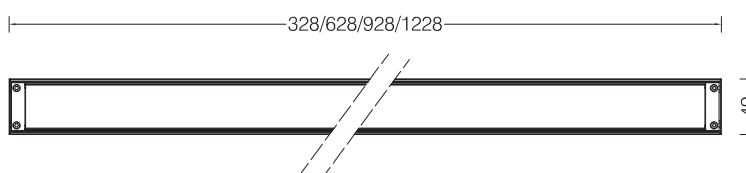
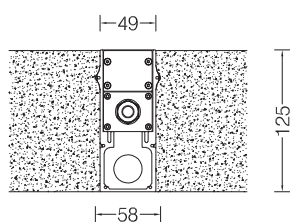
On/off: Through-wiring, power cable, length 0,08m with IP68 3-poles connectors

DMX: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

DALI: Through-wiring, power and signal cable, length 0,08m with IP68 6-poles connectors

		IN-Libra LO 300			IN-Libra LO 600			IN-Libra LO 900			IN-Libra LO 1200		
5°		4000 K	2 m	11,5 klux	4000 K	2 m	23,0 klux	4000 K	2 m	38,5 klux	4000 K	2 m	46,1 klux
		46 kcd	5 m	1,8 klux	92,1 kcd	5 m	3,7 klux	153 kcd	5 m	6,2 klux	184 kcd	5 m	7,4 klux
		686 lm	10 m	461 lux	1,37 klm	10 m	921 lux	2,29 klm	10 m	1,5 klux	2,74 klm	10 m	1,8 klux
		6W	20 m	115 lux	13W	20 m	230 lux	20W	20 m	385 lux	23W	20 m	461 lux
			50 m	18 lux		50 m	37 lux		50 m	62 lux		50 m	74 lux
12°		4000 K	1 m	12,2 Klux	4000 K	1 m	24,4 klux	4000 K	2 m	10,2 klux	4000 K	2 m	12,2 Klux
		12,2 kcd	2 m	3,0 Klux	24,3 kcd	2 m	6,1 klux	40,7 kcd	5 m	1,6 klux	48,7 kcd	5 m	2,0 Klux
		583 lm	5 m	488 lux	1,17 klm	5 m	975 lux	1,95 klm	10 m	407 lux	2,34 klm	10 m	488 lux
		6W	10 m	122 lux	13W	10 m	244 lux	20W	20 m	102 lux	23W	20 m	122 lux
			20 m	30 lux		20 m	61 lux		50 m	16 lux		50 m	20 lux
25°		4000 K	0.2 m	48,1 klux	4000 K	0.5 m	15,4 klux	4000 K	0.5 m	25,7 klux	4000 K	0.5 m	30,8 klux
		1,92 kcd	0.5 m	7,7 klux	3,85 kcd	1 m	3,8 klux	6,42 kcd	1 m	6,4 klux	7,69 kcd	1 m	7,7 klux
		591 lm	1 m	1,9 klux	1,18 klm	2 m	962 lux	1,97 klm	2 m	1,6 klux	2,36 klm	2 m	1,9 klux
		6W	2 m	481 lux	13W	5 m	154 lux	20W	5 m	257 lux	23W	5 m	308 lux
			5 m	77 lux		10 m	38 lux		10 m	64 lux		10 m	77 lux
40°		4000 K	0.2 m	30,8 klux	4000 K	0.2 m	61,5 klux	4000 K	0.5 m	16,4 klux	4000 K	0.5 m	19,7 klux
		1,23 kcd	0.5 m	4,9 klux	2,46 kcd	0.5 m	9,8 klux	4,11 kcd	1 m	4,1 klux	4,92 kcd	1 m	4,9 klux
		554,6 lm	1 m	1,2 klux	1,11 klm	1 m	2,5 klux	1,85 klm	2 m	1,0 klux	2,22 klm	2 m	1,2 klux
		6W	2 m	308 lux	13W	2 m	615 lux	20W	5 m	164 lux	23W	5 m	197 lux
			5 m	49 lux		5 m	98 lux		10 m	41 lux		10 m	49 lux
34°x14°		4000 K	0.5 m	11,9 klux	4000 K	0.5 m	23,7 klux	4000 K	0.5 m	39,6 klux	4000 K	1 m	11,9 klux
		2,97 kcd	1 m	3,0 klux	5,93 kcd	1 m	5,9 klux	9,91 kcd	1 m	9,9 klux	11,8 kcd	2 m	3,0 klux
		576,5 lm	2 m	742 lux	1,15 klm	2 m	1,5 klux	1,93 klm	2 m	2,5 klux	2,31 klm	5 m	475 lux
		6W	5 m	119 lux	13W	5 m	237 lux	20W	5 m	396 lux	23W	10 m	119 lux
			10 m	30 lux		10 m	59 lux		10 m	99 lux		20 m	30 lux
75°x12°		4000 K	0.2 m	28,0 klux	4000 K	0.2 m	56,0 klux	4000 K	0.5 m	15,0 klux	4000 K	0.5 m	17,9 klux
		1,12 kcd	0.5 m	4,5 klux	2,24 kcd	0.5 m	9,0 klux	3,74 kcd	1 m	3,7 klux	4,48 kcd	1 m	4,5 klux
		583,8 lm	1 m	1,1 klux	1,17 klm	1 m	2,2 klux	1,95 klm	2 m	935 lux	2,34 klm	2 m	1,1 klux
		6W	2 m	280 lux	13W	2 m	560 lux	20W	5 m	150 lux	23W	5 m	179 lux
			5 m	45 lux		5 m	90 lux		10 m	37 lux		10 m	45 lux
80°		4000 K	0.2 m	10,1 klux	4000 K	0.2 m	20,2 klux	4000 K	0.2 m	33,7 klux	4000 K	0.2 m	40,4 klux
		404 cd	0.5 m	1,6 klux	808,1 cd	0.5 m	3,2 klux	1,35 kcd	0.5 m	5,4 klux	1,62 kcd	0.5 m	6,5 klux
		694,8 lm	1 m	404 lux	1,39 klm	1 m	808 lux	2,32 klm	1 m	1,3 klux	2,78 klm	1 m	1,6 klux
		6W	2 m	101 lux	13W	2 m	202 lux	20W	2 m	337 lux	23W	2 m	404 lux
			5 m	16 lux		5 m	32 lux		5 m	54 lux		5 m	65 lux
wall washer narrow		4000 K	0.2 m	58,2 klux	4000 K	0.5 m	18,6 klux	4000 K	0.5 m	31,1 klux	4000 K	0.5 m	37,3 klux
		2,33 kcd	0.5 m	9,3 klux	4,66 kcd	1 m	4,7 klux	7,78 kcd	1 m	7,8 klux	9,31 kcd	1 m	9,3 klux
		613 lm	1 m	2,3 klux	1,23 klm	2 m	1,2 klux	2,05 klm	2 m	1,9 klux	2,45 klm	2 m	2,3 klux
		6W	2 m	582 lux	13W	5 m	186 lux	20W	5 m	311 lux	23W	5 m	373 lux
			5 m	93 lux		10 m	47 lux		10 m	78 lux		10 m	93 lux
asymmetrical wide		4000 K	0.2 m	15,1 klux	4000 K	0.2 m	30,2 klux	4000 K	0.2 m	50,5 klux	4000 K	0.2 m	60,4 klux
		604,2 cd	0.5 m	2,4 klux	1,21 kcd	0.5 m	4,8 klux	2,02 kcd	0.5 m	8,1 klux	2,42 kcd	0.5 m	9,7 klux
		687,2 lm	1 m	604 lux	1,37 klm	1 m	1,2 klux	2,30 klm	1 m	2,0 klux	2,75 klm	1 m	2,4 klux
		6W	2 m	151 lux	13W	2 m	302 lux	20W	2 m	505 lux	23W	2 m	604 lux
			5 m	24 lux		5 m	48 lux		5 m	81 lux		5 m	97 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

IN-Libra LO - 230VAC On/off

IN-Libra LO 300	ILL03ABX231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra LO 600	ILL06ABX231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra LO 900	ILL09ABX231	4000 K	NW	medium beam	(25°)	MB
IN-Libra LO 1200	ILL12ABX231	6000 K	CW	wide beam	(40°)	WB
				horizontal narrow	(35°x14°)	ON
				horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

IN-Libra LO - 230VAC DALI

IN-Libra LO 600	ILL06ABA231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra LO 900	ILL09ABA231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra LO 1200	ILL12ABA231	4000 K	NW	medium beam	(25°)	MB
		6000 K	CW	wide beam	(40°)	WB
				horizontal narrow	(35°x14°)	ON
				horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

IN-Libra LO - 230VAC DMX 512A

IN-Libra LO 600	ILL06ABD231	2200 K	SW	ultra narrow beam	(5°)	UN
IN-Libra LO 900	ILL09ABD231	3000 K	WW	narrow beam	(12°)	NB
IN-Libra LO 1200	ILL12ABD231	4000 K	NW	medium beam	(25°)	MB
		6000 K	CW	wide beam	(40°)	WB
		RGB	RT	horizontal narrow	(35°x14°)	ON
		RGBW	RW	horizontal wide	(75°x12°)	OW
				flood	(80°)	FL
				wall washer narrow		A2
				asymmetrical wide		AS

Accessories

Recessed profile

Code	Description	Finishing
F100110AOAN	recessed profile IN-Libra LO 300	aluminium
F100109AOAN	recessed profile IN-Libra LO 600	aluminium
F100108AOAN	recessed profile IN-Libra LO 900	aluminium
F100107AOAN	recessed profile IN-Libra LO 1200	aluminium

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

IN-Lynea

Sama mall
Kuwait City, Kuwait





IN-Lynea

IP 66 and IP 67

Grazing and wall washing. Specification-grade, in-ground modular system featuring high power LEDs. Power from 17W to 66W. Modules lengths of 300, 600, 900 and 1200 mm. Nine high-precision beam angles including elliptical and wall washing distributions for striation-free lighting even at very close distance from the wall. Excellent uniformity. Four colour temperatures from 2200K to 6000K plus RGB and RGBW. wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details. IN-Lynea is the perfect fixture for private and public urban structures such as historical buildings and landmarks, office and residential buildings. Easy to position, installation-friendly. Power supply unit on board. Control through DMX-RDM or DALI.



Power supply on board.

Power from 17 to 58 W.

Luminous flux from 1940 to 7290 lm.

Excellent uniformity, wide choice of outputs, colour temperatures, colour-mixings, optics and control systems to enhance volumes and details.





High output

Powerful system with more than 50W per meter and 135 lm/W delivered efficiency. Power supply unit on board. Available in modules of 300, 600, 900, 1200 mm, black anodized recess profile in aluminium alloy. Tempered protection glass, 8 mm thick. IK 10, walk-over.

	IN-Lynea 300	IN-Lynea 600	IN-Lynea 900	IN-Lynea 1200
Input power	17 W	34 W	50 W	66 W
Source flux	1940 lm	3980 lm	5945 lm	7290 lm
Source efficiency	142 lm/W	137 lm/W	140 lm/W	140 lm/W
Delivered flux	1455 lm	2985 lm	4460 lm	5945 lm
Delivered efficiency	86 lm/W	88 lm/W	89 lm/W	90 lm/W
Net weight	1,8 Kg	2,6 Kg	3,3 Kg	4 Kg

IN-Lynea 300

IP rating

66 and 67

IK rating - static load

10 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, wall washer wide, wall washer narrow, asymmetrical wide, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C;

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

On/off: Power cable length 0,8m

IN-Lynea 600/900/1200

IP rating

66 and 67

IK rating - static load

10 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB, RGBW

Beam angles mono - RGB Beam angles RGBW

10°, 30°, 50°, 12°x35°, 35°x12°, 10°, 30°, 50°, 12°x35°, 35°x12°, wall washer wide, wall washer washer narrow, 80°
narrow, asymmetrical wide, 80°

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

Extruded aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

On/off: Power cable length 0,8m

DMX: Power cable length 0,8m

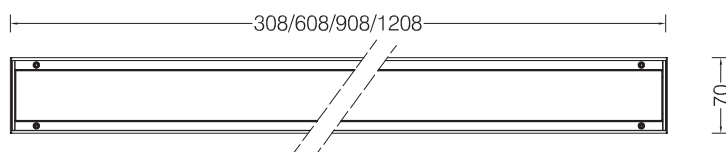
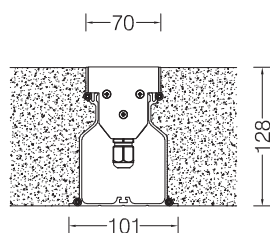
Signal cable length 0,8m shielded

DALI: Power cable length 0,8m

Signal cable length 0,8m

		IN-Lynea 300			IN-Lynea 600			IN-Lynea 900			IN-Lynea 1200		
10°		4000 K	1 m	26,2 klux	4000 K	2 m	13,4 klux	4000 K	2 m	20,1 klux	4000 K	2 m	26,8 klux
		26,1 kcd	2 m	6,5 klux	53,8 kcd	5 m	2,2 klux	80,3 kcd	5 m	3,2 klux	107 kcd	5 m	4,3 klux
		1,45 klm	5 m	1,0 klux	2,98 klm	10 m	538 lux	4,46 klm	10 m	803 lux	5,94 Klm	10 m	1,1 Klux
		17W	10 m	262 lux	34W	20 m	134 lux	50W	20 m	201 lux	66W	20 m	268 lux
			20 m	65 lux		50 m	22 lux		50 m	32 lux		50 m	43 lux
30°		4000 K	0,5 m	19,5 Klux	4000 K	0,5 m	40 klux	4000 K	1 m	14,9 klux	4000 K	1 m	19,9 klux
		4,86 kcd	1 m	4,9 Klux	9,99 kcd	1 m	10 klux	14,9 kcd	2 m	3,7 klux	19,9 kcd	2 m	5 klux
		1,40 klm	2 m	1,2 Klux	2,88 klm	2 m	2,5 klux	4,31 klm	5 m	597 lux	5,74 klm	5 m	796 lux
		17W	5 m	195 lux	34W	5 m	400 lux	50W	10 m	149 lux	66W	10 m	199 lux
			10 m	49 lux		10 m	100 lux		20 m	37 lux		20 m	50 lux
50°		4000 K	0,2 m	58,2 klux	4000 K	0,5 m	19,1 klux	4000 K	0,5 m	28,6 klux	4000 K	0,5 m	38,1 klux
		2,33 kcd	0,5 m	9,3 klux	4,78 kcd	1 m	4,8 klux	7,14 kcd	1 m	7,1 klux	9,53 Kcd	1 m	9,5 klux
		1,45 klm	1 m	2,3 klux	2,98 klm	2 m	1,2 klux	4,46 klm	2 m	1,8 klux	5,94 Klm	2 m	2,4 klux
		17W	2 m	582 lux	34W	5 m	191 lux	50W	5 m	286 lux	66W	5 m	381 lux
			5 m	93 lux		10 m	48 lux		10 m	71 lux		10 m	95 lux
35°x12°		4000 K	0,5 m	32,9 klux	4000 K	1 m	16,9 Klux	4000 K	1 m	25,2 klux	4000 K	1 m	33,6 klux
		8,22 kcd	1 m	8,2 klux	16,9 kcd	2 m	4,2 Klux	25,2 kcd	2 m	6,3 klux	33,6 kcd	2 m	8,4 klux
		1,40 klm	2 m	2,1 klux	2,88 klm	5 m	676 lux	4,31 klm	5 m	1 Klux	5,74 klm	5 m	1,3 klux
		17W	5 m	329 lux	34W	10 m	169 lux	50W	10 m	252 lux	66W	10 m	336 lux
			10 m	82 lux		20 m	42 lux		20 m	63 lux		20 m	84 lux
12°x35°		4000 K	0,5 m	32,9 klux	4000 K	1 m	16,9 Klux	4000 K	1 m	25,2 klux	4000 K	1 m	33,6 klux
		8,22 kcd	1 m	8,2 klux	16,9 kcd	2 m	4,2 Klux	25,2 kcd	2 m	6,3 klux	33,6 kcd	2 m	8,4 klux
		1,40 klm	2 m	2,1 klux	2,88 klm	5 m	676 lux	4,31 klm	5 m	1 Klux	5,74 klm	5 m	1,3 klux
		17W	5 m	329 lux	34W	10 m	169 lux	50W	10 m	252 lux	66W	10 m	336 lux
			10 m	82 lux		20 m	42 lux		20 m	63 lux		20 m	84 lux
80°		4000 K	0,2 m	26,4 klux	4000 K	0,2 m	54,3 klux	4000 K	0,5 m	13 klux	4000 K	0,5 m	17,3 klux
		1,06 kcd	0,5 m	4,2 klux	2,17 kcd	0,5 m	8,7 klux	3,24 kcd	1 m	3,2 klux	4,33 kcd	1 m	4,3 klux
		1,44 klm	1 m	1,1 klux	2,95 klm	1 m	2,2 klux	4,41 klm	2 m	811 lux	5,88 klm	2 m	1,1 klux
		17W	2 m	264 lux	34W	2 m	543 lux	50W	5 m	130 lux	66W	5 m	173 lux
			5 m	42 lux		5 m	87 lux		10 m	32 lux		10 m	43 lux
narrow wall washer		4000 K	0,5 m	19,3 klux	4000 K	0,5 m	39,7 klux	4000 K	1 m	14,8 klux	4000 K	1 m	19,8 klux
		4,83 kcd	1 m	4,8 klux	9,93 kcd	1 m	9,9 klux	14,8 kcd	2 m	3,7 klux	19,8 kcd	2 m	4,9 klux
		1,40 klm	2 m	1,2 klux	2,88 klm	2 m	2,5 klux	4,31 klm	5 m	593 lux	5,74 klm	5 m	791 lux
		17W	5 m	193 lux	34W	5 m	397 lux	50W	10 m	148 lux	66W	10 m	198 lux
			10 m	48 lux		10 m	99 lux		20 m	37 lux		20 m	49 lux
wide wall washer		4000 K	0,2 m	52,9 klux	4000 K	0,5 m	17,4 klux	4000 K	0,5 m	26 klux	4000 K	0,5 m	34,7 klux
		2,12 kcd	0,5 m	8,5 klux	4,35 kcd	1 m	4,3 klux	6,5 kcd	1 m	6,5 klux	8,66 kcd	1 m	8,7 Klux
		1,53 klm	1 m	2,1 klux	3,15 klm	2 m	1,1 klux	4,71 klm	2 m	1,6 klux	6,28 klm	2 m	2,2 klux
		17W	2 m	529 lux	34W	5 m	174 lux	50W	5 m	260 lux	66W	5 m	347 lux
			5 m	85 lux		10 m	43 lux		10 m	65 lux		10 m	87 lux
wide asymmetrical		4000 K	0,2 m	17,0 klux	4000 K	0,2 m	34,9 klux	4000 K	0,2 m	52,2 klux	4000 K	0,5 m	11,1 klux
		680,6 cd	0,5 m	2,7 klux	1,40 kcd	0,5 m	5,6 klux	2,09 kcd	0,5 m	8,4 klux	2,78 kcd	1 m	2,8 klux
		1,50 klm	1 m	681 lux	3,09 klm	1 m	1,4 klux	4,61 klm	1 m	2,1 klux	6,14 klm	2 m	696 lux
		17W	2 m	170 lux	34W	2 m	349 lux	50W	2 m	522 lux	66W	5 m	111 lux
			5 m	27 lux		5 m	56 lux		5 m	84 lux		10 m	28 lux

Dimensions (mm.)



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

IN-Lynea - 230VAC On/off

IN-Lynea 300	INA03ABX231	2200 K	SW	narrow beam	(10°)	NB
IN-Lynea 600	INA06ABX231	3000 K	WW	medium beam	(30°)	MB
IN-Lynea 900	INA09ABX231	4000 K	NW	wide beam	(50°)	WB
IN-Lynea1200	INA12ABX231	6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				wall washer wide		A1
				wall washer narrow		A2
				asymmetrical wide		A3
				flood	(80°)	FL

IN-Lynea - 230VAC DALI

IN-Lynea 600	INA06ABA231	2200 K	SW	narrow beam	(10°)	NB
IN-Lynea 900	INA09ABA231	3000 K	WW	medium beam	(30°)	MB
IN-Lynea1200	INA12ABA231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				wall washer wide		A1
				wall washer narrow		A2
				asymmetrical wide		A3
				flood	(80°)	FL

IN-Lynea - 230VAC DMX-512A

IN-Lynea 600	INA06ABD231	2200 K	SW	narrow beam	(10°)	NB
IN-Lynea 900	INA09ABD231	3000 K	WW	medium beam	(30°)	MB
IN-Lynea1200	INA12ABD231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
		RGB	RT	vertical narrow	(12°x35°)	VN
				wall washer wide		A1
				wall washer narrow		A2
				asymmetrical wide		A3
				flood	(80°)	FL

IN-Lynea - 230VAC DMX-512A

IN-Lynea 600	INA06ABD231	RGBW	RW	narrow beam	(10°)	NB
IN-Lynea 900	INA09ABD231			medium beam	(30°)	MB
IN-Lynea1200	INA12ABD231			wide beam	(50°)	WB
				horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				wall washer narrow		A2
				flood	(80°)	FL

Accessories

Recessed profile

Code	Description	Finishing
F100033AOAN	recessed profile IN-Lynea 300	aluminium
F100018AOAN	recessed profile IN-Lynea 600	aluminium
F100017AOAN	recessed profile IN-Lynea 900	aluminium
F100016AOAN	recessed profile IN-Lynea 1200	aluminium

Glowline





Glowline/Glowline HO

IP 66 and IP 67

Low output (high output Glowline HO) direct view, accent and contour light. Specification-grade modular system featuring mid power LEDs. Power from 7,5W to 28W (Glowline HO 13W to 49,5W). Modules lengths of 300, 600, 900 and 1200 mm. Very wide beam angle for diffused light. Three colour temperatures from 3000K to 6000K. Easy to position, installation-friendly. Power supply unit on board. Control through DALI.





	Glowline 300	Glowline 600	Glowline 900	Glowline 1200
Input power	7,5 W	15 W	21,5 W	28 W
Source flux	865 lm	1730 lm	2600 lm	3465 lm
Source efficiency	140 lm/W	140 lm/W	140 lm/W	140 lm/W
Delivered flux	725 lm	1450 lm	2175 lm	2900 lm
Delivered efficiency	94 lm/W	95 lm/W	101 lm/W	103 lm/W
Weight	1 Kg	1,70 Kg	2,10 Kg	2,50 Kg

Glowline 300

IP rating

66 and 67

IK rating

08

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 6000K

Beam angles

120°clear resin, 120°opal diffused

Light control

On/off, DALI-compatible

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve, extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve

Connection

On/off: Through-wiring, power supply cable, length 0,30m with IP68 3-poles connectors

DALI: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors

Glowline 600/900/1200

IP rating

66 and 67

IK rating

08

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 6000K, RGBW

Beam angles

120°clear resin, 120°opal diffused

Light control

On/off, DMX-512A and RDM-compatible, DALI-compatible

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve, extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve

Connection

On/off: Through-wiring, power supply cable, length 0,30m with IP68 3-poles connectors

DMX: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors

DALI: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors

	Glowline HO 300	Glowline HO 600	Glowline HO 900	Glowline HO 1200
Input power	13 W	25,5 W	37 W	50 W
Source flux	1560 lm	3120 lm	4680 lm	6240 lm
Source efficiency	140 lm/W	140 lm/W	140 lm/W	140 lm/W
Delivered flux	1305 lm	2610 lm	3915 lm	5225 lm
Delivered efficiency	99,5 lm/W	99,5 lm/W	99,5 lm/W	103 lm/W
Weight	1 Kg	1,7 Kg	2,1 Kg	2,5 Kg

Glowline HO 300

IP rating

66 and 67

IK rating

08

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 6000K

Beam angles

120°clear resin, 120°opal diffused

Light control

On/off, DALI-compatible

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve, extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve

Connection

On/off: Through-wiring, power supply cable, length 0,30m with IP68 3-poles connectors

DALI: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors

Glowline HO 600/900/1200

IP rating

66 and 67

IK rating

08

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 6000K, RGBW

Beam angles

120°clear resin, 120°opal diffused

Light control

On/off, DMX-512A and RDM-compatible, DALI-compatible

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve, extruded aluminium alloy, nickel-plated brass gland connector, clear Polyurethane resin, pressure compensation valve

Connection

On/off: Through-wiring, power supply cable, length 0,30m with IP68 3-poles connectors

DMX: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors

DALI: Through-wiring, power supply and signal cable, length 0,30m with IP68 6-poles connectors



Glowline
with polycarbonate diffuser for flood light

Glowline
with resined LEDs, 120° beam angle

Photometrics

		Glowline 300			Glowline 600			Glowline 900			Glowline 1200		
clean resin		4000 K	0.2 m	6,5 klux	4000 K	0.2 m	13,0 klux	4000 K	0.2 m	19,4 klux	4000 K	0.2 m	25,9 klux
		259,3 cd	0.5 m	1,0 klux	518,6 cd	0.5 m	2,1 klux	778 cd	0.5 m	3,1 klux	1,04 kcd	0.5 m	4,1 klux
opal diffused		725,3 lm	1 m	259 lux	1,45 klm	1 m	519 lux	2,18 klm	1 m	778 lux	2,90 klm	1 m	1,0 klux
		7,5W	2 m	65 lux	15W	2 m	130 lux	21,5W	2 m	194 lux	28W	2 m	259 lux
			5 m	10 lux		5 m	21 lux		5 m	31 lux		5 m	41 lux
opal diffused		4000 K	0.2 m	10,1 klux	4000 K	0.2 m	20,2 klux	4000 K	0.2 m	30,3 klux	4000 K	0.2 m	40,3 klux
		403,3 cd	0.5 m	1,6 klux	806,7 cd	0.5 m	3,2 klux	1,21 kcd	0.5 m	4,8 klux	1,61 kcd	0.5 m	6,5 klux
opal diffused		1,13 klm	1 m	403 lux	2,26 klm	1 m	807 lux	3,38 klm	1 m	1,2 klux	4,51 klm	1 m	1,6 klux
		7,5W	2 m	101 lux	15W	2 m	202 lux	21,5W	2 m	303 lux	28W	2 m	403 lux
			5 m	16 lux		5 m	32 lux		5 m	48 lux		5 m	65 lux
		Glowline HO 300			Glowline HO 600			Glowline HO 900			Glowline HO 1200		
clear resin		4000 K	0.2 m	11,7 klux	4000 K	0.2 m	23,3 klux	4000 K	0.2 m	35,0 klux	4000 K	0.2 m	46,7 klux
		466,7 cd	0.5 m	1,9 klux	933,5 cd	0.5 m	3,7 klux	1,40 kcd	0.5 m	5,6 klux	1,87 kcd	0.5 m	7,5 klux
opal diffused		1,31 klm	1 m	467 lux	2,61 klm	1 m	934 lux	3,92 klm	1 m	1,4 klux	5,22 klm	1 m	1,9 klux
		13W	2 m	117 lux	25,5W	2 m	233 lux	37W	2 m	350 lux	50W	2 m	467 lux
			5 m	19 lux		5 m	37 lux		5 m	56 lux		5 m	75 lux
opal diffused		4000 K	0.2 m	9,1 klux	4000 K	0.2 m	18,2 klux	4000 K	0.2 m	27,2 klux	4000 K	0.2 m	36,3 klux
		363 cd	0.5 m	1,5 klux	726,1 cd	0.5 m	2,9 klux	1,09 kcd	0.5 m	4,4 klux	1,45 kcd	0.5 m	5,8 klux
opal diffused		1,02 klm	1 m	363 lux	2,03 klm	1 m	726 lux	3,05 klm	1 m	1,1 klux	4,06 klm	1 m	1,5 klux
		13W	2 m	91 lux	25,5W	2 m	182 lux	37W	2 m	272 lux	50W	2 m	363 lux
			5 m	15 lux		5 m	29 lux		5 m	44 lux		5 m	58 lux

Dynamic Light

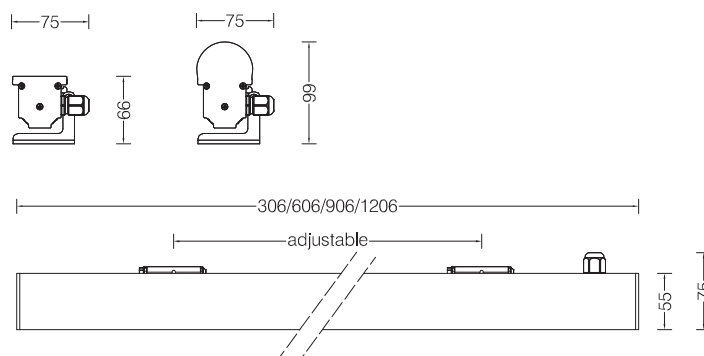
DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Dimensions (mm.)



Codes

Glowline - 230VAC On/off

Glowline 300	GLL03ANX231	3000 K	WW	clear resin	BL
Glowline 600	GLL06ANX231	4000 K	NW	opal diffused	OD
Glowline 900	GLL09ANX231	6000 K	CW		
Glowline 1200	GLL12ANX231				

Glowline - 230VAC DALI

Glowline 300	GLL03ANA231	3000 K	WW	clear resin	BL
Glowline 600	GLL06ANA231	4000 K	NW	opal diffused	OD
Glowline 900	GLL09ANA231	6000 K	CW		
Glowline 1200	GLL12ANA231				

Glowline - 230VAC DMX 512A

Glowline 600	GLL06AND231	RGBW	RW	clear resin	BL
Glowline 900	GLL09AND231			opal diffused	OD
Glowline 1200	GLL12AND231				

Glowline HO - 230VAC On/off

Glowline HO 300	GLH03ANX231	3000 K	WW	clear resin	BL
Glowline HO 600	GLH06ANX231	4000 K	NW	opal diffused	OD
Glowline HO 900	GLH09ANX231	6000 K	CW		
Glowline HO 1200	GLH12ANX231				

Glowline HO - 230VAC DALI

Glowline HO 300	GLH03ANA231	3000 K	WW	clear resin	BL
Glowline HO 600	GLH06ANA231	4000 K	NW	opal diffused	OD
Glowline HO 900	GLH09ANA231	6000 K	CW		
Glowline HO 1200	GLH12ANA231				

Glowline - 230VAC DMX 512A

Glowline HO 600	GLH06AND231	RGBW	RW	clear resin	BL
Glowline HO 900	GLH09AND231			opal diffused	OD
Glowline HO 1200	GLH12AND231				

Accessories

Cables

Code	Description	Length
F400057NANT	mono leader cable	2m
F400064NANT	mono jumper cable	1m
F400044NANT	DMX leader cable	2m
F400066NANT	DMX jumper cable	1m
F400060NANT	DALI leader cable	2m
F400068NANT	DALI jumper cable	1m

Myto

IP 66 and IP 67

Direct view, accent and contour light. Specification-grade, multi-function modular system featuring mid power LEDs controllable each 10 cm. Power from 8W to 24W. Modules lengths of 500, 1000 and 1500 mm. Diffused light. Three colour temperatures from 3000 K to 6000 K plus RGB and RGBW. Perfect for outdoor media facade illumination. Easy to position, installation friendly. Through-wiring. Remote power supply unit. Control through DMX.

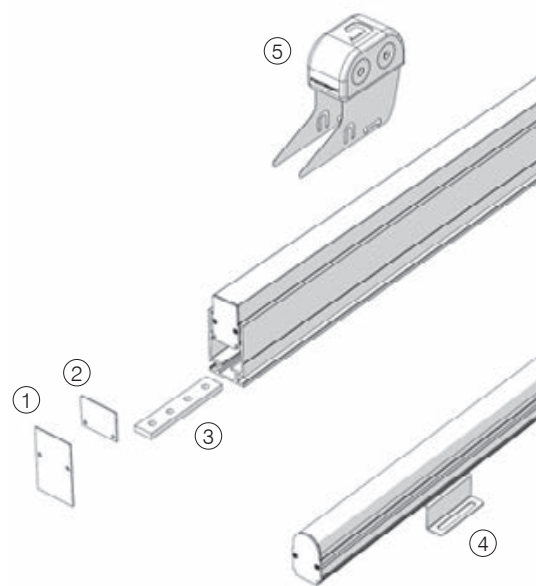




Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.



1. Blind terminal cod. C100265AOAN - 2. Line start closing terminal cod. C100508AOAN - 3. Alignment plate for surface fixing profile cod. C100294ISNT - 4. Mounting bracket cod. C100410ISSA - 5. Removal tool for surface fixing profile cod. F100035NANT

Accessories

Miscellaneous

Code	Description	Finishing
C100265AOAN	blind terminal	aluminium
C100508AOAN	line start closing terminal	aluminium
C100294ISNT	alignment plate	aluminium
C100410ISSA	mounting bracket	Steel
F100035NANT	Removal tool fixing profile	Steel

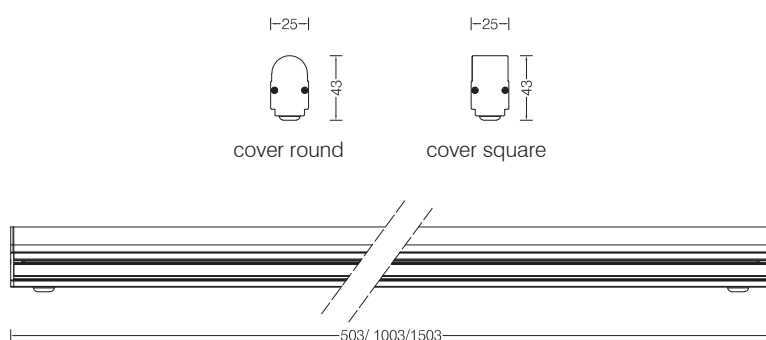
Surface fixing profile

Code	Description	Finishing
C600282AOAN	profile for Myto 500	aluminium
C600283AOAN	profile for Myto 1000	aluminium
C600289AOAN	profile for Myto 1500	aluminium

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m
F400132NANT	DMX leader cable	2m
F400136NANT	DMX jumper cable	1m

Dimensions (mm.)



Codes

Myto cover round - 48 Vdc On/off

Myto 500T	MYT05ANR048	2800 K	WW	opal diffused	OD
Myto 1000T	MYT10ANR048	3800 K	NW		
Myto 1500T	MYT15ANR048	5000 K	CW		

Myto cover round - 24 Vdc - DMX 512A

Myto 500T	MYT05ANR024	RGB	RT	opal diffused	OD
Myto 1000T	MYT10ANR024	RGBW	RW		
Myto 1500T	MYT15ANR024				

Myto cover square - 48 Vdc On/off

Myto 500Q	MYQ05ANR048	2800 K	WW	opal diffused	OD
Myto 1000Q	MYQ10ANR048	3800 K	NW		
Myto 1500Q	MYQ15ANR048	5000 K	CW		

Myto cover square - 24 Vdc - DMX 512A

Myto 500Q	MYQ05ANR024	RGB	RT	opal diffused	OD
Myto 1000Q	MYQ10ANR024	RGBW	RW		
Myto 1500Q	MYQ15ANR024				

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67
D300736NANT	On/off	220-240V AC	36W	24V	120x38x24,5	67
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20

Pong

Railway station
Reggio Calabria, Italy





Pong

IP 66

Direct view, accent and contour light. Specification-grade, multi-function modular system featuring mid power LEDs. Voltage 48Vdc, power 16W/m. Modules lengths cut to measure from 200 mm up to 1500 mm. Diffused light. Three colour temperatures 2800K, 3800K and 5000K. Modules of any length on demand for millimetric installations. Easy to position, installation-friendly. Through-wiring. Remote power supply unit.

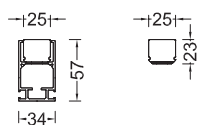




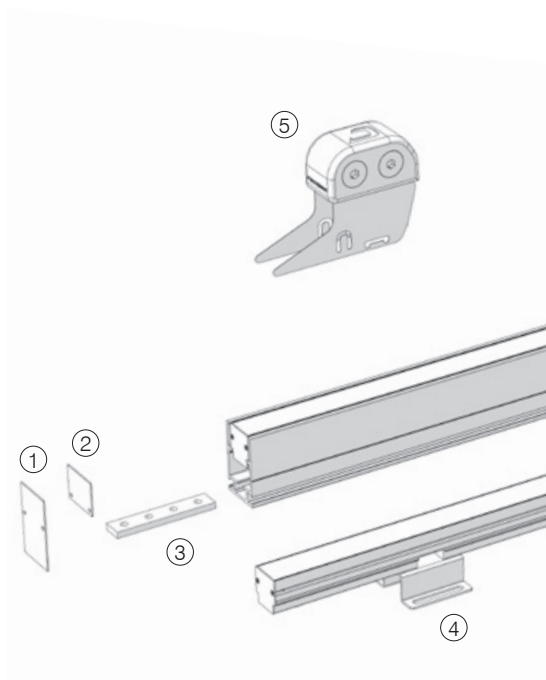
Any length
on demand
for
precise
installations

	Pong per meter
Input power	16 W
Source flux	2025 lm
Source efficiency	127 lm/W
Delivered flux	1250 lm
Delivered efficiency	78 lm/W
Net weight	1,1 Kg
IP rating	66
Source type	Mid power LED
CRI	>80
MacAdam step	3
Source life time	> 110.000h L70 B10 at 25°C ambient temperature
Power supply	Remote power supply unit, constant voltage, insulation class III
Light colour/CCT	2800K, 3800K, 5000K
Beam angles	120°opal diffused
Light control	On/off, optional dimming (via accessories)
Temperature limits	Working temperature: from -30°C to +55°C Storage temperature: from -50°C to +80°C
Mounting	Surface
Construction	Extruded aluminium alloy, opal Polyurethane resin
Connection	Through-wiring, power supply individual conductors, length 0,1m with IP67 2-poles connectors

Dimensions (mm.)



Modules lengths cut to measure from 200 mm up to 1500 mm with a pitch of 30 mm



1. Blind terminal cod. C100265AOAN - 2. Line start closing terminal cod. C100508AOAN - 3. Alignment plate for surface fixing profile cod. C100294ISNT - 4. Mounting bracket cod. C100410ISSA - 5. Removal tool for surface fixing profile cod. F100035NANT

Accessories

Miscellaneous

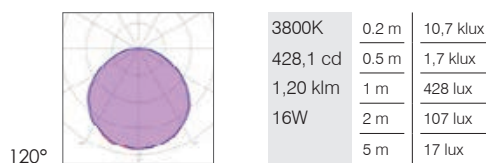
Code	Description	Finishing
C100265AOAN	blind terminal	aluminium
C100508AOAN	line start closing terminal	aluminium
C100294ISNT	alignment plate	aluminium
C100410ISSA	mounting bracket	Steel
F100035NANT	Removal tool fixing profile	Steel

Surface fixing profile

Code	Description	Finishing
C600282AOAN	profile for Pong 500	alluminium
C600283AOAN	profile for Pong 1000	alluminium
C600289AOAN	profile for Pong 1500	alluminium

Photometrics

Pong 1000



Codes

Pong - 48 Vdc On/off

Pong 500	POG05ANR048	2800 K	WW	opal diffused	(120°)	OD
Pong 1000	POG10ANR048	3800 K	NW			
Pong 1500	POG15ANR048	5000 K	CW			

Please contact us to obtain codes of other lengths.

