

**Exenia
Outdoor
2019/2020_**



19 / 20

Exenia Outdoor_

exenia
part of the lumenpulse
GROUP

Lighting has always been a creative design process, sometimes used as an enhancement of the context, other times isolated as an accessory phase of the architectural composition or relegated to mere necessity, but above all it is, and cannot be other than the revelation of the living and inhabited environment.

Lighting the exterior is something even more delicate, that acts where the building ends and the surroundings begin.

In this case, we work in areas that are often shared, in those border spaces that have little of the exclusively private home environment. We are outside, where stranger looks can travel through space and where often these same spaces are constructed in order to be the filter between the natural and the designed. In some places the quality of lighting becomes a shared quality, an addition to the urban landscape: even when it appears to be limited in the individual garden, it influences and conditions the general context, more than we can imagine.

In the outdoors, the perception of light and its diffusion take very marked evidence and their management becomes the creation of atmospheres that are useful and delightful. When the instruments allow non-invasive installations the control of light becomes the creation of emotional and balanced scenarios, without light pollution.

We think the best outdoor product is that which illuminates while remaining invisible, so we have studied solid but non-invasive geometries where vegetation never represents an obstacle but rather participates and completes the design framework.

Our collection is virtually divided into two worlds, that of the indispensable elements, drawn with elementary and minimal geometries, and that of the characterizing elements where the product provides maximum camouflage and unexpected strength.

In these two areas, we have the possibility of countless configurations, optical types, and installation options. We have obtained a range of products organized by complementary elements, where it is not only possible to read a stylistic continuity, but it is also easy to configure complex products where a decorative appearance hides high-quality optics and performances. On these basis arises the design of our instruments: performances, camouflage and controlled beams are the weapons that make them effective players in balanced and professional projects.

To ensure quality, we submit our products to cyclic immersion and pressure spraying, a testing method that allows us to bring the conditions of use to the limit and prevent damage even in extraordinary situations.

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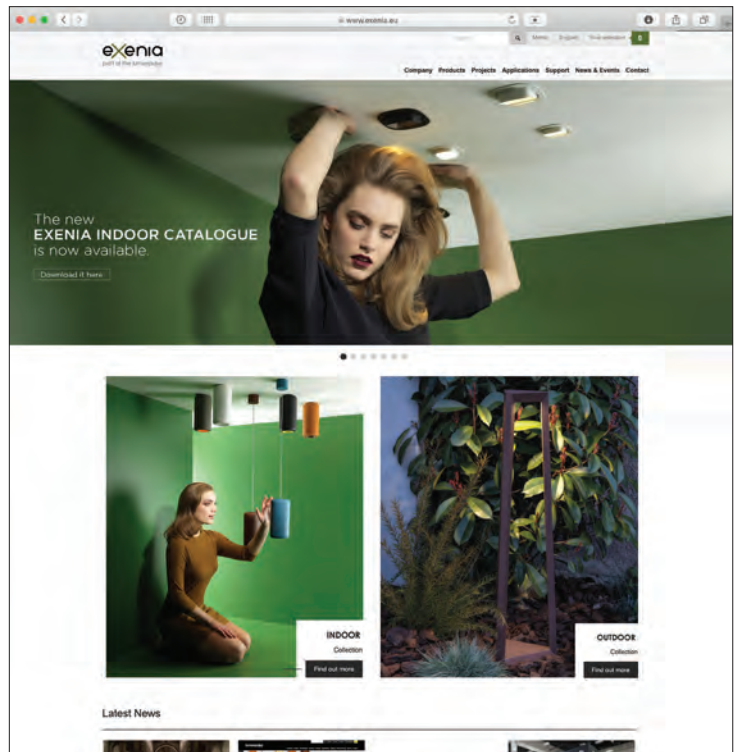
Tell me how you talk! Our new configurator_

This catalogue is innovative since it introduces a configurator to select a product and its characteristics. Thus, this tool standardizes the reading along with our website.

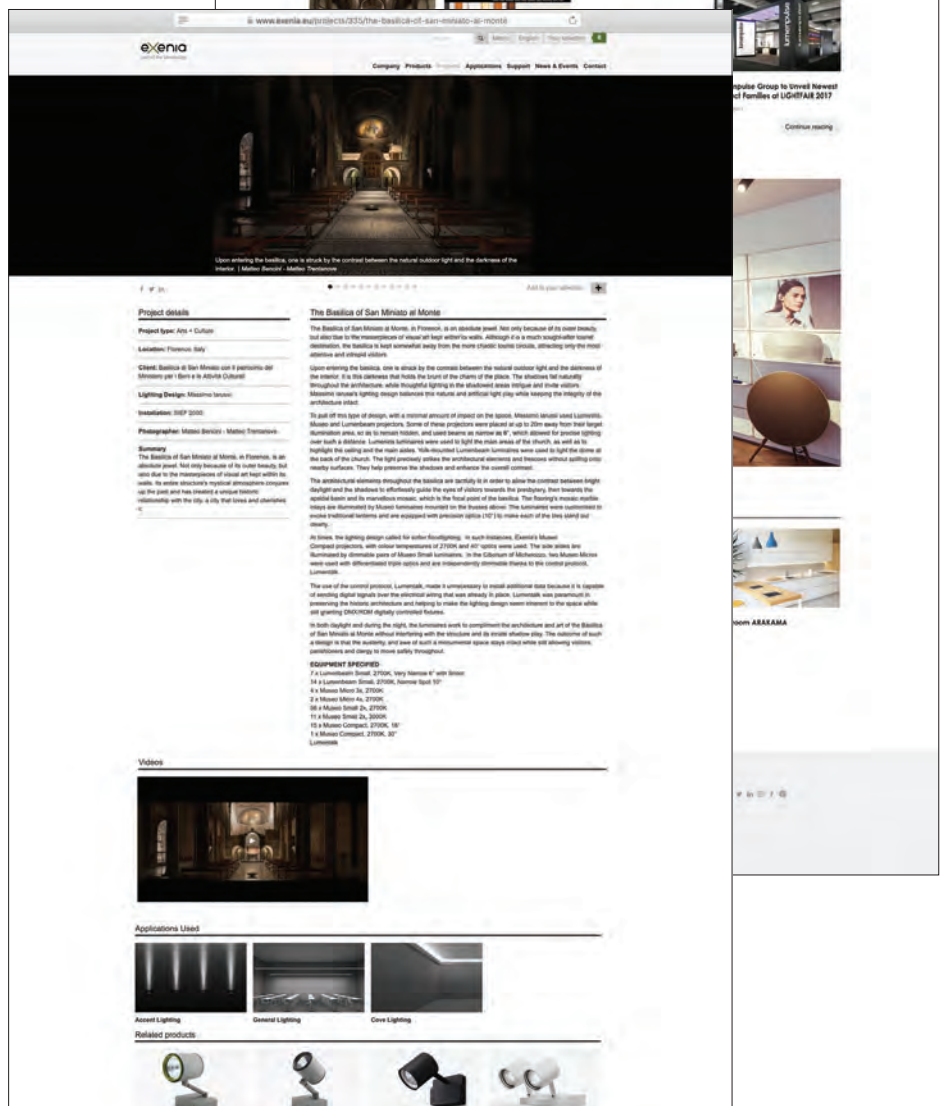
By using our configurator, it is possible to choose colour rendering, temperatures and the available control systems. Our configurator greatly improves freedom of choice and product knowledge.

TELL ME HOW YOU TALK_Configurator by Exenia

Homepage



Project page



Slide show with project images.

Project Details and references and a description of the project phases.

Video, when available.

Type of application and products used.

Product page

Slide show with product images.

Main characteristics and advantages, brief description.

Download area: .idt file, technical data sheet summarizing all product features, catalogue extract and technical instructions.

Main features defined by the icons.

Configurator.

Projects in which the product has been used.

Related and/or coordinated products.

The screenshot displays the product page for the TRIPO medium 600mm - 230V. At the top, there is a navigation bar with the Exenia logo and links for 'Company', 'Products', 'Projects', 'Applications', 'Support', 'News & Events', and 'Contact'. The main heading is 'TRIPO medium 600mm - 230V'. Below this is a large image of the product in a natural setting. A 'Features & Benefits' section lists performance, optics, physical, and electrical details. A '600mm high triangular shaped bollard' section provides a detailed description of the product's design and mounting. A 'CRC' section highlights the corrosion-resistant coating. The 'Finish Protection Rating' section shows an IP65 rating. The 'Certification' section includes CE and GS logos. The 'Product Configurator' section is a large, interactive area with various dropdown menus and buttons for selecting options like housing, power, body finish, cover finish, and connectors. Below the configurator, there are sections for 'Connectors', 'Connector options', and 'Related products' which shows a grid of other product models.

Our paper catalogue

Intro

TRIPO SMALL 300 / MEDIUM 600 / LARGE 800



TRIPO
Discovers luminaires with 120° or 550° beam distribution.