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions(mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m

Riga

Mudec Museum
Milan, Italy



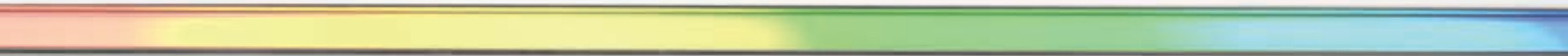


Riga

IP 40

Direct view, accent and contour light. Specification-grade, multi-function modular system featuring mid power LEDs. Power from 9W to 27W. Modules lengths of 500, 1000 and 1500 mm. Diffused light, RGB. Wide choice of outputs, colour temperatures, colour-mixings. Perfect for indoor accent illumination of open spaces in commercial and hospitality areas. Easy to position, installation-friendly. Through-wiring. Remote power supply unit. Control through DHSLC.



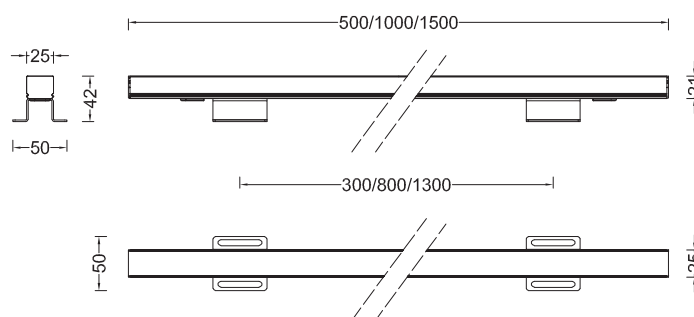


Dynamic Light

DHSLC

It is Diamante Lighting's proprietary protocol used for dynamic architectural lighting in large set-ups for precise control of fixtures or fixtures parts. High speed data transfer, self addressing, allowing to drive 40 m of Riga, Rigo, Filo, Segno or Intensa fixtures, with 25 cm control pitch at 50 packets per second. On large set ups a standard controller with ArtNet output can be used, allowing a wide choice among professional large scale control systems.

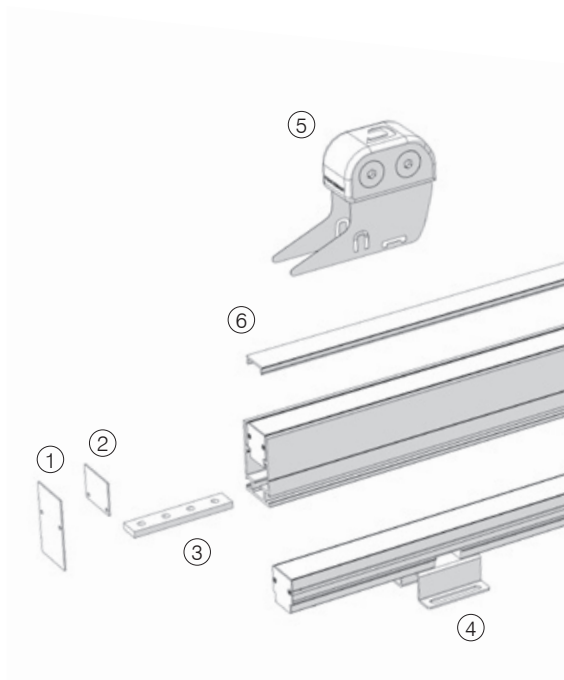
Dimensions (mm.)



Codes

Riga - 24 to 48 Vdc RGB - DHSLC

Riga 500	RGA05ANH048	RGB	RT	opal diffused	120°	OD
Riga 1000	RGA10ANH048					
Riga 1500	RGA15ANH048					



1. Blind terminal cod. C100265AOAN - 2. Line start closing terminal cod. C100508AOAN - 3. Alignment plate for surface fixing profile cod. C100294ISNT - 4. Mounting bracket cod. C100410ISSA - 5. Removal tool for surface fixing profile cod. F100035NANT - 6. Opal diffuser for surface fixing profile cod. A100267PCNT

Accessories

Miscellaneous

Code	Description	Finishing
C100265AOAN	blind terminal	aluminium
C100508AOAN	line start closing terminal	aluminium
C100294ISNT	alignment plate	aluminium
C100410ISSA	mounting bracket	Steel
F100035NANT	Removal tool fixing profile	Steel
A100267PCNT	Opal diffuser for fixing profile	Polycarbonate

Surface fixing profile

Code	Description	Finishing
C600282AOAN	profile for Riga 500	aluminium
C600283AOAN	profile for Riga 1000	aluminium
C600289AOAN	profile for Riga 1500	aluminium

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
DPC01PAH048ST65	Line Start Box DHSLC 1 output	24-48V DC	100x100x59	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m

Rigo



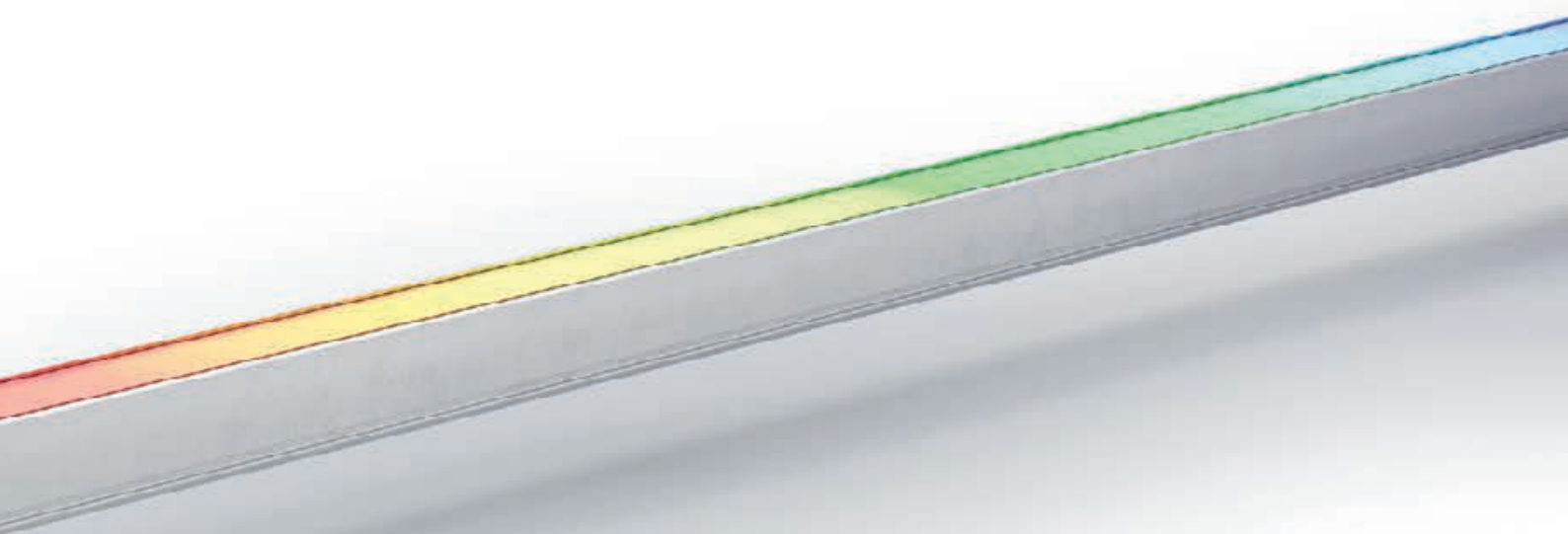


Rigo

IP 66 and IP 67

Direct view, accent and contour light. Specification-grade, multi-function modular system featuring mid power LEDs. Power from 9W to 27W. Modules lengths of 500, 1000 and 1500 mm. Diffused light, RGB. Wide choice of outputs, colour temperatures, colour-mixings. xPerfect for outdoor accent illumination of open spaces in commercial and hospitality areas. Easy to position, installation-friendly. Through-wiring. Remote power supply unit. Control through DHS LC.





	Rigo 500	Rigo 1000	Rigo 1500
Input power	9 W	18 W	27 W
Source flux	545 lm	1090 lm	1630 lm
Source efficiency	71 lm/W	71 lm/W	71 lm/W
Delivered flux	305 lm	610 lm	915 lm
Delivered efficiency	34 lm/W	34 lm/W	34 lm/W
Weight	0,55 Kg	1,1 Kg	1,65 Kg

IP rating

66 and 67

IK rating

10

Source type

Mid power LED

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

RGB

Beam angles

120°opal resin

Light control

DHSLC protocol, self addressing

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

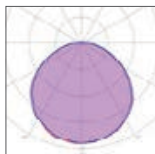
Extruded aluminium alloy, opal Polyurethane resin

Connection

Through-wiring, power supply and signal individual conductors, length 0,1m, with IP67

3-poles connectors

Photometrics



120°

Rigo 500

RGB	0.2 m	2,7 klux
109,1 cd	0.5 m	436 lux
305,2 lm	1 m	109 lux
9W	2 m	27 lux
	5 m	4 lux

Rigo 1000

RGB	0.2 m	5,5 klux
218,2 cd	0.5 m	873 lux
610,4 lm	1 m	218 lux
18W	2 m	55 lux
	5 m	9 lux

Rigo 1500

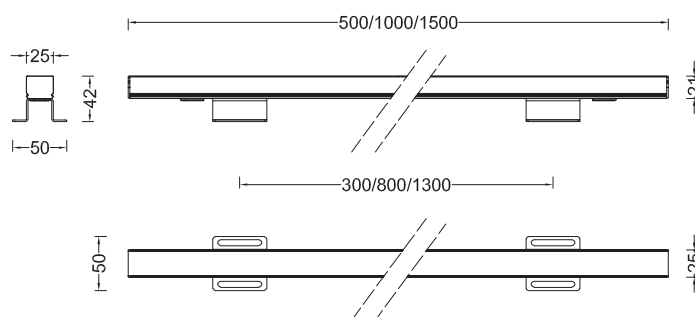
RGB	0.2 m	8,2 klux
327,3 cd	0.5 m	1,3 klux
915,6 lm	1 m	327 lux
27W	2 m	82 lux
	5 m	13 lux

Dynamic Light

DHSLC

It is Diamante Lighting's proprietary protocol used for dynamic architectural lighting in large set-ups for precise control of fixtures or fixtures parts. High speed data transfer, self addressing, allowing to drive 40 m of Riga, Rigo, Filo, Segno or Intensa fixtures, with 25 cm control pitch at 50 packets per second. On large set ups a standard controller with ArtNet output can be used, allowing a wide choice among professional large scale control systems.

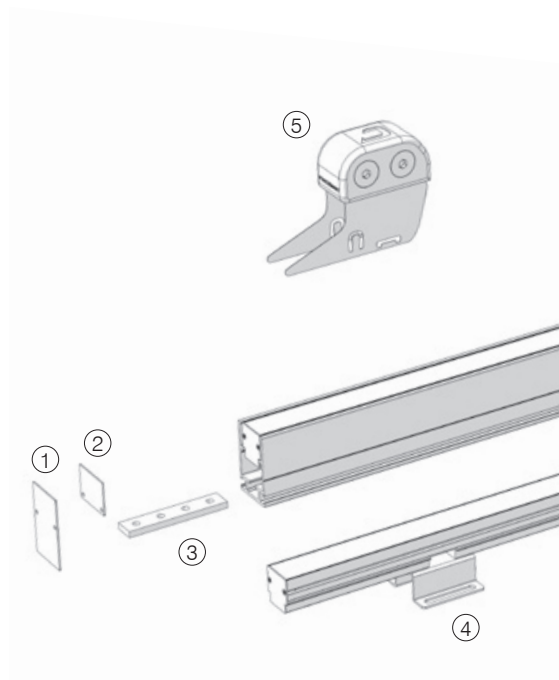
Dimensions (mm.)



Codes

Rigo - 24 to 48 Vdc RGB - DHSLC

Rigo 500	RG005ANH048	RGB	RT	opal diffused	120°	OD
Rigo 1000	RG010ANH048					
Rigo 1500	RG015ANH048					



1. Blind terminal cod. C100265AOAN - 2. Line start closing terminal cod. C100508AOAN - 3. Alignment plate for surface fixing profile cod. C100294ISNT - 4. Mounting bracket cod. C100410ISSA - 5. Removal tool for surface fixing profile cod. F100035NANT

Accessories

Miscellaneous

Code	Description	Finishing
C100265AOAN	blind terminal	aluminium
C100508AOAN	line start closing terminal	aluminium
C100294ISNT	alignment plate	aluminium
C100410ISSA	mounting bracket	Steel
F100035NANT	Removal tool fixing profile	Steel

Surface fixing profile

Code	Description	Finishing
C600282AOAN	profile for Rigo500	aluminium
C600283AOAN	profile for Rigo 1000	aluminium
C600289AOAN	profile for Rigo 1500	aluminium

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
DPC01PAH048ST65	Line Start Box DHSLC 1 output	24-48V DC	100x100x59	20

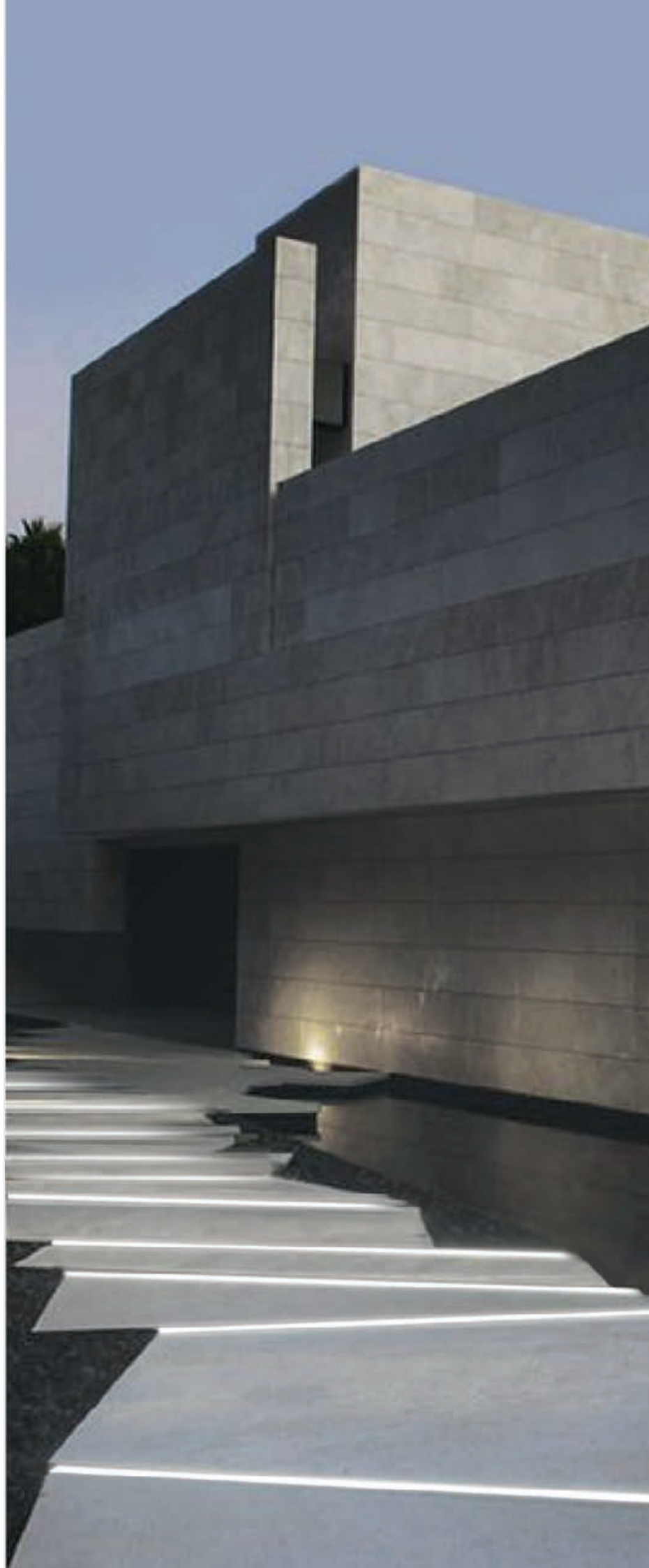
Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m

Segno

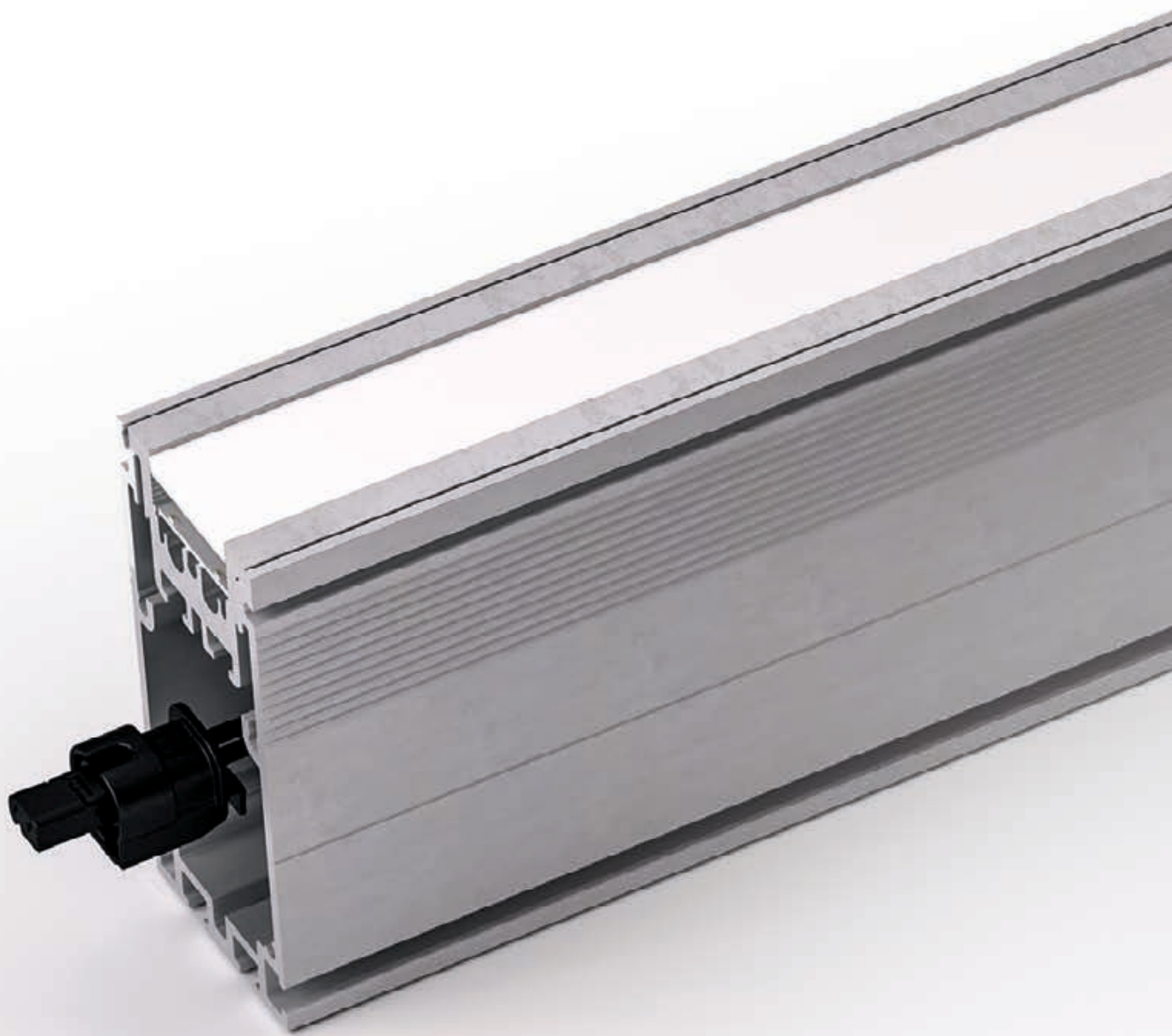




Segno

IP 66 and IP 67

In-ground direct view, accent, way-finding and contour light. Specification-grade modular system featuring mid power LEDs. Power from 8W to 24W. Modules lengths of 500, 1000, 1500 mm. Diffused light. Three colour temperatures from 2800K to 5000K. To be used both indoor and outdoor. Easy to position, installation-friendly. Through-wiring. Remote power supply unit.







Through-wiring, high output

This elegant in-ground- recessed system comes with through-wiring and IP 68 snap-on connectors for a quick and safe installation. Recess profile in extruded aluminium alloy. Segno is sealed with clear resin covered by a second layer of opal white resin to ensure a diffused, homogeneous light distribution.

	Segno 500	Segno 1000	Segno 1500
Input power	8 W	16 W	24 W
Source flux	1015 lm	2025 lm	3040 lm
Source efficiency	127 lm/W	127 lm/W	127 lm/W
Delivered flux	625 lm	1250 lm	1880 lm
Delivered efficiency	70,5 lm/W	70,5 lm/W	70,5 lm/W
Net weight	0,65 Kg	1,3 Kg	1,95 Kg

IP rating

66 and 67

IK rating

10

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

> 60,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2800K, 3800K, 5000K

Beam angles

120°opal resin

Light control

On/off

Temperature limits

Working temperature: from -30°C to +55°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

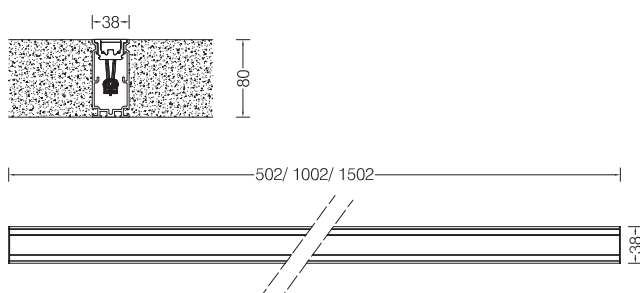
Construction

Extruded aluminium alloy, scratch proof hard Polyurethane resin

Connection

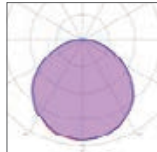
On/off: Through-wiring, power supply individual conductors, length 0,1m, with IP67 2-poles connectors

Dimensions (mm.)

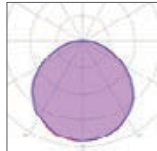


Photometrics

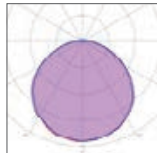
Segno 500

	3800K	0,2 m	5,4 klux
	214 cd	0,5 m	856 lux
	598,7 lm	1 m	214 lux
	8W	2 m	54 lux
		5 m	9 lux

Segno 1000

	3800K	0,2 m	10,7 klux
	428,1 cd	0,5 m	1,7 klux
	1,20 klm	1 m	428 lux
	16W	2 m	107 lux
		5 m	17 lux

Segno 1500

	3800K	0,2 m	16,1 klux
	642,1 cd	0,5 m	2,6 klux
	1,80 Klm	1 m	642 lux
	24W	2 m	161 lux
		5 m	26 lux

Codes

Segno - 48 Vdc On/off

Segno 500	SGN05ANR048	2800 K	WW	opal diffused	120°	OD
Segno 1000	SGN10ANR048	3800 K	NW			
Segno 1500	SGN15ANR048	5000 K	CW			

Accessories

Recessed box

Code	Description	Finishing
C600301AOAN	recessed box Segno 500	aluminium
C600302AOAN	recessed box Segno 1000	aluminium
C600303AOAN	recessed box Segno 1500	aluminium

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	IP
D300278NANT	On/off	220-240V AC	50W	48V	20
D300277NANT	On/off	90-305V AC	40W	48V	67

Cables

Code	Description	Length
F400123NANT	mono leader cable	2m
F400120NANT	mono jumper cable	1m

Cube

IP 66 and 67

High power adjustable surface projectors in machined aluminum alloy, equipped with COB (chip-on-board) LEDs. Suitable for accent lighting, grazing and wall washing of walls. Available in three sizes with powers from 20W to 60W. Four high-precision beam angles, including two elliptical emissions. Three color temperatures: 3000K, 4000K and 5000K. Cubo is a family of projectors ideal for enhancing architectural surfaces, volumes and details even on very tall buildings and in any architectural context. Easy to place and aim. Simple installation. Mains power supply.





	Cube 1	Cube 2	Cube 3
Input power	20 W	40 W	60 W
Source flux	2030 lm	4140 lm	6300 lm
Source efficiency	101 lm/W	103,5 lm/W	105 lm/W
Delivered flux	1565 lm	3200 lm	4865 lm
Delivered efficiency	78 lm/W	80 lm/W	81 lm/W
Net weight	0,8 Kg	1,3 Kg	1,8 Kg

IP rating

66 and 67

IK rating

08

Source type

High voltage chip on board

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 5000K

Beam angles

26°, 50°, 62°x27°, 27°x62°

Light control

On/off control, no dimming

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

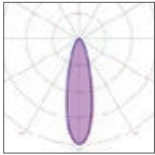
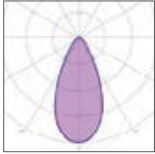
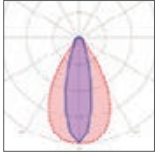
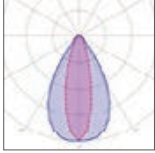
Surface

Construction

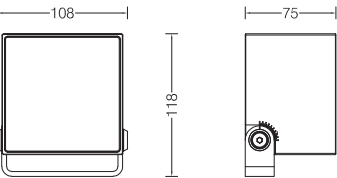
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

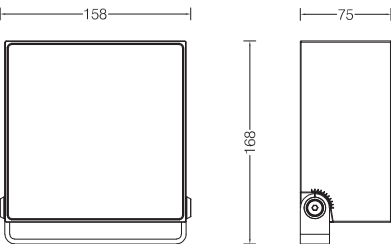
On/off: power supply cable length 0,8m

		Cube 1			Cube 2			Cube 3		
26°		4000 K	0.5 m	14,5 klux	4000 K	0.5 m	29,5 klux	4000 K	1 m	11,2 klux
		3,62 kcd	1 m	3,6 klux	7,36 kcd	1 m	7,4 klux	11,2 kcd	2 m	2,8 klux
		1,51 klm	2 m	905 lux	3,08 klm	2 m	1,8 klux	4,69 klm	5 m	449 lux
		20W	5 m	145 lux	40W	5 m	295 lux	60W	10 m	112 lux
			10 m	36 lux		10 m	74 lux		20 m	28 lux
50°		4000 K	0.2 m	44,9 klux	4000 K	0.5 m	14,6 klux	4000 K	0.5 m	22,2 klux
		1,79 kcd	0.5 m	7,2 kLux	3,65 kcd	1 m	3,7 klux	5,56 kcd	1 m	5,6 klux
		1,52 klm	1 m	1,8 klux	3,10 klm	2 m	913 lux	4,72 klm	2 m	1,4 klux
		20W	2 m	449 lux	40W	5 m	146 lux	60W	5 m	222 lux
			5 m	72 lux		10 m	37 lux		10 m	56 lux
62°x27°		4000 K	0.2 m	53,3 klux	4000 K	0.5 m	17,3 klux	4000 K	0.5 m	26,4 klux
		2,13 kcd	0.5 m	8,5 klux	4,34 kcd	1 m	4,3 klux	6,60 kcd	1 m	6,6 klux
		1,53 klm	1 m	2,1 klux	3,10 klm	2 m	1,1 klux	4,73 klm	2 m	1,7 klux
		20W	2 m	533 lux	40W	5 m	173 lux	60W	5 m	264 lux
			5 m	85 lux		10 m	43 lux		10 m	66 lux
27°x62°		4000 K	0.2 m	53,3 klux	4000 K	0.5 m	17,3 klux	4000 K	0.5 m	26,4 klux
		2,13 kcd	0.5 m	8,5 klux	4,34 kcd	1 m	4,3 klux	6,60 kcd	1 m	6,6 klux
		1,53 klm	1 m	2,1 klux	3,10 klm	2 m	1,1 klux	4,73 klm	2 m	1,7 klux
		20W	2 m	533 lux	40W	5 m	173 lux	60W	5 m	264 lux
			5 m	85 lux		10 m	43 lux		10 m	66 lux

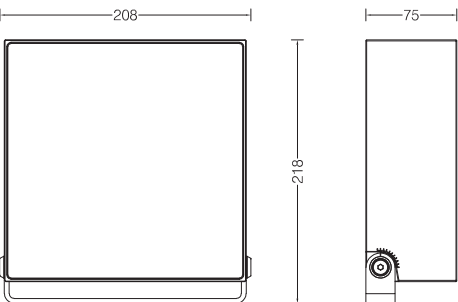
Dimensions (mm.)



Cube 1



Cube 2



Cube 3

Codes

Cube - 230VAC On/off

Cube 1	CUB01ABX231	3000 K	WW	medium beam	(26°)	MB
Cube 2	CUB02ABX231	4000 K	NW	wide beam	(50°)	WB
Cube 3	CUB03ABX231	6000 K	CW	horizontal narrow	(62°X27°)	ON
				vertical narrow	(27°X62°)	VN

D4

St. Peter's Basilica
Rome, Italy





D4

IP 66 and 67

Surface-mounted, adjustable projector for precise, stunning accent lighting. Featuring high power LEDs with an extra-narrow beam of 4 degrees. Power from 18 W to 34 W. Four colour temperatures ranging from 2200K to 6000K. D4 is the ideal projector to enhance architectural details. Thanks to its compact size and neutral design, D4 integrates any architectural environment. Easy positioning and precise aiming devices. Installation-friendly. Control through DMX- RDM or DALI on board as unit power supply.





D4.07

Input power	17,5 W
Source flux	2020 lm
Source efficiency	132,5 lm/W
Delivered flux	1580 lm
Delivered efficiency	86 lm/W
Net weight	3,2 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

4°, 8°, 16°, 26°, 42°, 38°x14°, 14°x38°

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

On/off: Power cable length 0,8m

DMX: Power and signal cable length 0,8m

DALI: Power and signal cable length 0,8m



Dynamic Light

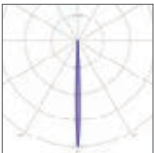
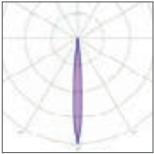
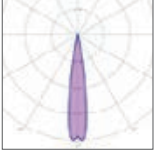
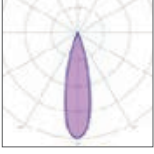
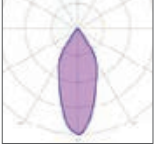
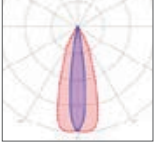
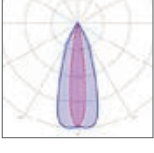
DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

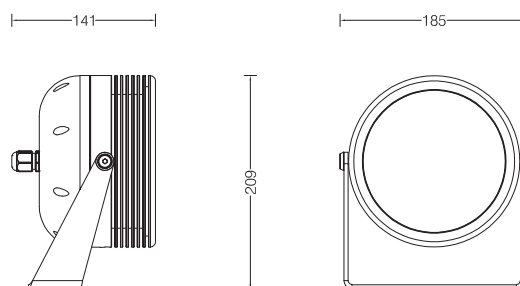
DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Photometrics

4°		4000 K	2 m	41,0 klux
		164,2 kcd	5 m	6,6 klux
		1,62 klm	10 m	1,6 klux
		17,5W	20 m	410 lux
			50 m	66 lux
8°		4000 K	2 m	14,6 klux
		58,5 kcd	5 m	2,3 klux
		1,58 klm	10 m	585 lux
		17,5W	20 m	146 lux
			50 m	23 lux
16°		4000 K	1 m	18,2 klux
		18,2 kcd	2 m	4,6 klux
		1,60 klm	5 m	728 lux
		17,5W	10 m	182 lux
			20 m	46 lux
26°		4000 K	0.5 m	29,2 klux
		7,29 kcd	1 m	7,3 klux
		1,58 klm	2 m	1,8 klux
		17,5W	5 m	292 lux
			10 m	73 lux
42°		4000 K	0.2 m	61,7 klux
		2,47 kcd	0.5 m	9,9 klux
		1,58 klm	1 m	2,5 klux
		17,5W	2 m	617 lux
			5 m	99 lux
38°x14°		4000 K	0.5 m	29,4 klux
		7,34 Kcd	1 m	7,3 klux
		1,56 Klm	2 m	1,8 klux
		17,5W	5 m	294 lux
			10 m	73 lux
14°x38°		4000 K	0.5 m	29,4 klux
		7,34 Kcd	1 m	7,3 klux
		1,56 Klm	2 m	1,8 klux
		17,5W	5 m	294 lux
			10 m	73 lux

Dimensions (mm)



Codes

D4.07 - 230VAC On/off

D4.07	D0407ABX231	2200 K	SW	ultra narrow beam (4°)	UN
		3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	frosted narrow (16°)	NF
		6000 K	CW	medium beam (26°)	MB
				wide beam (42°)	MB
				horizontal narrow (38°x14°)	ON
				vertical narrow (14°x38°)	VN

D4.07 - 230VAC DALI

D4.07	D0407ABA231	2200 K	SW	ultra narrow beam (4°)	UN
		3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	frosted narrow (16°)	NF
		6000 K	CW	medium beam (26°)	MB
				wide beam (42°)	MB
				horizontal narrow (38°x14°)	ON
				vertical narrow (14°x38°)	VN

D4.07 - 230VAC DMX-512A

D4.07	D0407ABD231	2200 K	SW	ultra narrow beam (4°)	UN
		3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	frosted narrow (16°)	NF
		6000 K	CW	medium beam (26°)	MB
		RGBW	RW	wide beam (42°)	MB
				horizontal narrow (38°x14°)	ON
				vertical narrow (14°x38°)	VN

Accessories

Light shields

Code	Description	Finishing
C100376AOAN	shield D4.07	aluminium

D4.18

Input power	33 W
Source flux	3980 lm
Source efficiency	137 lm/W
Delivered flux	2985 lm
Delivered efficiency	85 lm/W
Net weight	3,2 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

On/off: Power cable length 0,8m

DMX: Power and signal cable length 0,8m

DALI: Power and signal cable length 0,8m



Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

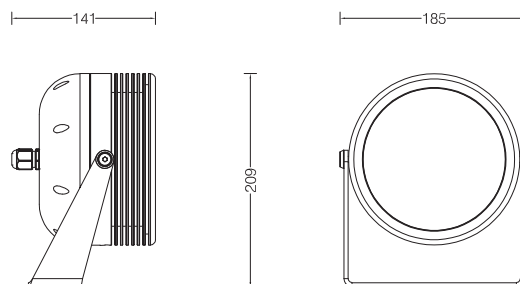
DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Photometrics

10°		4000 K	2 m	13,4 klux
		53,7 kcd	5 m	2,2 klux
		2,98 klm	10 m	538 lux
		33W	20 m	134 lux
			50 m	22 lux
30°		4000 K	0.5 m	40,0 klux
		9,99 kcd	1 m	10,0 klux
		2,88 klm	2 m	2,5 klux
		33W	5 m	400 lux
			10 m	100 lux
50°		4000 K	0.5 m	19,1 klux
		4,78 kcd	1 m	4,8 klux
		2,98 klm	2 m	1,2 klux
		33W	5 m	191 lux
			10 m	48 lux
12°x35°		4000 K	1 m	16,9 klux
		16,9 kcd	2 m	4,2 klux
		2,88 klm	5 m	676 lux
		33W	10 m	169 lux
			20 m	42 lux
35°x12°		4000 K	1 m	16,9 klux
		16,9 kcd	2 m	4,2 klux
		2,88 klm	5 m	676 lux
		33W	10 m	169 lux
			20 m	42 lux
80°		4000 K	0.2 m	54,3 klux
		2,17 kcd	0.5 m	8,7 klux
		2,95 klm	1 m	2,2 klux
		33W	2 m	543 lux
			5 m	87 lux

Dimensions (mm)



Codes

D4.18 - 230VAC On/off

D4.018	D0418ABX231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	MB
		6000 K	CW	horizontal narrow	(12°x35°)	ON
				vertical narrow	(35°x12°)	VN
				flood	(80°)	FL

D4.18 - 230VAC DALI

D4.18	D0418ABA231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	MB
		6000 K	CW	horizontal narrow	(12°x35°)	ON
				vertical narrow	(35°x12°)	VN
				flood	(80°)	FL

D4.18 - 230VAC DMX-512A

D4.18	D0418ABD231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	MB
		6000 K	CW	horizontal narrow	(12°x35°)	ON
				vertical narrow	(35°x12°)	VN
		RGBW	RW	flood	(80°)	FL

Accessories

Light shields

Code	Description	Finishing
C100376AOAN	shield D4.18	aluminium

Emme

Trevi fountain
Rome, Italy





Emme

IP 66 and IP 67

High power adjustable surface projectors in die-cast aluminum, equipped with high power LEDs. Suitable for accent lighting, grazing and wall washing of walls. Power 41W and 61W. Ten high-precision emission angles from 4 to 100 degrees, including four elliptical emissions. Four color temperatures from 2200K to 6000K, plus RGBW. EMME is the ideal projector to enhance architectural surfaces, volumes and details even on very tall buildings and in any architectural context. Easy to place and aim. Simple installation. Power supply on board. Control via DMX-RDM or DALI.