Boiled with triangular structure, 800 mm high for ground and wall mounting equipped with LED board and waterproof diffuser, with 20° emission beam, also available with three spheres for omnidirectional light distribution. The structure is designed to be robust and lightweight, easily installable into the surrounding environment. The accessory sphere, installed at the factory, gives the

future nighttime visibility, transforming it from a generic light source into a signal and a presence. 800000 lumen/watt power from 4.5w (4500K) or 8w (3000K) in 2700K, 3000K or 4000K in CCT. Lifetime of 40,000 hours at L80. The powder-coated finish options include natural and textured colors such as: carbon grey, mud brown, matt sand, warm white and rust effect. Protection grade IP65. As an alternative to the diffusing sphere, a shading accessory is available to transform the emission by participating in the aesthetics of the product, giving it a strong decorative and atmospheric appearance up to three meters can be used per application. This product complies with EN 62471:2008 requirements. It is classified as low risk for photobiological safety of lighting systems (RSLC). Implementation suggested in environments subject to extreme conditions, is available upon request.

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Each product comes with a picture of the fixture or the project, its summary table with the main features.

Data-sheet - configurator

TRIPO SMALL 300

Product configurator

Code Source Finish CRI - CCT Optic

TRIPO SMALL 300 - 24V

Code	Source	Kg	Finish	CRI - CCT
8 408 30 24 /05	LED - 4.5W	1.2	RU	/8527
/08	LED - 8W	1.2	MB	/8540

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Product configurator

Code Source Finish CRI - CCT Optic

TRIPO SMALL 300 - 80V

Code	Source	Kg	Finish	CRI - CCT
8 408 30 80 /05	LED - 4.5W	1.2	RU	/8527
/08	LED - 8W	1.2	MB	/8540

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For each product a common code is shown, then you will fill each field by using the code corresponding to the selected features, such as control system, power, finish and CRI-CCT. When necessary it is indicated that the code must be completed to select Ring-Optics or Power Supply, depending on the product.

Data-sheet - Photometric data

TRIPLO MEDIUM 600

Product configurator

Code: Finish: CR: CCT: Optic:

* For the version CR 85 - 3000K it is not necessary to fill in the field

TRIPLO MEDIUM 600 - 85W					
Code	Beam	kg	Finish	CR - CCT	Optic
R 6038 85 85	85°	1.7	RS	85 - 3000K	RE227 85 - 2700K
	85°	1.7	RS	85 - 3000K	RE228 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE229 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE230 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE231 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE232 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE233 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE234 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE235 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE236 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE237 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE238 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE239 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE240 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE241 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE242 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE243 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE244 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE245 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE246 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE247 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE248 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE249 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE250 85 - 3000K

Optic:

RE227 Wide 100°

RE228 Omnidirectional 180°

RE229 Wide 100°

RE230 Omnidirectional 180°

RE231 Wide 100°

RE232 Omnidirectional 180°

RE233 Wide 100°

RE234 Omnidirectional 180°

RE235 Wide 100°

RE236 Omnidirectional 180°

RE237 Wide 100°

RE238 Omnidirectional 180°

RE239 Wide 100°

RE240 Omnidirectional 180°

RE241 Wide 100°

RE242 Omnidirectional 180°

RE243 Wide 100°

RE244 Omnidirectional 180°

RE245 Wide 100°

RE246 Omnidirectional 180°

RE247 Wide 100°

RE248 Omnidirectional 180°

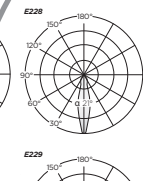
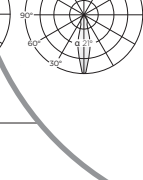
RE249 Wide 100°

RE250 Omnidirectional 180°

TRIPLO MEDIUM 600 accessories

Product configurator

Code: Finish: Color:

TRIPLO MEDIUM					
Power	Power consumption	CRI - CCT	Nominal	Optic	
4,5W	4,5W	85 - 3000K	520	Wide	E228
				Omnidir.	E229
				Wide	E228
				Omnidir.	E229
				Wide	E228
8W	8W	85 - 3000K	750	Wide	E228
				Omnidir.	E229
				Wide	E228
				Omnidir.	E229
				Wide	E228

You can see polar diagrams for each for each available beam, following the data of the power, true absorbed power, CRI-CCT, nominal flow, the optics with beam angles and the reference number of the polar diagram. The nominal flows that depend on the selected optics and the efficiency of the fixtures are shown for an easier comparison.

TELL ME HOW YOU TALK_Configurator by Exenia

Accessories

TRIPLO MEDIUM 600

Product configurator

Code: Finish: CR: CCT: Optic:

* For the version CR 85 - 3000K it is not necessary to fill in the field

TRIPLO MEDIUM 600 - 85W					
Code	Beam	kg	Finish	CR - CCT	Optic
R 6038 85 85	85°	1.7	RS	85 - 3000K	RE227 85 - 2700K
	85°	1.7	RS	85 - 3000K	RE228 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE229 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE230 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE231 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE232 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE233 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE234 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE235 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE236 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE237 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE238 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE239 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE240 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE241 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE242 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE243 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE244 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE245 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE246 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE247 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE248 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE249 85 - 3000K
	85°	1.7	RS	85 - 3000K	RE250 85 - 3000K

Optic:

RE227 Wide 100°

RE228 Omnidirectional 180°

RE229 Wide 100°

RE230 Omnidirectional 180°

RE231 Wide 100°

RE232 Omnidirectional 180°

RE233 Wide 100°

RE234 Omnidirectional 180°

RE235 Wide 100°

RE236 Omnidirectional 180°

RE237 Wide 100°

RE238 Omnidirectional 180°

RE239 Wide 100°

RE240 Omnidirectional 180°

RE241 Wide 100°

RE242 Omnidirectional 180°

RE243 Wide 100°

RE244 Omnidirectional 180°

RE245 Wide 100°

RE246 Omnidirectional 180°

RE247 Wide 100°

RE248 Omnidirectional 180°

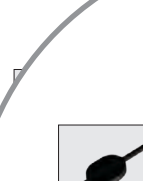
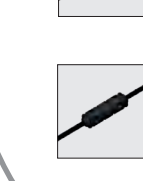
RE249 Wide 100°

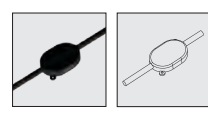
RE250 Omnidirectional 180°

TRIPLO MEDIUM 600 accessories

Product configurator

Code: Finish: Color:




With this accessory, you can create connections while ensuring IP68 grade protection.

IP68

Connect Code

9G 065



With this accessory, you can create connections while ensuring IP68 grade protection.

IP68

Connector Code

9G 066

Complete list of available accessories.

Finally out!_

It was time to go for a walk, taking “outside” the passion, the attention and the experience Exenia has acquired to this date. We offer small, resistant, mimetic and performing products, essential geometries with warm and natural finishes.

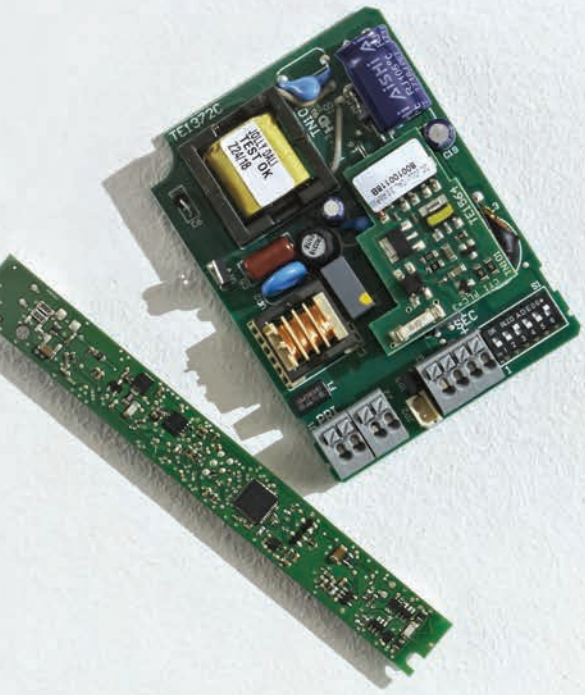




The image features several optical components and lenses scattered across a white background. At the top, there are several small, circular lenses and a larger, more complex lens assembly. Below the main text, there are several larger lenses, including a prominent one with a textured, concentric ring pattern. The components are arranged in a way that suggests a variety of optical solutions.

An optical solution_

An optical system that works well not only excels in lumens output, but it enables manufacturers to offer products with reduced power, allowing planners to optimize consumption. For us, the innovation cycle ends when the technical advantage returns to the common plate and is summed up in quality of life.



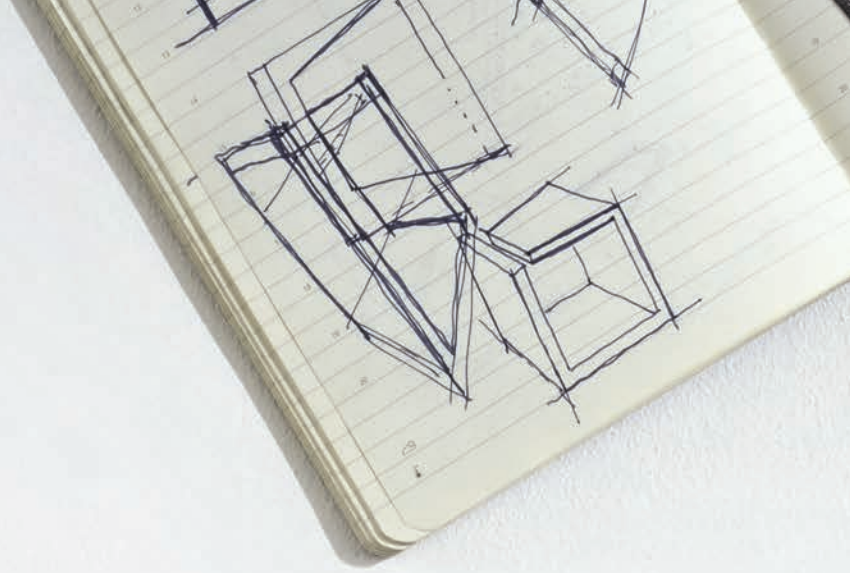


Naturally resistant _

We wanted to pay attention to the durability of our models, ensuring that even the most delicate of them could resist impact and be protected from ordinary maintenance tools. Our products are all designed as watertight units: insulating the vital components we guarantee water tightness even during installation. And for more extreme conditions, fixtures can be supplied with CRC treatment.







Size matters_

Our wish was to be invisible, so we worked to be as confined as technology allows us to be. We prefer to be timid rather than bold and so we tuned performance and size in essential and versatile products that know how to move in various contexts in the most respectful and minimal way possible.







A natural palette_

Choosing rough and opaque finishes with highly mimetic colors directly inspired by natural materials is the basis of our idea of environmental integration of the fixture. White plaster, sand gray, mud, rust, cement, charcoal gray: tactile and opaque surfaces, interacting with metallic effects of dark bronze, copper and gold defined to be harmonious and coherent with matter and the patina of time.





WOLF

WOLF _ projector





With the perfect balance between performance and compact dimensions, this projector is designed to solve the needs of accent lighting in the most varied contexts. Precision optics and high-quality materials make it a flexible, reliable and professional tool, capable of adapting to environmental requirements and plant choices in a natural way thanks to the variety of optical versions and optical accessories. As an optional accessory, the translucent front rings can obtain aesthetic connotations and notes of color that “lit up” without affecting the proper aspects of the emitted beam.

WOLF BASE

WOLF BASE_ projector



WOLF BASE

LED base projector with integral power supply_

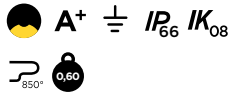
LED base projector with body in die-cast aluminium and glass sealed optical chamber. Luminaire head allows for 305° rotation and 135° tilt. Available with nominal 7W (840lm) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80 B10. Natural powder coat finish options include carbon grey,

mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15°), Flood (21°), Medium (32°) and Wide (38°). WOLF is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured ring, snoot, visor and adjustable elliptical lens accessory 14°x60° (field changeable

and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. Ingress protection of IP66. Class I luminaire including ON/OFF power supply fitted in the base.



WOLF BASE



Product configurator

8 402 40 50

Code Power Finish CRI - CCT* Optic Accessory

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

WOLF BASE 7W

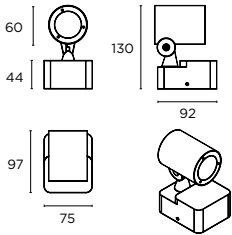
Code Power Kg Finish

8 402 40 50	7W	0,60	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt
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CRI - CCT Optic Accessory

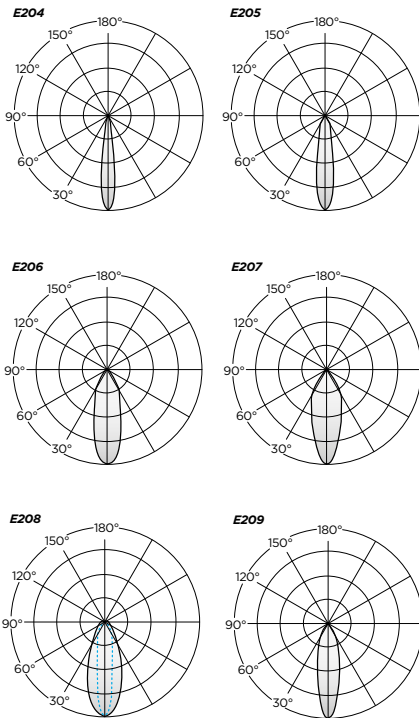
-	85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527	95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530	95 - 3000K	/M Medium 32°	
/9540	95 - 4000K	/W Wide 38°	

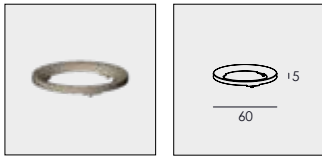
WOLF BASE_ projector



WOLF BASE

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
7W	7W	85 - 3000K	840 lm	Spot 15°	E204 627 lm	94 lm/W
				Flood 21°	E205 618 lm	92 lm/W
				Medium 32°	E206 624 lm	93 lm/W
				Wide 38°	E207 592 lm	88 lm/W
				Ellipse	E208 504 lm	75 lm/W
				Honeycomb	E209 390 lm	58 lm/W
95 - 2700K	665 lm	95 - 2700K	665 lm	Spot 15°	E204 496 lm	74 lm/W
				Flood 21°	E205 489 lm	73 lm/W
				Medium 32°	E206 494 lm	74 lm/W
				Wide 38°	E207 469 lm	70 lm/W
				Ellipse	E208 399 lm	60 lm/W
				Honeycomb	E209 309 lm	46 lm/W
95 - 3000K	695 lm	95 - 3000K	695 lm	Spot 15°	E204 519 lm	77 lm/W
				Flood 21°	E205 511 lm	76 lm/W
				Medium 32°	E206 516 lm	77 lm/W
				Wide 38°	E207 490 lm	73 lm/W
				Ellipse	E208 417 lm	62 lm/W
				Honeycomb	E209 323 lm	48 lm/W
95 - 4000K	745 lm	95 - 4000K	745 lm	Spot 15°	E204 556 lm	83 lm/W
				Flood 21°	E205 548 lm	82 lm/W
				Medium 32°	E206 553 lm	83 lm/W
				Wide 38°	E207 525 lm	78 lm/W
				Ellipse	E208 544 lm	67 lm/W
				Honeycomb	E209 346 lm	52 lm/W





Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring

Code

- 8 400 90 00**
- T0** ○ neutral
 - T1** ● orange
 - T2** ● green
 - T6** ● blue



Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off

Code

9G 050

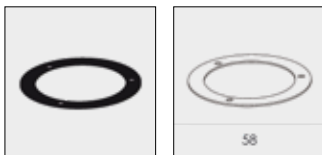


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor

Code

9G 051



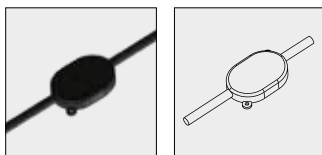
With this accessory you can obtain a narrow beam with an elliptical 18°x40° shape

Elliptical lens

Code

9G 052

only for Spot optics



With this accessory, you can create connections while ensuring IP68 grade protection.

Connector

Code

9G 065 3x1 mmq - 2 outputs

IP₆₈

WOLF

WOLF_ projector



WOLF

LED projector with remote power supply_

LED projector with body in die-cast aluminium and glass sealed optical chamber. To be specified with remote power supply and a choice of wall mount, tree mount or stake mount options. The luminaire head allows for 305° rotation and 135° tilt. Available with nominal 7W (840lm) or 13W(1690m) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80

B10. Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15° for 7W and 19° for 13W), Flood (21° for 7W and 25° for 13W), Medium (32° for 7W and 37° for 13W) and Wide (38° for 7W and 54° for 13W). WOLF is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured

ring, snoot, visor (field changeable and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. Ingress protection of IP66. Class III luminaire for use with remote ON/OFF or DALI power supply.





Product configurator

8 402 40 **54** + Driver

Code Power Finish Version CRI - CCT* Optic Accessory

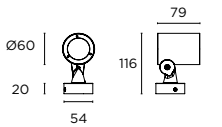
** For the version CRI 85 - 3000K it is not necessary to fill in the field.*

WOLF 7W

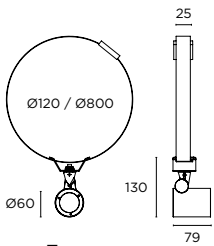
Code	Power	Finish	Version	Kg
8 402 40	54	7W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	/WM wall 0,35 /TM tree 0,35 /SK stake 0,35

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

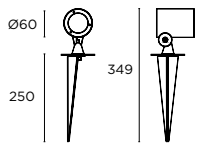
WOLF_projector



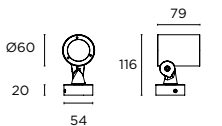
Wall



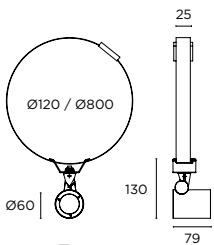
Tree



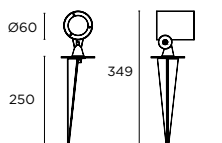
Stake



Wall



Tree



Stake

Product configurator

8 402 40 **55** + Driver

Code Power Finish Version CRI - CCT* Optic Accessory

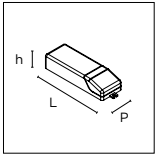
** For the version CRI 85 - 3000K it is not necessary to fill in the field.*

WOLF 13W

Code	Power	Finish	Version	Kg
8 402 40	55	13W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	/WM wall 0,35 /TM tree 0,35 /SK stake 0,35

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

+



Driver LED

IP₆₇							
Driver for 7W							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9D0 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 pcs.	
9D0 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 3 pcs.	