	Emme 1	Emme 1 HO
Input power	41 W	61 W
Source flux	5580 lm	7540 lm
Source efficiency	151 lm/W	139 lm/W
Delivered flux	4700 lm	6350 lm
Delivered efficiency	113 lm/W	104 lm/W
Net weight	4,2 Kg	4,2 Kg

IP rating

66

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>100,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

4°, 8°, 35°, 50°, 45°x8°, 8°x45°, 75°x40°, 40°x75°, 100°, asymmetrical wide

Light control

On/off, DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

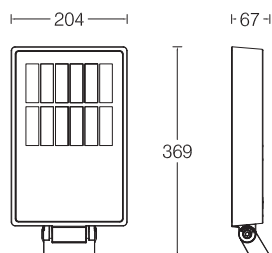
Die-cast aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium frontglass, nickel-plated brass gland connector, pressure compensation valve

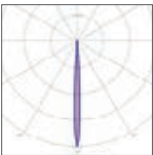
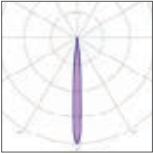
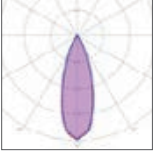
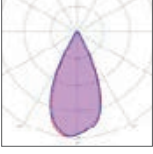
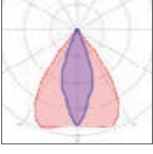
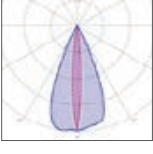
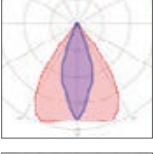
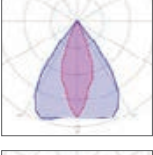
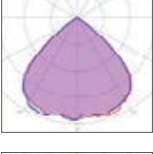
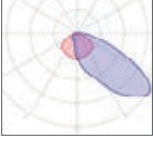
Connection

On/off: Power supply cable length 0,8m

DMX: Power supply cable length 0,8m and shielded signal cable length 0,8m

DALI: Power supply cable length 0,8m and signal cable length 0,8m



		Emme 1			Emme 1 HO		
4°		4000 K	5 m	10,2 klux	4000 K	5 m	3,8 klux
		256 kcd	10 m	2,6 klux	346 kcd	10 m	3,5 klux
		4,51 klm	20 m	640 lux	6,09 klm	20 m	865 lux
		41W	50 m	102 lux	61W	50 m	138 lux
			100 m	26 lux		100 m	35 lux
8°		4000 K	2 m	36,3 klux	4000 K	2 m	49,0 klux
		145 kcd	5 m	5,8 klux	196 kcd	5 m	7,8 klux
		4,32 klm	10 m	1,5 klux	5,83 klm	10 m	2,0 klux
		41W	20 m	363 lux	61W	20 m	490 lux
			50 m	58 lux		50 m	78 lux
35°		4000 K	1 m	10,8 klux	4000 K	1 m	14,5 klux
		10,7 kcd	2 m	2,7 klux	14,5 kcd	2 m	3,6 klux
		4,22 klm	5 m	430 lux	5,70 klm	5 m	581 lux
		41W	10 m	108 lux	61W	10 m	145 lux
			20 m	27 lux		20 m	36 lux
50°		4000 K	0,5 m	27,4 klux	4000 K	0,5 m	37,0 klux
		6,84 kcd	1 m	6,8 klux	9,24 kcd	1 m	9,2 klux
		4,27 klm	2 m	1,7 klux	5,77 klm	2 m	2,3 klux
		41W	5 m	274 lux	61W	5 m	370 lux
			10 m	68 lux		10 m	92 lux
45°x8°		4000 K	1 m	29,8 klux	4000 K	2 m	10,1 klux
		29,8 kcd	2 m	7,5 klux	40,2 kcd	5 m	1,6 klux
		4,32 klm	5 m	1,2 klux	5,83 klm	10 m	403 lux
		41W	10 m	298 lux	61W	20 m	101 lux
			20 m	75 lux		50 m	16 lux
8°x45°		4000 K	1 m	29,8 klux	4000 K	2 m	10,1 klux
		29,8 kcd	2 m	7,5 klux	40,2 kcd	5 m	1,6 klux
		4,32 klm	5 m	1,2 klux	5,83 klm	10 m	403 lux
		41W	10 m	298 lux	61W	20 m	101 lux
			20 m	75 lux		50 m	16 lux
75°x40°		4000 K	0,5 m	26,9 klux	4000 K	0,5 m	36,4 klux
		6,73 kcd	1 m	6,7 klux	9,09 kcd	1 m	9,1 klux
		4,60 klm	2 m	1,7 Klux	6,22 klm	2 m	2,3 klux
		41W	5 m	269 lux	61W	5 m	364 lux
			10 m	67 lux		10 m	91 lux
40°x75°		4000 K	0,5 m	26,9 klux	4000 K	0,5 m	36,4 klux
		6,73 kcd	1 m	6,7 klux	9,09 kcd	1 m	9,1 klux
		4,60 klm	2 m	1,7 Klux	6,22 klm	2 m	2,3 klux
		41W	5 m	269 lux	61W	5 m	364 lux
			10 m	67 lux		10 m	91 lux
100°		4000 K	0,2 m	58,8 klux	4000 K	0,5 m	12,7 klux
		2,35 kcd	0,5 m	9,4 klux	3,18 kcd	1 m	3,2 klux
		4,70 klm	1 m	2,4 klux	6,35 klm	2 m	794 lux
		41W	2 m	588 lux	61W	5 m	127 lux
			5 m	94 lux		10 m	32 lux
Asymmetrical wide		4000 K	0,5 m	10,9 klux	4000 K	0,5 m	14,8 klux
		2,73 kcd	1 m	2,7 klux	3,69 kcd	1 m	3,7 klux
		4,41 klm	2 m	683 lux	5,96 klm	2 m	924 lux
		41W	5 m	109 lux	61W	5 m	148 lux
			10 m	27 lux		10 m	37 lux

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Codes

Emme - 230VAC On/off

Emme I	EME01PAX231	2200 K	SW	ultra narrow beam (4°)	UN
Emme I HO	EMH01PAX231	3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	medium beam (35°)	MB
		6000 K	CW	wide beam (50°)	WB
				horizontal narrow (45°x8°)	ON
				vertical narrow (8°x45°)	VN
				horizontal wide (75°x40°)	OW
				vertical wide (40°x75°)	VW
				flood (100°)	FL
				asymmetric wide	AS

Emme - 230VAC DALI

Emme I	EME01PAA231	2200 K	SW	ultra narrow beam (4°)	UN
Emme I HO	EMH01PAA231	3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	medium beam (35°)	MB
		6000 K	CW	wide beam (50°)	WB
				horizontal narrow (45°x8°)	ON
				vertical narrow (8°x45°)	VN
				horizontal wide (75°x40°)	OW
				vertical wide (40°x75°)	VW
				flood (100°)	FL
				asymmetric wide	AS

Emme - 230VAC DMX-512A - MONO

Emme I	EME01PAD231	2200 K	SW	ultra narrow beam (4°)	UN
Emme I HO	EMH01PAD231	3000 K	WW	narrow beam (8°)	NB
		4000 K	NW	medium beam (35°)	MB
		6000 K	CW	wide beam (50°)	WB
				horizontal narrow (45°x8°)	ON
				vertical narrow (8°x45°)	VN
				horizontal wide (75°x40°)	OW
				vertical wide (40°x75°)	VW
				flood (100°)	FL
				asymmetric wide	AS

Emme - 230VAC DMX-512A - RGBW

Emme I	EME01PAD231	RGBW	RW	narrow beam (8°)	NB
Emme I HO	EMH01PAD231			medium beam (35°)	MB
				wide beam (50°)	WB
				horizontal narrow (45°x8°)	ON
				vertical narrow (8°x45°)	VN
				horizontal wide (75°x40°)	OW
				vertical wide (40°x75°)	VW
				flood (100°)	FL
				asymmetric wide	AS

Eye

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for accent or wall washing illumination, featuring high power LEDs. Power 5,5W. Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Very compact, Eye can be installed in places with very limited space to illuminate distinctive details and small significant walls. Easy positioning and aiming devices. Installation-friendly. Power supply unit on board.



	Eye
Input power	5,5 W
Source flux	625 lm
Source efficiency	151 lm/W
Delivered flux	470 lm
Delivered efficiency	90 lm/W
Net weight	0,85 Kg



IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Power cable length 0,8m

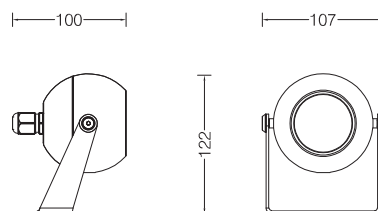
Accessories

Miscellaneous

Code	Description	Finishing
C100055ISSA	spike	aluminium

Waldorf Astoria hotel
Ras Al Khaimah, UAE

Dimensions (mm)



Photometrics

10°		4000 K	0,5 m	33,7 klux
		8,43 kcd	1 m	8,4 klux
		468,1 lm	2 m	2,1 klux
		5,5W	5 m	337 lux
			10 m	84 lux
30°		4000 K	0,2 m	39,2 klux
		1,57 kcd	0,5 m	6,3 klux
		452,3 lm	1 m	1,6 klux
		5,5W	2 m	392 lux
50°		4000 K	0,2 m	18,8 klux
		750,1 cd	0,5 m	3,0 klux
		468,1 lm	1 m	750 lux
		5,5W	2 m	188 lux
35°x12°		4000 K	0,5 m	10,6 klux
		2,65 kcd	1 m	2650 lux
		452,3 lm	2 m	662 lux
		5,5W	5 m	106 lux
12°x35°		4000 K	0,5 m	10,6 klux
		2,65 kcd	1 m	2650 lux
		452,3 lm	2 m	662 lux
		5,5W	5 m	106 lux
80°		4000 K	0,2 m	8,5 klux
		340,6 cd	0,5 m	1,4 klux
		462,8 lm	1 m	341 lux
		5,5W	2 m	85 lux
			5 m	14 lux

Codes

Eye - 230VAC On/off

Eye	EYE04ANX231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Jilspot

Palatino
Rome, Italy





Jilspot

IP 66 and IP 67

Surface-mounted, adjustable projectors in machine-crafted aluminium alloy for accent or wall washing illumination, featuring high power LEDs. Power 5,5W (Jilspot 4), 9W (Jilspot 7) and 19W (Jilspot 7 Dynamic). Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K plus RGBW (Jilspot 7 Dynamic). Easy positioning and aiming devices. Ideal to illuminate details and small walls in any architectural context. Installation-friendly. Power supply unit on board. Control through DMX-RDM (Jilspot 7 Dynamic).



Jilspot 4



Jilspot 7



Jilspot 7 Dynamic

Efficient heat dissipation

This compact, orientable projector is made of machine-crafted aluminium alloy with deep grooves for an efficient heat dissipation. Jilspot is the ideal projector for accent illumination.



	Jilspot 4	Jilspot 7	Jilspot 7 Dynamic
Input power	5,5 W	9 W	19 W
Source flux	625 lm	1090 lm	2020 lm
Source efficiency	151 lm/W	151 lm/W	132,5 lm/W
Delivered flux	470 lm	820 lm	1515 lm
Delivered efficiency	90 lm/W	90 lm/W	78,5 lm/W
Net weight	1,05 Kg	1,5 Kg	2,5 Kg

Jilspot 4/7

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Jilspot 4 Power supply unit on board, insulation class II

Jilspot 7 Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Jilspot 4 Power cable length 0,8m

Jilspot 7 Power cable length 0,8m

Jilspot 7 Dynamic

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

DMX-512A - RDM, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

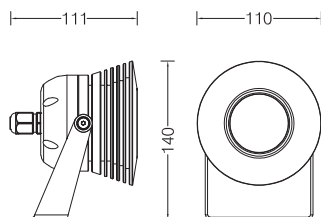
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

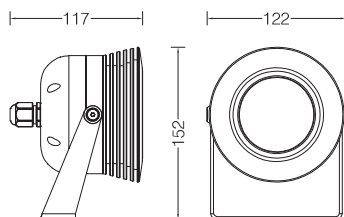
DMX: Power supply cable length 0,8m and signal cable length 0,8m shielded

DALI: Power supply cable length 0,8m and signal cable length 0,8m

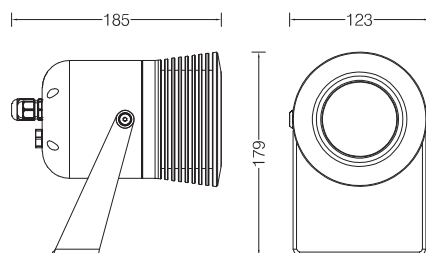
Dimensions (mm.)



Jilspot 4



Jilspot 7



Jilspot 7 Dynamic

Photometrics

Jilspot 4				Jilspot 7				Jilspot 7 Dynamic			
10°		4000 K	0.5 m	33,7 klux	4000 K	1 m	14,8 klux	4000 K	1 m	27,3 klux	
		8,43 kcd	1 m	8,4 klux	14,7 kcd	2 m	3,7 klux	27,2 kcd	2 m	6,8 klux	
		468,1 lm	2 m	2,1 klux	819,1 lm	5 m	590 lux	1,51 klm	5 m	1,1 klux	
		5,5W	5 m	337 lux	9W	10 m	148 lux	19W	10 m	273 lux	
			10 m	84 lux		20 m	37 lux		20 m	68 lux	
30°		4000 K	0.2 m	39,2 klux	4000 K	0.5 m	11,0 klux	4000 K	0.5 m	20,3 klux	
		1,57 kcd	0.5 m	6,3 klux	2,74 kcd	1 m	2,7 klux	5,07 kcd	1 m	5,1 klux	
		452,3 lm	1 m	1,6 klux	791,5 lm	2 m	685 lux	1,46 klm	2 m	1,3 klux	
		5,5W	2 m	392 lux	9W	5 m	110 lux	19W	5 m	203 lux	
			5 m	63 lux		10 m	27 lux		10 m	51 lux	
50°		4000 K	0.2 m	18,8 klux	4000 K	0.2 m	32,8 klux	4000 K	0.2 m	60,6 klux	
		750,1 cd	0.5 m	3,0 klux	1,31 kcd	0.5 m	5,3 klux	2,43 kcd	0.5 m	9,7 klux	
		468,1 lm	1 m	750 lux	819,1 lm	1 m	1,3 klux	1,51 klm	1 m	2,4 klux	
		5,5W	2 m	188 lux	9W	2 m	328 lux	19W	2 m	606 lux	
			5 m	30 lux		5 m	53 lux		5 m	97 lux	
35°x12°		4000 K	0.5 m	10,6 klux	4000 K	0.5 m	18,5 klux	4000 K	0.5 m	34,3 klux	
		2,65 kcd	1 m	2,6 klux	4,64 kcd	1 m	4,6 klux	8,57 kcd	1 m	8,6 klux	
		452,3 lm	2 m	662 lux	791,5 lm	2 m	1,2 klux	1,46 klm	2 m	2,1 klux	
		5,5W	5 m	106 lux	9W	5 m	185 lux	19W	5 m	343 lux	
			10 m	26 lux		10 m	46 lux		10 m	86 lux	
12°x35°		4000 K	0.5 m	10,6 klux	4000 K	0.5 m	18,5 klux	4000 K	0.5 m	34,3 klux	
		2,65 kcd	1 m	2,6 klux	4,64 kcd	1 m	4,6 klux	8,57 kcd	1 m	8,6 klux	
		452,3 lm	2 m	662 lux	791,5 lm	2 m	1,2 klux	1,46 klm	2 m	2,1 klux	
		5,5W	5 m	106 lux	9W	5 m	185 lux	19W	5 m	343 lux	
			10 m	26 lux		10 m	46 lux		10 m	86 lux	
80°		4000 K	0.2 m	8,5 klux	4000 K	0.2 m	14,9 klux	4000 K	0.2 m	27,5 klux	
		340,6 cd	0.5 m	1,4 klux	596,0 cd	0.5 m	2,4 klux	1,10 kcd	0.5 m	4,4 klux	
		462,8 lm	1 m	341 lux	809,9 lm	1 m	596 lux	1,50 klm	1 m	1,1 klux	
		5,5W	2 m	85 lux	9W	2 m	149 lux	19W	2 m	275 lux	
			5 m	14 lux		5 m	24 lux		5 m	44 lux	

Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

Codes

Jilspot - 230VAC On/off

Jilspot 4	JLS04ANX231	2200 K	SW	narrow beam	(10°)	NB
Jilspot 7	JLS07ANX231	3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Jilspot - 230VAC DMX-512A mono-RGBW

Jilspot 7Dynamic	DYC07AND231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
		RGBW	RW	vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Kálos 1

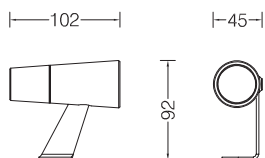
IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for precise accent or wall washing illumination, featuring high power LEDs. Power 2,5W. Six high-precision beam angles. Four colour temperatures from 2200K to 6000K. Compact, sleek design suitable for any architectural environment. Easy positioning and aiming devices. Installation-friendly. Remote power supply unit.

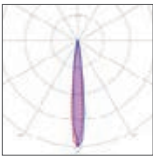
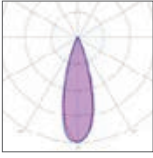
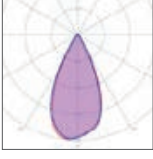
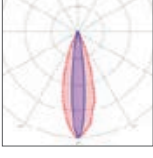
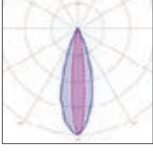
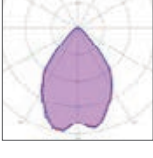


	Kálos 1
Input power	2,5 W
Source flux	305 lm
Source efficiency	141 lm/W
Delivered flux	230 lm
Delivered efficiency	10,5 lm/W
Net weight	0,2 Kg
IP rating	66 and 67
IK rating	08
Source type	High power LED
CRI	>80
MacAdam step	3
Source life time	>90.000h L70 B10 at 25°C ambient temperature
Power supply	Remote power supply unit, constant voltage, insulation class III
Light colour/CCT	2200K, 3000K, 4000K, 6000K
Beam angles	10°, 30°, 50°, 12°x35°, 35°x12°, 80°
Light control	On/off, optional dimming (via accessories)
Temperature limits	Working temperature: from -30°C to +50°C Storage temperature: from -50°C to +80°C
Mounting	Surface
Construction	Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass
Connection	Low voltage power cable length 0,8m

Dimensions (mm.)



Photometrics

10°		4000 K	0,5 m	15,6 klux
		3,90 kcd	1 m	3,9 klux
		216,2 lm	2 m	974 lux
		2,5W	5 m	156 lux
			10 m	39 lux
30°		4000 K	0,2 m	18,1 klux
		723,7 cd	0,5 m	2,9 klux
		208,9 lm	1 m	724 lux
		2,5W	2 m	181 lux
			5 m	29 lux
50°		4000 K	0,2 m	8,7 klux
		346,5 cd	0,5 m	1,4 klux
		216,2 lm	1 m	347 lux
		2,5W	2 m	87 lux
			5 m	14 lux
35°x12°		4000 K	0,2 m	30,6 klux
		1,22 kcd	0,5 m	4,9 klux
		208,9 lm	1 m	1,2 klux
		2,5W	2 m	306 lux
			5 m	49 lux
12°x35°		4000 K	0,2 m	30,6 klux
		1,22 kcd	0,5 m	4,9 klux
		208,9 lm	1 m	1,2 klux
		2,5W	2 m	306 lux
			5 m	49 lux
80°		4000 K	0,2 m	3,9 klux
		157,3 cd	0,5 m	629 lux
		213,8 lm	1 m	157 lux
		2,5W	2 m	39 lux
			5 m	6 lux

Codes

Kálos 1 - 48 Vdc On/off

Kálos 1	KA101ABR048	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer DMX CV 1 outlets	12-48V DC	92x36x62	20
D500724NANT	Dimmer DALI CV 1 outlets	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Kálos 2

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for precise accent or wall washing illumination, featuring high power LEDs. Power 3W (4° beam angle) and 6W. Seven beam angles, including 4 degrees. Four colour temperatures from 2200K to 6000K. Compact, sleek design suitable for any architectural environment. Easy positioning and aiming devices. Installation-friendly. Power supply unit on board.



	Kálos 2 - 4° beam angle	Kálos 2
Input power	3 W	6 W
Source flux	305 lm	690 lm
Source efficiency	141 lm/W	151 lm/W
Delivered flux	245 lm	515 lm
Delivered efficiency	90 lm/W	91 lm/W
Net weight	0,75 Kg	0,75 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, Insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

4°, 10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

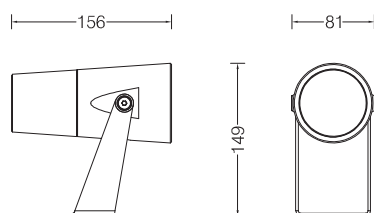
Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Power cable length 0,8m

Dimensions (mm.)



Photometrics

4°		4000 K	1 m	23,5 klux
		23,4 kcd	2 m	5,9 klux
		230,8 lm	5 m	938 lux
		3W	10 m	235 lux
			20 m	59 lux
10°		4000 K	0,5 m	34,9 klux
		8,73 kcd	1 m	8,7 klux
		484,4 lm	2 m	2,2 klux
		6W	5 m	349 lux
			10 m	87 lux
30°		4000 K	0,2 m	40,5 klux
		1,62 kcd	0,5 m	6,5 klux
		468,1 lm	1 m	1,6 klux
		6W	2 m	405 lux
			5 m	65 lux
50°		4000 K	0,2 m	19,4 klux
		776,3 cd	0,5 m	3,1 klux
		484,4 lm	1 m	776 lux
		6W	2 m	194 lux
			5 m	31 lux
35°x12°		4000 K	0,5 m	11,0 klux
		2,74 kcd	1 m	2,7 klux
		468,1 lm	2 m	685 lux
		6W	5 m	110 lux
			10 m	27 lux
12°x35°		4000 K	0,5 m	11,0 klux
		2,74 kcd	1 m	2,7 klux
		468,1 lm	2 m	685 lux
		6W	5 m	110 lux
			10 m	27 lux
80°		4000 K	0,2 m	8,8 klux
		352,5 cd	0,5 m	1,4 klux
		479 lm	1 m	353 lux
		6W	2 m	88 lux
			5 m	14 lux

Codes

Kálos 2 - 230VAC On/off

Kálos 2	KA201ABX231	2200 K	SW	ultra narrow beam	(4°)	UN
		3000 K	WW			
		4000 K	NW			
		6000 K	CW			

Kálos 2 - 230VAC On/off

Kálos 2	KA203ABX231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Leonardo

Castle of Brescia
Brescia, Italy





Leonardo

IP 66 and IP 67

Surface-mounted, adjustable projector in die-cast aluminium alloy for precise accent lighting or wall washing, featuring high power LEDs. Power 29W. Eight high-precision beam angles including four elliptical distributions. Four colour temperatures from 2200K to 6000K. Easy positioning and aiming devices. Installation-friendly. Power supply unit on board.



Leonardo

Input power	29 W
Source flux	3745 lm
Source efficiency	151 lm/W
Delivered flux	2840 lm
Delivered efficiency	98 lm/W
Net weight	4,8 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

8°, 35°, 50°, 45°x8°, 8°x45°, 75°x40°, 40°x75°, 100°

Light control

On/off, DALI

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Die-cast aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

On/off: Power cable length 0,8m

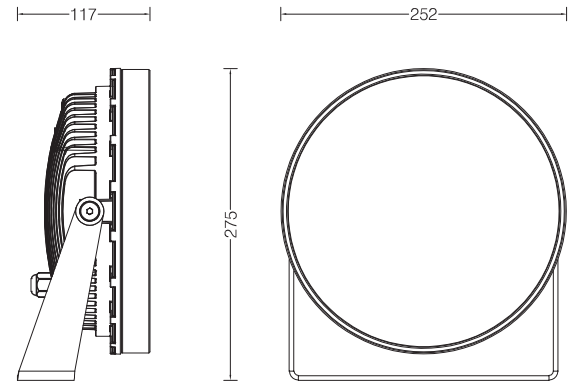
DALI: Power and signal cable length 0,8m

Heat sink

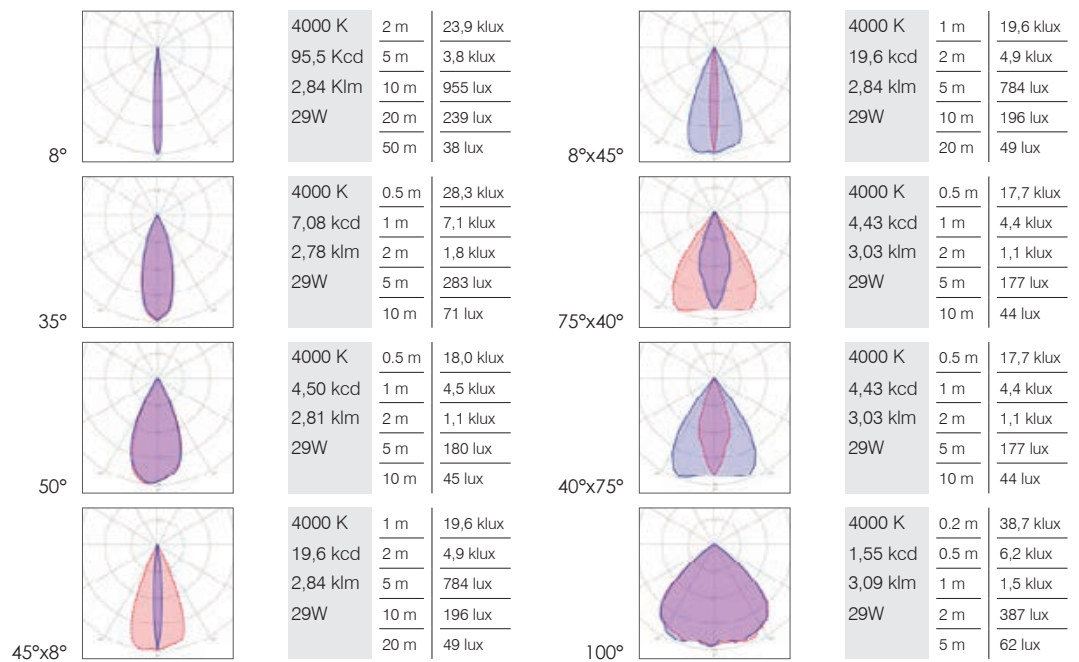
Body in die-cast aluminium, tempered protection glass IK 08. Power supply unit on board with a pressure compensation valve. Leonardo can be oriented from -90 to +90 degrees. The die-cast body was designed as an efficient heat sink to protect both the LEDs and the power supply unit.



Dimensions (mm.)



Photometrics



Dynamic Light

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Accessories

Light shields

Code	Description	Finishing
C100367AOAN	shield Leonardo	aluminium

Codes

Leonardo - 230VAC On/off

Leonardo	LEO24PAX231	2200 K	SW	narrow beam	(8°)	NB
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				horizontal wide	(75°x40°)	OW
				vertical wide	(40°x75°)	VW
				flood	(100°)	FL

Leonardo - 230VAC DALI

Leonardo	LEO24PAA231	2200 K	SW	narrow beam	(8°)	NB
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				horizontal wide	(75°x40°)	OW
				vertical wide	(40°x75°)	VW
				flood	(100°)	FL

Prospect

Lazzaretto dock
Civitavecchia, Italy





Prospect

IP 65

Surface-mounted, adjustable projector in die-cast aluminium alloy for precise accent lighting or wall washing, featuring high power LEDs. Power 53W. Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K plus RGBW. Easy positioning and aiming devices. Installation-friendly. Power supply unit on board. Control through DMX-RDM.



	Prospect
Input power	53 W
Source flux	6780 lm
Source efficiency	142 lm/W
Delivered flux	5085 lm
Delivered efficiency	95 lm/W
Net weight	6,5 Kg

IP rating

65

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>100,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

4°, 10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, DMX-512A - RDM

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Die-cast aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, IP68 nickel-plated brass gland connector

Connection

On/off: Power cable length 0,8m

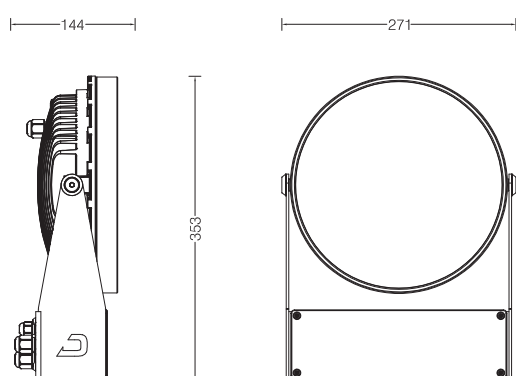
DMX: Power and signal cable length 0,8m shielded



DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

Dimensions (mm.)



Accessories

Light shields

Code	Description	Finishing
C100367AOAN	shield Prospect	aluminium

4°		4000 K	2 m	17,8 klux
		445 kcd	5 m	4,5 klux
		4,39 klm	10 m	1,1 klux
		49W	20 m	178 lux
			50 m	45 lux
10°		4000 K	2 m	22,9 klux
		91,6 kcd	5 m	3,7 klux
		5,09 klm	10 m	917 lux
		53W	20 m	229 lux
			50 m	37 lux
30°		4000 K	1 m	17,0 klux
		17,0 kcd	2 m	4,3 klux
		4,92 klm	5 m	681 lux
		53W	10 m	170 lux
			20 m	43 lux
50°		4000 K	0,5 m	32,6 klux
		8,15 kcd	1 m	8,2 klux
		5,09 klm	2 m	2,0 klux
		53W	5 m	326 lux
			10 m	82 lux
35°x12°		4000 K	1 m	28,8 klux
		28,7 kcd	2 m	7,2 klux
		4,92 klm	5 m	1,2 klux
		53W	10 m	288 lux
			20 m	72 lux
12°x35°		4000 K	1 m	28,8 klux
		28,7 kcd	2 m	7,2 klux
		4,92 klm	5 m	1,2 klux
		53W	10 m	288 lux
			20 m	72 lux
80°		4000 K	0,5 m	14,8 klux
		3,70 kcd	1 m	3,7 klux
		5,03 klm	2 m	925 lux
		53W	5 m	148 lux
			10 m	37 lux

Codes

Prospect - 230VAC On/off

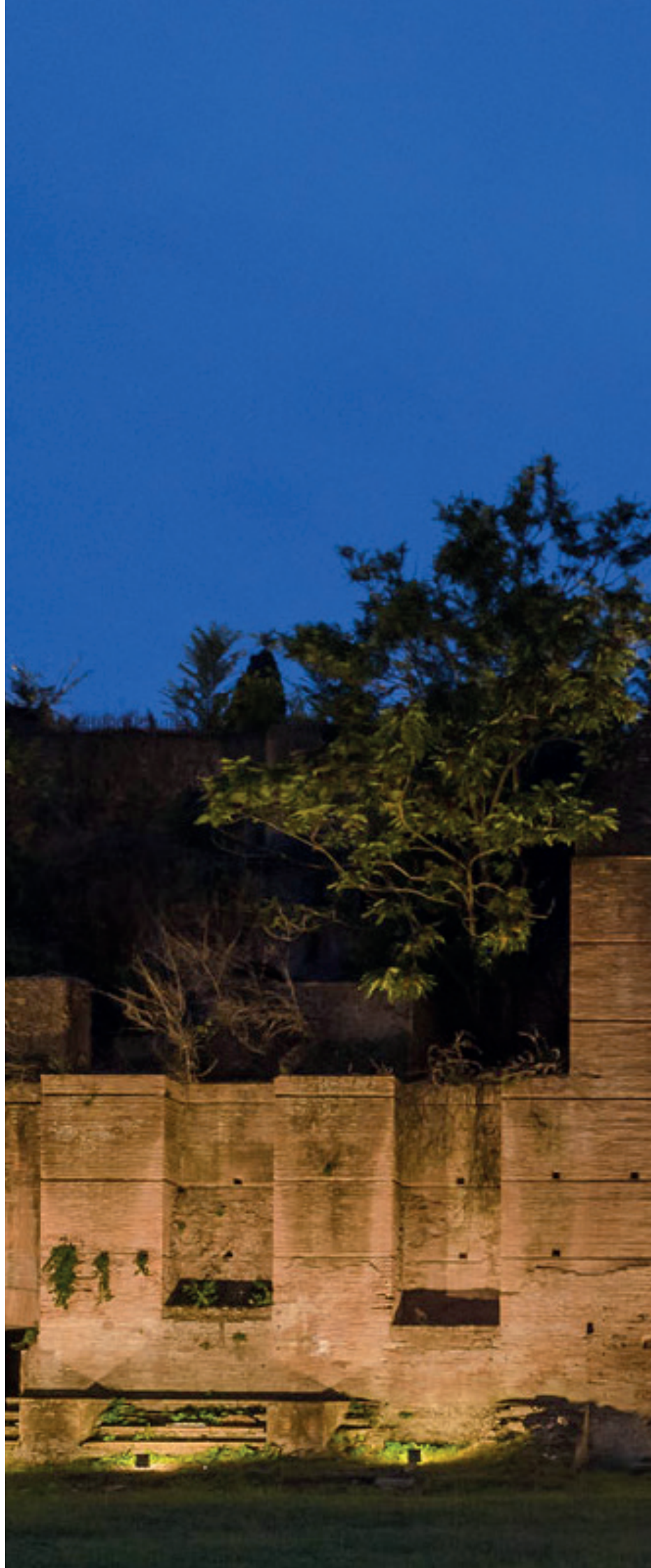
Prospect	PRT36PAX231	2200 K	SW	ultra narrow beam	(4°)	UN
		3000 K	WW	narrow beam	(10°)	NB
		4000 K	NW	medium beam	(30°)	MB
		6000 K	CW	wide beam	(50°)	WB
				horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Prospect - DMX-512A

Prospect	PRT36PAD231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
		RGBW	RW	vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Quadro

Caracalla thermal baths
Rome, Italy





Quadro

IP 66 and IP 67

Surface-mounted, adjustable projectors in machine-crafted aluminium alloy for precise accent, wall washing or general lighting, featuring high power LEDs. Power 6,5W (Quadro 4), 13W (Quadro 8), 19W (Quadro12). Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall- and floor-mounting in esthetically demanding architectural environments. Easy positioning and aiming devices. Installation-friendly. Remote power supply unit, regulator on board.



Quadro 4



Quadro 8

IP 66 and IP 67

Precise accent, wall washing or general lighting.

Remote power supply unit.

Power from 6,50 to 19 W.

Luminous flux from 861 to 2580 lm.

Excellent uniformity. Wide choice of outputs and optics to enhance volumes and details.



Quadro 12

Orientable projector

Adjustable projectors in machine-crafted aluminium alloy. Power 6,5W (Quadro 4), 13W (Quadro 8), 19W (Quadro 12). Six high-precision beam angles and four colour temperatures. Smart, sleek design, ideal for wall- and floor-mounting in esthetically demanding architectural environments. Remote power supply unit, regulator on board. Black anodized.



	Quadro 4	Quadro 8	Quadro 12
Input power	6,5 W	13 W	19 W
Source flux	860 lm	1720 lm	2585 lm
Source efficiency	142 lm/W	142 lm/W	142 lm/W
Delivered flux	645 lm	1290 lm	1940 lm
Delivered efficiency	101 lm/W	101 lm/W	101 lm/W
Net weight	0,7 Kg	0,9 Kg	1,4 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

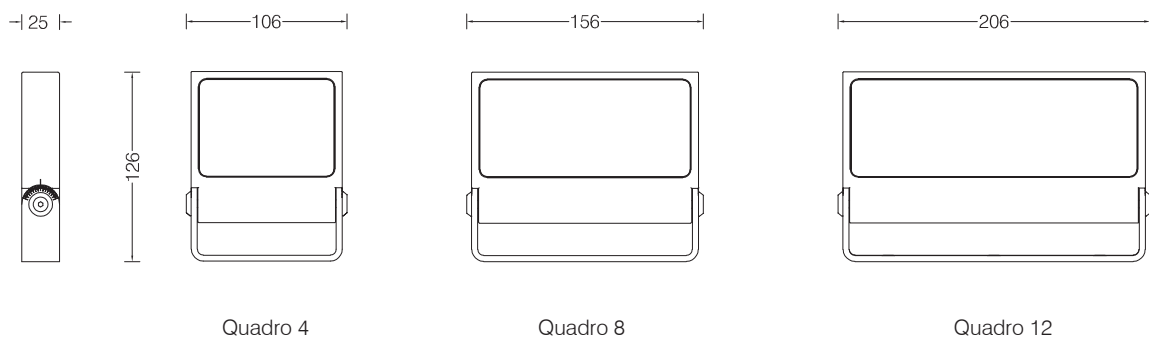
Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

Low voltage power cable length 0,8m

Dimensions (mm.)



Photometrics

		Quadro 4			Quadro 8			Quadro 12		
10°		4000 K	1 m	11,6 klux	4000 K	1 m	23,3 klux	4000 K	1 m	34,9 klux
		11,6 kcd	2 m	2,9 klux	23,2 kcd	2 m	5,8 klux	34,9 kcd	2 m	8,7 klux
		645,9 lm	5 m	466 lux	1,29 klm	5 m	931 lux	1,94 klm	5 m	1,4 klux
		6,5W	10 m	116 lux	13W	10 m	233 lux	19W	10 m	349 lux
			20 m	29 lux		20 m	58 lux		20 m	87 lux
30°		4000 K	0,2 m	54,0 klux	4000 K	0,5 m	17,3 klux	4000 K	0,5 m	25,9 klux
		2,16 kcd	0,5 m	8,6 klux	4,32 kcd	1 m	4,3 klux	6,48 kcd	1 m	6,5 klux
		624,1 lm	1 m	2,2 klux	1,25 klm	2 m	1,1 klux	1,87 klm	2 m	1,6 klux
		6,5W	2 m	540 lux	13W	5 m	173 lux	19W	5 m	259 lux
			5 m	86 lux		10 m	43 lux		10 m	65 lux
50°		4000 K	0,2 m	25,9 klux	4000 K	0,2 m	51,8 klux	4000 K	0,5 m	12,4 klux
		1,04 kcd	0,5 m	4,1 klux	2,07 kcd	0,5 m	8,3 klux	3,11 kcd	1 m	3,1 klux
		645,9 lm	1 m	1,0 klux	1,29 klm	1 m	2,1 klux	1,94 klm	2 m	776 lux
		6,5W	2 m	259 lux	13W	2 m	518 lux	19W	5 m	124 lux
			5 m	41 lux		5 m	83 lux		10 m	31 lux
35°x12°		4000 K	0,5 m	14,6 klux	4000 K	0,5 m	29,2 klux	4000 K	1 m	11,0 klux
		3,65 kcd	1 m	3,7 klux	7,31 kcd	1 m	7,3 klux	10,9 kcd	2 m	2,7 klux
		624,1 lm	2 m	914 lux	1,25 klm	2 m	1,8 klux	1,87 klm	5 m	439 lux
		6,5W	5 m	146 lux	13W	5 m	292 lux	19W	10 m	110 lux
			10 m	37 lux		10 m	73 lux		20 m	27 lux
12°x35°		4000 K	0,5 m	14,6 klux	4000 K	0,5 m	29,2 klux	4000 K	1 m	11,0 klux
		3,65 kcd	1 m	3,7 klux	7,31 kcd	1 m	7,3 klux	10,9 kcd	2 m	2,7 klux
		624,1 lm	2 m	914 lux	1,25 klm	2 m	1,8 klux	1,87 klm	5 m	439 lux
		6,5W	5 m	146 lux	13W	5 m	292 lux	19W	10 m	110 lux
			10 m	37 lux		10 m	73 lux		20 m	27 lux
80°		4000 K	0,2 m	11,8 klux	4000 K	0,2 m	23,5 klux	4000 K	0,2 m	35,3 klux
		470 cd	0,5 m	1,9 klux	940 cd	0,5 m	3,8 klux	1,41 kcd	0,5 m	5,6 klux
		638,6 lm	1 m	470 lux	1,28 klm	1 m	940 lux	1,92 klm	1 m	1,4 klux
		6,5W	2 m	118 lux	13W	2 m	235 lux	19W	2 m	353 lux
			5 m	19 lux		5 m	38 lux		5 m	56 lux

Codes

Quadro - 48 Vdc

Quadro 4	QDR04ABR048	2200 K	SW	narrow beam	(10°)	NB
Quadro 8	QDR08ABR048	3000 K	WW	medium beam	(30°)	MB
Quadro 12	QDR12ABR048	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions(mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Quadro 24

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for precise accent, wall washing or general lighting, featuring high power LEDs. Power 29W. Eight high-precision beam angles including four elliprical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall- and floor- mounting in esthetically demanding architectural environments. Easy positioning and aiming devices. Installation-friendly. Power supply unit on board.