IP₂₀							
Driver for 7W							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9D0 700 09 AL	ON-OFF	76x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 pcs.	
9D0 700 20 AL	ON-OFF	125x38x23	20W - 700mA	220/240V	0/50/60Hz	max 2 pcs.	
9D0 700 30 AL	ON-OFF	125x38x23	30W - 700mA	220/240V	0/50/60Hz	max 3 pcs.	
9DM 008 DD TC	DALI	120x52x22	20W - 700mA	220/240V	50/60Hz	max 2 pcs.	

IP₆₇							
Driver for 13W							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 pcs.	
9D0 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 pcs.	

IP₂₀							
Driver for 13W							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9D0 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 pcs.	
9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 pcs.	

WOLF 24/48V



Product configurator

8 402 40 40 + Driver

Code Power Finish Version CRI - CCT* Optic Accessory

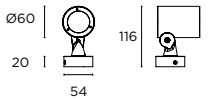
* For the version CRI 85 - 3000K it is not necessary to fill in the field.

WOLF 24/48V - 7W

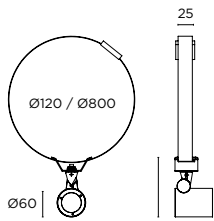
Code	Power	Finish	Version	Kg
8 402 40	40 7W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt	/WM wall /TM tree /SK stake	0,35 0,35 0,35

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

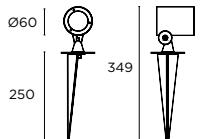
WOLF_projector



Wall



Tree



Stake

Product configurator

8 402 40 4A + Driver

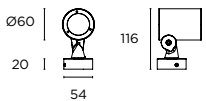
Code Power Finish Version CRI - CCT* Optic Accessory

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

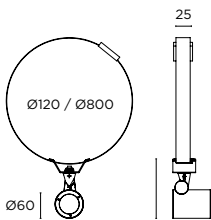
WOLF 48V - 13W

Code	Power	Finish	Version	Kg
8 402 40	4A 13W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt	/WM wall /TM tree /SK stake	0,35 0,35 0,35

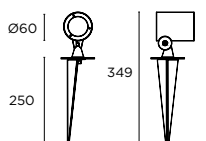
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	



Wall

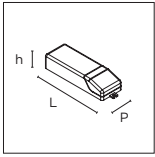


Tree



Stake

+



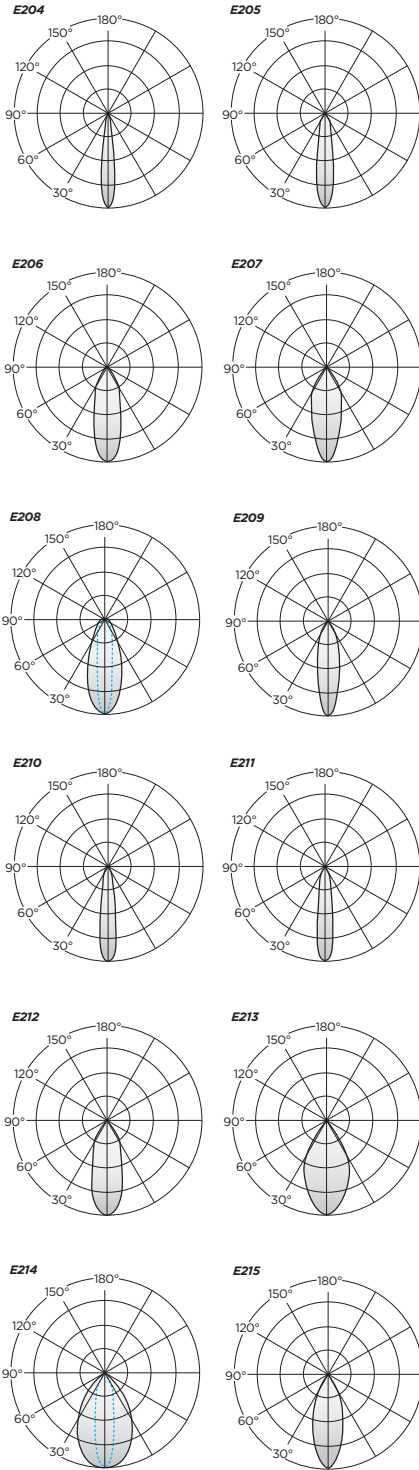
Driver LED

Driver for 7W							
<i>IP</i> ₆₇	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9D 24V 014 AL/IP67	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 pcs.
	9D 24V 024 DDAL/IP67	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 pcs.

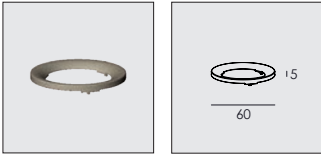
Driver for 7W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz	max 1 pcs.
	9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 pcs.
	9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 pcs.
	9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 pcs.
	9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 pcs.
	9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 pcs.
	9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 pcs.
	9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 pcs.
	9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 pcs.
	9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 pcs.

Driver for 13W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 pcs.
	9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 pcs.
	9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 pcs.
	9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 pcs.
	9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 pcs.

WOLF



Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy		
7W	7W	85 - 3000K	840 lm	Spot 15°	E204 627 lm	94 lm/W		
				Flood 21°	E205 618 lm	92 lm/W		
				Medium 32°	E206 624 lm	93 lm/W		
				Wide 38°	E207 592 lm	88 lm/W		
				Ellipse	E208 504 lm	75 lm/W		
				Honeycomb	E209 390 lm	58 lm/W		
				95 - 2700K	665 lm	Spot 15°	E204 496 lm	74 lm/W
				Flood 21°	E205 489 lm	73 lm/W		
				Medium 32°	E206 494 lm	74 lm/W		
				Wide 38°	E207 469 lm	70 lm/W		
Ellipse	E208 399 lm	60 lm/W						
Honeycomb	E209 309 lm	46 lm/W						
95 - 3000K	695 lm	85 - 3000K	695 lm	Spot 15°	E204 519 lm	77 lm/W		
				Flood 21°	E205 511 lm	76 lm/W		
				Medium 32°	E206 516 lm	77 lm/W		
				Wide 38°	E207 490 lm	73 lm/W		
				Ellipse	E208 417 lm	62 lm/W		
				Honeycomb	E209 323 lm	48 lm/W		
				95 - 4000K	745 lm	Spot 15°	E204 556 lm	83 lm/W
				Flood 21°	E205 548 lm	82 lm/W		
				Medium 32°	E206 553 lm	83 lm/W		
				Wide 38°	E207 525 lm	78 lm/W		
Ellipse	E208 447 lm	67 lm/W						
Honeycomb	E209 346 lm	52 lm/W						
13W	12,2W	85 - 3000K	1690 lm	Spot 19°	E210 1183 lm	97 lm/W		
				Flood 25°	E211 1164 lm	95 lm/W		
				Medium 37°	E212 1222 lm	100 lm/W		
				Wide 54°	E213 1175 lm	96 lm/W		
				Ellipse	E214 1108 lm	91 lm/W		
				Honeycomb	E215 741 lm	61 lm/W		
				95 - 2700K	1300 lm	Spot 19°	E210 910 lm	75 lm/W
				Flood 25°	E211 895 lm	73 lm/W		
				Medium 37°	E212 940 lm	77 lm/W		
				Wide 54°	E213 904 lm	74 lm/W		
Ellipse	E214 852 lm	70 lm/W						
Honeycomb	E215 570 lm	47 lm/W						
95 - 3000K	1370 lm	85 - 3000K	1370 lm	Spot 19°	E210 959 lm	79 lm/W		
				Flood 25°	E211 944 lm	77 lm/W		
				Medium 37°	E212 991 lm	81 lm/W		
				Wide 54°	E213 953 lm	78 lm/W		
				Ellipse	E214 898 lm	74 lm/W		
				Honeycomb	E215 601 lm	49 lm/W		
				95 - 4000K	1485 lm	Spot 19°	E210 1040 lm	85 lm/W
				Flood 25°	E211 1023 lm	84 lm/W		
				Medium 37°	E212 1074 lm	88 lm/W		
				Wide 54°	E213 1032 lm	85 lm/W		
Ellipse	E214 974 lm	80 lm/W						
Honeycomb	E215 651 lm	53 lm/W						



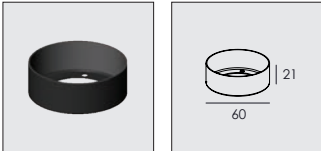
Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring

Code

8 400 90 00

- T0** ○ neutral
- T1** ● orange
- T2** ● green
- T6** ● blue



Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off

Code

9G 050

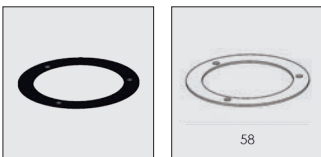


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor

Code

9G 051



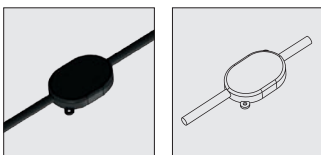
With this accessory you can obtain a narrow beam with an elliptical 18°x 40° (7W), 23°x65° (13W) shape.