	Quadro 24
Input power	29 W
Source flux	3745 lm
Source efficiency	151 lm/W
Delivered flux	2840 lm
Delivered efficiency	98 lm/W
Net weight	4,8 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

8°, 35°, 50°, 45°x8°, 8°x45°, 75°x40°, 40°x75°, 100°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

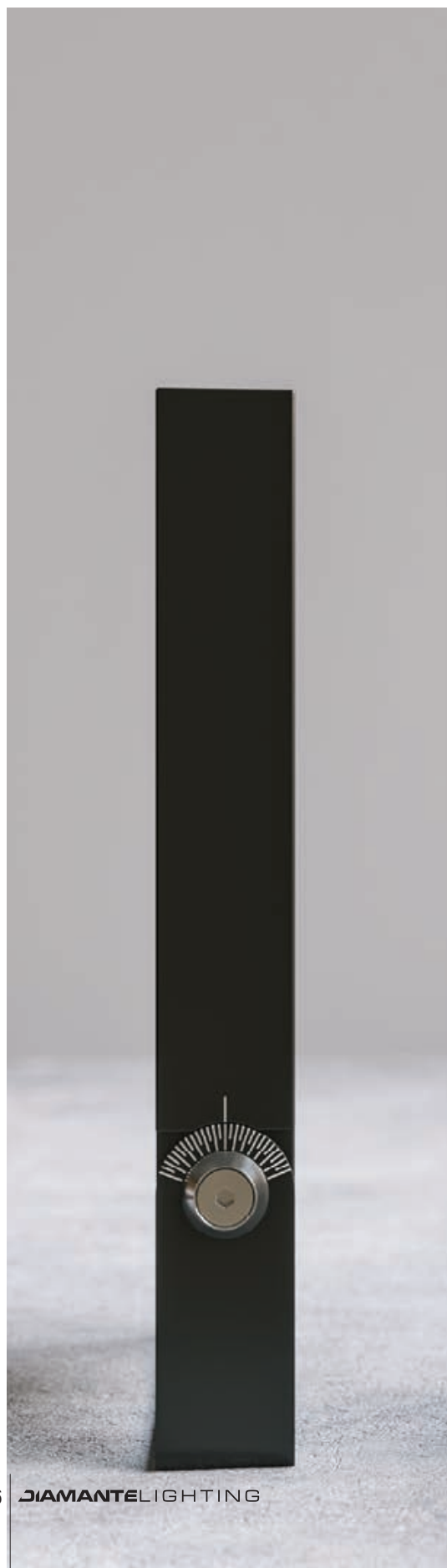
Die-cast aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

Power cable length 0,8m

Orientable projector

Quadro can be oriented from -70 to +70 degrees. Eight high-precision beam angles. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments.

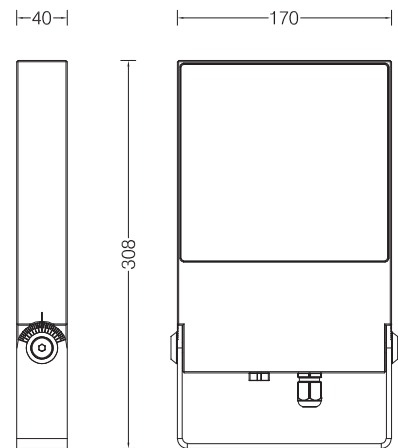


Heat sink

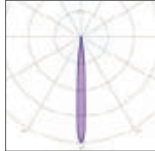
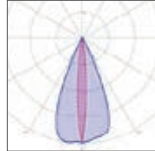
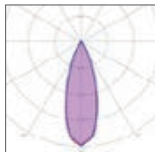
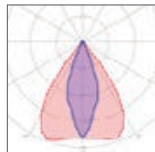
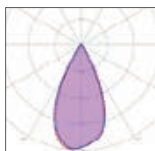
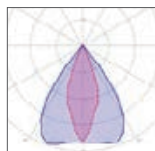
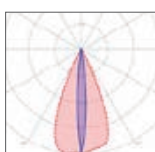
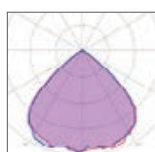
Power 29W, four light temperatures monochromatic white. The aluminium body was designed as an efficient heat sink to protect both the LEDs and the power supply unit on board.



Dimensions (mm.)



Photometrics

8°		4000 K	2 m	23,9 klux	8°x45°		4000 K	1 m	19,6 klux
		95,5 kcd	5 m	3,8 klux			19,6 kcd	2 m	4,9 klux
		2,84 klm	10 m	955 lux			2,84 klm	5 m	784 lux
		29W	20 m	239 lux			29W	10 m	196 lux
			50 m	38 lux				20 m	49 lux
35°		4000 K	0,5 m	28,3 klux	75°x40°		4000 K	0,5 m	17,7 klux
		7,08 kcd	1 m	7,1 klux			4,43 kcd	1 m	4,4 klux
		2,78 klm	2 m	1,8 klux			3,03 klm	2 m	1,1 klux
		29W	5 m	283 lux			29W	5 m	177 lux
			10 m	71 lux				10 m	44 lux
50°		4000 K	0,5 m	18,0 klux	40°x75°		4000 K	0,5 m	17,7 klux
		4,50 kcd	1 m	4,5 klux			4,43 kcd	1 m	4,4 klux
		2,81 klm	2 m	1,1 klux			3,03 klm	2 m	1,1 klux
		29W	5 m	180 lux			29W	5 m	177 lux
			10 m	45 lux				10 m	44 lux
45°x8°		4000 K	1 m	19,6 klux	100°		4000 K	0,2 m	38,7 klux
		19,6 kcd	2 m	4,9 klux			1,55 kcd	0,5 m	6,2 klux
		2,84 klm	5 m	784 lux			3,09 klm	1 m	1,5 klux
		29W	10 m	196 lux			29W	2 m	387 lux
			20 m	49 lux				5 m	62 lux

Codes

Quadro 24 - 230VAC On/off

Quadro 24	QDR24ABX231	2200 K	SW	narrow beam	(8°)	NB
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				horizontal wide	(75°x40°)	OW
				vertical wide	(40°x75°)	VW
				flood	(100°)	FL

Smalled

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for accent or general illumination, featuring high power LEDs. Power 6W. Four high-precision beam angles. Four colour temperatures from 2200K to 6000K. Easy positioning and aiming devices. Installation-friendly. Remote power supply unit.



	Smalled
Input power	6 W
Source flux	860 lm
Source efficiency	142 lm/W
Delivered flux	640 lm
Delivered efficiency	105 lm/W
Net weight	0,35 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

15°, 28°, 40°, 60°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

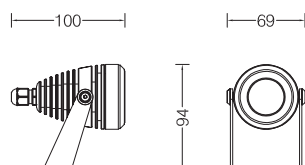
Construction

Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Low voltage power cable, length 0,8m

Dimensions (mm)



Photometrics

15°		4000 K	0,5 m	15,7 klux
		3,93 kcd	1 m	3,9 klux
		638,6 lm	2 m	981 lux
		6W	5 m	157 lux
			10 m	39 lux
28°		4000 K	0,2 m	49,2 klux
		1,97 kcd	0,5 m	7,9 klux
		624,1 lm	1 m	2,0 klux
		6W	2 m	492 lux
			5 m	79 lux
40°		4000 K	0,2 m	31,5 klux
		1,26 kcd	0,5 m	5,0 klux
		631,4 lm	1 m	1,3 klux
		6W	2 m	315 lux
			5 m	50 lux
60°		4000 K	0,2 m	18,6 klux
		742,7 cd	0,5 m	3,0 klux
		660,4 lm	1 m	743 lux
		6W	2 m	186 lux
			5 m	30 lux

Codes

Smalled - Constant current

Smalled	SML04ANS000	2200 K	SW	narrow beam	(15°)	NB
		3000 K	WW	medium beam	(28°)	MB
		4000 K	NW	wide beam	(40°)	WB
		6000 K	CW	flood	(60°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	IP	N. SML04
D300005NANT	On/off	220-240V AC	10W	500mA	20	1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	20	1-4

Sole

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for wall washing or general illumination, featuring one COB LED. Power 15W. Four high-precision beam angles including two elliptical distributions. Three colour temperatures 3000K, 4000K and 6000K. Easy positioning and aiming devices. Installation-friendly. Main voltage power supply.



	Sole
Input power	15 W
Source flux	1480 lm
Source efficiency	99 lm/W
Delivered flux	1135 lm
Delivered efficiency	76 lm/W
Net weight	0,9 Kg

IP rating

66 and 67

IK rating

10

Source type

COB LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 6000K

Beam angles

26°, 50°, 62°x27°, 27°x62°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

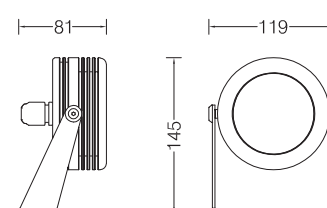
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Power cable, length 0,8m



Dimensions (mm)



Photometrics

26°		4000 K	0,5 m	10,9 klux
		2,71 kcd	1 m	2,7 klux
		1,13 klm	2 m	678 lux
		15W	5 m	109 lux
			10 m	27 lux
50°		4000 K	0,2 m	33,6 klux
		1,35 kcd	0,5 m	5,4 klux
		1,14 klm	1 m	1,3 klux
		15W	2 m	336 lux
62°x27°			5 m	54 lux
		4000 K	0,2 m	39,9 klux
		1,60 kcd	0,5 m	6,4 klux
		1,14 klm	1 m	1,6 klux
27°x62°		15W	2 m	399 lux
			5 m	64 lux
		4000 K	0,2 m	39,9 klux
		1,60 kcd	0,5 m	6,4 klux
		1,14 klm	1 m	1,6 klux
		15W	2 m	399 lux
			5 m	64 lux

Codes

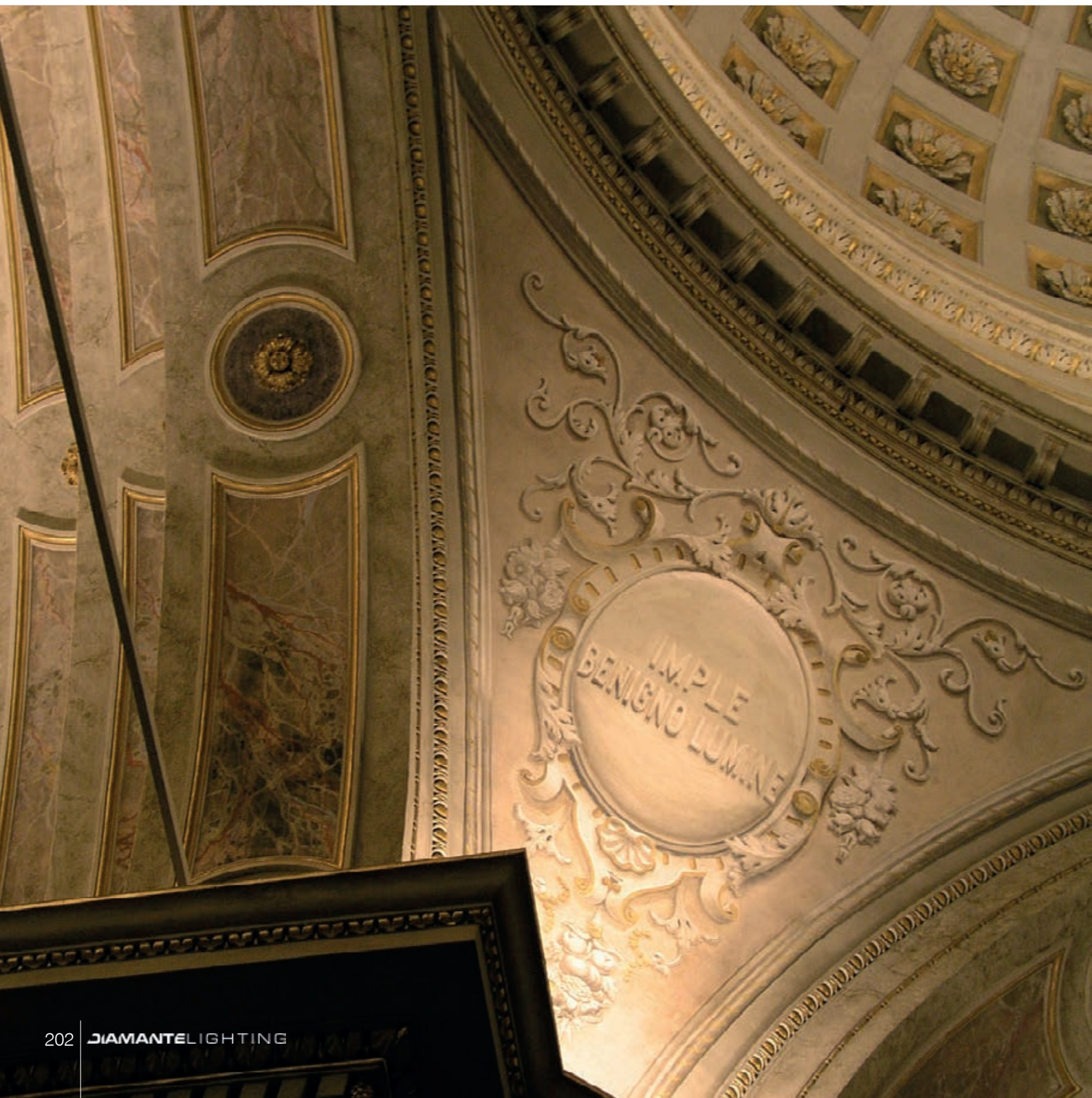
Sole - 230VAC On/off

Sole	SOL15ABX231	3000 K	WW	medium beam	(26°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(62°x27°)	ON
				vertical narrow	(27°x62°)	VN

Walled

IP 66 and IP 67

Surface-mounted, adjustable projector in machine-crafted aluminium alloy for accent or general illumination, featuring one high power LED. Power 1,5W. Four high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Easy positioning and aiming devices. Remote power supply unit.



	Walled
Input power	1,5 W
Source flux	215 lm
Source efficiency	142 lm/W
Delivered flux	155 lm
Delivered efficiency	102 lm/W
Net weight	0,12 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

12°, 35°, 45°x8°, 8°x45°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

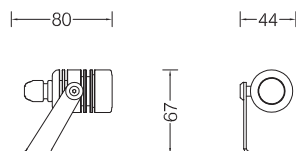
Construction

Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

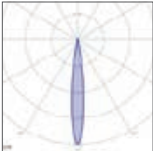
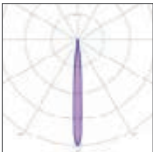
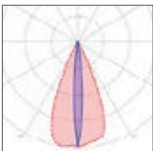
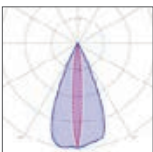
Connection

Low voltage power cable length 0,8m

Dimensions (mm)



Photometrics

12°		4000 K	0,5 m	10,3 Klux
		2,58 kcd	1 m	2,6 Klux
		154,2 lm	2 m	646 lux
		1,5W	5 m	103 lux
			10 m	26 lux
35°		4000 K	0,2 m	10,2 klux
		406,8 cd	0,5 m	1,6 klux
		159,6 lm	1 m	407 lux
		1,5W	2 m	102 lux
			5 m	16 lux
45°x8°		4000 K	0,2 m	28,2 klux
		1,13 kcd	0,5 m	4,5 klux
		163,3 lm	1 m	1,1 klux
		1,5W	2 m	282 lux
			5 m	45 lux
8°x45°		4000 K	0,2 m	28,2 klux
		1,13 kcd	0,5 m	4,5 klux
		163,3 lm	1 m	1,1 klux
		1,5W	2 m	282 lux
			5 m	45 lux

Codes

Walled - constant current

Walled	WAL01ANS000	2200 K	SW	narrow frosted	(12°)	NF
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	horizontal narrow	(45°x8°)	ON
		6000 K	CW	vertical narrow	(8°x45°)	VN

Accessories

Miscellaneous

Code	Description	Finishing
C100055ISSA	Spike	Aluminium

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

Control's power supply (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	IP	N. WAL01
D300013NANT	On/off	220-240V AC	6W	500mA	20	1-3
D300282NANT	DALI	220-240V AC	20W	300/1000mA	20	4-16

Q-wall

IP 66 and IP 67

Wall-mounted projectors in machine-crafted aluminium alloy for accent or general lighting, featuring high power LEDs. Power 6,5W (Q-wall 4), 13W (Q-wall 8), 19W (Q-wall 12). Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments. Remote power supply unit, regulator on board.



	Q-wall 4	Q-wall 8	Q-wall 12
Input power	6,5 W	13 W	19 W
Source flux	860 lm	1720 lm	2585 lm
Source efficiency	142 lm/W	142 lm/W	142 lm/W
Delivered flux	645 lm	1290 lm	1940 lm
Delivered efficiency	101 lm/W	101 lm/W	101 lm/W
Net weight	0,9 Kg	1,1 Kg	1,6 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Wall

Construction

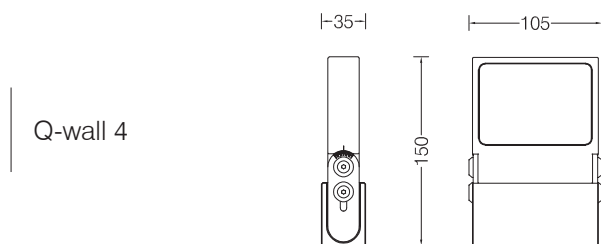
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

Low voltage power cable length 0,8m

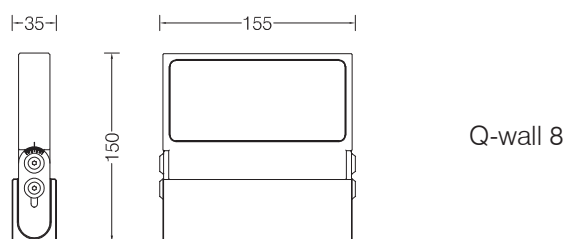


Dimensions (mm.)



Wall-mounted, adjustable projectors in machine-crafted aluminium alloy for precise accent, wall washing or general lighting, featuring four high power LEDs. Power 6,5W. Tempered glass cover. All Q-wall can be oriented vertically from -45 degrees to +45 degrees. Black anodized.

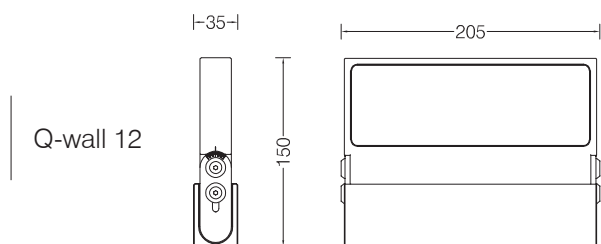
Dimensions (mm.)



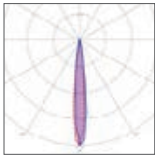
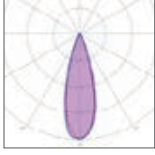
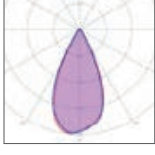
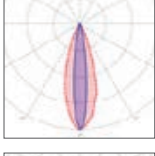
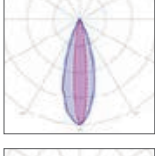
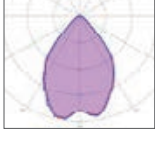
Smart, sleek design, for esthetically demanding architectural environments. Eight high power LEDs, power 13W. Easy positioning and precise aiming devices. Remote power supply unit, regulator on board.



Dimensions (mm.)



Twelve high power LEDs, power 19W, colour temperatures ranging from 2200K to 6000K, light beams for accent, grazing and wall washing illumination. Black anodized, other finishes on demand.

		Q-wall 4	Q-wall 8	Q-wall 12
10°		4000 K 1 m 11,6 klux 11,6 kcd 2 m 2,9 klux 645,9 lm 5 m 466 lux 6,5W 10 m 116 lux 20 m 29 lux	4000 K 1 m 23,3 klux 23,2 kcd 2 m 5,8 klux 1,29 klm 5 m 931 lux 13W 10 m 233 lux 20 m 58 lux	4000 K 1 m 34,9 klux 34,9 kcd 2 m 8,7 klux 1,94 klm 5 m 1,4 klux 19W 10 m 349 lux 20 m 87 lux
		4000 K 0.2 m 54,0 klux 2,16 kcd 0.5 m 8,6 klux 624,1 lm 1 m 2,2 klux 6,5W 2 m 540 lux 5 m 86 lux	4000 K 0.5 m 17,3 klux 4,32 kcd 1 m 4,3 klux 1,25 klm 2 m 1,1 klux 13W 5 m 173 lux 10 m 43 lux	4000 K 0.5 m 25,9 klux 6,48 kcd 1 m 6,5 klux 1,87 klm 2 m 1,6 klux 19W 5 m 259 lux 10 m 65 lux
		4000 K 0.2 m 25,9 klux 1,04 kcd 0.5 m 4,1 klux 645,9 lm 1 m 1,0 klux 6,5W 2 m 259 lux 5 m 41 lux	4000 K 0.2 m 51,8 klux 2,07 kcd 0.5 m 8,3 klux 1,29 klm 1 m 2,1 klux 13W 2 m 518 lux 5 m 83 lux	4000 K 0.5 m 12,4 klux 3,11 kcd 1 m 3,1 klux 1,94 klm 2 m 776 lux 19W 5 m 124 lux 10 m 31 lux
		4000 K 0.5 m 14,6 klux 3,65 kcd 1 m 3,7 klux 624,1 lm 2 m 914 lux 6,5W 5 m 146 lux 10 m 37 lux	4000 K 0.5 m 29,2 klux 7,31 kcd 1 m 7,3 klux 1,25 klm 2 m 1,8 klux 13W 5 m 292 lux 10 m 73 lux	4000 K 1 m 11,0 klux 10,9 kcd 2 m 2,7 klux 1,87 klm 5 m 439 lux 19W 10 m 110 lux 20 m 27 lux
		4000 K 0.5 m 14,6 klux 3,65 kcd 1 m 3,7 klux 624,1 lm 2 m 914 lux 6,5W 5 m 146 lux 10 m 37 lux	4000 K 0.5 m 29,2 klux 7,31 kcd 1 m 7,3 klux 1,25 klm 2 m 1,8 klux 13W 5 m 292 lux 10 m 73 lux	4000 K 1 m 11,0 klux 10,9 kcd 2 m 2,7 klux 1,87 klm 5 m 439 lux 19W 10 m 110 lux 20 m 27 lux
80°		4000 K 0.2 m 11,8 klux 470 cd 0.5 m 1,9 klux 638,6 lm 1 m 470 lux 6,5W 2 m 118 lux 5 m 19 lux	4000 K 0.2 m 23,5 klux 940 cd 0.5 m 3,8 klux 1,28 klm 1 m 940 lux 13W 2 m 235 lux 5 m 38 lux	4000 K 0.2 m 35,3 klux 1,41 kcd 0.5 m 5,6 klux 1,92 klm 1 m 1,4 klux 19W 2 m 353 lux 5 m 56 lux

Codes

Q-wall - 48 Vdc On/off

Q-wall 4	QDW04ABR048	2200 K	SW	narrow beam	(10°)	NB
Q-wall 8	QDW08ABR048	3000 K	WW	medium beam	(30°)	MB
Q-wall 12	QDW12ABR048	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Q-wall 24

IP 66 and IP 67

Surface-mounted projector in machine-crafted aluminium alloy for accent or general lighting, featuring high power LEDs. Power 29W. Eight high-precision beam angles including four elliptical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments. Installation-friendly. Power supply unit on board.



Q-wall 24

Input power	29 W
Source flux	3745 lm
Source efficiency	151 lm/W
Delivered flux	2840 lm
Delivered efficiency	98 lm/W
Net weight	4,8 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

8°, 35°, 50°, 45°x8°, 8°x45°, 75°x40°, 40°x75°, 100°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

Die-cast aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, pressure compensation valve

Connection

Power supply cable length 0,8m

Orientable projector

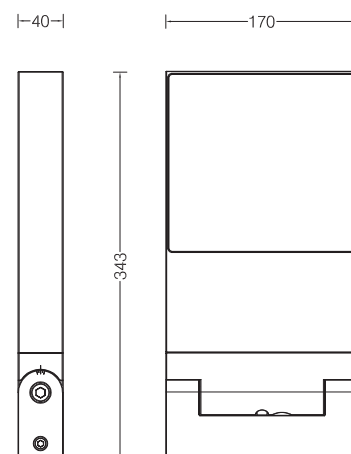
Q-wall 24 can be oriented from -10 to +10 degrees. Eight high-precision beam angles. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments.

Heat sink

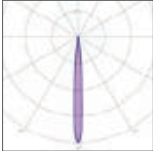
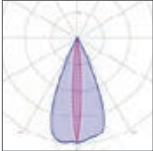
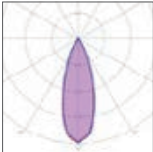
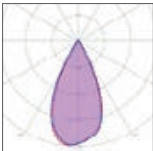
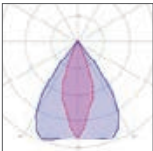
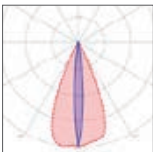
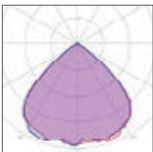
Power 29W, four light temperatures monochromatic white. The aluminium body was designed as an efficient heat sink to protect both the LEDs and the power supply unit on board.



Dimensions (mm.)



Photometrics

8°		4000 K	2 m	23,9 klux	8°x45°		4000 K	1 m	19,6 klux
		95,5 kcd	5 m	3,8 klux			19,6 kcd	2 m	4,9 klux
		2,84 klm	10 m	955 lux			2,84 klm	5 m	784 lux
		29W	20 m	239 lux			29W	10 m	196 lux
35°		4000 K	0,5 m	28,3 klux	75°x40°		4000 K	0,5 m	17,7 klux
		7,08 kcd	1 m	7,1 klux			4,43 kcd	1 m	4,4 klux
		2,78 klm	2 m	1,8 klux			3,03 klm	2 m	1,1 klux
		29W	5 m	283 lux			29W	5 m	177 lux
50°		4000 K	0,5 m	18,0 klux	40°x75°		4000 K	0,5 m	17,7 klux
		4,50 kcd	1 m	4,5 klux			4,43 kcd	1 m	4,4 klux
		2,81 klm	2 m	1,1 klux			3,03 klm	2 m	1,1 klux
		29W	5 m	180 lux			29W	5 m	177 lux
45°x8°		4000 K	1 m	19,6 klux	100°		4000 K	0,2 m	38,7 klux
		19,6 kcd	2 m	4,9 klux			1,55 kcd	0,5 m	6,2 klux
		2,84 klm	5 m	784 lux			3,09 klm	1 m	1,5 klux
		29W	10 m	196 lux			29W	2 m	387 lux
			20 m	49 lux				5 m	62 lux

Codes

Q-wall 24 - 230 VAC On/off

Q-wall 24	QDW24ABX231	2200 K	SW	narrow beam	(8°)	NB
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				vertical wide	(75°x40°)	OW
				horizontal wide	(40°x75°)	VW
				flood	(100°)	FL

Q-wall Up/down

IP 66 and IP 67

Wall-mounted projectors in machine-crafted aluminium alloy for direct and indirect lighting, featuring high power LEDs. Power 9W (Q-wall Up/down 4), 17,5W (Q-wall Up/down 8), 26W (Q-wall Up/down 12). Six beam angles including four elliprical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments. Installation-friendly. Remote power supply unit.



	Q-wall Up/down 4	Q-wall Up/down 8	Q-wall Up/down 12
Input power	9 W	17,5 W	26 W
Source flux	1250 lm	2495 lm	3745 lm
Source efficiency	151 lm/W	151 lm/W	151 lm/W
Delivered flux	935 lm	1870 lm	2810 lm
Delivered efficiency	107 lm/W	107 lm/W	107 lm/W
Net weight	0,9 Kg	1,5 Kg	1,8 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Wall

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

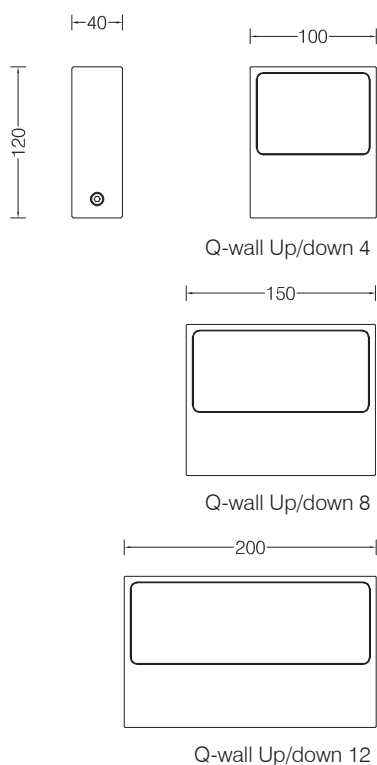
Low voltage power cable length 0,8m



Wall-mounted projectors for direct and indirect lighting, featuring high power LEDs. Power 9W (Q-wall Up/down 4), 17,5W (Q-wall Up/down 8), 26W (Q-wall Up/down 12). Six beam angles, four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall-mounting in esthetically demanding architectural environments. Remote power supply unit. Black anodized.

		Q-Wall Up/down 4	Q-Wall UP/down 8	Q-Wall UP/down 12
10°		4000 K 1 m 8,45 klux 8,4 kcd 2 m 2,1 klux 468,1 lm 5 m 338 lux 8,5W 10 m 85 lux 20 m 21 lux	4000 K 1 m 16,8 klux 16,8 kcd 2 m 4,2 klux 935 lm 5 m 650 lux 8,75W 10 m 169 lux 20 m 42 lux	4000 K 2 m 6,35 klux 25,3 kcd 5 m 1,0 klux 1,41 klm 10 m 253 lux 13W 20 m 63,5 lux 50 m 10 lux
		4000 K 0.5 m 6,25 klux 1,56 kcd 1 m 1,55 klux 452,3 lm 2 m 392 lux 8,5W 5 m 63 lux 10 m 16 lux	4000 K 0.5 m 12,5 klux 3,14 kcd 1 m 3,15 klux 905 lm 2 m 800 lux 8,75W 5 m 126 lux 10 m 32 lux	4000 K 0.5 m 18,8 klux 4,70 kcd 1 m 4,7 klux 1,36 klm 2 m 1,2 klux 13W 5 m 188 lux 10 m 47 lux
		4000 K 0.2 m 18,6 klux 750 cd 0.5 m 3,0 klux 468,1 lm 1 m 750 lux 8,5W 2 m 188 lux 5 m 30 lux	4000 K 0.5 m 6,0 klux 1,5 kcd 1 m 1,5 klux 935 lm 2 m 375 lux 8,75W 5 m 60 lux 10 m 15 lux	4000 K 0.5 m 9,0 klux 2,25 kcd 1 m 2,3 klux 1,40 klm 2 m 550 lux 13W 5 m 90 lux 10 m 23 lux
		4000 K 0.5 m 10,5 klux 2,65 kcd 1 m 2,65 klux 452,3 lm 2 m 650 lux 8,5W 5 m 106 lux 10 m 27 lux	4000 K 1 m 5,3 klux 5,3 kcd 2 m 1,3 klux 905 lm 5 m 212 lux 8,75W 10 m 53 lux 20 m 13 lux	4000 K 1 m 7,95 klux 7,95 kcd 2 m 2,0 klux 1,36 klm 5 m 318 lux 13W 10 m 79,5 lux 20 m 20 lux
		4000 K 0.5 m 10,5 klux 2,65 kcd 1 m 2,65 klux 452,3 lm 2 m 650 lux 8,5W 5 m 106 lux 10 m 27 lux	4000 K 1 m 5,3 klux 5,3 kcd 2 m 1,3 klux 905 lm 5 m 212 lux 8,75W 10 m 53 lux 20 m 13 lux	4000 K 1 m 7,95 klux 7,95 kcd 2 m 2,0 klux 1,36 klm 5 m 318 lux 13W 10 m 79,5 lux 20 m 20 lux
80°		4000 K 0.2 m 8,5 klux 340,6 cd 0.5 m 1,35 klux 462,8 lm 1 m 341 lux 8,5W 2 m 85 lux 5 m 14 lux	4000 K 0.2 m 17 klux 680 cd 0.5 m 2,7 klux 925 lm 1 m 1,4 klux 8,75W 2 m 700 lux 5 m 27 lux	4000 K 0.2 m 25,6 klux 1,02 kcd 0.5 m 4,1 klux 1,39 klm 1 m 1,0 klux 13W 2 m 256 lux 5 m 41 lux

Dimensions (mm.)



Codes

Q-wall Up/down - 24 to 48 Vdc On/off

Q-wall Up/down 4	QUD04ABR048	2200 K	SW	narrow beam	(10°)	NB
Q-wall Up/down 8	QUD08ABR048	3000 K	WW	medium beam	(30°)	MB
Q-wall Up/down 12	QUD12ABR048	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Twin





Twin

IP 66 and IP 67

Wall-mounted projectors in machine-crafted aluminium alloy for direct and indirect lighting, featuring high power LEDs. Power 8W (Twin 6) and 17W (Twin 14). Six beam angles including two elliprical distributions. Four colour temperatures from 2200K to 6000K. Smart, sleek design, ideal for wall- mounting in esthetically demanding architectural environments. Installation-friendly. Power supply unit on board.



	Twin 6	Twin 14
Input power	8 W	17 W
Source flux	935 lm	2185 lm
Source efficiency	151 lm/W	151 lm/W
Delivered flux	700 lm	1640 lm
Delivered efficiency	90 lm/W	96 lm/W
Net weight	1,7 Kg	3 Kg

IP rating

66 and 67

IK rating

08 Twin 6

10 Twin 14

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Wall

Construction

Twin 6: Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

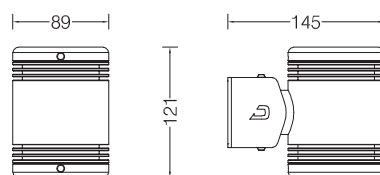
Twin 14: Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

Power supply cable length 0,8m



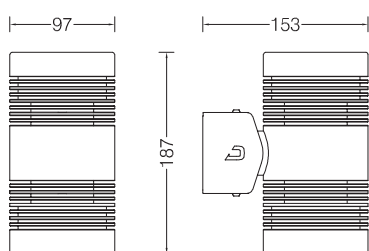
Dimensioni (mm.)



Twin 6

Wall-mounted projector for direct and indirect lighting, featuring 6 high power LEDs, power 8W. Six beam angles including two elliprical distributions. Four colour temperatures from 2200K to 6000K. Ideal for wall- mounting in esthetically demanding architectural environments. Power supply unit on board. Silver grey anodized.

Dimensions (mm.)



Twin 14

Direct and indirect light distribution featuring 14 high power LEDs, power 17W. Six beam angles for accent, grazing and general illumination. Colour temperatures ranging from 2200K to 6000K. Compact, elegant, powerful; power supply on board. Silver grey anodized. Highly efficient heat dissipation.