Elliptical lens

Code

9G 052

only for Spot optics



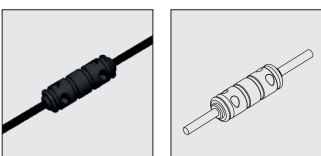
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

CACTUS

CACTUS_pole mount system





Designed as a flexible product among projector and floodlight applications, the Cactus line with its wide range of configurations, presents itself as a real outdoor system. On the aluminum profile, we can aggregate or distribute diversified sources paired with slim but very strong stems.

The design of the Cactus support is dictated by the search for small dimensions and contextual resistance, two requirements that allow it to be used in a very wide spectrum of applications. Engineering and common sense have established the possibility of reaching a height of two meters with a slender and robust structure that makes the cactus system a light and elegant sign with a very low visual impact on the context.

CACTUS

CACTUS_pole mount system



CACTUS

Pole mount system to use with WOLF LED projector_

Pole mount system to use with WOLF LED projector for surface and wall mount installations. The CACTUS pole is available in three standard lengths of 600mm, 1000mm and 2000mm. Up

to three WOLF LED projectors can be fitted on the CACTUS pole for 1000mm and 2000mm. Up to two LED projectors can be fitted on the 600mm CACTUS. Natural powder coat finish options

include carbon grey, mud brown, matt sand, matt white textured and rust effect. A range of external drivers and accessories is available for this range to enable ON/OFF and DALI dimming.



CACTUS

CACTUS_pole mount system





CACTUS_ pole mount system

CACTUS



Product configurator

8 403 90 00* /060 + max 2x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=600

Code	Finish	Height	Version	Kg
8 403 90 00	RU corten effect	/060 h=600	- ground	1,90
	MB mud brown		/WM wall	1,90
	MS matt sand			
	CA carbon grey			
	WT white txt			



Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

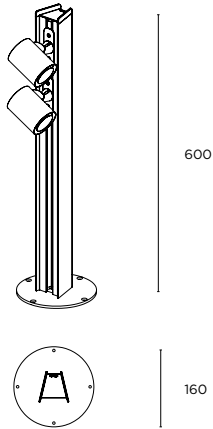
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

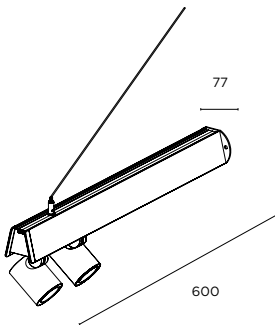
Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS_pole mount system

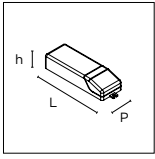


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₆₇

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
9DO 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 09 AL	ON-OFF	79x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DO 700 20 AL	ON-OFF	125x38x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

IP₆₇

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DO 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

CACTUS



Product configurator

8 403 90 00* /100 + max 3x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=1000

Code	Finish	Height	Version	Kg
8 403 90 00	RU corten effect	/100 h=1000	- ground	2,50
	MB mud brown		/WM wall	2,50
	MS matt sand			
	CA carbon grey			
	WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

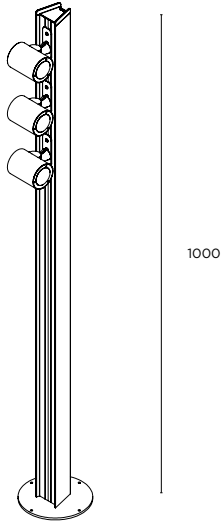
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

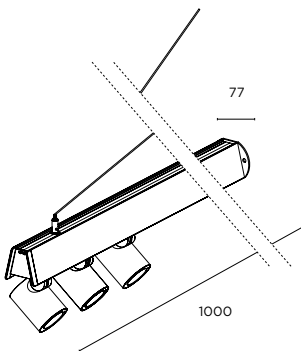
Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS_pole mount system

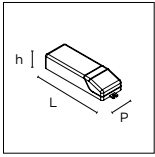


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₆₇

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
9D0 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 700 09 AL	ON-OFF	79x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
900 700 20 AL	ON-OFF	125x38x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

IP₆₇

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9D0 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

CACTUS



Product configurator

8 403 90 00* /200 + max 3x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=2000

Code	Finish	Height	Version	Kg
8 403 90 00	RU corten effect	/200 h=2000	- ground	4,55
	MB mud brown		/WM wall	4,55
	MS matt sand			
	CA carbon grey			
	WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

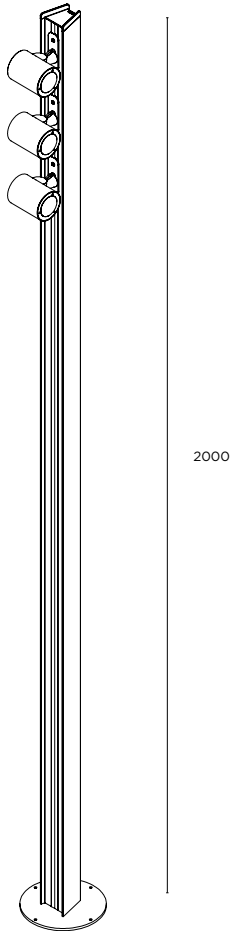
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

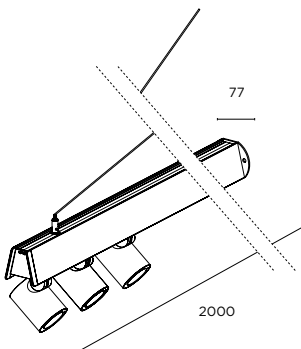
Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS_pole mount system

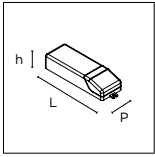


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₆₇

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
9DO 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 09 AL	ON-OFF	79x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DO 700 20 AL	ON-OFF	125x38x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

IP₆₇

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DO 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

CACTUS 24/48V



Product configurator

8 403 90 00* /060 + max 2x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=600

Code	Finish	Height	Version	Kg
8 403 90 00	RU	corten effect	/060 h=600	- ground 1,90
	MB	mud brown		/WM wall 1,90
	MS	matt sand		
	CA	carbon grey		
	WT	white txt		

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

CRI - CCT	Optic	Accessory
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-	85 - 3000K	/S Spot 15°	-	without honeycomb louvre
/9527	95 - 2700K	/F Flood 21°	/HL	with honeycomb louvre
/9530	95 - 3000K	/M Medium 32°		
/9540	95 - 4000K	/W Wide 38°		

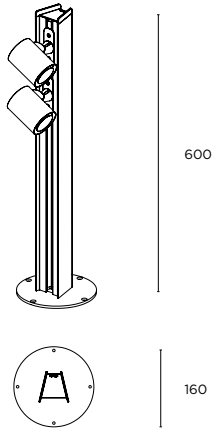
WOLF 48V - 13W

Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

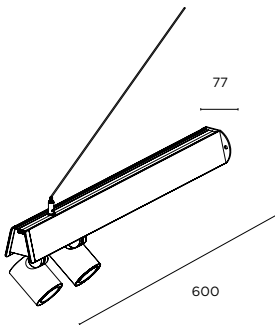
CRI - CCT	Optic	Accessory
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-	85 - 3000K	/S Spot 19°	-	without honeycomb louvre
/9527	95 - 2700K	/F Flood 25°	/HL	with honeycomb louvre
/9530	95 - 3000K	/M Medium 37°		
/9540	95 - 4000K	/W Wide 54°		

CACTUS_pole mount system

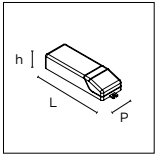


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₆₇

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

Connect in parallel.

IP₂₀

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot

Connect in parallel.

CACTUS 24/48V



Product configurator

8 403 90 00* /100 + max 3x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=1000

Code	Finish	Height	Version	Kg
8 403 90 00	RU corten effect	/100	h=1000	- ground 2,50
	MB mud brown			/WM wall 2,50
	MS matt sand			
	CA carbon grey			
	WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

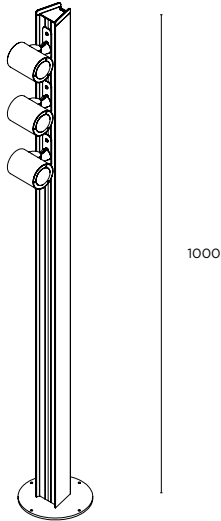
CRI - CCT		Optic		Accessory	
-	85 - 3000K	/S	Spot 15°	-	without honeycomb louvre
/9527	95 - 2700K	/F	Flood 21°	/HL	with honeycomb louvre
/9530	95 - 3000K	/M	Medium 32°		
/9540	95 - 4000K	/W	Wide 38°		

WOLF 48V - 13W

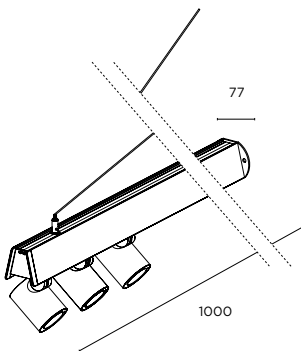
Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT		Optic		Accessory	
-	85 - 3000K	/S	Spot 19°	-	without honeycomb louvre
/9527	95 - 2700K	/F	Flood 25°	/HL	with honeycomb louvre
/9530	95 - 3000K	/M	Medium 37°		
/9540	95 - 4000K	/W	Wide 54°		

CACTUS_pole mount system



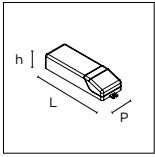
ground



wall

Mounting accessories in same finish as pole.