		Twin 6			Twin 14		
10°		4000 K	0.5 m	25,3 klux	4000 K	1 m	14,8 klux
		6,33 kcd	1 m	6,3 klux	14,7 kcd	2 m	3,7 klux
		351 lm	2 m	1,6 Klux	819,1 lm	5 m	590 lux
		4W	5 m	253 lux	8,5W	10 m	148 lux
			10 m	63 lux		20 m	37 lux
30°		4000 K	0.2 m	29,4 klux	4000 K	0.5 m	11,0 klux
		1,17 kcd	0.5 m	4,7 klux	2,74 kcd	1 m	2,7 klux
		339,2 lm	1 m	1,2 klux	791,5 lm	2 m	685 lux
		4W	2 m	294 lux	8,5W	5 m	110 lux
			5 m	47 lux		10 m	27 lux
50°		4000 K	0.2 m	14,1 klux	4000 K	0.2 m	32,8 klux
		562,5 cd	0.5 m	2,3 klux	1,31 kcd	0.5 m	5,3 klux
		351 lm	1 m	563 lux	819,1 lm	1 m	1,3 klux
		4W	2 m	141 lux	8,5W	2 m	328 lux
			5 m	23 lux		5 m	53 lux
35°x12°		4000 K	0.2 m	49,7 klux	4000 K	0.5 m	18,5 klux
		1,99 kcd	0.5 m	7,9 klux	4,64 kcd	1 m	4,6 klux
		339,2 lm	1 m	2,0 klux	791,5 lm	2 m	1,2 klux
		4W	2 m	497 lux	8,5W	5 m	185 lux
			5 m	79 lux		10 m	46 lux
12°x35°		4000 K	0.2 m	49,7 klux	4000 K	0.5 m	18,5 klux
		1,99 kcd	0.5 m	7,9 klux	4,64 kcd	1 m	4,6 klux
		339,2 lm	1 m	2,0 klux	791,5 lm	2 m	1,2 klux
		4W	2 m	497 lux	8,5W	5 m	185 lux
			5 m	79 lux		10 m	46 lux
80°		4000 K	0.2 m	6,4 klux	4000 K	0.2 m	14,9 klux
		255,4 cd	0.5 m	1,0 klux	596,0 cd	0.5 m	2,4 klux
		347,1 lm	1 m	255 lux	809,9 lm	1 m	596 lux
		4W	2 m	64 lux	8,5W	2 m	149 lux
			5 m	10 lux		5 m	24 lux

Codes

Twin - 230VAC On/off

Twin 6	TWN06ANX231	2200 K	SW	narrow beam	(10°)	NB
Twin 14	TWN14ANX231	3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Ghostbeam

El Barreno
Mexico City, Mexico

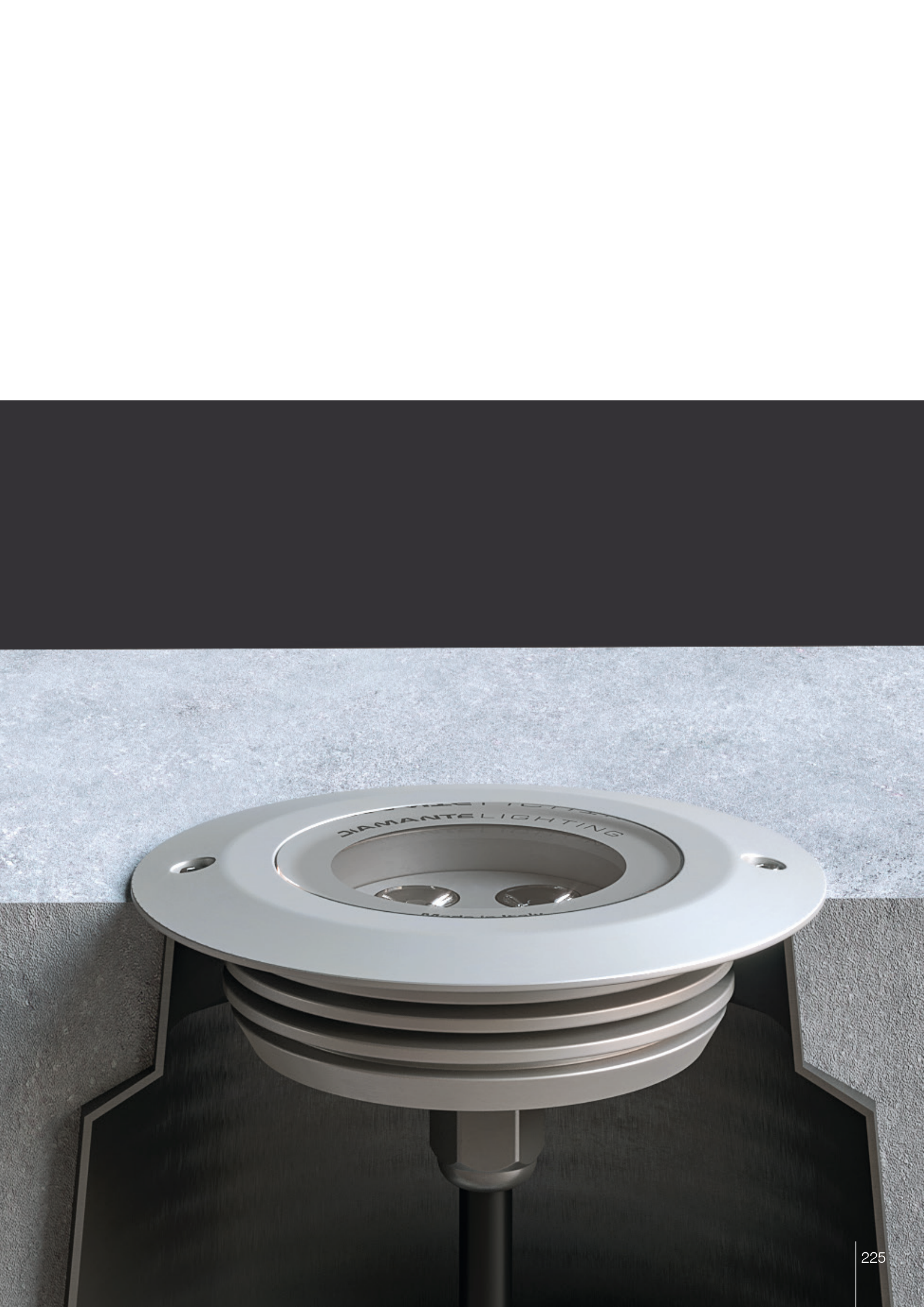




Ghostbeam

IP 66 and IP 67

In-ground-recessed luminaires in machine-crafted aluminium alloy for uplight illumination of facades, trees, urban and archeological landmarks, featuring high power LEDs. Sturdy construction, suitable for walk-over and drive-over. Power 6W (Ghostbeam 4), 10,5W (Ghostbeam 7) and 18,5W (Ghostbeam 18). Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K plus RGBW. Remote power supply unit. Control through remote device.





Ghostbeam 4

Extra flat, in-ground-recessed spot with four high power LEDs and 6W power. Remote power supply unit. Available with four colour temperatures and seven beam angles. Suitable for low-depth grounds. Recess box in stainless steel. IK 08, walk-over.

Ghostbeam 7

Construction in machine-crafted aluminium alloy, remote power supply unit, 7 high power LEDs, 10,5W, suitable for accent lighting, grazing and wall washing or for bushes and trees illumination in low-depth grounds. Recess box in stainless steel. IK 10, walk-over.

Ghostbeam 18

Suitable for low-depth grounds, compact and powerful, 18 high power LEDs and 18,5W. Wide range of beam angles and colour temperatures. Remote power supply unit. IK 10, walk-over.



	Ghostbeam 4	Ghostbeam 7	Ghostbeam 18
Input power	6 W	10,5 W	18,5 W
Source flux	860 lm	1505 lm	2810 lm
Source efficiency	142 lm/W	142 lm/W	151 lm/W
Delivered flux	645 lm	1130 lm	2105 lm
Delivered efficiency	107 lm/W	107 lm/W	113 lm/W
Net weight	0,6 Kg	0,7 Kg	1,3 Kg

IP rating

66 and 67

IK rating - static load

08 Ghostbeam 4 - walk-over

10 Ghostbeam 7 - walk-over

10 Ghostbeam 18 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, wall washer narrow, 80°

Light control

By remote device

Temperature limits

Working temperature: from -30°C to +55°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

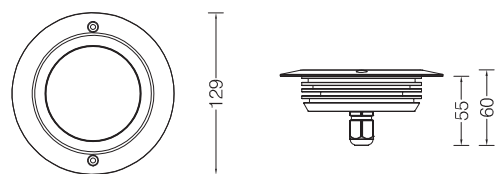
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

Connection

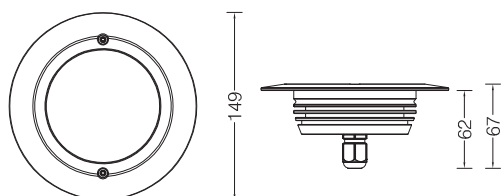
Mono Low voltage cable length 0,8m

RGBW Low voltage cable length 0,8m

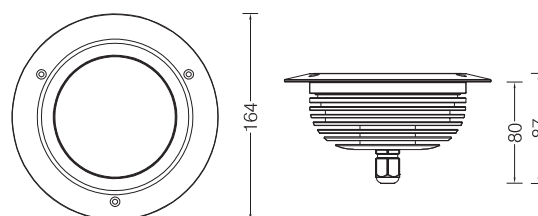
Dimensions (mm.)



Ghostbeam 4



Ghostbeam 7



Ghostbeam 18

Photometrics

		Ghostbeam 4			Ghostbeam 7			Ghostbeam 18		
10°		4000 K	1 m	11,6 klux	4000 K	1 m	20,4 klux	4000 K	1 m	38,0 klux
		11,6 kcd	2 m	2,9 klux	20,3 kcd	2 m	5,1 klux	37,9 kcd	2 m	9,5 klux
		646 lm	5 m	466 lux	1,13 klm	5 m	815 lux	2,11 klm	5 m	1,5 klux
		6W	10 m	116 lux	10,5W	10 m	204 lux	18,5W	10 m	380 lux
			20 m	29 lux		20 m	51 lux		20 m	95 lux
30°		4000 K	0.2 m	54,0 klux	4000 K	0.5 m	15,1 klux	4000 K	0.5 m	28,2 klux
		2,16 kcd	0.5 m	8,6 klux	3,78 kcd	1 m	3,8 klux	7,05 kcd	1 m	7,0 klux
		624,1 lm	1 m	2,2 klux	1,09 klm	2 m	946 lux	2,04 klm	2 m	1,8 klux
		6W	2 m	540 lux	10,5W	5 m	151 lux	18,5W	5 m	282 lux
			5 m	86 lux		10 m	38 lux		10 m	70 lux
50°		4000 K	0.2 m	25,9 klux	4000 K	0.2 m	45,3 klux	4000 K	0.5 m	13,5 klux
		1,04 kcd	0.5 m	4,1 klux	1,81 kcd	0.5 m	7,2 klux	3,38 kcd	1 m	3,4 klux
		646 lm	1 m	1,0 klux	1,13 klm	1 m	1,8 klux	2,11 klm	2 m	844 lux
		6W	2 m	259 lux	10,5W	2 m	453 lux	18,5W	5 m	135 lux
			5 m	41 lux		5 m	72 lux		10 m	34 lux
35°x12°		4000 K	0.5 m	14,6 klux	4000 K	0.5 m	25,6 klux	4000 K	1 m	11,9 klux
		3,65 kcd	1 m	3,7 klux	6,40 kcd	1 m	6,4 klux	11,9 kcd	2 m	3,0 klux
		624,1 lm	2 m	914 lux	1,09 klm	2 m	1,6 klux	2,04 klm	5 m	477 lux
		6W	5 m	146 lux	10,5W	5 m	256 lux	18,5W	10 m	119 lux
			10 m	37 lux		10 m	64 lux		20 m	30 lux
12°x35°		4000 K	0.5 m	14,6 klux	4000 K	0.5 m	25,6 klux	4000 K	1 m	11,9 klux
		3,65 kcd	1 m	3,7 klux	6,40 kcd	1 m	6,4 klux	11,9 kcd	2 m	3,0 klux
		624,1 lm	2 m	914 lux	1,09 klm	2 m	1,6 klux	2,04 klm	5 m	477 lux
		6W	5 m	146 lux	10,5W	5 m	256 lux	18,5W	10 m	119 lux
			10 m	37 lux		10 m	64 lux		20 m	30 lux
wall washer narrow		4000 K	0.2 m	53,7 klux	4000 K	0.5 m	15,0 klux	4000 K	0.5 m	28,0 klux
		2,15 kcd	0.5 m	8,6 klux	3,76 kcd	1 m	3,8 klux	7,01 kcd	1 m	7,0 klux
		624,1 lm	1 m	2,1 klux	1,09 klm	2 m	940 lux	2,04 klm	2 m	1,8 klux
		6W	2 m	537 lux	10,5W	5 m	150 lux	18,5W	5 m	280 lux
			5 m	86 lux		10 m	38 lux		10 m	70 lux
80°		4000 K	0.2 m	11,8 klux	4000 K	0.2 m	20,6 klux	4000 K	0.2 m	38,3 klux
		470 cd	0.5 m	1,9 klux	822,5 cd	0.5 m	3,3 klux	1,53 kcd	0.5 m	6,1 klux
		638,6 lm	1 m	470 lux	1,12 klm	1 m	823 lux	2,08 klm	1 m	1,5 klux
		6W	2 m	118 lux	10,5W	2 m	206 lux	18,5W	2 m	383 lux
			5 m	19 lux		5 m	33 lux		5 m	61 lux



Codes

Ghostbeam - constant current

Ghostbeam 4	GHB04ANS000	2200 K	SW	narrow beam	(10°)	NB
Ghostbeam 7	GHB07ANS000	3000 K	WW	medium beam	(30°)	MB
Ghostbeam 18	GHB18ANS000	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
		RGBW	RW	vertical narrow	(12°x35°)	VN
				wall washer narrow		A2
				flood	(80°)	FL

Accessories

Recessed box

Code	Description	Finishing
B600063IQNT	recessed box Ghostbeam 4 and Ghostbeam 7	stainless steel
F100037PCNT	recessed box Ghostbeam 4 and Ghostbeam 7	polycarbonate
B600064IQNT	recessed box Ghostbeam 18	stainless steel
F400038PCNT	recessed box Ghostbeam 18	polycarbonate

Controls monochromatic (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500726NANT	Dimmer CV DALI 4 output	12-48V DC	92x72x62	20

Controls RGB (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CV DMX 4 output	12-48V DC	92x72x62	20

Control's power supply (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	Dimensions (mm)	IP	N. GHB04	N. GHB07	N. GHB18
D300005NANT	On/off	220-240V AC	10W	500mA	75,3x39x22,2	20	1		
D300010NANT	On/off	220-240V AC	15W	500mA	125x38x23	20	1-2	1-2	
D300190NANT	On/off	220-240V AC	20W	350mA	125x38x23	20			1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	146,5x44x30	20	1-4	1-2	1

Ghostbeam C

Varone waterfall
Trento, Italy





Ghostbeam C

IP 66 and IP 67

In-ground-recessed luminaires in machine-crafted aluminium alloy for uplight illumination of facades, trees, urban and archeological landmarks, featuring high power LEDs. Sturdy construction, suitable for walk-over and drive-over. Power 5,5W (Ghostbeam 4C), 9W (Ghostbeam 7C) and 22W (Ghostbeam 18C). Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K and RGBW (Ghostbeam 18 only). Power supply unit on board.







Ghostbeam 4C

Compact, in-ground-recessed spot with four high power LEDs and 5,5W. Power supply unit on board. Available with four colour temperatures and seven beam angles. Recess box in stainless steel. IK 08, walk-over.



Ghostbeam 7C

Construction in machine-crafted aluminium alloy, power supply unit on board, 7 high power LEDs, 9W, suitable for accent lighting, grazing and wall washing or for bushes and trees illumination. Recess box in stainless steel. IK 10, walk-over.



Ghostbeam 18C

Compact and powerful, 18 high power LEDs and 22W. Wide range of beam angles and colour temperatures. Power supply unit on board. Recess box in stainless steel or polycarbonate. IK 10, walk-over.



	Ghostbeam 4C	Ghostbeam 7C	Ghostbeam 18C
Input power	5,5 W	9 W	22 W
Source flux	625 lm	1090 lm	2810 lm
Source efficiency	151 lm/W	151 lm/W	151 lm/W
Delivered flux	470 lm	820 lm	2105 lm
Delivered efficiency	90 lm/W	90 lm/W	96 lm/W
Net weight	0,9 Kg	1 Kg	2 Kg

IP rating

66 and 67

IK rating - static load

08 Ghostbeam 4C - walk-over

10 Ghostbeam 7C - walk-over

10 Ghostbeam 18C - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class II

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW (ghostbeam 18 only)

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, wall washer narrow, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

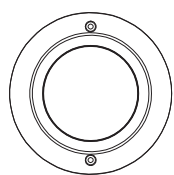
Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

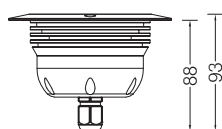
Connection

Power cable length 0,8m

Dimensions (mm.)

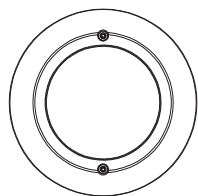


129

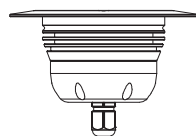


88
93

Ghostbeam 4C

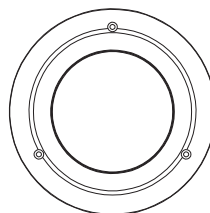


149

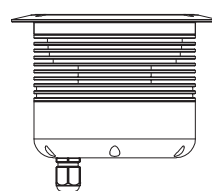


95
100

Ghostbeam 7C



164



135
141

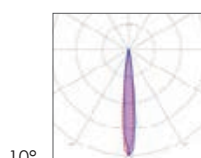
Ghostbeam 18C

Photometrics

Ghostbeam 4C

Ghostbeam 7C

Ghostbeam 18C

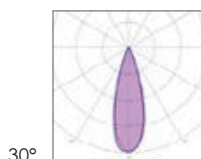


10°

4000 K	0.5 m	33,7 klux
8,43 kcd	1 m	8,4 klux
468,1 lm	2 m	2,1 klux
5,5W	5 m	337 lux
	10 m	84 lux

4000 K	1 m	14,8 klux
14,7 Kcd	2 m	3,7 klux
819,2 lm	5 m	590 lux
9W	10 m	148 lux
	20 m	37 lux

4000 K	1 m	38,0 klux
37,9 kcd	2 m	9,5 klux
2,11 klm	5 m	1,5 klux
22W	10 m	380 lux
	20 m	95 lux

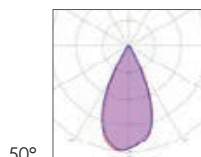


30°

4000 K	0.2 m	39,2 klux
750,1 cd	0.5 m	6,3 klux
468,1 lm	1 m	1,6 klux
5,5W	2 m	392 lux
	5 m	63 lux

4000 K	0.5 m	11,0 klux
2,74 kcd	1 m	2,7 klux
791,5 lm	2 m	685 lux
9W	5 m	110 lux
	10 m	27 lux

4000 K	0.5 m	28,2 klux
7,05 kcd	1 m	7,0 klux
2,04 klm	2 m	1,8 klux
22W	5 m	282 lux
	10 m	70 lux

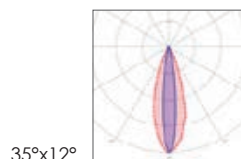


50°

4000 K	0.2 m	18,8 klux
750,1 cd	0.5 m	3,0 klux
468,1 lm	1 m	750 lux
5,5W	2 m	188 lux
	5 m	30 lux

4000 K	0.2 m	32,8 klux
1,31 kcd	0.5 m	5,3 klux
819,2 lm	1 m	1,3 klux
9W	2 m	328 lux
	5 m	53 lux

4000 K	0.5 m	13,5 klux
3,38 kcd	1 m	3,4 klux
2,11 klm	2 m	844 lux
22W	5 m	135 lux
	10 m	34 lux

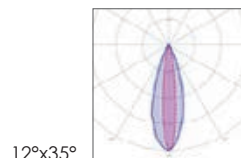


35°x12°

4000 K	0.5 m	10,6 klux
2,65 kcd	1 m	2,6 klux
452,3 lm	2 m	662 lux
5,5W	5 m	106 lux
	10 m	26 lux

4000 K	0.5 m	18,5 klux
4,64 kcd	1 m	4,6 klux
791,5 lm	2 m	1,2 klux
9W	5 m	185 lux
	10 m	46 lux

4000 K	1 m	11,9 klux
11,9 kcd	2 m	3,0 klux
2,04 klm	5 m	477 lux
22W	10 m	119 lux
	20 m	30 lux



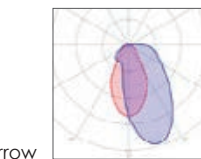
12°x35°

4000 K	0.5 m	10,6 klux
2,65 kcd	1 m	2,6 klux
452,3 lm	2 m	662 lux
5,5W	5 m	106 lux
	10 m	26 lux

4000K	0.5 m	18,5 klux
4640 cd	1 m	4,6 klux
792 lm	2 m	1,2 klux
9 W	5 m	185 lux
	10 m	46 lux

4000 K	1 m	11,9 klux
11,9 kcd	2 m	3,0 klux
2,04 klm	5 m	477 lux
22W	10 m	119 lux
	20 m	30 lux

wall washer narrow



80°

4000 K	0.2 m	8,5 klux
340,6 cd	0.5 m	1,4 klux
462,8 lm	1 m	341 lux
5,5W	2 m	85 lux
	5 m	14 lux

4000 K	0.2 m	14,9 klux
596 cd	0.5 m	2,4 klux
810 lm	1 m	596 lux
9W	2 m	149 lux
	5 m	24 lux

4000 K	0.2 m	38,3 klux
1,53 kcd	0.5 m	6,1 klux
2,08 klm	1 m	1,5 klux
22W	2 m	383 lux
	5 m	61 lux



Codes

Ghostbeam C - 230 VAC On/off

Ghostbeam 4C	GHB04ANX230	2200 K	SW	narrow beam	(10°)	NB
Ghostbeam 7C	GHB07ANX230	3000 K	WW	medium beam	(30°)	MB
Ghostbeam 18C	GHB18ANX230	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				wall washer narrow		A2
				flood	(80°)	FL

Ghostbeam C - 230 VAC DMX

Ghostbeam 18C	GHB18AND230	RGBW	RW	narrow beam	(10°)	NB
				medium beam	(30°)	MB
				wide beam	(50°)	WB
				horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				wall washer narrow		A2
				flood	(80°)	FL

Accessories

Recessed box

Code	Description	Finishing
B600063IQNT	recessed box Ghostbeam 4C and Ghostbeam 7C	stainless steel
F100036PCNT	recessed box Ghostbeam 4C and Ghostbeam 7C	polycarbonate
F400038PCNT	recessed box Ghostbeam 18C	polycarbonate

Passo

IP 66 and IP 67

Recessed spotlights in machined aluminum alloy equipped with COB (chip-on-board) type LEDs for ground lighting of facades, trees, urban and archaeological details. Sturdy construction, walkable. Powers from 9,5W to 30W.

Eight high-precision beam angles, including two elliptical and two asymmetrical emissions. Three color temperatures from 3000K to 5700K. Power supply on board.







Passo 10 /15 /20

In-ground recessed spot with one COB led, three power range, from 10W to 20W. Remote power supply unit, ideal for accent lighting on walls, trees, bushes. Construction in machine-crafted aluminium alloy, IK 08, walk-over.



Passo 30

The biggest of gamma. Wide range of beam angles, including a diffused distribution. Ideal for accent and grazing light, IK 08 walk over. Three colour temperature from 3000K to 5700K. Recessed box in stainless steel. Power 30W average source efficiency, 150 lm/W.



	Passo 10	Passo 15	Passo 20	Passo 30
Input power	9,5 W	13 W	19 W	30 W
Source flux	1550 lm	2145 lm	2985 lm	4975 lm
Source efficiency	189 lm/W	184 lm/W	174 lm/W	182 lm/W
Delivered flux	1050 lm	1450 lm	2015 lm	3365 lm
Delivered efficiency	115 lm/W	112 lm/W	106 lm/W	111 lm/W
Net weight	1,7 Kg	1,7 Kg	1,7 Kg	2,3 Kg

IP rating

66 and 67

IK rating

08

Source type

Chip on board

CRI

>80

MacAdam step

3

Source life time

>60.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

3000K, 4000K, 5700K

Beam angles

17°, 32°, 55°, 80°, 50°x30°, 30°x50°, wide wall washer, narrow wall washer

Light control

On/off control, no dimming

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

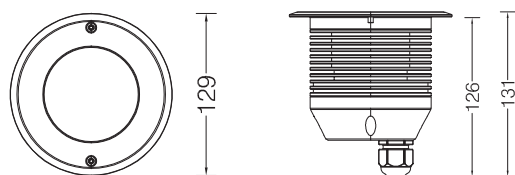
Construction

Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, stainless steel collar

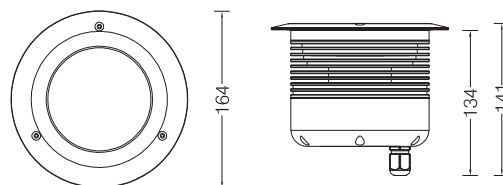
Connection

Power supply cable length 0,8m

Dimensions (mm.)



Passo 10/15/20



Passo 30

Photometrics

		Passo 10			Passo 15			Passo 20			Passo 30		
17°		4000 K	0,5 m	18,0 klux	4000 K	0,5 m	24,9 klux	4000 K	0,5 m	34,6 klux	4000 K	1 m	14,4 klux
		4,50 kcd	1 m	4,5 klux	6,22 kcd	1 m	6,2 klux	8,65 kcd	1 m	8,6 klux	14,4 kcd	2 m	3,6 klux
		677,1 lm	2 m	1,1 klux	936,2 lm	2 m	1,6 klux	1,30 klm	2 m	2,2 klux	2,17 klm	5 m	577 lux
		9,5W	5 m	180 lux	13W	5 m	249 lux	19W	5 m	346 lux	30W	10 m	144 lux
			10 m	45 lux		10 m	62 lux		10 m	86 lux		20 m	36 lux
32°		4000 K	0,2 m	43,4 klux	4000 K	0,2 m	60,0 klux	4000 K	0,5 m	13,3 klux	4000 K	0,5 m	22,2 klux
		1,73 kcd	0,5 m	6,9 klux	2,40 kcd	0,5 m	9,6 klux	3,33 kcd	1 m	3,3 klux	5,56 kcd	1 m	5,6 klux
		1,05 klm	1 m	1,7 klux	1,45 klm	1 m	2,4 klux	2,02 klm	2 m	833 lux	3,36 klm	2 m	1,4 klux
		9,5W	2 m	434 lux	13W	2 m	600 lux	19W	5 m	133 lux	30W	5 m	222 lux
			5 m	69 lux		5 m	96 lux		10 m	33 lux		10 m	56 lux
55°		4000 K	0,2 m	27,0 klux	4000 K	0,2 m	37,4 klux	4000 K	0,2 m	52,0 klux	4000 K	0,5 m	13,9 klux
		1,08 kcd	0,5 m	4,3 klux	1,50 kcd	0,5 m	6,0 klux	2,08 kcd	0,5 m	8,3 klux	3,47 kcd	1 m	3,5 klux
		1,13 klm	1 m	1,1 klux	1,56 klm	1 m	1,5 klux	2,17 klm	1 m	2,1 klux	3,62 klm	2 m	867 lux
		9,5W	2 m	270 lux	13W	2 m	374 lux	19W	2 m	520 lux	30W	5 m	139 lux
			5 m	43 lux		5 m	60 lux		5 m	83 lux		10 m	35 lux
50°x30°		4000 K	0,2 m	37,8 klux	4000 K	0,2 m	52,2 klux	4000 K	0,5 m	11,6 klux	4000 K	0,5 m	19,4 klux
		1,51 kcd	0,5 m	6,0 klux	2,09 kcd	0,5 m	8,4 klux	2,90 kcd	1 m	2,9 klux	4,85 kcd	1 m	4,8 kLux
		1,09 klm	1 m	1,5 klux	1,51 klm	1 m	2,1 klux	2,09 klm	2 m	726 lux	3,49 klm	2 m	1,2 klux
		9,5W	2 m	378 lux	13W	2 m	522 lux	19W	5 m	116 lux	30W	5 m	194 lux
			5 m	60 lux		5 m	84 lux		10 m	29 lux		10 m	48 lux
30°x50°		4000 K	0,2 m	37,8 klux	4000 K	0,2 m	52,2 klux	4000 K	0,5 m	11,6 klux	4000 K	0,5 m	19,4 klux
		1,51 kcd	0,5 m	6,0 klux	2,09 kcd	0,5 m	8,4 klux	2,90 kcd	1 m	2,9 klux	4,85 kcd	1 m	4,8 kLux
		1,09 klm	1 m	1,5 klux	1,51 klm	1 m	2,1 klux	2,09 klm	2 m	726 lux	3,49 klm	2 m	1,2 klux
		9,5W	2 m	378 lux	13W	2 m	522 lux	19W	5 m	116 lux	30W	5 m	194 lux
			5 m	60 lux		5 m	84 lux		10 m	29 lux		10 m	48 lux
wall washer narrow		4000 K	0,2 m	21,6 klux	4000K	0,2 m	29,8 klux	4000 K	0,2 m	41,5 klux	4000 K	0,5 m	11,1 klux
		863,5 cd	0,5 m	3,5 klux	1,19 Kcd	0,5 m	4,8 klux	1,66 kcd	0,5 m	6,6 klux	2,77 kcd	1 m	2,8 klux
		1,10 klm	1 m	864 lux	1,52 klm	1 m	1,2 klux	2,12 klm	1 m	1,7 klux	3,53 klm	2 m	692 lux
		9,5W	2 m	216 lux	13W	2 m	298 lux	19W	2 m	415 lux	30W	5 m	111 lux
			5 m	35 lux		5 m	48 lux		5 m	66 lux		10 m	28 lux
wall washer wide		4000 K	0,2 m	23,7 klux	4000 K	0,2 m	32,8 klux	4000K	0,2 m	45,6 klux	4000 K	0,5 m	12,2 klux
		949,8 cd	0,5 m	3,8 klux	1,31 kcd	0,5 m	5,3 klux	1,83 Kcd	0,5 m	7,3 klux	3,05 kcd	1 m	3,0 klux
		1,10 klm	1 m	950 lux	1,52 klm	1 m	1,3 Klux	2,12 Klm	1 m	1,8 klux	3,53 klm	2 m	761 lux
		9,5W	2 m	237 lux	13W	2 m	328 lux	19 W	2 m	456 lux	30W	5 m	122 lux
			5 m	38 lux		5 m	53 lux		5 m	73 lux		10 m	30 lux
80°		4000 K	0,2 m	16,8 klux	4000 K	0,2 m	23,3 Klux	4000 K	0,2 m	32,3 klux	4000 K	0,2 m	54,0 klux
		673,2 cd	0,5 m	2,7 klux	930,8 cd	0,5 m	3,7 Klux	1,29 kcd	0,5 m	5,2 klux	2,16 kcd	0,5 m	8,6 klux
		1,13 klm	1 m	673 lux	1,56 klm	1 m	931 lux	2,17 klm	1 m	1,3 klux	3,62 klm	1 m	2,2 klux
		9,5W	2 m	168 lux	13W	2 m	233 lux	19W	2 m	323 lux	30W	2 m	540 lux
			5 m	27 lux		5 m	37 lux		5 m	52 lux		5 m	86 lux

Codes

Passo - 230 VAC On/off

Passo 10	PAS10ANX231	3000 K	WW	narrow beam	(17°)	NB
Passo 15	PAS15ANX231	4000 K	NW	medium beam	(32°)	MB
Passo 20	PAS20ANX231	5700 K	CW	wide beam	(55°)	WB
Passo 30	PAS30ANX231			horizontal narrow	(50°x30°)	ON
				vertical narrow	(30°x50°)	VN
				wall washer wide		A1
				wall washer narrow		A2
				flood	(80°)	FL

Accessories

Recessed box

Code	Description	Finishing
B600063IQNT	recessed box Passo 10/15/20	stainless steel
F100036PCNT	recessed box Passo 10/15/20	polycarbonate
F400038PCNT	recessed box Passo 30	polycarbonate

Square





Square

IP 66 and 67

Wall and in-ground-recessed luminaires, body in machine-crafted aluminium alloy for accent or general illumination of bushes, trees, small facades, stairs, featuring high power LEDs. Sturdy construction, IK 08, suitable for walk-over. Power 1,5W (Square 1) and 4,5W (Square 3). Five high-precision beam angles including two elliptical distributions (Square 1) and seven high-precision beam angles including two elliptical distributions (Square 3). Four colour temperatures from 2200K to 6000K. Remote power supply unit. Control through remote device.







Square 1

In-ground recessed spot with square collar for accent light, one high power LED, 1,5W and 210 lm. Remote power supply unit, ideal for accent lighting on walls, trees, bushes. Construction in machine-crafted aluminium alloy, IK 08, walk-over.



Square 3

Wide range of beam angles, including a diffused distribution. Ideal for accent and grazing light, IK 08, walk-over. Four colour temperatures from 2200K to 6000K. Recess box in stainless steel. Power 4,5W; 645 lm.



	Square 1	Square 3
Input power	1,5 W	4,5 W
Source flux	210 lm	645 lm
Source efficiency	139 lm/W	142 lm/W
Delivered flux	155 lm	485 lm
Delivered efficiency	102 lm/W	107 lm/W
Net weight	0,1 Kg	0,3 Kg

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

Square 1: 12°, 35°, 45°x8°, 8°x45°, 120° opal resin

Square 3: 10°, 30°, 50°, 12°x35°, 35°x12°, 80°, 120° opal resin

Light control

By remote device

Temperature limits

Working temperature: from -30°C to +55°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

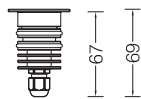
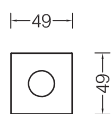
Ground-recessed

Construction

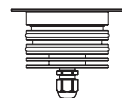
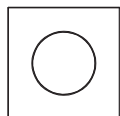
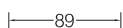
Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, anodized aluminium alloy or stainless steel collar

Connection

Low voltage cable length 0,8m

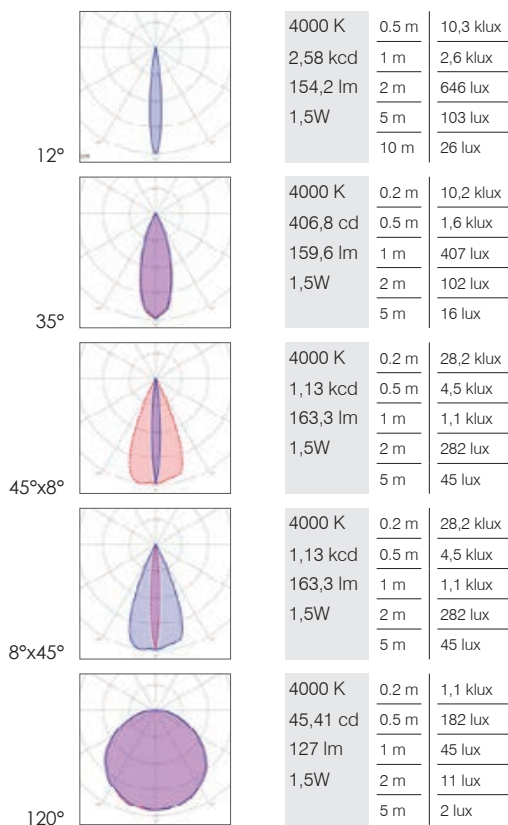


Square 1

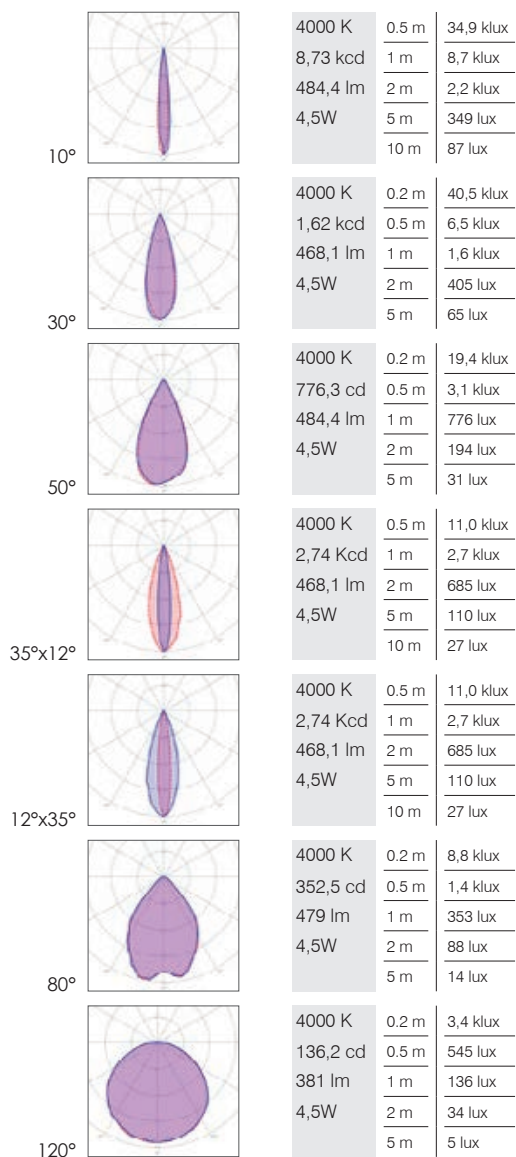


Square 3

Square 1



Square 3





Codes

Square 1 - constant current

Square 1	SQL01ANS000	2200 K	SW	Narrow frosted	(12°)	NF
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				Opal resin	(120°)	OD

Square 3 - constant current

Square 3	SQL03ANS000	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL
				Opal resin	(120°)	OD

Accessories

Recessed box

Code	Description	Finishing
C600189ISNT	recessed box Square 1	stainless steel
C600285PCNT	recessed box Square 1	polycarbonate
C600188ISNT	recessed box Square 3	stainless steel
C600256PCNT	recessed box Square 3	polycarbonate

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

Control's power supply (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	Dimensions (mm)	IP	N. SQL01	N. SQL03
D300013NANT	On/off	220-240V AC	6W	500mA	76x32x22	20	1-2	1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	146,5x44x30	20	4-16	2-5

Square 3C

IP 66 and IP 67

Wall- and in-ground-recessed luminaire, body in machine-crafted aluminium alloy for accent or general illumination of bushes, trees, small facades, stairs, featuring high power LEDs. Sturdy construction, IK 08, suitable for walk-over. Power 4W. Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Power supply unit on board.



	Square 3C
Input power	4 W
Source flux	470 lm
Source efficiency	151 lm/W
Delivered flux	350 lm
Delivered efficiency	90 lm/W
Net weight	0,45 Kg

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°, 120°opal resin

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

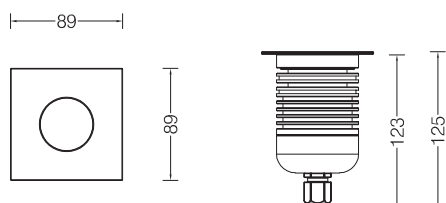
Construction

Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, anodized aluminium alloy or stainless steel collar

Connection

Power cable length 0,8m

Dimensions (mm.)



Photometrics

10°		4000 K	0,5 m	25,3 klux
		6,33 kcd	1 m	6,3 klux
		351 lm	2 m	1,6 Klux
		4W	5 m	253 lux
			10 m	63 lux
30°		4000 K	0,2 m	29,4 klux
		1,17 kcd	0,5 m	4,7 klux
		339,2 lm	1 m	1,2 klux
		4W	2 m	294 lux
			5 m	47 lux
50°		4000 K	0,2 m	14,1 klux
		562,5 cd	0,5 m	2,3 klux
		351 lm	1 m	563 lux
		4W	2 m	141 lux
			5 m	23 lux
35°x12°		4000 K	0,2 m	49,7 klux
		1,99 kcd	0,5 m	7,9 klux
		339,2 lm	1 m	2,0 klux
		4W	2 m	497 lux
			5 m	79 lux
12°x35°		4000 K	0,2 m	49,7 klux
		1,99 kcd	0,5 m	7,9 klux
		339,2 lm	1 m	2,0 klux
		4W	2 m	497 lux
			5 m	79 lux
80°		4000 K	0,2 m	6,4 klux
		255,4 cd	0,5 m	1,0 klux
		347,1 lm	1 m	255 lux
		4W	2 m	64 lux
			5 m	10 lux
120°		4000 K	0,2 m	2,5 klux
		98,72 cd	0,5 m	395 lux
		276,1 lm	1 m	99 lux
		4W	2 m	25 lux
			5 m	4 lux

Codes

Square 3C - 230VAC On/off

Square 3C	SQE03ANX231	2200 K	SW	Narrow frosted	(10°)	NF
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	Horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL
				opal diffused	(120°)	OD

Accessories

Recessed box

Code	Description	Finishing
C600257ISNT	recessed box Square 3C	stainless steel
C600271PCNT	recessed box Square 3C	polycarbonate

Stepled





Stepled

IP 66 and 67

Wall- and in-ground-recessed luminaires, body in machine-crafted aluminium alloy for accent or general illumination of bushes, trees, small facades, stairs, featuring high power LEDs. Power 1,5W (Stepled 1) and 4,5W (Stepled 3). Sturdy construction, IK 08, suitable for walk-over. Five high-precision beam angles including two elliptical distributions (Stepled 1) and seven high-precision beam angles including two elliptical distributions (Stepled 3). Four colour temperatures from 2200K to 6000K. Remote power supply unit. Control through remote device.