+



Driver LED

IP₆₇**Driver for Spot 7W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀**Driver for Spot 7W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

Connect in parallel.

IP₂₀**Driver for Spot 13W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot

Connect in parallel.

CACTUS 24/48V



Product configurator

8 403 90 00* /200 + max 3x Spot WOLF + Driver

Code Finish Height Version

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

CACTUS h=2000

Code	Finish	Height	Version	Kg
8 403 90 00	RU corten effect	/200 h=2000	- ground	4,55
	MB mud brown		/WM wall	4,55
	MS matt sand			
	CA carbon grey			
	WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

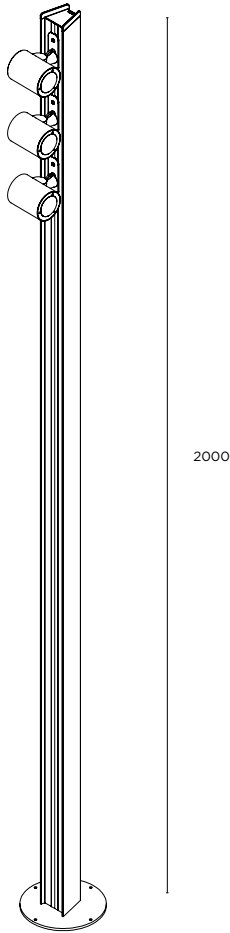
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 48V - 13W

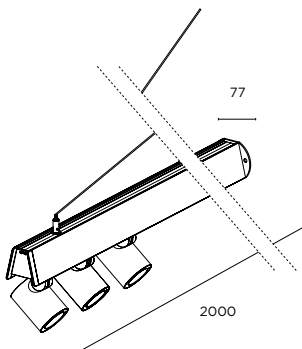
Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect MB mud brown MS matt sand CA carbon grey WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS_pole mount system



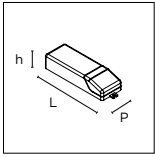
ground



wall

Mounting accessories in same finish as pole.

+



Driver LED

IP₆₇**Driver for Spot 7W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀**Driver for Spot 7W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

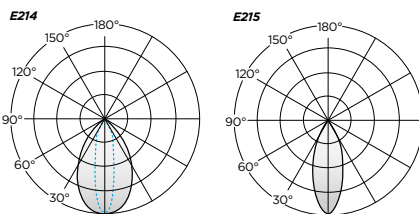
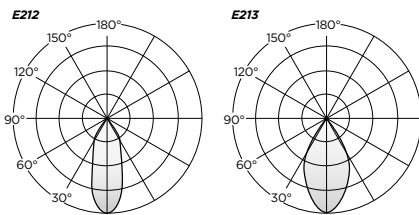
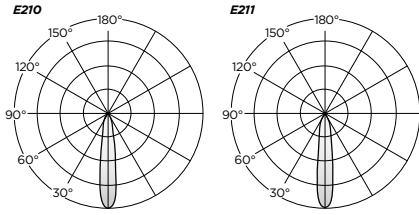
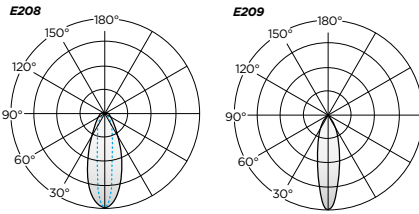
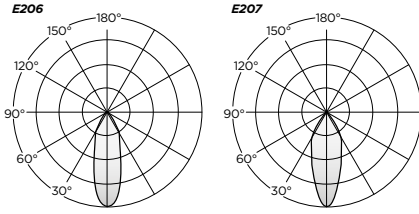
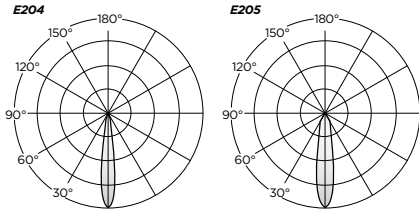
Connect in parallel.

IP₂₀**Driver for Spot 13W**

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot

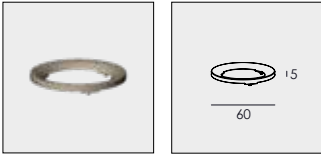
Connect in parallel.

CACTUS SPOT WOLF

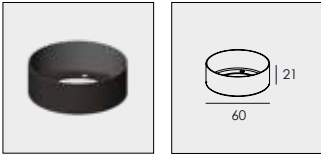


Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy		
7W	7W	85 - 3000K	840 lm	Spot 15°	E204 627 lm	94 lm/W		
				Flood 21°	E205 618 lm	92 lm/W		
				Medium 32°	E206 624 lm	93 lm/W		
				Wide 38°	E207 592 lm	88 lm/W		
				Ellipse	E208 504 lm	75 lm/W		
				Honeycomb	E209 390 lm	58 lm/W		
				95 - 2700K	665 lm	Spot 15°	E204 496 lm	74 lm/W
				Flood 21°	E205 489 lm	73 lm/W		
				Medium 32°	E206 494 lm	74 lm/W		
				Wide 38°	E207 469 lm	70 lm/W		
Ellipse	E208 399 lm	60 lm/W						
Honeycomb	E209 309 lm	46 lm/W						
95 - 3000K	695 lm	85 - 3000K	695 lm	Spot 15°	E204 519 lm	77 lm/W		
				Flood 21°	E205 511 lm	76 lm/W		
				Medium 32°	E206 516 lm	77 lm/W		
				Wide 38°	E207 490 lm	73 lm/W		
				Ellipse	E208 417 lm	62 lm/W		
				Honeycomb	E209 323 lm	48 lm/W		
				95 - 4000K	745 lm	Spot 15°	E204 556 lm	83 lm/W
				Flood 21°	E205 548 lm	82 lm/W		
				Medium 32°	E206 553 lm	83 lm/W		
				Wide 38°	E207 525 lm	78 lm/W		
Ellipse	E208 447 lm	67 lm/W						
Honeycomb	E209 346 lm	52 lm/W						
13W	12,2W	85 - 3000K	1690 lm	Spot 19°	E210 1183 lm	97 lm/W		
				Flood 25°	E211 1164 lm	95 lm/W		
				Medium 37°	E212 1222 lm	100 lm/W		
				Wide 54°	E213 1175 lm	96 lm/W		
				Ellipse	E214 1108 lm	91 lm/W		
				Honeycomb	E215 741 lm	61 lm/W		
				95 - 2700K	1300 lm	Spot 19°	E210 910 lm	75 lm/W
				Flood 25°	E211 895 lm	73 lm/W		
				Medium 37°	E212 940 lm	77 lm/W		
				Wide 54°	E213 904 lm	74 lm/W		
Ellipse	E214 852 lm	70 lm/W						
Honeycomb	E215 570 lm	47 lm/W						
95 - 3000K	1370 lm	85 - 3000K	1370 lm	Spot 19°	E210 959 lm	79 lm/W		
				Flood 25°	E211 944 lm	77 lm/W		
				Medium 37°	E212 991 lm	81 lm/W		
				Wide 54°	E213 953 lm	78 lm/W		
				Ellipse	E214 898 lm	74 lm/W		
				Honeycomb	E215 601 lm	49 lm/W		
				95 - 4000K	1485 lm	Spot 19°	E210 1040 lm	85 lm/W
				Flood 25°	E211 1023 lm	84 lm/W		
				Medium 37°	E212 1074 lm	88 lm/W		
				Wide 54°	E213 1032 lm	85 lm/W		
Ellipse	E214 974 lm	80 lm/W						
Honeycomb	E215 651 lm	53 lm/W						

CACTUS SPOT WOLF_ accessories



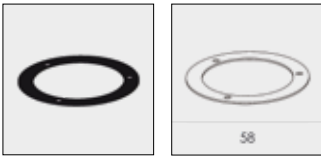
Colored polycarbonate decorative ring in paste, translucent appearance.



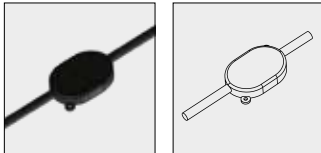
Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.



Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

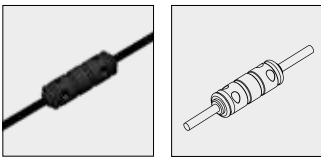


With this accessory you can obtain a narrow beam with an elliptical 18°x40° (7W), 23°x65° (13W) shape.



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Decorative ring

Code

8 400 90 00

T0 ○ neutral

T1 ● orange

T2 ● green

T6 ● blue

Cut-Off

Code

9G 050

Visor

Code

9G 051

Elliptical lens

Code

9G 052

only for Spot optics

Connector

Code

9G 065 3x1 mmq - 2 outputs

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

CACTUS STRIP

CACTUS STRIP_ pole mount system



CACTUS STRIP

Pole mount system to use with WOLF LED projector and LED strip_

Pole mount system to use with WOLF LED projector for surface and wall mount installations. The CACTUS pole is available in three standard lengths of 600mm, 1000mm and 2000mm. Up to three WOLF LED projectors can be

fitted on the CACTUS pole for 1000mm and 2000mm. Up to two LED spots can be fitted on the 600mm CACTUS. An additional LED Strip in 300m or 600m is fitted at the back of the CACTUS pole, creating a linear lighting element.

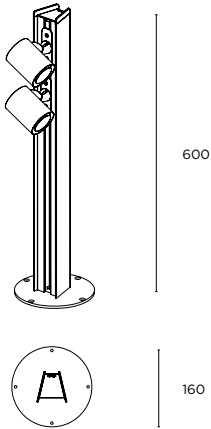
Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. A range of external drivers and accessories is available for this product to enable ON/OFF and DALI dimming.



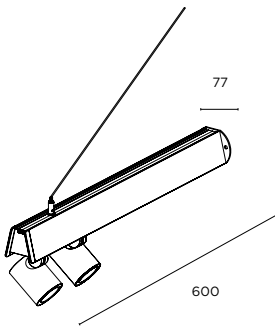
CACTUS STRIP



CACTUS STRIP_pole mount system



ground



wall

Mounting accessories in same finish as pole.

Product configurator

8 403 91* [] [] /060 [] [] + max 2x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=600

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91 03	L=300	RU corten effect	/060 h=600	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

+

Product configurator - WOLF

8 402 70 [] [] [] [] [] []

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

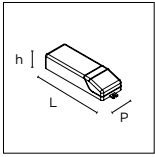
Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	



Driver LED

+

IP₂₀ Driver for LED Strip						
Code	Control	LxPxh	Power	Voltage	Frequency	
9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz	

+

IP₆₇ Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
9DO 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 2 Spot

IP₂₀ Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 700 09 AL	ON-OFF	76x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
9DO 700 20 AL	ON-OFF	125x33x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

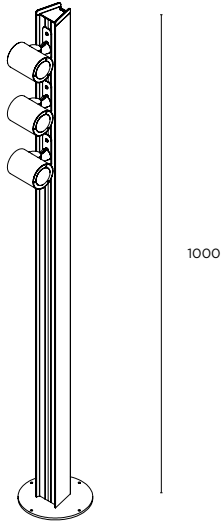
IP₆₇ Driver for Spot 13W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DO 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

IP₂₀ Driver for Spot 13W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

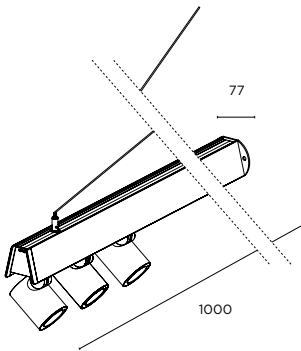
CACTUS STRIP



CACTUS STRIP_ pole mount system



ground



wall

Mounting accessories in same finish as pole.

Product configurator

8 403 91* /100 + max 3x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=1000

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91	03 L=300	RU corten effect	/100 h=1000	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

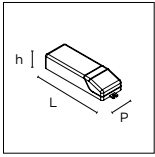
Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	



Driver LED

+

Driver for LED Strip						
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency
	9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz

+

Driver for Spot 7W							
<i>IP</i> ₆₇	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
	9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
	9DO 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 2 Spot

Driver for Spot 7W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 700 09 AL	ON-OFF	76x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
	9DO 700 20 AL	ON-OFF	125x33x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

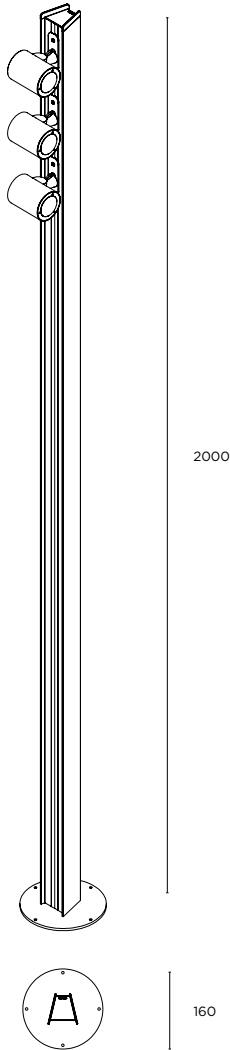
Driver for Spot 13W							
<i>IP</i> ₆₇	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
	9DO 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

Driver for Spot 13W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
	9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

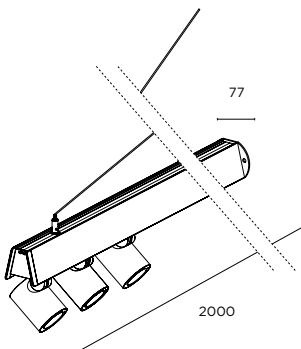
CACTUS STRIP



CACTUS STRIP_pole mount system



ground



wall

Mounting accessories in same finish as pole.

Product configurator

8 403 91* /200 + max 3x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=2000

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91 03	L=300	RU corten effect	/200 h=2000	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

+

Product configurator

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 7W

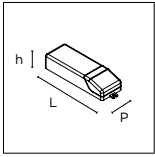
Code	Kg	Power	Finish
8 402 70	0,35	54 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	/HL honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 13W

Code	Kg	Power	Finish
8 402 70	0,35	55 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	/HL honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	



Driver LED

+

Driver for LED Strip						
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency
	9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz

+

Driver for Spot 7W							
<i>IP</i> ₆₇	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 700 10 AL/IP67	ON-OFF	79x38x24,5	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
	9DM 043 AL/IP67	ON-OFF	120x38x23	19W - 700mA	220/240V	0/50/60Hz	max 2 Spot
	9DO 700 25 DDAL/IP67	DALI	185x35x33	25W - 700mA	220/240V	50/60 Hz	max 2 Spot

Driver for Spot 7W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 700 09 AL	ON-OFF	76x39x23	10W - 700mA	220/240V	0/50/60Hz	max 1 Spot
	9DO 700 20 AL	ON-OFF	125x33x23	20W - 700mA	220/240V	0/50/60Hz	max 2 Spot

Driver for Spot 13W							
<i>IP</i> ₆₇	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 1 Spot
	9DO 350 19 DDAL/IP67	DALI	185x35x33	19W - 350mA	220/240V	50/60 Hz	max 1 Spot

Driver for Spot 13W							
<i>IP</i> ₂₀	Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
	9DO 350 16 AL	ON-OFF	125x38x23	15W - 350mA	220/240V	0/50/60Hz	max 1 Spot
	9DM 008 DD TC	DALI	120x52x22	15W - 350mA	220/240V	50/60Hz	max 1 Spot

CACTUS STRIP 24/48V



Product configurator

8 403 91* /060 + max 2x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=600

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91	03 L=300	RU corten effect	/060 h=600	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

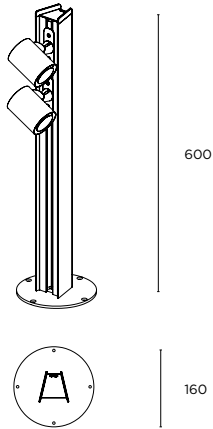
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 48V - 13W

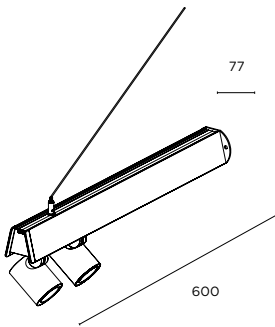
Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS STRIP_pole mount system

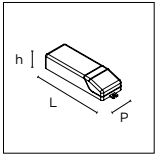


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₂₀

Driver for LED Strip						
Code	Control	LxPxh	Power	Voltage	Frequency	
9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz	

+

IP₆₇

Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀

Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

Connect in parallel.

IP₂₀

Driver for Spot 13W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot

Connect in parallel.

CACTUS STRIP 24/48V



Product configurator

8 403 91* /100 + max 3x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=1000

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91	03 L=300	RU corten effect	/100 h=1000	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

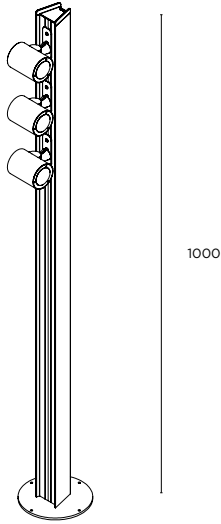
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 48V - 13W

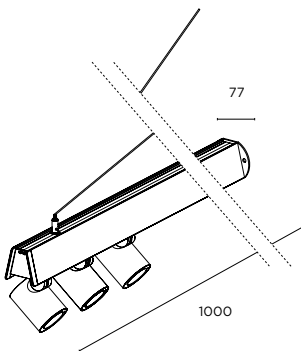
Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS STRIP_pole mount system

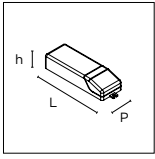


ground



wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₂₀

Driver for LED Strip

Code	Control	LxPxh	Power	Voltage	Frequency
9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz

+

IP₆₇

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀

Driver for Spot 7W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

Connect in parallel.

IP₂₀

Driver for Spot 13W

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot

Connect in parallel.