Stepled 1

In-ground-recessed spot with round collar for accent light, one high power LED, 1,5W and 210 lm. Remote power supply unit, ideal for accent lighting on walls, trees, bushes. Construction in machine-crafted aluminium alloy. IK 08, walk-over.



Stepled 3

Wide range of beam angles, including a diffused distribution. Ideal for accent and grazing light, IK 08, walk-over. Four colour temperatures from 2200K to 6000K. Recess box in stainless steel. Power 4,5W; 645 lm.



	Stepped 1	Stepped 3
Input power	1,5 W	4,5 W
Source flux	210 lm	645 lm
Source efficiency	139 lm/W	142 lm/W
Delivered flux	155 lm	485 lm
Delivered efficiency	102 lm/W	107 lm/W
Net weight	0,1 Kg	0,3 Kg

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

Stepped 1: 12°, 35°, 45°x8°, 8°x45°, 120° opal resin

Stepped 3: 10°, 30°, 50°, 12°x35°, 35°x12°, 80°, 120° opal resin

Light control

By remote device

Temperature limits

Working temperature: from -30°C to +55°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

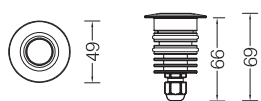
Ground-recessed

Construction

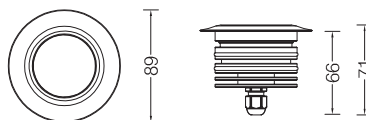
Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, anodized aluminium alloy or stainless steel collar

Connection

Low voltage cable length 0,8m

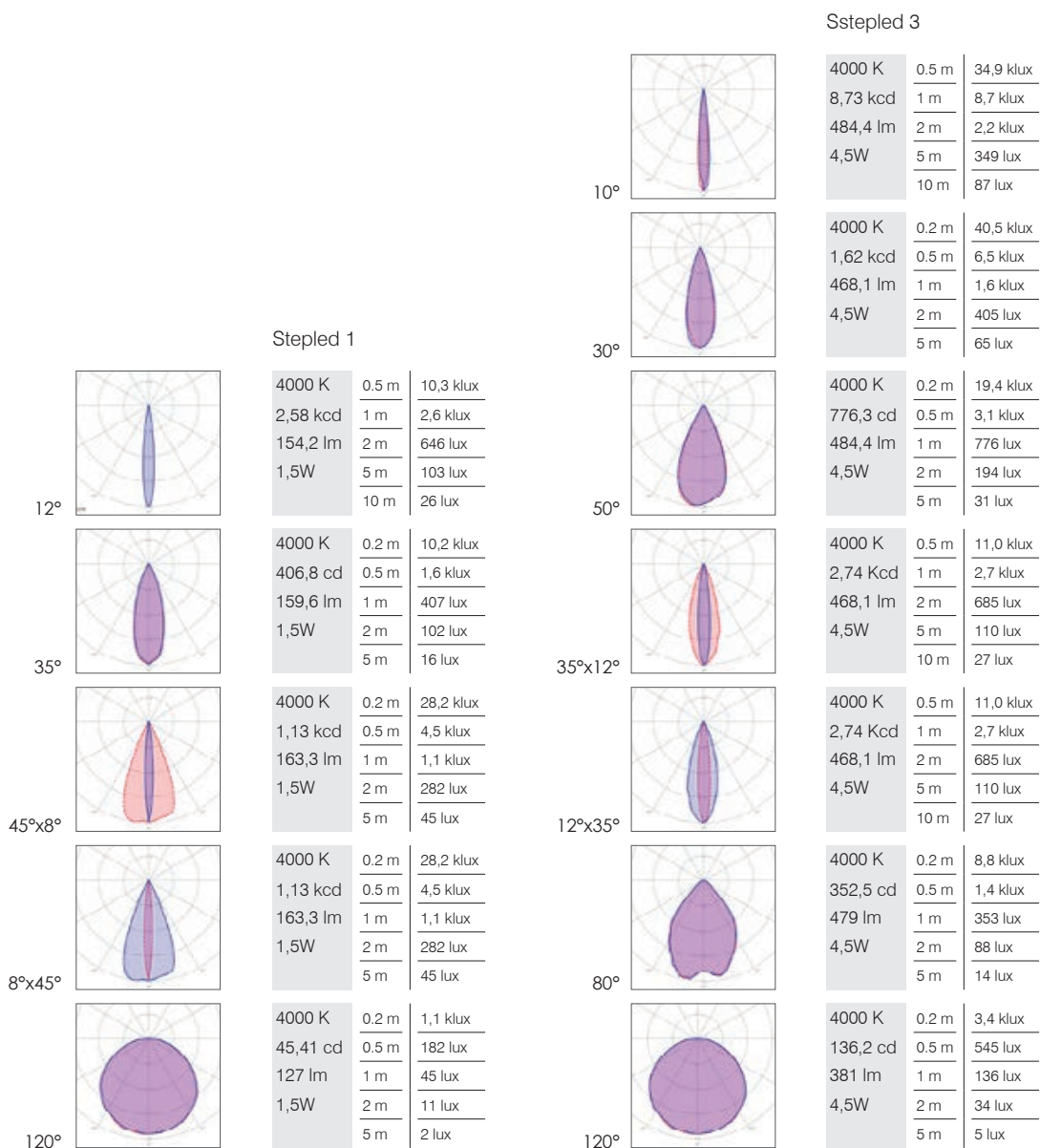


Stepled 1



Stepled 3

Photometrics





Codes

Stepped 1 - constant current

Stepped 1	STL01ANS000	2200 K	SW	narrow frosted	(12°)	NF
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
				vertical narrow	(8°x45°)	VN
				opal resin	(120°)	OD

Stepped 3 - constant current

Stepped 3	STL03ANS000	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL
				opal resin	(120°)	OD

Accessories

Recessed box

Code	Description	Finishing
C600189ISNT	recessed box Stepped 1	stainless steel
C600285PCNT	recessed box Stepped 1	polycarbonate
C600188ISNT	recessed box Stepped 3	stainless steel
C600256PCNT	recessed box Stepped 3	polycarbonate

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

Control's power supply (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	Dimensions (mm)	IP	N. STL01	N. STL03
D300013NANT	On/off	220-240V AC	6W	500mA	76x32x22	20	1-2	1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	146,5x44x30	20	4-16	2-5

Stepled C

IP 66 and IP 67

Wall- and in-ground-recessed luminaire, body in machine-crafted aluminium alloy for accent or general illumination of bushes, trees, small facades, stairs, featuring high power LEDs. Power 4W. Sturdy construction, IK 08, suitable for walk-over. Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Power supply unit on board.



	Stepled 3C
Input power	4 W
Source flux	470 lm
Source efficiency	151 lm/W
Delivered flux	350 lm
Delivered efficiency	90 lm/W
Net Net weight	0,45 Kg

IP rating

66 and 67

IK rating - static load

08 - walk-over

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°, 120° opal resin

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

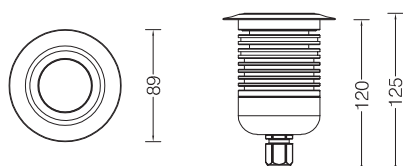
Construction

Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector, anodized aluminium alloy or stainless steel collar

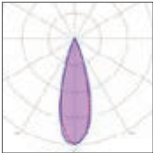
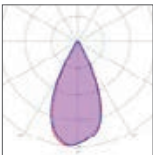
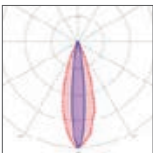
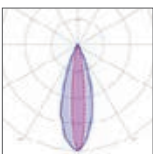
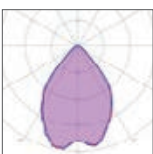
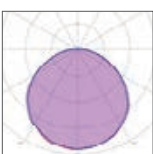
Connection

Power cable length 0,8m

Dimensions (mm.)



Photometrics

10°		4000 K	0,5 m	25,3 klux
		6,33 kcd	1 m	6,3 klux
		351 lm	2 m	1,6 Klux
		4W	5 m	253 lux
			10 m	63 lux
30°		4000 K	0,2 m	29,4 klux
		1,17 kcd	0,5 m	4,7 klux
		339,2 lm	1 m	1,2 klux
		4W	2 m	294 lux
			5 m	47 lux
50°		4000 K	0,2 m	14,1 klux
		562,5 cd	0,5 m	2,3 klux
		351 lm	1 m	563 lux
		4W	2 m	141 lux
			5 m	23 lux
35°x12°		4000 K	0,2 m	49,7 klux
		1,99 kcd	0,5 m	7,9 klux
		339,2 lm	1 m	2,0 klux
		4W	2 m	497 lux
			5 m	79 lux
12°x35°		4000 K	0,2 m	49,7 klux
		1,99 kcd	0,5 m	7,9 klux
		339,2 lm	1 m	2,0 klux
		4W	2 m	497 lux
			5 m	79 lux
80°		4000 K	0,2 m	6,4 klux
		255,4 cd	0,5 m	1,0 klux
		347,1 lm	1 m	255 lux
		4W	2 m	64 lux
			5 m	10 lux
120°		4000 K	0,2 m	2,5 klux
		98,72 cd	0,5 m	395 lux
		276,1 lm	1 m	99 lux
		4W	2 m	25 lux
			5 m	4 lux

Codes

Stepled 3C - 230VAC On/off

Stepled 3C	STE03ANX231	2200 K	SW	narrow frosted	(10°)	NF
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL
				opal resin	(120°)	OD

Accessories

Recessed box

Code	Description	Finishing
C600257ISNT	recessed box Stepled 3C	stainless steel
C600271PCNT	recessed box Stepled 3C	polycarbonate

Tile

IP 66 e IP 67

In-ground-recessed luminaire in machine-crafted aluminium alloy featuring mid power LEDs for general uplight illumination. Sturdy construction, suitable for walk-over and drive-over. Power 12W. Flood distribution. Four colour temperatures from 2200K to 5700K. Remote power supply unit.



	Tile 10
Input power	12 W
Source flux	2000 lm
Source efficiency	175 lm/W
Delivered flux	1115 lm
Delivered efficiency	98 lm/W
Net Net weight	2,4 Kg

IP rating

66 and 67

IK rating - static load

10 - walk-over

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply remote, constant current, insulation class III

Light colour/CCT

2200 K, 3000 K, 4000 K, 5700 K

Beam angles

120° opal diffuser

Light control

Control and dimming by means of constant current control accessories

Temperature limits

Working temperature: from -30°C to +50°C

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ground-recessed

Construction

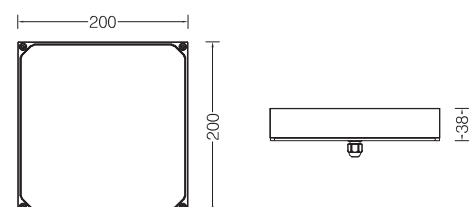
Machine-crafted aluminium alloy, silicone gasket, tempered extra-clear sodium-calcium front glass with sandblasted finish, nickel-plated brass gland connector

Connection

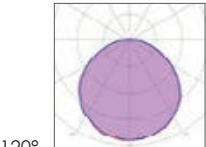
Low voltage power supply cable length 0,8m



Dimensions (mm.)



Photometrics

	4000 K	0,2 m	10,0 klux
	398,8 cd	0,5 m	1,6 klux
	1,12 klm	1 m	399 lux
	12W	2 m	100 lux
		5 m	16 lux

Codes

Tile 10 - Constant current

Tile 10	TIL10ANS000	2200 K	SW	opal diffuser	(120°)	OD
		3000 K	WW			
		4000 K	NW			
		5700 K	CW			

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

Control's power supply (technical details on pages 340-341)

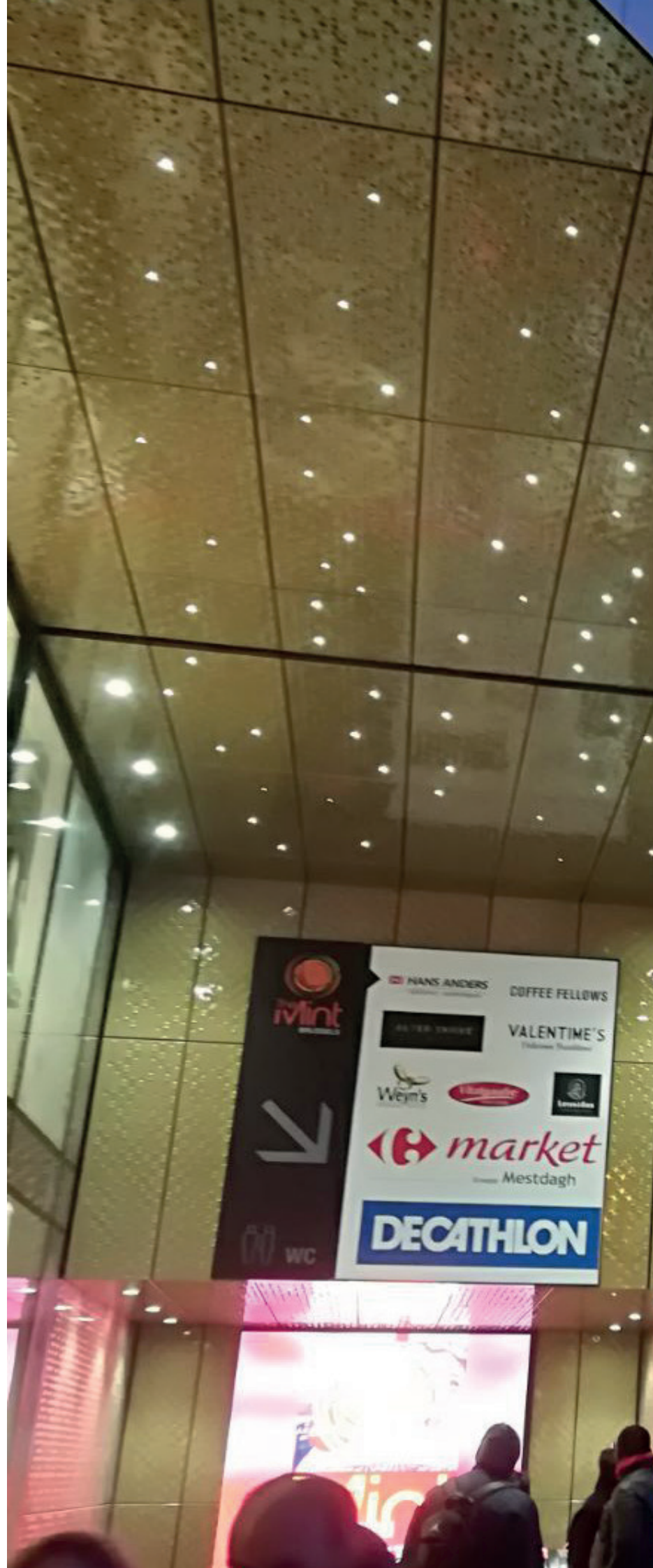
Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	IP	N. TIL10
D300010NANT	On/off	220-240V AC	15W	500mA	20	1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	20	1-2

Planet

Centre la Monnaie
Brussels, Belgium



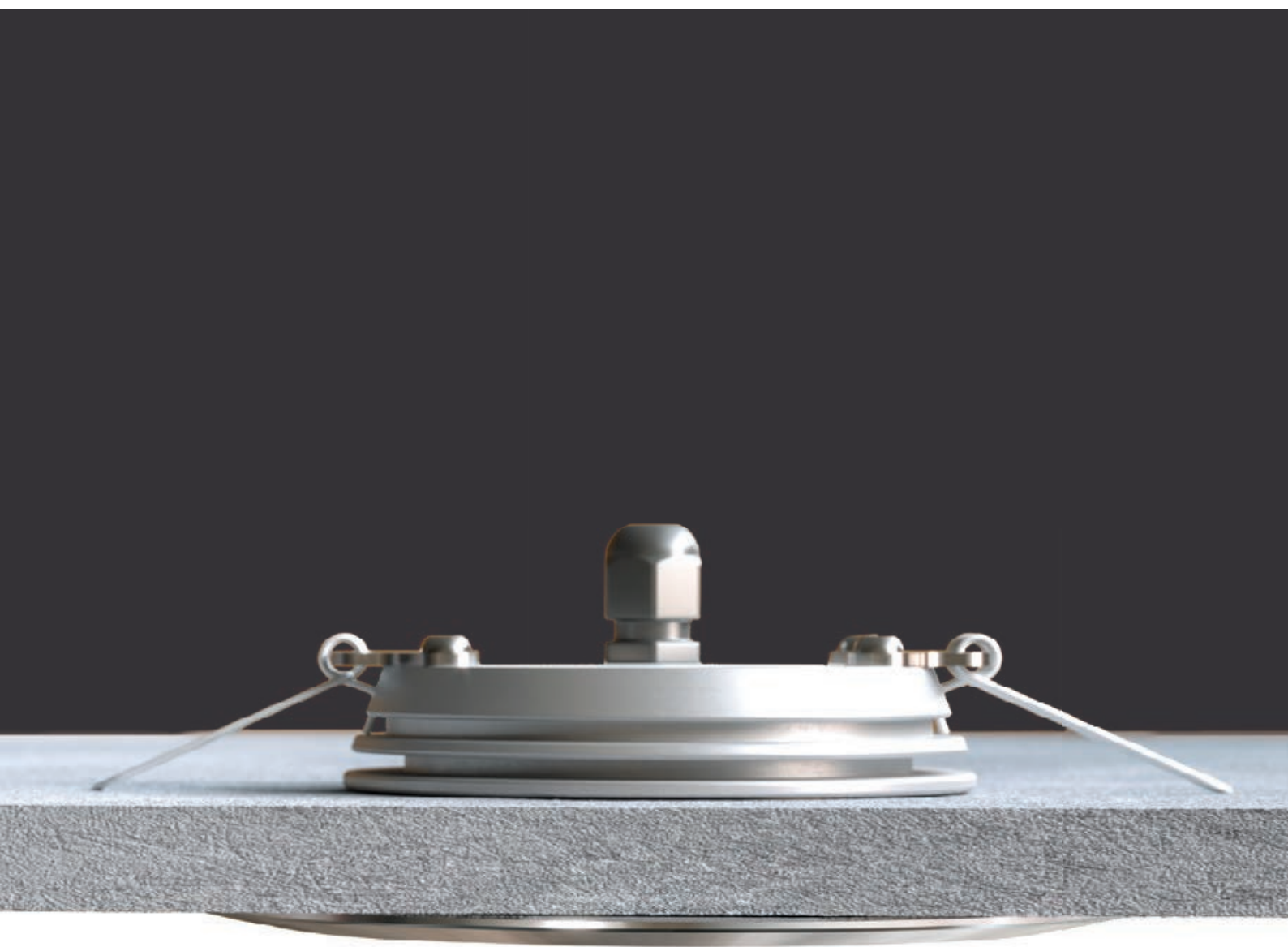


Planet

IP 66 and IP 67

Ceiling-recessed downlights in machine crafted aluminium alloy for accent or general illumination, featuring high power LEDs. Power 4,5W (Planet 3), 6W (Planet 4), and 10,5W (Planet 7). Seven high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Remote power supply unit.







Planet 3



Planet 4



Planet 7

	Planet 3	Planet 4	Planet 7
Input power	4,5 W	6 W	10,5 W
Source flux	645 lm	860 lm	1505 lm
Source efficiency	142 lm/W	142 lm/W	142 lm/W
Delivered flux	485 lm	645 lm	1130 lm
Delivered efficiency	107 lm/W	107 lm/W	107 lm/W
Net weight	0,3 Kg	0,6 Kg	0,7 Kg

IP rating

66 and 67

IK rating

08 Planet 3

08 Planet 4

10 Planet 7

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>60,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°, 120° opal diffuser (only Planet 3)

Light control

By remote device

Temperature limits

Working temperature: from -30°C to +55°C;

Max contact temperature (Ta 25°C): <35°C

Storage temperature: from -50°C to +80°C

Mounting

Ceiling-recessed

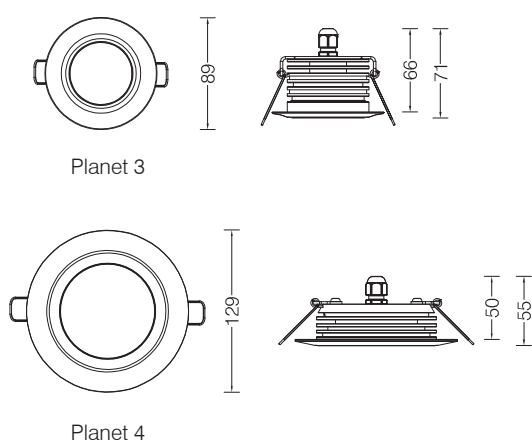
Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, nickel-plated brass gland connector

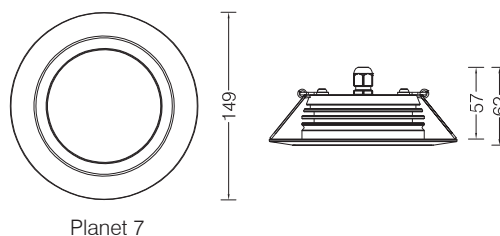
Connection

Low voltage cable length 0,8m

Dimensions (mm.)



	Recessed opening (mm)
Planet 3	Ø 83 x 75
Planet 4	Ø 106 x 65
Planet 7	Ø 108 x 70



Photometrics

		Planet 3			Planet 4			Planet 7		
10°		4000 K	0.5 m	34,9 klux	4000 K	1 m	11,6 klux	4000 K	1 m	20,4 klux
		8,73 kcd	1 m	8,7 klux	11,6 kcd	2 m	2,9 klux	20,3 kcd	2 m	5,1 klux
		484,4 lm	2 m	2,2 klux	645,9 lm	5 m	466 lux	1,13 klm	5 m	815 lux
		4,5W	5 m	349 lux	6W	10 m	116 lux	10,5W	10 m	204 lux
			10 m	87 lux		20 m	29 lux		20 m	51 lux
30°		4000 K	0.2 m	40,5 klux	4000 K	0.2 m	54,0 klux	4000 K	0.5 m	15,1 klux
		1,62 kcd	0.5 m	6,5 klux	2,16 kcd	0.5 m	8,6 klux	3,78 kcd	1 m	3,8 klux
		468,1 lm	1 m	1,6 klux	624,1 lm	1 m	2,2 klux	1,09 klm	2 m	946 lux
		4,5W	2 m	405 lux	6W	2 m	540 lux	10,5W	5 m	151 lux
			5 m	65 lux		5 m	86 lux		10 m	38 lux
50°		4000 K	0.2 m	19,4 klux	4000 K	0.2 m	25,9 klux	4000 K	0.2 m	45,3 klux
		776,3 cd	0.5 m	3,1 klux	1,04 kcd	0.5 m	4,1 klux	1,81 kcd	0.5 m	7,2 klux
		484,4 lm	1 m	776 lux	645,9 lm	1 m	1,0 klux	1,13 klm	1 m	1,8 klux
		4,5W	2 m	194 lux	6W	2 m	259 lux	10,5W	2 m	453 lux
			5 m	31 lux		5 m	41 lux		5 m	72 lux
35°x12°		4000 K	0.5 m	11,0 klux	4000 K	0.5 m	14,6 klux	4000 K	0.5 m	25,6 klux
		2,74 kcd	1 m	2,7 klux	3,65 kcd	1 m	3,7 klux	6,40 kcd	1 m	6,4 klux
		468,1 lm	2 m	685 lux	624,1 lm	2 m	914 lux	1,09 klm	2 m	1,6 klux
		4,5W	5 m	110 lux	6W	5 m	146 lux	10,5W	5 m	256 lux
			10 m	27 lux		10 m	37 lux		10 m	64 lux
12°x35°		4000 K	0.5 m	11,0 klux	4000 K	0.5 m	14,6 klux	4000 K	0.5 m	25,6 klux
		2,74 kcd	1 m	2,7 klux	3,65 kcd	1 m	3,7 klux	6,40 kcd	1 m	6,4 klux
		468,1 lm	2 m	685 lux	624,1 lm	2 m	914 lux	1,09 klm	2 m	1,6 klux
		4,5W	5 m	110 lux	6W	5 m	146 lux	10,5W	5 m	256 lux
			10 m	27 lux		10 m	37 lux		10 m	64 lux
80°		4000 K	0.2 m	8,8 klux	4000 K	0.2 m	11,8 klux	4000 K	0.2 m	20,6 klux
		352,5 cd	0.5 m	1,4 klux	470,0 cd	0.5 m	1,9 klux	822,5 cd	0.5 m	3,3 klux
		479,0 lm	1 m	353 lux	638,6 lm	1 m	470 lux	1,12 klm	1 m	823 lux
		4,5W	2 m	88 lux	6W	2 m	118 lux	10,5W	2 m	206 lux
			5 m	14 lux		5 m	19 lux		5 m	33 lux
120°		4000 K	0.2 m	3,8 klux						
		151,7 cd	0.5 m	607 lux						
		424,5 lm	1 m	152 lux						
		4,5W	2 m	38 lux						
			5 m	6 lux						

Codes

Planet - constant current

Planet 3	PLT03ANS000	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL
				opal diffuser	(120°)	OD

Planet - constant current

Planet 4	PLT04ANS000	2200 K	SW	narrow beam	(10°)	NB
Planet 7	PLT07ANS000	3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CC DMX 4 output	12-48V DC	92x72x62	20
D500726NANT	Dimmer CC DALI 4 output	12-48V DC	92x72x62	20

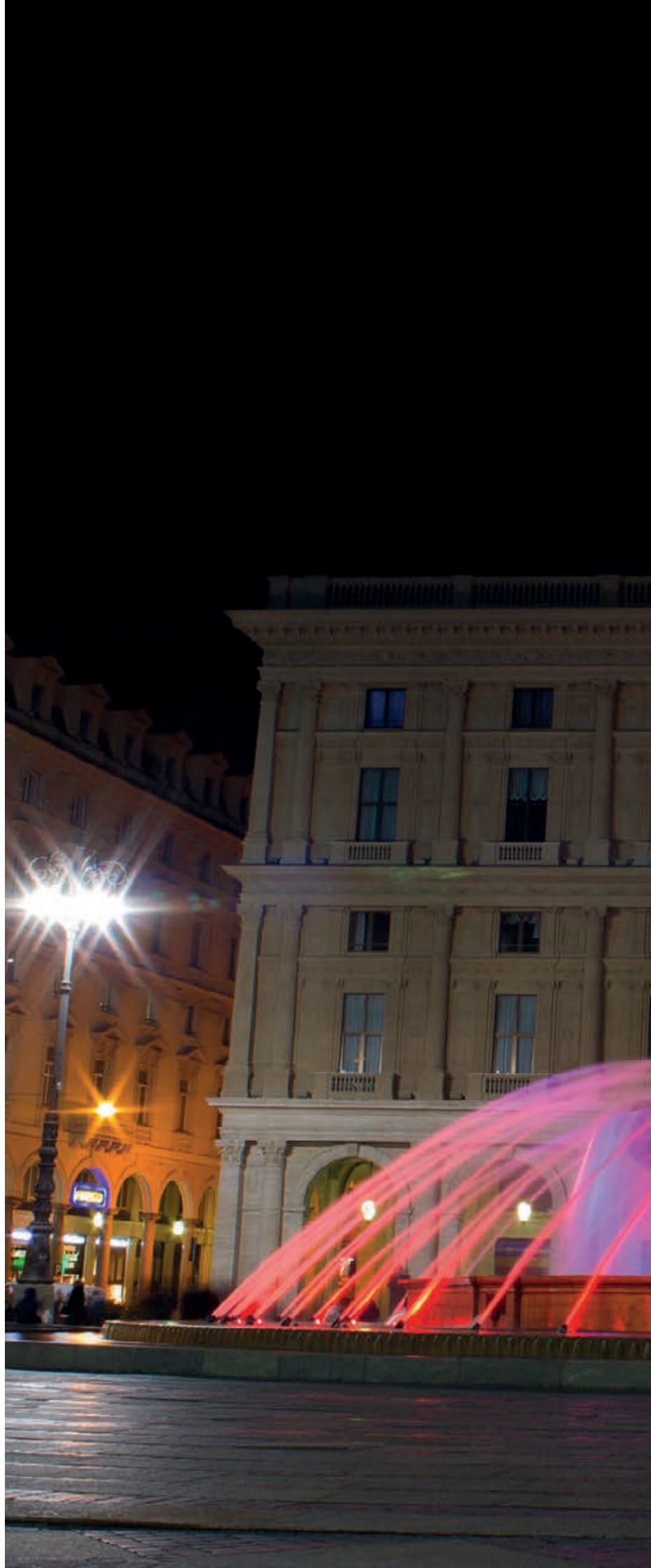
Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Output current	Dimensions (mm)	IP	N. PLT03	N. PLT04	N. PLT07
D300005NANT	On/off	220-240V AC	10W	500mA	75,3x39x22,2	20	1-2	1	
D300010NANT	On/off	220-240V AC	15W	500mA	125x38x23	20	1-3	1-2	1
D300282NANT	DALI	220-240V AC	20W	300/1000mA	146,5x44x30	20	2-5	1-4	1-2



Drop

De Ferrari square fountain
Genoa, Italy





Drop

IP 68

Surface-mounted permanent immersion spotlights in machine-crafted stainless steel AISI 316 for precise accent or general lighting in fountains featuring high power LEDs . Power 10,5W (Drop 3), 21W (Drop 6) and 42W (Drop 12). IK 08. Four colour temperatures from 2200K to 6000K plus RGB. Remote power supply unit. Regulator on board. Control through DMX-RDM.



Drop 3



Drop 6



Drop 12

	Drop 3	Drop 6	Drop 12
Input power	10,5 W	21 W	42 W
Source flux	1160 lm	2325 lm	4645 lm
Source efficiency	121 lm/W	121 lm/W	121 lm/W
Delivered flux	900 lm	1820 lm	3680 lm
Delivered efficiency	86 lm/W	87 lm/W	88 lm/W
Net weight	0,9 Kg	1,1 Kg	2,1 Kg

IP rating

68

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>50,000h L80 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB

Beam angles

Drop 3 15°, 30°, 40°, 60°

Drop 6 12°, 20°, 40°

Drop 12 10°, 30°, 40°x15°, 15°x40°

Light control

On/off, DMX-512A and RDM-compatible

Temperature limits

Working temperature: from 0°C to +35°C (permanent immersion is mandatory)

Storage temperature: from -50°C to +80°C

Mounting

Surface, permanent immersion

Construction

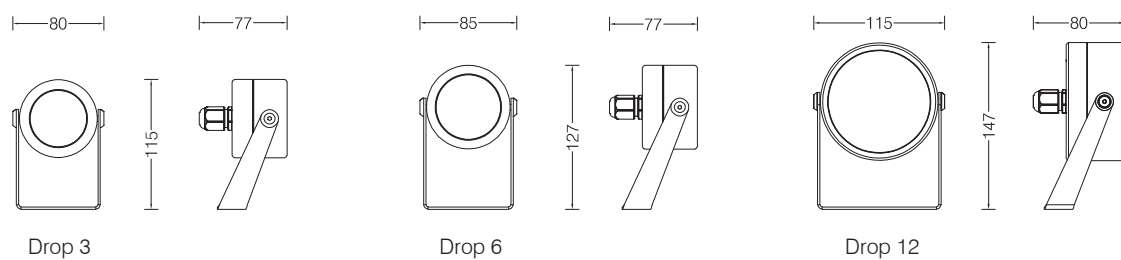
AISI 316 stainless steel, silicone sealing, tempered extra-clear sodium-calcium front glass, IP68 nickel-plated brass gland connector

Connection

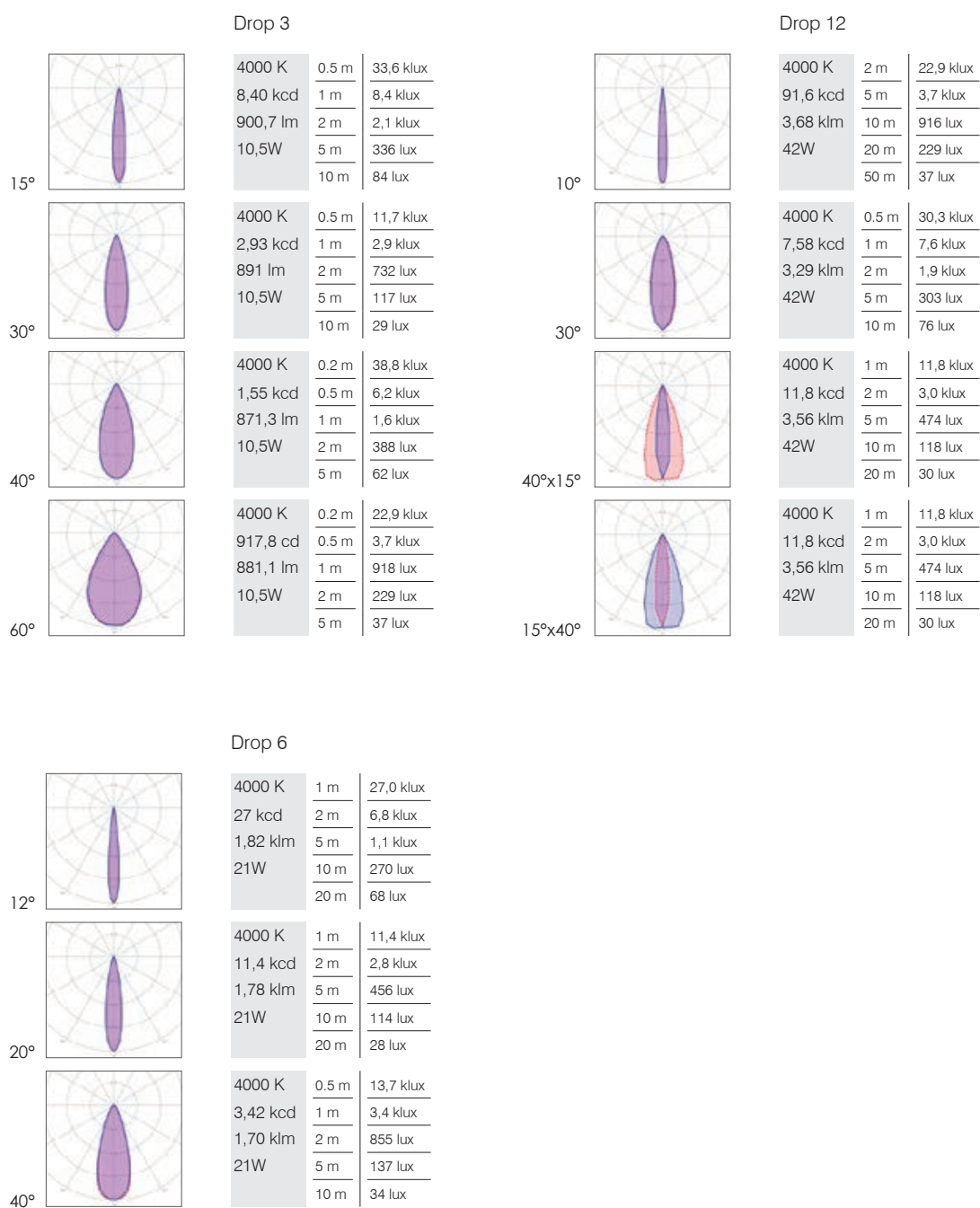
On/off: Low voltage immersion power supply cable length 3m

DMX: Low voltage immersion power supply and signal cable length 3m

Dimensions (mm.)



Photometrics



DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

Codes

Drop 3 - 24 Vdc remote driver - monocromatic

Drop 3	DRP03SSR024	2200 K	SW	narrow beam	(15°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(40°)	WB
		6000 K	CW	flood	(60°)	FL

Drop 3 - 24 Vdc DMX-512A - RGB

Drop 3	DRP03SSD024	RGB	RT	narrow beam	(15°)	NB
				medium beam	(30°)	MB
				wide beam	(40°)	WB
				flood	(60°)	FL

Drop 6 - 24 Vdc remote driver - monocromatic

Drop 6	DRP06SSR024	2200 K	SW	narrow beam	(12°)	NB
		3000 K	WW	medium beam	(20°)	MB
		4000 K	NW	wide beam	(40°)	WB
		6000 K	CW			

Drop 6 - 24 Vdc DMX-512A - RGB

Drop 6	DRP06SSD024	RGB	RT	narrow beam	(12°)	NB
				medium beam	(20°)	MB
				wide beam	(40°)	WB

Drop 12 - 24 Vdc remote driver - monocromatic

Drop 12	DRP12SSR024	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	horizontal narrow	(40°x12°)	ON
		6000 K	CW	vertical narrow	(12°x40°)	VN

Drop 12 - 24 Vdc DMX-512A - RGB

Drop 12	DRP12SSD024	RGB	RT	narrow beam	(10°)	NB
				medium beam	(30°)	MB
				horizontal narrow	(40°x12°)	ON
				vertical narrow	(12°x40°)	VN

Accessories

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300303NANT	On/off	220-240V AC	14W	24V	79x39x19	67
D300266NANT	On/off	100-305V AC	75W	24V	140x63x32	67
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300192NANT	On/off	220-240V AC	60W	24V	125x82x29	20

Cables

Code	Description	Length
E200052GXNT	mono leader cable	per meter
E200040NANT	DMX leader cable	per meter



Liquid

Vittorio Emanuele II bridge
Rome, Italy





Liquid

IP 68

Surface-mounted temporary and permanent immersion projector in die-cast aluminium alloy for precise accent or general lighting, featuring high power LEDs. Power 53W. Nine high-precision beam angles including four elliptical and one asymmetric distributions. Four colour temperatures plus RGBW. The perfect, powerful projector to illuminate bridge pillars, river banks, dams and any place where the water level may vary. Remote power supply unit. Control through DMX-RDM.



	Liquid
Input power	53 W
Source flux	6845 lm
Source efficiency	141 lm/W
Delivered flux	5650 lm
Delivered efficiency	107 lm/W
Net weight	4,8 Kg

IP rating

68

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>50,000h L80 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGBW

Beam angles

8°, 35°, 50°, 45°x8°, 8°x45°, 75°x40°, 40°x75°, 100°, asymmetrical wide

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Surface, permanent or temporary immersion

Construction

Die-cast aluminium alloy, EPDM gasket, UV-protected Polycarbonate front cover,

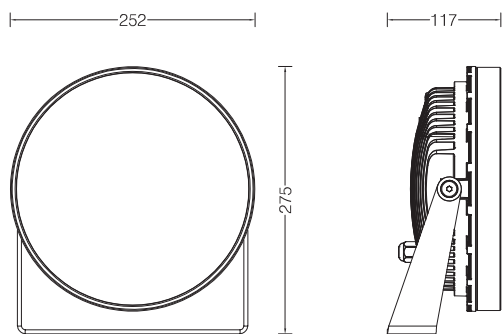
IP68 nickel-plated brass gland connector

Connection

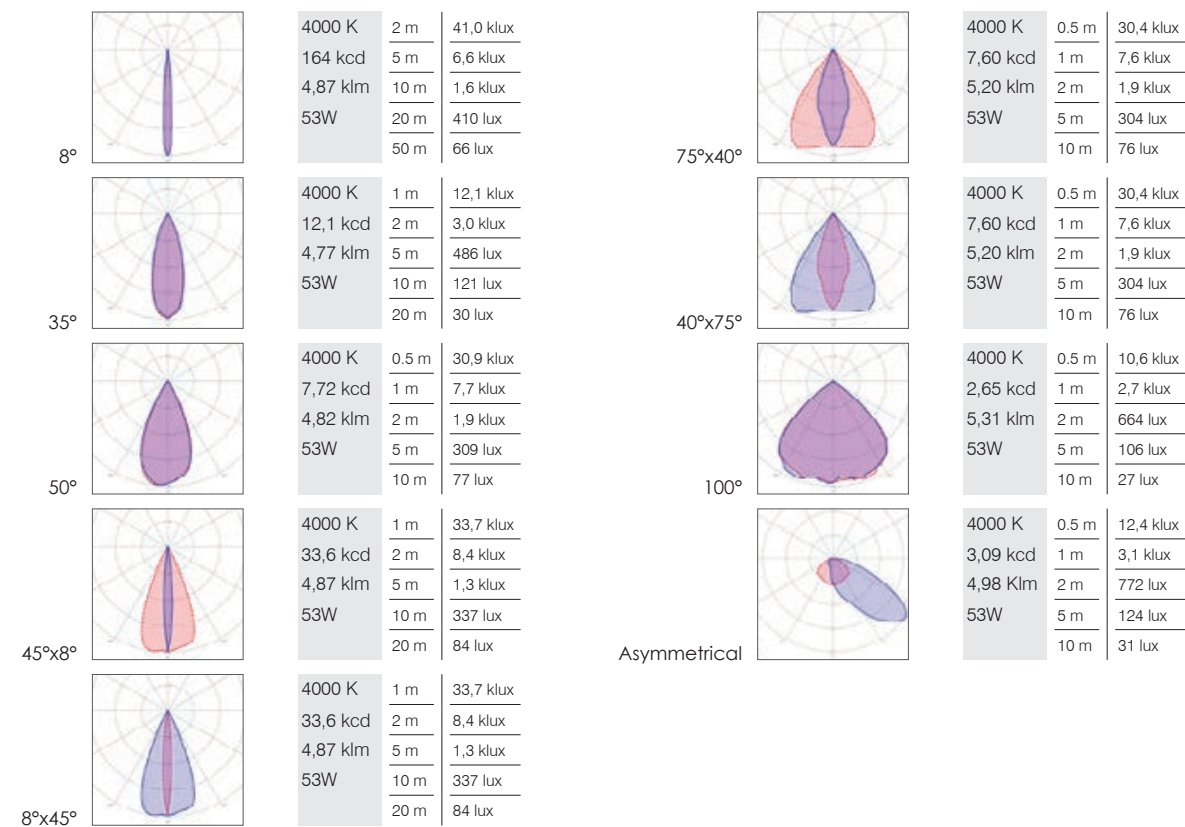
On/off: Low voltage immersion power supply cable length 3m

DMX: Low voltage immersion power supply and signal cable length 3m

Dimensions (mm.)



Photometrics





Codes

Liquid - 24Vdc On/off

Liquid	LID24PAR024	2200 K	SW	narrow beam	(8°)	NB
		3000 K	WW	medium beam	(35°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(45°x8°)	ON
		RGBW	RW	vertical narrow	(8°x45°)	VN
				horizontal wide	(75°x40°)	OW
				vertical wide	(40°x75°)	VW
				flood	(100°)	FL
				asymmetric		AS

Accessories

Light shields

Code	Description	Finishing
C100367AOAN	shield Liquid	aluminium

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300266NANT	On/off	100-305V AC	75W	24V	140x63x32	67
D300733NANT	On/off	220-240V AC	75W	24V	280x40,2x29	20

Cables

Code	Description	Length
E200052GXNT	mono leader cable	per meter
E200040NANT	DMX leader cable	per meter

Aqa





Aqa

IP 68

Wall- and floor-recessed permanent immersion spotlight in machine-crafted stainless steel AISI 316 for precise accent or general lighting in swimming pools and fountains, featuring high power LEDs. Power 14,5W. Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K plus RGB. Remote power supply unit. Regulator on board. Control through remote device (RGB version).



	Aqa
Input power	14,5 W
Source flux	1730 lm
Source efficiency	132,5 lm/W
Delivered flux	1300 lm
Delivered efficiency	94 lm/W
Net weight	1,6 Kg

IP rating

68

IK rating

10

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>50,000h L80 B10 at 25°C ambient temperature

Power supply

Mono Remote power supply unit, constant voltage, insulation class III

RGB Remote power supply unit, constant current, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from 0°C to +35°C (permanent immersion is mandatory)

Storage temperature: from -50°C to +80°C

Mounting

Wall-recessed, permanent immersion

Construction

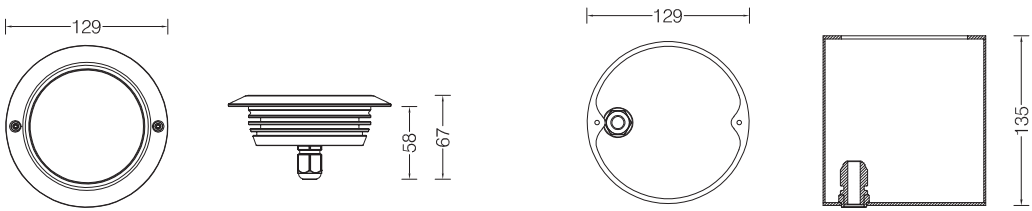
AISI 316 stainless steel, silicone sealing, tempered extra-clear sodium-calcium front glass, IP68 nickel-plated brass gland connector

Connection

On/off: Low voltage immersion power supply cable length 3m

RGB: Low voltage immersion power supply cable length 3m

Dimensions (mm.)



Photometrics

10°		4000 K	1 m	23,4 klux
		23,4 kcd	2 m	5,8 klux
		1,30 klm	5 m	935 lux
		14,5W	10 m	234 lux
			20 m	58 lux
30°		4000 K	0,5 m	17,4 klux
		4,34 kcd	1 m	4,3 klux
		1,25 klm	2 m	1,1 klux
		14,5W	5 m	174 lux
			10 m	43 lux
50°		4000 K	0,2 m	52,0 klux
		2,08 kcd	0,5 m	8,3 klux
		1,30 klm	1 m	2,1 klux
		14,5W	2 m	520 lux
			5 m	83 lux
35°x12°		4000 K	0,5 m	29,4 klux
		7,34 kcd	1 m	7,3 klux
		1,25 klm	2 m	1,8 klux
		14,5W	5 m	294 lux
			10 m	73 lux
12°x35°		4000 K	0,5 m	29,4 klux
		7,34 kcd	1 m	7,3 klux
		1,25 klm	2 m	1,8 klux
		14,5W	5 m	294 lux
			10 m	73 lux
80°		4000 K	0,2 m	23,6 klux
		944,2 cd	0,5 m	3,8 klux
		1,28 klm	1 m	944 lux
		14,5W	2 m	236 lux
			5 m	38 lux

Dynamic Light

DMX

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250.000 baud) and can control 512 independent addresses. Diamante's appliances use DMX-RDM, with bi-directional communication for diagnostics and remote addressing.

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1.200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 luminaires.

Accessories

Recessed box

Code	Description	Finishing
F100034ISNT	recessed box	stainless steel

Codes

Aqa - 24Vdc On/off

Aqa	AQA06SSR024	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°X12°)	ON
				vertical narrow	(12°X35°)	VN
				flood	(80°)	FL

Aqa - constant current

Aqa	AQA06SSS000	RGB	RT	narrow beam	(10°)	NB
				medium beam	(30°)	MB
				wide beam	(50°)	WB
				horizontal narrow	(35°X12°)	ON
				vertical narrow	(12°X35°)	VN
				flood	(80°)	FL

Controls monochromatic (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Controls RGB (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500723NANT	Dimmer CV DMX 4 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300736NANT	On/off	220-240V AC	36W	24V	120x38x24,5	67
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20

Cables

Code	Description	Length
E200052GXNT	mono leader cable	per meter
E200139NANT	RGB leader cable	per meter

Ago

IP 66 and IP 67

Standing, adjustable garden luminaire in extruded aluminium alloy for precise accent, path or general lighting, featuring high power LEDs. Power 8,2W (230VAC) and 7W (48Vdc). Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Ideal for the illumination of bushes, garden paths, trees, walls. Power supply unit on board or remote.



	Ago 230VAC	Ago 48Vdc
Input power	8,2 W	7 W
Source flux	865 lm	865 lm
Source efficiency	132,5 lm/W	132,5 lm/W
Delivered flux	650 lm	650 lm
Delivered efficiency	79,5 lm/W	94 lm/W
Net weight	1,2 Kg	1,2 Kg

Ago 230VAC

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Spike-mounted

Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

Power supply cable length 0,8m

Ago 48Vdc

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90.000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Spike-mounted

Construction

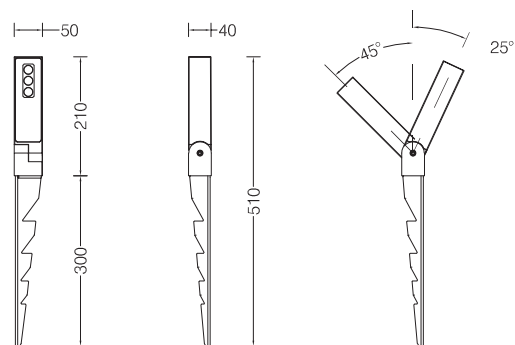
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

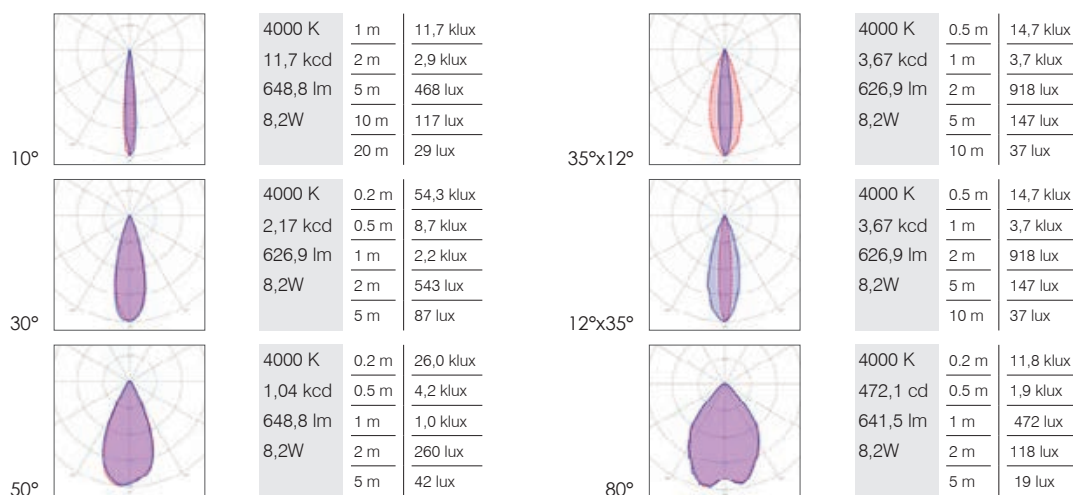
Low voltage power supply cable length 0,8m



Dimensions (mm.)



Photometrics



Codes

Ago - 230VAC On/off

Ago	AGO02ABX231	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Ago - from 24 to 48 Vdc On/off

Ago	AGO02ABR048	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer CV DMX 1 output	12-48V DC	92x36x62	20
D500724NANT	Dimmer CV DALI 1 output	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300278NANT	On/off	220-240V AC	50W	48V	225x60x36	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Eye pole

IP 66 and IP 67

Standing garden luminaire in machine-crafted aluminium alloy for precise accent, path or general lighting, featuring high power LEDs. Combined power 13W. Two independent spotlights adjustable in any direction. Four high-precision beam angles. Four colour temperatures from 2200K to 6000K. Remote power supply unit.



	Eye pole
Input power	13 W
Source flux	1720 lm
Source efficiency	142 lm/W
Delivered flux	1290 lm
Delivered efficiency	101 lm/W
Net weight	7,6 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>100,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: From -30°C to +50°C

Storage temperature: From -50°C to +80°C

Mounting

Ground

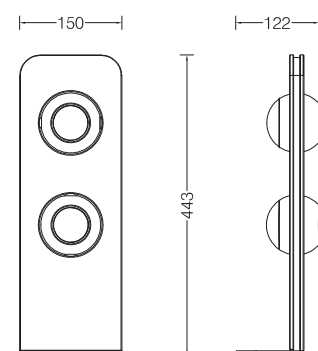
Construction

Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass, machine-crafted aluminium alloy structure

Connection

Low voltage power supply cable length 0,8m

Dimensions (mm)



Photometrics

10°		4000 K	1 m	23,3 klux
		23,2 kcd	2 m	5,8 klux
		1,29 klm	5 m	931 lux
		13W	10 m	233 lux
			20 m	58 lux
30°		4000K	0,5 m	17,3 klux
		4320 cd	1 m	4,3 klux
		1250 lm	2 m	1,1 klux
		13 W	5 m	173 lux
50°		4000 K	0,2 m	51,8 klux
		2,07 kcd	0,5 m	8,3 klux
		1,29 klm	1 m	2,1 klux
		13W	2 m	518 lux
80°		4000 K	0,2 m	23,5 klux
		940, cd	0,5 m	3,8 klux
		1,28 klm	1 m	940 lux
		13W	2 m	235 lux
			5 m	38 lux

Codes

Eye pole - from 24 to 48 Vdc On/off

Eye pole	EPL08ANR024	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer DMX CV 1 outlets	12-48V DC	92x36x62	20
D500724NANT	Dimmer DALI CV 1 outlets	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Flower





Flower

IP 65

Standing garden luminaire in extruded aluminium alloy for diffused decorative lighting, featuring one COB LED. Power 14W. Four colour temperatures from 2200K to 5700K. Flower's light emission projects a flower-shaped light on the ground, creating a unique, emotional effect. Power supply unit on board.



	Flower
Input power	14 W
Source flux	1740 lm
Source efficiency	145,5 lm/W
Delivered flux	640 lm
Delivered efficiency	44 lm/W
Net weight	6,3 Kg

IP rating

65

IK rating

08

Source type

COB

CRI

>80

MacAdam step

3

Source life time

> 110,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class II

Light colour/CCT

2200K, 3000K, 4000K, 5700K

Beam angles

specific emission

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Ground

Construction

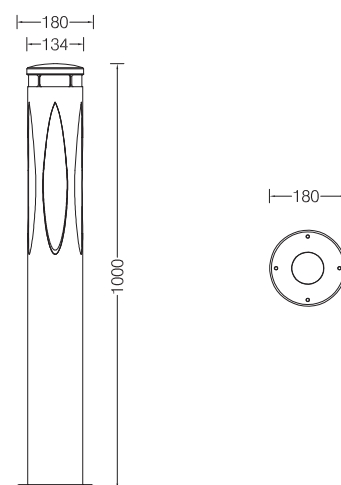
Clear Polycarbonate, stainless steel structure

Connection

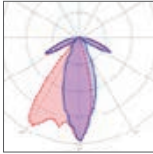
Power supply cable length 0,8m



Dimensions (mm)



Photometrics

special emission		4000 K	0,2 m	12,8 klux
		513,8 cd	0,5 m	2,1 klux
		637,6 lm	1 m	514 lux
		14W	2 m	128 lux
			5 m	21 lux

Codes

Flower - 230VAC On/off

Flower	FLR01PSX230	2200 K	SW	special emission	FW
		3000 K	WW		
		4000 K	NW		
		5700 K	CW		

Solido





Solido

IP 66 and IP 67

Standing garden luminaire in extruded aluminium alloy for diffused path illumination and general lighting, featuring mid power LEDs. Available in four heights from 30cm to 220cm and power from 2,6W to 72W. Diffused, single or double light distribution (Solido 1 and Solido 2). Solido is a non-intrusive, sleek-shaped fixture for private and public gardens, garden paths, drive- and walkways, marina docks. Remote power supply unit.





	Solido 1.03	Solido 1.05	Solido 1.08	Solido 1.22
Input power	2,6 W	6,2 W	11,4 W	36 W
Source flux	390 lm	935 lm	1715 lm	5450 lm
Source efficiency	159 lm/W	159 lm/W	159 lm/W	159 lm/W
Delivered flux	240 lm	580 lm	1060 lm	3370 lm
Delivered efficiency	98 lm/W	98 lm/W	98 lm/W	98 lm/W
Net weight	2,1 Kg	3,1 Kg	5 Kg	13,5 Kg

IP rating

66 and 67

IK rating

10

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

>110,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

3000K, 4000K, 6000K

Beam angles

120°opal resin

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Ground

Construction

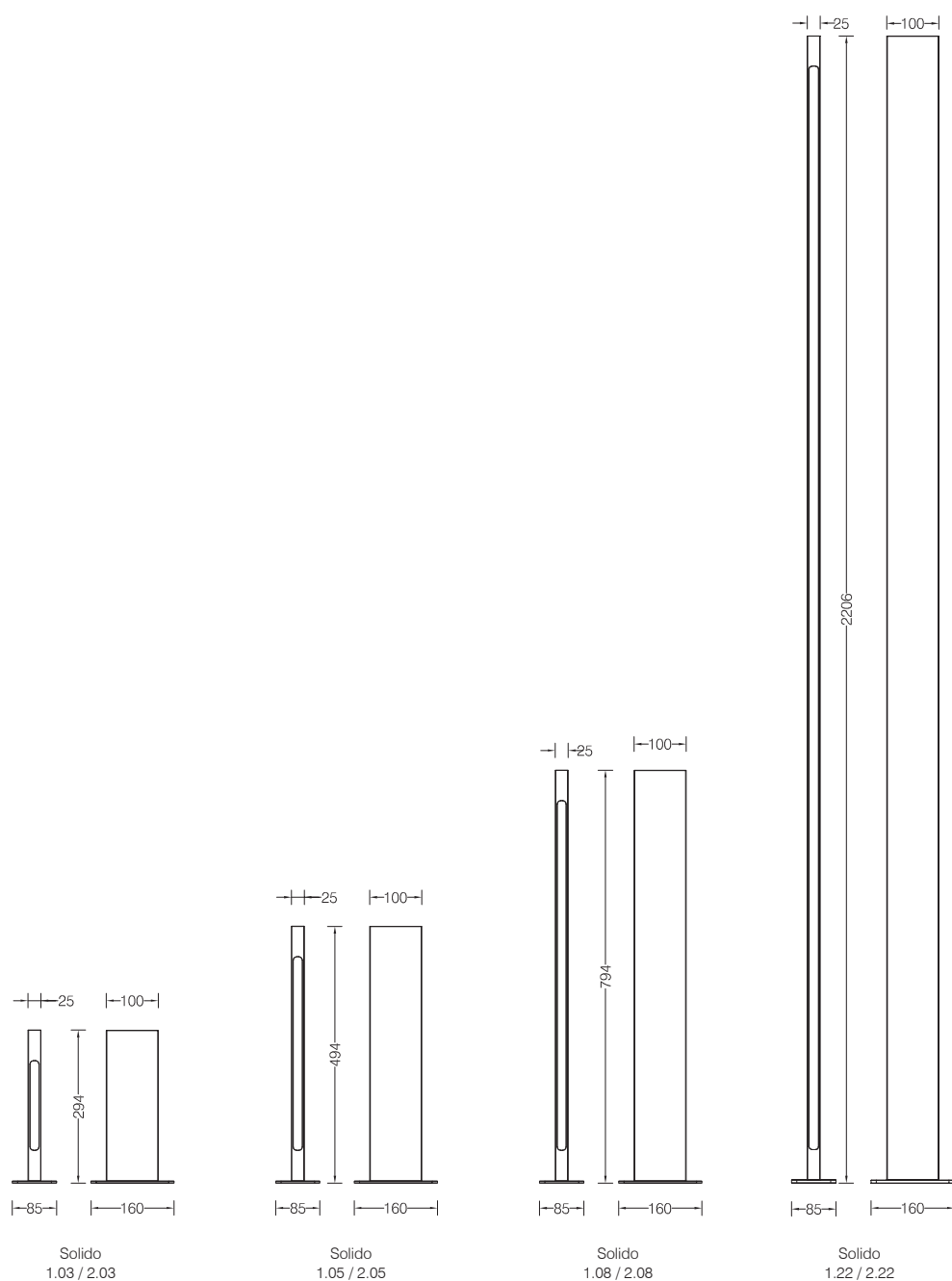
Machine-crafted aluminium alloy, opal Polyurethane resin

Connection

Low voltage power supply cable length 0,8m

	Solido 2.03	Solido 2.05	Solido 2.08	Solido 2.22
Input power	5,2 W	12,4 W	22,8 W	72 W
Source flux	780 lm	1870 lm	3425 lm	10,9 klm
Source efficiency	159 lm/W	159 lm/W	159 lm/W	159 lm/W
Delivered flux	480 lm	1155 lm	2120 lm	6740 lm
Delivered efficiency	98 lm/W	98 lm/W	98 lm/W	98 lm/W
Net weight	2,1 Kg	3,1 Kg	5 Kg	13,5 Kg

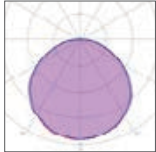
Dimensions (mm.)



Path lighting

Garden lamp for path lighting with one or two distributions. Machine-crafted aluminium alloy, sturdy construction, black anodized, suitable for harsh environments. Diffused light distribution, remote power supply unit. Available in four heights.



120°		Solido 1.03 / 2.03			Solido 1.05 / 2.05		
		4000 K	0.2 m	2,0 klux	4000 K	0.2 m	4,8 klux
		79,19 cd	0.5 m	317 lux	190 cd	0.5 m	760 lux
		221,5 lm	1 m	79 lux	531,6 lm	1 m	190 lux
		2,6W	2 m	20 lux	6,2W	2 m	48 lux
			5 m	3 lux		5 m	8 lux
Solido 1.08 / 2.08			Solido 1.22 / 2.22				
		4000 K	0.2 m	8,7 klux	4000 K	0.2 m	27,7 klux
		348,4 cd	0.5 m	1,4 klux	1,11 kcd	0.5 m	4,4 klux
		974,7 lm	1 m	348 lux	3,10 klm	1 m	1,1 klux
		11,4W	2 m	87 lux	36W	2 m	277 lux
			5 m	14 lux		5 m	44 lux

Codes

Solido - 24 Vdc On/off

Solido 1.03	SL103ABR024	3000 K	WW	opal diffused	OP
Solido 1.05	SL105ABR024	4000 K	NW		
Solido 1.08	SL108ABR024	6000 K	CW		
Solido 1.22	SL122ABR024				
Solido 2.03	SL203ABR024				
Solido 2.05	SL205ABR024				
Solido 2.08	SL208ABR024				
Solido 2.22	SL222ABR024				

Accessories

Controls (technical details on pages 340-341)

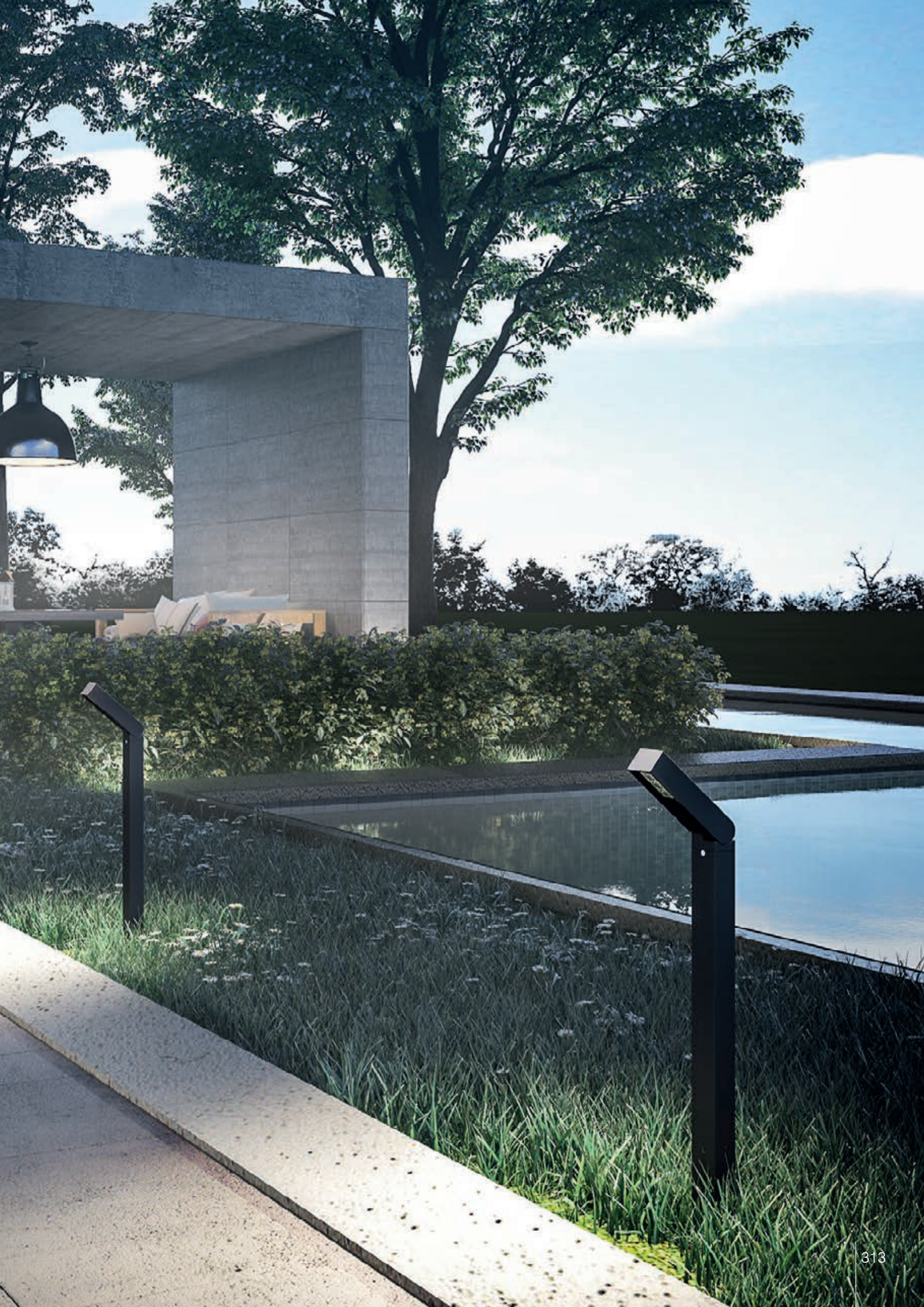
Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer DMX CV 1 outlets	12-48V DC	92x36x62	20
D500724NANT	Dimmer DALI CV 1 outlets	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300303NANT	On/off	220-240V AC	14W	24V	79x39x19	67
D300266NANT	On/off	100-305V AC	75W	24V	140x63x32	67
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300733NANT	On/off	220-240V AC	75W	24V	280x40,2x29	20

Spillo





Spillo

IP 66 and IP 67

Standing, adjustable garden luminaires in extruded aluminium alloy for precise accent, path and general lighting, featuring high power LEDs. Available in four heights from 50cm to 275cm and power of 8,2W and 14W. Six high-precision beam angles including two elliptical distributions. Four colour temperatures from 2200K to 6000K. Ideal for the illumination of bushes, trees, garden paths, garden drive- and walkways, walls. Power supply unit on board (remote power supply unit Spillo 25).





	Spillo 5	Spillo 8	Spillo 11
Input power	8,2 W	8,2 W	8,2 W
Source flux	865 lm	865 lm	865 lm
Source efficiency	132,5 lm/W	132,5 lm/W	132,5 lm/W
Delivered flux	650 lm	650 lm	865 lm
Delivered efficiency	79,5 lm/W	79,5 lm/W	79,5 lm/W
Net weight	2 Kg	2,6 Kg	3 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90,000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

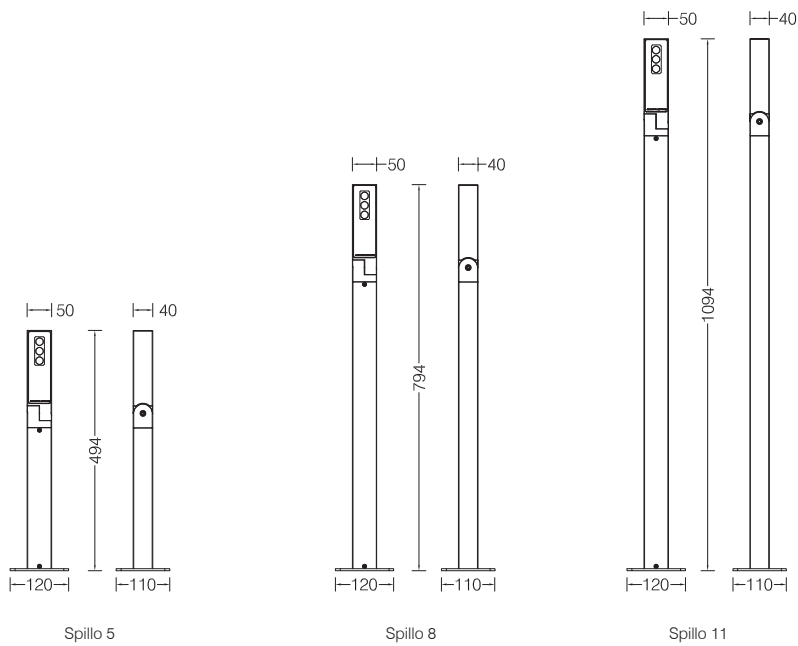
Ground

Construction

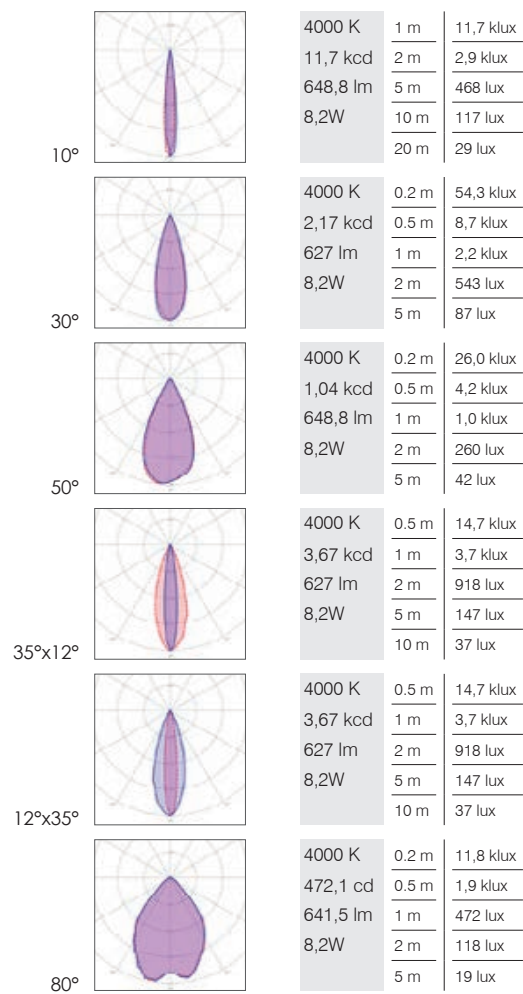
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

Power supply cable length 0,8m



Photometrics



Codes

Spillo - 230VAC On/off

Spillo 5	SPL05ABX231	2200 K	SW	narrow beam	(12°)	NB
Spillo 8	SPL08ABX231	3000 K	WW	medium beam	(30°)	MB
Spillo 11	SPL11ABX231	4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL



Spillo 25



Spillo 25

Input power	14 W
Source flux	1730 lm
Source efficiency	132,5 lm/W
Delivered flux	1300 lm
Delivered efficiency	94 lm/W
Net weight	8,5 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>90,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

10°, 30°, 50°, 12°x35°, 35°x12°, 80°

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Standing

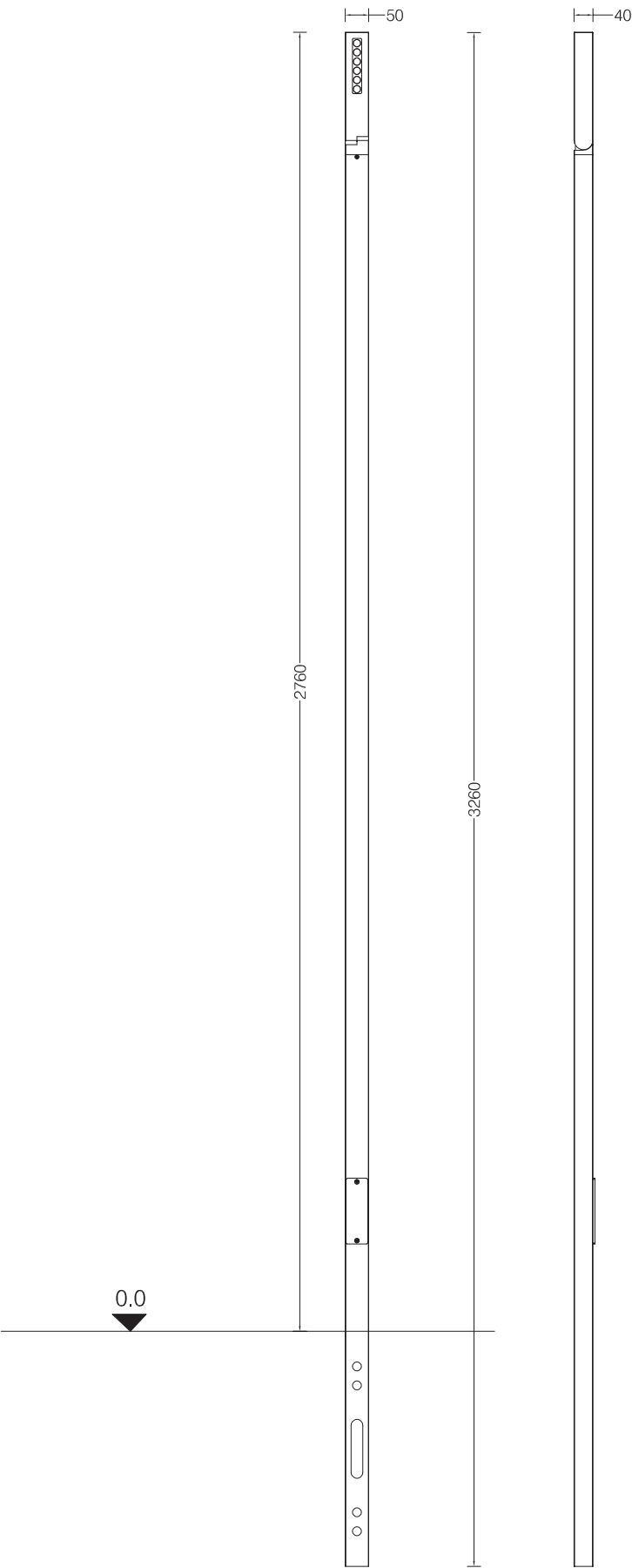
Construction

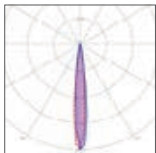
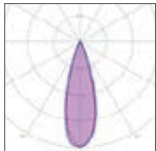
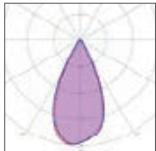
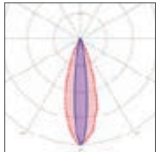
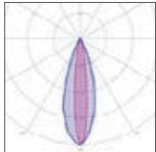
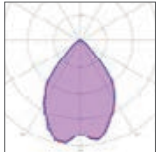
Machine-crafted aluminium alloy, silicone sealing, tempered extra-clear sodium-calcium front glass

Connection

Low voltage power supply cable length 0,8m

Dimensions (mm.)



10°		4000 K	1 m	23,4 klux
		23,4 kcd	2 m	5,8 klux
		1,30 klm	5 m	935 lux
		14W	10 m	234 lux
			20 m	58 lux
30°		4000 K	0.5 m	17,4 klux
		4,34 kcd	1 m	4,3 klux
		1,25 klm	2 m	1,1 klux
		14W	5 m	174 lux
			10 m	43 lux
50°		4000 K	0.2 m	52,0 klux
		2,08 kcd	0.5 m	8,3 klux
		1,30 klm	1 m	2,1 klux
		14W	2 m	520 lux
			5 m	83 lux
35°x12°		4000 K	0.5 m	29,4 klux
		7,34 kcd	1 m	7,3 klux
		1,25 klm	2 m	1,8 klux
		14W	5 m	294 lux
			10 m	73 lux
12°x35°		4000 K	0.5 m	29,4 klux
		7,34 kcd	1 m	7,3 klux
		1,25 klm	2 m	1,8 klux
		14W	5 m	294 lux
			10 m	73 lux
80°		4000 K	0.2 m	23,6 klux
		944,2 cd	0.5 m	3,8 klux
		1,28 klm	1 m	944 lux
		14W	2 m	236 lux
			5 m	38 lux

Spillo - 24 to 48 Vdc

Spillo 25	SPL25ABR024	2200 K	SW	narrow beam	(10°)	NB
		3000 K	WW	medium beam	(30°)	MB
		4000 K	NW	wide beam	(50°)	WB
		6000 K	CW	horizontal narrow	(35°x12°)	ON
				vertical narrow	(12°x35°)	VN
				flood	(80°)	FL

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer DMX CV 1 outlets	12-48V DC	92x36x62	20
D500724NANT	Dimmer DALI CV 1 outlets	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	67

Day

IP 66 and IP 67

Surface-mounted, lightpoint in machine-crafted aluminium alloy for accent and signal lighting, featuring high power LEDs, Power 6,5W. Asymmetric light distribution. Four colour temperatures from 2200K to 6000K. Day is perfect to outline the contour of a building or to attract attention to an architectural volume. Installation-friendly. Remote power supply unit.



	Day
Input power	6,5 W
Source flux	860 lm
Source efficiency	142 lm/W
Delivered flux	710 lm
Delivered efficiency	111 lm/W
Net weight	0,9 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>100,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

specifice mission

Light control

On/off, optional dimming (via accessories)

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Wall

Construction

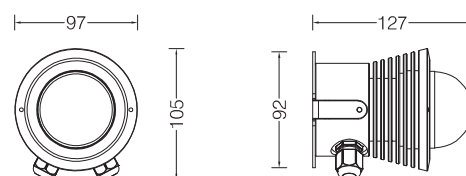
Machine-crafted aluminium alloy, UV-protected Polycarbonate front cover, nickel-plated brass gland connector

Connection

Low voltage power supply cable length 0,8m



Dimensions (mm)



Photometrics

specialized emission		4000 K	0,2 m	13,0 klux
		518,6 cd	0,5 m	2,1 klux
		707,6 lm	1 m	519 lux
		6,5W	2 m	130 lux
			5 m	21 lux

Codes

Day - 48 Vdc constant voltage

Day	DAY10ANR048	2200 K	SW	specialized emission	AS
		3000 K	WW		
		4000 K	NW		
		6000 K	CW		

Accessories

Controls (technical details on pages 340-341)

Code	Description	Supply voltage	Dimensions (mm)	IP
D500725NANT	Dimmer DMX CV 1 outlets	12-48V DC	92x36x62	20
D500724NANT	Dimmer DALI CV 1 outlets	12-48V DC	92x36x62	20

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300016NANT	On/off	220-240V AC	10W	24V	75,3x39x22,2	20
D300277NANT	On/off	90-305V AC	40W	48V	171x61,5x36,8	67

Goccia

IP 66 and IP 67

Surface-mounted, lightpoint in die-cast aluminium alloy for accent and signal lighting, featuring mid power LEDs, Power 10W. Clear or opal diffused light distribution. Three colour temperatures from 3000K to 6000K plus RGB. Goccia is perfect to outline the contour of a building or to attract attention to an architectural volume. Installation-friendly. Remote power supply unit. Control through DHS LC.



	Goccia
Input power	10 W
Source flux	1450 lm
Source efficiency	143 lm/W
Delivered flux	945 lm
Delivered efficiency	86 lm/W
Net weight	0,6 Kg

IP rating

66 and 67

IK rating

08

Source type

Mid power LED

CRI

>80

MacAdam step

3

Source life time

> 110,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

3000K, 4000K, 6000K, RGB

Beam angles

120°clear diffuser without optics, 120°opal diffuser

Light control

DMX-512A and RDM-compatible

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Wall

Construction

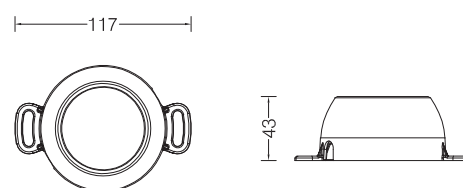
Machine-crafted aluminium alloy, opal Polyurethane resin

Connection

Through-wiring, power supply and signal cable, length 3m input and 0,3m output, with IP68 4-poles connectors



Dimensions (mm)



Photometrics

120° clear diffused		4000 K	0,2 m	10,4 klux
		414,6 cd	0,5 m	1,7 klux
		1,16 klm	1 m	415 lux
		10W	2 m	104 lux
			5 m	17 lux
120° opal diffused		4000 K	0,2 m	8,1 klux
		322,4 cd	0,5 m	1,3 klux
		901,9 lm	1 m	322 lux
		10W	2 m	81 lux
			5 m	13 lux

Codes

Goccia - 24 to 48 Vdc DHSLC

Goccia	GCC10AND048	3000 K	WW	clear diffused	120°	BL
		4000 K	NW	opal diffused	120°	OD
		6000 K	CW			
		RGB	RT			

Accessories

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300736NANT	On/off	220-240V AC	36W	24V	120x38x24,5	67

Cables

Code	Description	Length
F400123NANT	leader cable with M12 connector	2 m
F400120NANT	jumper cable with M12 connector	1 m

Star

IP 66 and IP 67

Wall-recessed lightpoint in machine-crafted aluminium alloy for accent and signal lighting, featuring high power LEDs, Power 3,5W. Clear or opal diffused light distribution. Four colour temperatures from 2200K to 6000K plus RGB. Day is perfect to outline the contour of a building or to attract attention to an architectural volume. Installation-friendly. Through-wiring. Remote power supply unit. Control through DMX-RDM.



	Star
Input power	3,5 W
Source flux	480 lm
Source efficiency	148 lm/W
Delivered flux	365 lm
Delivered efficiency	103 lm/W
Net weight	0,6 Kg

IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

> 110,000h L70 B10 at 25°C ambient temperature

Power supply

Remote power supply unit, constant voltage, insulation class III

Light colour/CCT

2200K, 3000K, 4000K, 6000K, RGB

Beam angles

120° clear diffuser without optics, 120° opal diffuser

Light control

DMX-512A and RDM-compatible

Temperature limits

Working temperature: from -30°C to +55°C

Storage temperature: from -50°C to +80°C

Mounting

Wall-recessed

Construction

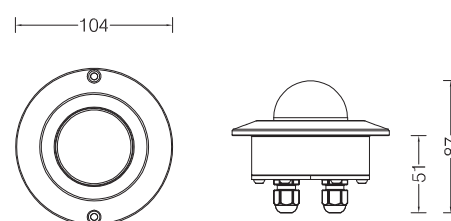
Machine-crafted aluminium alloy, EPDM gasket, UV-protected Polycarbonate front cover, nickel-plated brass gland connector

Connection

Through-wiring, power supply and signal cable, length 3m input and 0,3m output, with IP68 4-poles connectors



Dimensions (mm)



Photometrics

120° clear diffused		4000 K	0,2 m	3,2 klux
		129,8 cd	0,5 m	519 lux
		363 lm	1 m	130 lux
		3,5W	2 m	32 lux
			5 m	5 lux
120° opal diffused		4000 K	0,2 m	2,0 klux
		78,52 cd	0,5 m	314 lux
		219,6 lm	1 m	79 lux
		3,5W	2 m	20 lux
			5 m	3 lux

Codes

Star - 24 to 48 Vdc DMX-512A

Star	STR03AND048	2200 K	SW	clear diffused	120°	BL
		3000 K	WW	opal diffused	120°	OD
		4000 K	NW			
		6000 K	CW			
		RGB	RT			

Accessories

Power supply units (technical details on pages 340-341)

Code	Control	Supply voltage	Power	Secondary voltage	Dimensions (mm)	IP
D300199NANT	On/off	220-240V AC	30W	24V	125x38x23	20
D300736NANT	On/off	220-240V AC	36W	24V	120x38x24,5	67

Cables

Code	Description	Length
F400123NANT	leader cable with M12 connector	2 m
F400120NANT	jumper cable with M12 connector	1 m

Window

IP 66 and IP 67

Surface-mounted lightpoint in machine-crafted aluminium alloy for window contour lighting, featuring high power LEDs. Power 4W. Two elliptical beam angles. Four colour temperatures from 2200K to 6000K. Window was specifically designed to outline the contour of window frames in modern and ancient buildings. Power supply on board.



	Window
Input power	4 W
Source flux	470 lm
Source efficiency	151 lm/W
Delivered flux	370 lm
Delivered efficiency	95 lm/W
Net weight	0.8 Kg



IP rating

66 and 67

IK rating

08

Source type

High power LED

CRI

>80

MacAdam step

3

Source life time

>110.000h L70 B10 at 25°C ambient temperature

Power supply

Power supply unit on board, insulation class I

Light colour/CCT

2200K, 3000K, 4000K, 6000K

Beam angles

35°x10°, 100°x15°

Light control

On/off

Temperature limits

Working temperature: from -30°C to +50°C

Storage temperature: from -50°C to +80°C

Mounting

Surface

Construction

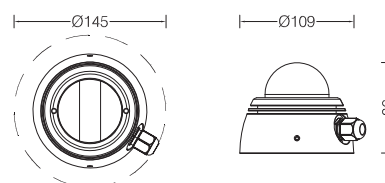
Machine-crafted aluminium alloy, silicone gasket, UV-protected

Polycarbonate front cover, nickel-plated brass gland connector

Connection

Power supply cable length 0,8m

Dimensions (mm)



Photometrics

35°x10°		4000 K	0.5 m	10,7 klux
		2,67 kcd	1 m	2,7 klux
		363 lm	2 m	669 lux
		4W	5 m	107 lux
			10 m	27 lux
100°x15°		4000 K	0.2 m	14,0 klux
		560,4 cd	0.5 m	2,2 klux
		370,8 lm	1 m	560 lux
		4W	2 m	140 lux
			5 m	22 lux

Codes

Window - 230VAC On/off

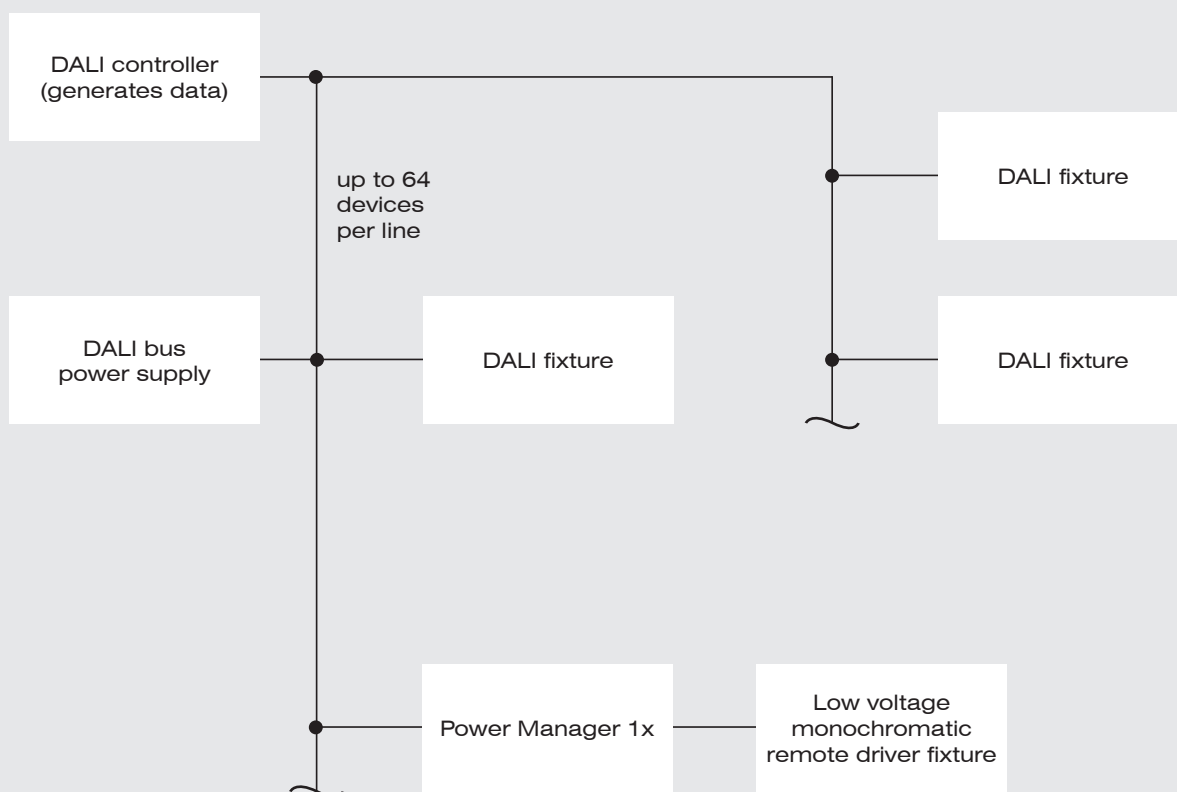
Window	WIW03ANX231	2200 K	SW	horizontal narrow	(35°x10°)	ON
		3000 K	WW	horizontal wide	(100°x15°)	OW
		4000 K	NW			
		6000 K	CW			

Accessories

controllers, interfaces

DALI

This protocol is mainly used for indoor lighting and characterised by a limited data transmission speed (1200 baud). It can control small installations with simple dynamic programmes with slow scene changes. The DALI protocol can control up to 64 independent luminaire addresses. Every line can accept maximum 64 slaves. DALI uses standard power cables, 2 x 1,5 mm². Signal is not polarized.



Power manager 4x DALI

Constant current

D500309NANT

Constant voltage

D500306NANT

It is the optimal solution to handle a group of lighting devices, in constant current or constant voltage mode, through a signal generated by a DALI standard control unit. This enables dimming and/or colour changing, allowing energy saving and generation of pleasant visual effects. Compact and easy to install, this device is well suited for small fixture groups control.

Supply voltage

Low voltage SELV power supply input, from 11 Vdc to 52 Vdc, class III, maximum current 20 A in constant voltage, 2,8 A in constant current (700 mA)

Efficiency

>95%

Output

4 output channels; output voltage is input voltage less internal drop (0,9 V for constant voltage version, 2 V for constant current version); output current is 4 A per channel (constant voltage version) or regulated to 350 mA, 500 mA, 700 mA (constant current version)

Mounting

DIN rail mount (EN50022) (4 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -40°C to +60°C

Features

Provides modulation of 4 output channels according to digital control of a DALI bus. Output can be constant voltage or constant current. First channel address is set by three rotary dials or by bus

Construction

Self extinguishing PC/ABS Blend, compliant with DIN 43880

Net weight

0,125 Kg

Power manager 12x DALI

Constant voltage

D500308NANT

It is the optimal solution to handle a group of lighting devices, in constant voltage mode, through a signal generated by a DALI standard control unit. This enables dimming and/or colour changing, allowing energy saving and generation of pleasant visual effects. This unit has 12 independent units, with common positive/common anode configuration, to control up to 3 RGBW lines, 4 RGB lines or 12 monochromatic lines.

Supply voltage

Low voltage SELV power supply input, from 11 Vdc to 53 Vdc, class III, maximum input current 20 A

Efficiency

>95%

Output

12 output channels; output voltage is input voltage less internal drop 0,9 V; output current is 3 A per channel

Mounting

DIN rail mount (EN50022) (12 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -40°C to +60°C

Features

Provides modulation of 12 output channels according to digital control of a DALI bus. First channel address is set by three rotary dials or by bus

Construction

Self extinguishing PC/ABS Blend, compliant with DIN 43880

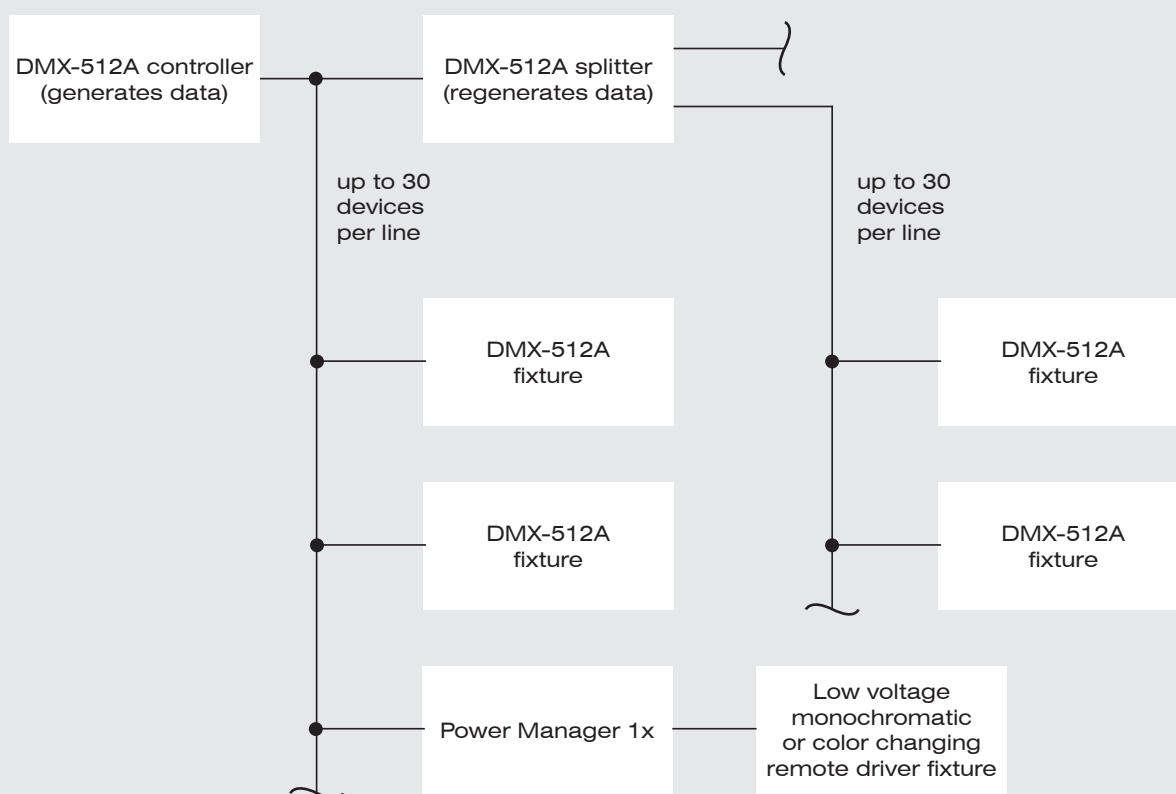
Net weight

0,2 Kg

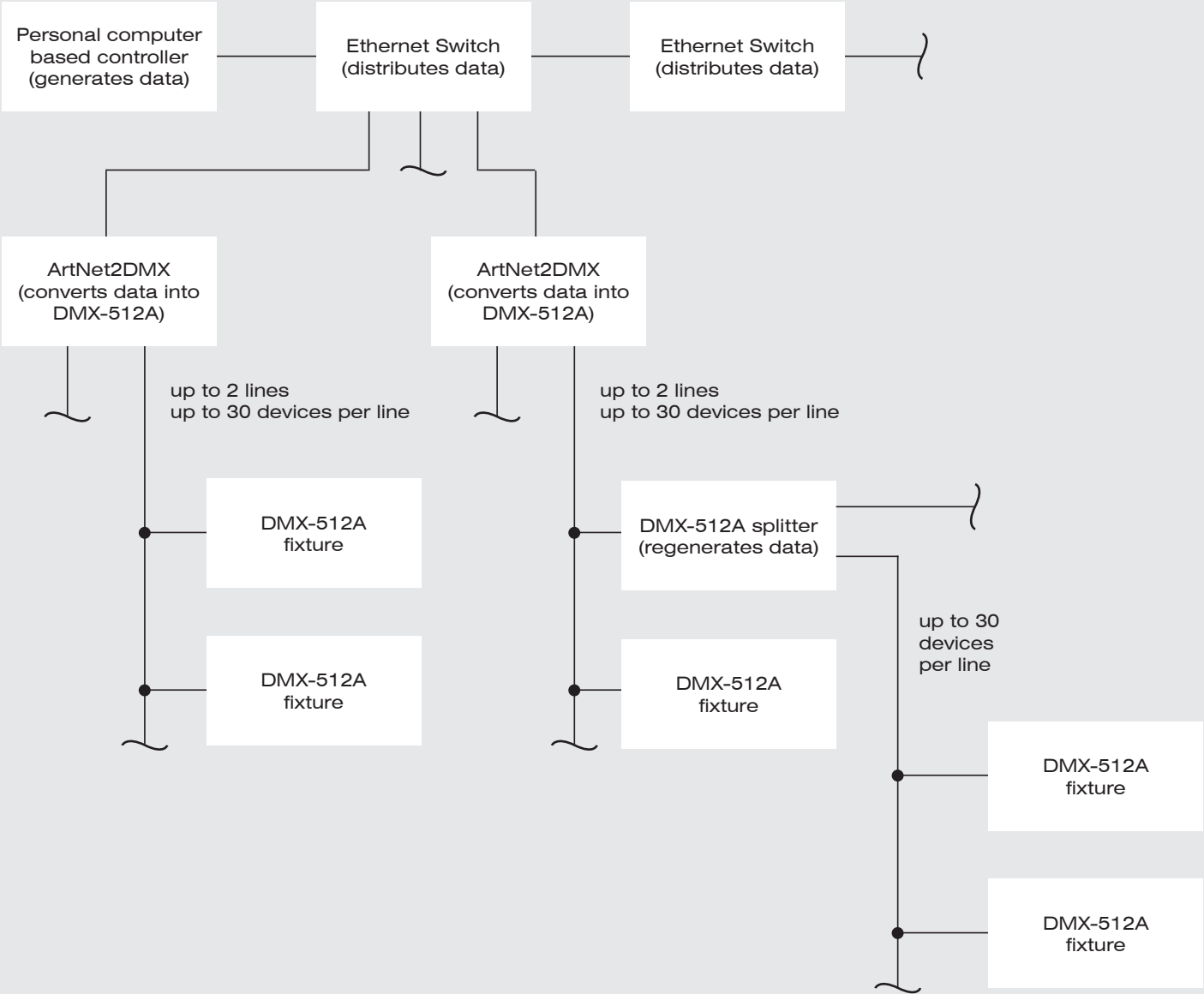
DMX 512A

This protocol is used for all kinds of dynamic architectural lighting and is the perfect solution for RGB light scenes. It has a high data transmission speed (250000 baud) and can control 512 independent channels. Diamante's appliances are compatible with RDM protocol, with bi-directional communication on the DMX-512A line for diagnostics and remote addressing. As a general rule, every line can accept 30 units at maximum; DMX-512A splitter is needed to extend line capacity. The cable used is a shielded, twisted pair cable; Ethernet (Cat.6 STP) cables can be used as well. Signal is polarized.

simple setup



complex setup



Power manager 4x DMX

Constant current

D500310NANT

Constant voltage

D500311NANT

It is the optimal solution to handle a group of lighting devices, in constant current or constant voltage mode, through a signal generated by a DMX-512A standard control unit. This enables dimming and/or colour changing, allowing energy saving and generation of pleasant visual effects. Compact and easy to install, this device is well suited for small fixture groups control.

Supply voltage

Low voltage SELV power supply input, from 11 Vdc to 52 Vdc, class III, maximum current 20 A in constant voltage, 2,8 A in constant current (700 mA)

Efficiency

>95%

Output

4 output channels; output voltage is input voltage less internal drop (0,9 V for constant voltage version, 2 V for constant current version); output current is 4 A per channel (constant voltage version) or regulated to 350 mA, 500 mA, 700 mA (constant current version)

Mounting

DIN rail mount (EN50022) (4 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -40°C to +60°C

Features

Provides modulation of 4 output channels according to digital control of a DMX-512A bus. Output can be constant voltage or constant current. First channel address is set by three rotary dials or by bus

Construction

Self extinguishing PC/ABS Blend, compliant with DIN 43880

Net weight

0,125 Kg

Power manager 12x DMX

Constant voltage

D500312NANT

It is the optimal solution to handle a group of lighting devices, in constant voltage mode, through a signal generated by a DMX-512A standard control unit. This enables dimming and/or colour changing, allowing energy saving and generation of pleasant visual effects. This unit has 12 independent units, with common positive/common anode configuration, to control up to 3 RGBW lines, 4 RGB lines or 12 monochromatic lines.

Supply voltage

Low voltage SELV power supply input, from 11 Vdc to 53 Vdc, class III, maximum current 20 A per input

Efficiency

>95%

Output

12 output channels; output voltage is input voltage less internal drop 0,9 V; output current is 3 A per channel

Mounting

DIN rail mount (EN50022) (12 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -40°C to +60°C

Features

Provides modulation of 12 output channels according to digital control of a DMX-512A bus. First channel address is set by three rotary dials or by bus

Construction

Self extinguishing PC/ABS Blend, compliant with DIN 43880

Net weight

0,2 Kg

ArtNet2DMX02

Low voltage

D900180NANT

It is an ArtNet to DMX-512A converter, with two outputs. On large scale set-ups, when multiple DMX-512A lines are needed, it is useful to distribute data from the controller via standard Ethernet infrastructure; locally, ArtNet2DMX02 devices transfer Ethernet data into DMX-512A packets, to control colour changing devices. ArtNet2DMX02 is compatible with all DMX-512A products and with ArtNet protocol. It can control up to 2 DMX-512A universes.

Supply voltage

12-24 Vdc 250 mA max via external power supply units or IEEE802.3af (PoE) for supply via PoE-enabled Ethernet Switch, class III

Input power

3 W

Mounting

Surface

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -40°C to +60°C

Features

Provides conversion from ArtNet data to DMX-512A data; it is useful on large installations, to operate a large amount of fixtures from a single controller

Maximum capacity

2 x DMX-512A universe output (512 addresses each)

Construction

Aluminium alloy, plexiglass, steel

Net weight

0,125 Kg

DMX Splitter

2 output

DMS02TPD230IP20

4 output

DMS04TPD230IP20

It is a DMX-512A booster splitter, with galvanic insulation and RDM compatibility. It is used where it is necessary to deploy DMX-512A data on lines that exceed the standard limits (of run length, devices count and/or topology). Every output is a new DMX-512A line, renewing run length, device count and topology limits. It is available with 2 or 4 outputs, DIN-mounted version.

Supply voltage

230 VAC, 50/60Hz, class II

Input power

5 W

Output

2 or 4 DMX-512A lines, with RDM support, optical insulation between input and outputs and between each output

Mounting

DIN rail mount (EN50022) (9 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -50°C to +80°C

Features

Provides extension of a DMX-512A line, replicating, buffering and insulating the input data. Device is transparent to RDM data.

Construction

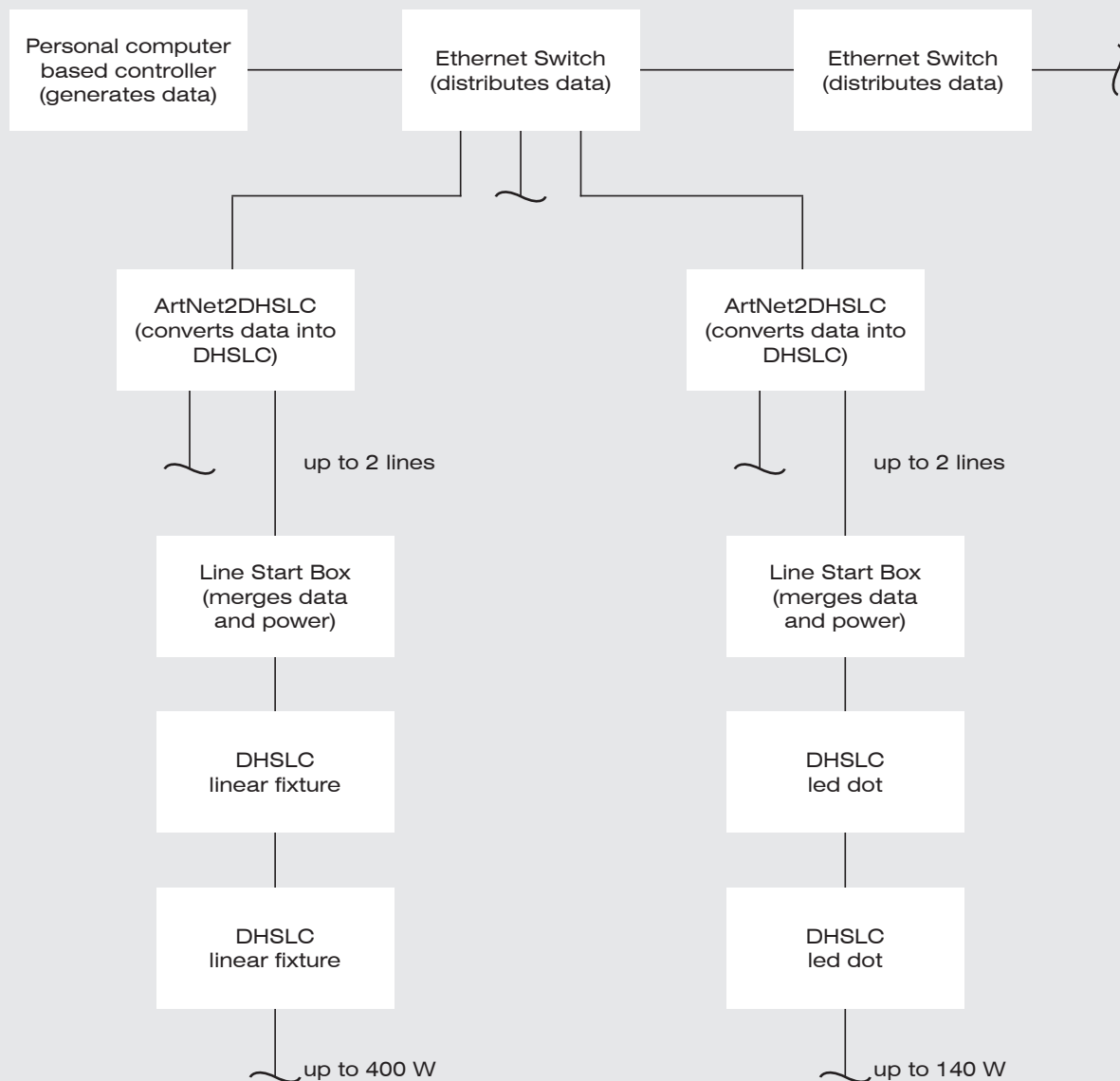
Self extinguishing PC/ABS Blend, RAL 7035, compliant with DIN 43880

Net weight

0,60 Kg

DHSLC

It is Diamante Lighting proprietary protocol used for dynamic architectural lighting in large set-ups for precise control of fixtures or fixtures parts. High speed data transfer, allowing to drive 512 channels per line at 50 packets per second. It features self addressing, making installation and maintenance easy: fixtures are identified by their position and no addresses. On large set ups a standard controller with ArtNet output can be used, allowing a wide choice among professional large scale control systems.



Artnet 2DHSLC

Low voltage

D900297NANT

It is an Artnet to DHSLC converter, with two outputs. On large scale setups, when multiple DHSLC lines are needed, it is useful to distribute data from the controller via standard Ethernet infrastructure; locally, Artnet 2DHSLC devices transfer Ethernet data into DHSLC packets, to control colour changing devices and enabling all DHSLC features (highspeed, self addressing). It can control up to 2 DHSLC lines.

Supply voltage

7 Vdc 300 mA max, fused, or IEEE802.3af (PoE) for supply via PoE-enabled Ethernet Switch, class III

Input power

5 W

Mounting

DIN rail mount (EN50022) (9 modules)

Protection rating

IP 20

Temperature limits

working temperature: from 0°C to +35°C

storage temperature: from -50°C to +80°C

Features

Provides conversion from ArtNet data to DHSLC data, enabling the use of standard lighting tools with proprietary self addressing DHSLC protocol

Maximum capacity

2 x DHSLC universe output (512 addresses each)

Construction

Self extinguishing PC/ABS Blend, RAL 7035 according to DIN 43880

Net weight

0,6 Kg

Line start and restart box

Line start box

DPC01PAH048ST65

Line restart box

DPC01PAH048RE65

It merges data and low voltage power in a DHSLC line, making installation easy and enhancing system reliability. Performs galvanic insulation of data input and guarantees overcurrent protection. Enclosed in a waterproof metal box, it must be installed close to the fixtures (maximum 2m), even in harsh environments. No addressing, coding or configuration is needed.

Supply voltage

Powered by the fixtures power supply, from 24 Vdc to 48 Vdc, class III

Efficiency

>95%

Mounting

Surface

Protection rating

IP 65

Temperature limits

working temperature: from -30°C to +50°C

storage temperature: from -50°C to +80°C

Features

Allows to merge DHSLC differential signal (from ArtNet2 DHSLC devices) with power line, to be used at the beginning of a DHSLC line; provides galvanic insulation between signal input and output

Construction

Painted aluminium die cast enclosure, polyurethane gaskets

Net weight

0,5 Kg

Technical details

power supply units, control units and symbols

Remote power supply units constant current

	Primary voltage	Frequency	Output current	Output power	Secondary voltage	Ambient temperature t_a	Dimensions (LxWxH)	Weight	IP rating	Control
	V AC	Hz	mA	W	V DC	°C	mm	Kg	IP	
D300013NANT	220-240	50-60	500	5,75	3-11,5	-10° +50°	76x32x22	0,045	20	On/off
D300005NANT	220-240	50-60	500	10	3-20	-10° +50°	75,3x39x22,2	0,05	20	On/off
D300010NANT	220-240	50-60	500	16,8	3-33	-10° +50°	125x38x23	0,08	20	On/off
D300190NANT	220-240	50-60	350	20	28-56	-25° +50°	125x38x23	0,08	20	On/off
D300191NANT	220-240	50-60	500	28	28-56	-25° +50°	125x38x23	0,08	20	On/off
D300283NANT	220-240	50-60	500	10	2-20	-10° +50°	79x38x24,5	0,05	67	On/off
D300017NANT	220-240	50-60	500	14	3-28	-10° +50°	79x39x19	0,08	67	On/off
D300167NANT	220-240	50-60	500	28	28-56	-25° +50°	120x38x24,5	0,21	67	On/off
D300249NANT	220-240	50-60	350	19,6	28-56	-25° +50°	120x38x24,5	0,21	67	On/off
D300118NANT	220-240	50-60	500	20	3-40	-10° +50°	156x51,5x25,5	0,05	20	Dali
D300281NANT	220-240	50-60	500	20	5-40	-25° +45°	110,4x52x22	0,106	20	Dali
D300282NANT	198-264	50-60	350	18,9	10-54	-25° +50°	146,5x44x30	0,137	20	Dali

Remote power supply units constant voltage

	Primary voltage	Frequency	Output current	Output power	Secondary voltage	Ambient temperature t_a	Dimensions (LxWxH)	Weight	IP rating	Control
	V AC	Hz	mA	W	V DC	°C	mm	Kg	IP	
D300266NANT	100-305	50-60	3,1	75	24	-25° +60°	140x63x32	0,58	67	On/off
D300267NANT	100-305	50-60	6,25	150	24	-25° +55°	180x63x35,5	0,8	67	On/off
D300268NANT	100-305	50-60	8,3	200	24	-25° +50°	199x63x35,5	0,85	67	On/off
D300195NANT	90-305	50-60	20	480	24	-25° +60°	262x125x43,8	2,8	67	On/off
D300277NANT	90-305	50-60	0,84	40	48	-25° +70°	171x61,5x36,8	0,73	67	On/off
D300273NANT	100-305	50-60	1,6	75	48	-25° +70°	180x63x35,5	0,8	67	On/off
D300275NANT	100-305	50-60	1,6	75	48	-25° +70°	180x63x35,5	0,8	67	Dali
D300215NANT	100-305	50-60	3,13	150	48	-25° +70°	219x63x35,5	0,95	67	On/off
D300270NANT	100-305	50-60	3,13	150	48	-25° +70°	219x63x35,5	0,95	67	Dali
D300185NANT	100-305	50-60	5	240	48	-25° +70°	244x71x37,5	1,22	67	On/off
D300272NANT	100-305	50-60	5	240	48	-25° +70°	244x71x37,5	1,22	67	Dali
D300193NANT	90-305	50-60	10	480	48	-25° +60°	262x125x43,8	2,8	67	On/off
D300278NANT	220-240	50-60	1	50	48	-25° +45°	225x60x36	0,29	20	On/off
D300279NANT	220-240	50-60	1,45	70	48	-25° +45°	225x60x36	0,29	20	On/off
D300280NANT	220-240	50-60	3	150	48	-25° +45°	231x60x49	0,345	20	On/off

Description	Input Vdc	Current	Efficiency	Ambient temperature t_a	Dimensions (LxWxH)	Weight	IP rating	
	V	A	%	°C	mm	Kg	IP	
DMX regulator with 4 channels CV	12-48	max 20 total	95	-25° +60°	72x92x62	0,125	20	D500311NANT
DMX regulator with 12 channels CV	12-48	max 20 total	95	-25° +60°	143x91x62	0,2	20	D500312NANT
DMX regulator with 4 channels CC	12-48	0,35-0,5-0,7	95	-25° +60°	72x92x62	0,125	20	D500310NANT
DALI regulator with 4 channels CV	12-48	max 20 total	95	-25° +60°	72x92x62	0,125	20	D500306NANT
DALI regulator with 12 channels CV	12-48	max 20 total	95	-25° +60°	143x91x62	0,2	20	D500308NANT
DALI regulator with 4 channels CC	12-48	0,35-0,5-0,7	95	-25° +60°	72x92x62	0,125	20	D500309NANT
Start box for a DHSLC line	24-48	10	95	-30° +50°	100x100x59	0,5	65	DPC01PAH048ST65
Restart box for a DHSLC line	24-48	10	95	-30° +50°	100x100x59	0,5	65	DPC01PAH048RE65
Terminal block to facilitate series connection	\	\	\	0° +40°	87x48x204	0,45	20	PWC08TPX000IP20

IP.. IP RATING

The resistance of the fitting to the penetration of solids and liquids is stated by the letters IP (Ingress Protection) followed by two digits. The first digit identifies the protection degree (on a scale from 1 to 6) against the entry of solid bodies; the second one concerns the penetration of liquids (on a scale from 0 to 8).

IP 1...
Protected against the entry of solid bodies with dimension of more the 50 mm.

IP 2...
Protected against the entry of solid bodies with dimension of more the 12 mm.

IP 3...
Protected against the entry of solid bodies with dimensions of more than 2.5 mm.

IP 4...
Protected against the entry of solid bodies with dimensions of more than 1 mm.

IP 5...
Protected against the penetration of dust.

IP 6...
Strong protection from dust.

IP ...0
No protection against liquids.

IP ...1
Protected against the vertical falling of water drops.

IP ...2
Protected against the falling of water with a maximum inclination of 15°

IP ...3
Protected against rain.

IP ...4
Protected against sprinklings.

IP ...5
Protected against water jets.

IP ...6
Protected against heavy waves.

IP ...7
Protected against 'dive'.

IP ...8
Protected against continuous immersion.



CLASS I

Equipment with metal parts constantly connected to the earth circuit.



CLASS II

Equipment with live parts insulated from one another and from the outside with double or reinforced insulation and without earthing devices.



CLASS III

Devices with reduced insulation because it is intended to be powered by a low voltage (SELV) and in which you generate voltages higher than the value of such a system.



The CE mark certifies a product's compliance with European safety regulations.



IK RATING

The IK code is an international numeric classification for the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts. The classification is based on the regulations EN 62262, that ranges from a minimum value IK00 (unprotected), up to the value IK10 (protected from equivalent impact to the force exerted by a weight of 5 Kg dropped from a 1 meter level).

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Notes

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