CACTUS STRIP 24/48V



Product configurator

8 403 91* /200 + max 3x Spot WOLF + Driver

Code LED Strip Finish Height Version CRI - CCT**

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

** For the version CRI 85 - 3000K it is not necessary to fill in the field.

CACTUS STRIP h=2000

Code	LED Strip	Finish	Height	Version	CRI - CCT
8 403 91 03	L=300	RU corten effect	/200 h=2000	- ground	/8527 85 - 2700K
	06 L=600	MB mud brown		/WM wall	- 85 - 3000K
		MS matt sand			/8540 85 - 4000K
		CA carbon grey			
		WT white txt			

+

Product configurator - WOLF

8 402 70

Code Power Finish CRI - CCT Optic Accessory

* Supplied with top cap and complete with mounting plate. Supplied with 2 x channel cover, same length as pole. Black cover for RU, MB, MS and CA finishes. White cover for WT finish.

WOLF 24/48V - 7W

Code	Kg	Power	Finish
8 402 70	0,35	40 7W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

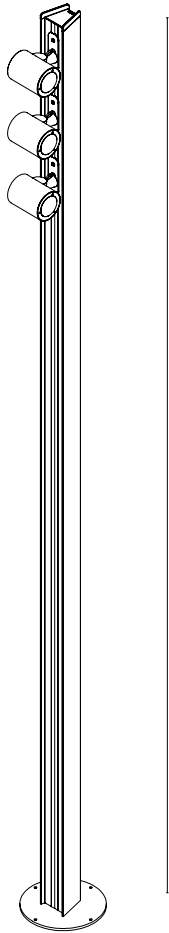
CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

WOLF 48V - 13W

Code	Kg	Power	Finish
8 402 70	0,35	4A 13W	RU corten effect
			MB mud brown
			MS matt sand
			CA carbon grey
			WT white txt

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 19°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 25°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 37°	
/9540 95 - 4000K	/W Wide 54°	

CACTUS STRIP_pole mount system

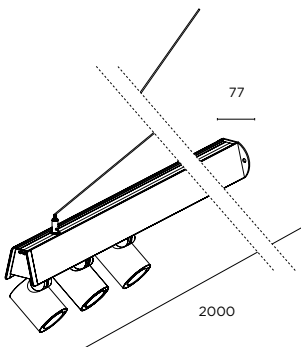


2000



160

ground

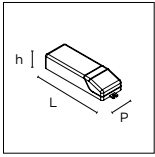


77

2000

wall

Mounting accessories in same finish as pole.



Driver LED

+

IP₂₀

Driver for LED Strip						
Code	Control	LxPxh	Power	Voltage	Frequency	
9D 24V 010 AL	ON-OFF	76x39x23	10W - 24V	220/240V	0/50/60Hz	

+

IP₆₇

Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 2 Spot
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 3 Spot

* 1 driver x 2 spot 7W connect in parallel + 1 driver x 1 spot 7W.
 ** 1 driver max for 3pcs. Connect in parallel.

IP₂₀

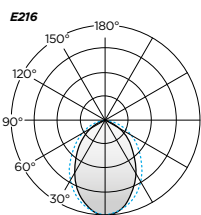
Driver for Spot 7W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 Spot
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 8 Spot
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 25 Spot
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 21 Spot
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 4 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 20 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 10 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 20 Spot

Connect in parallel.


IP₂₀

Driver for Spot 13W						
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 1 Spot
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	50/60Hz	max 5 Spot
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	50/60Hz	max 10 Spot
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 5 Spot
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 10 Spot


Connect in parallel.



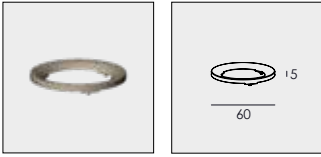
CACTUS STRIP

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
4W	4W	85 - 3000K	225	Opal	E216	107 lm	27 lm/W
		85 - 2700K	215	Opal	E216	102 lm	26 lm/W
		85 - 4000K	232	Opal	E216	110 lm	28 lm/W
8W	8W	85 - 3000K	450	Opal	E216	214 lm	27 lm/W
		85 - 2700K	430	Opal	E216	204 lm	26 lm/W
		85 - 4000K	465	Opal	E216	221 lm	28 lm/W

CACTUS SPOT WOLF

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
7W	7W	85 - 3000K	840 lm	Spot 15°	E204	627 lm	94 lm/W
				Flood 21°	E205	618 lm	92 lm/W
				Medium 32°	E206	624 lm	93 lm/W
				Wide 38°	E207	592 lm	88 lm/W
				Ellipse	E208	504 lm	75 lm/W
				Honeycomb	E209	390 lm	58 lm/W
		95 - 2700K	665 lm	Spot 15°	E204	496 lm	74 lm/W
				Flood 21°	E205	489 lm	73 lm/W
				Medium 32°	E206	494 lm	74 lm/W
				Wide 38°	E207	469 lm	70 lm/W
				Ellipse	E208	399 lm	60 lm/W
				Honeycomb	E209	309 lm	46 lm/W
95 - 3000K	695 lm	85 - 3000K	695 lm	Spot 15°	E204	519 lm	77 lm/W
				Flood 21°	E205	511 lm	76 lm/W
				Medium 32°	E206	516 lm	77 lm/W
				Wide 38°	E207	490 lm	73 lm/W
				Ellipse	E208	417 lm	62 lm/W
				Honeycomb	E209	323 lm	48 lm/W
		95 - 4000K	745 lm	Spot 15°	E204	556 lm	83 lm/W
				Flood 21°	E205	548 lm	82 lm/W
				Medium 32°	E206	553 lm	83 lm/W
				Wide 38°	E207	525 lm	78 lm/W
				Ellipse	E208	447 lm	67 lm/W
				Honeycomb	E209	346 lm	52 lm/W
13W	12,2W	85 - 3000K	1690 lm	Spot 19°	E210	1183 lm	97 lm/W
				Flood 25°	E211	1164 lm	95 lm/W
				Medium 37°	E212	1222 lm	100 lm/W
				Wide 54°	E213	1175 lm	96 lm/W
				Ellipse	E214	1108 lm	91 lm/W
				Honeycomb	E215	741 lm	61 lm/W
		95 - 2700K	1300 lm	Spot 19°	E210	910 lm	75 lm/W
				Flood 25°	E211	895 lm	73 lm/W
				Medium 37°	E212	940 lm	77 lm/W
				Wide 54°	E213	904 lm	74 lm/W
				Ellipse	E214	852 lm	70 lm/W
				Honeycomb	E215	570 lm	47 lm/W
95 - 3000K	1370 lm	Spot 19°	E210	959 lm	79 lm/W		
		Flood 25°	E211	944 lm	77 lm/W		
		Medium 37°	E212	991 lm	81 lm/W		
		Wide 54°	E213	953 lm	78 lm/W		
		Ellipse	E214	898 lm	74 lm/W		
		Honeycomb	E215	601 lm	49 lm/W		
95 - 4000K	1485 lm	Spot 19°	E210	1040 lm	85 lm/W		
		Flood 25°	E211	1023 lm	84 lm/W		
		Medium 37°	E212	1074 lm	88 lm/W		
		Wide 54°	E213	1032 lm	85 lm/W		
		Ellipse	E214	974 lm	80 lm/W		
		Honeycomb	E215	651 lm	53 lm/W		

CACTUS STRIP SPOT WOLF_ accessories



Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring

Code

8 400 90 00

- T0** ○ neutral
- T1** ● orange
- T2** ● green
- T6** ● blue



Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off

Code

9G 050

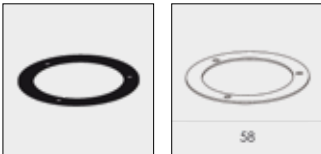


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor

Code

9G 051



With this accessory you can obtain a narrow beam with an elliptical 18°x40° (7W), 23°x65° (13W) shape.

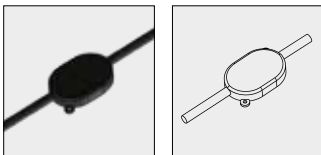


Elliptical lens

Code

9G 052

only for Spot optics



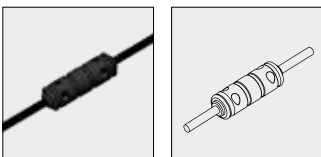
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

YOMA

YOMA_ ceiling lamps / wall





Graceful, minimal and sometimes informal, Yoma combines a purist and soft shape with colors and accessories that complement the project, making it invisible or protagonist, complement or simple service to the design of the spaces. The extra matt or rough finishes accentuate the materiality of tempered glass used in large thickness to give resistance and infrangibility.



YOMA

aluminum and tempered glass_high efficiency SMD LED source_

Ceiling or wall mounted SMD luminaire with omni-directional, diffused light distribution and a diameter of 130mm. The luminaire consists of a die-cast base, combined with tempered glass. Available with nominal 4.5W (450lm) or 8W (750lm) light source in 2700K,

3000K or 4000K in CRI85. Lumen maintenance of 50,000 hrs at L80 B10. Mix and match finishes for the base and the coloured ring accessory, choosing from five colour choices: carbon grey, mud brown, matt sand, matt white textured and rust effect. A corrosion

resistant coating (CRC) is available on request. Ingress protection of IP65. Class I luminaire with integral ON/OFF power supply, dimmable via PHASE CUT dimmer.



YOMA

YOMA_ ceiling lamps / wall



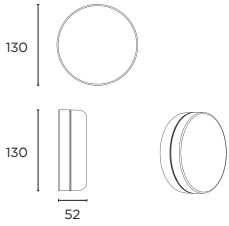


Product configurator

8 375 40

Code **Power** **Finish**

* For the version CRI 85 - 3000K it is not necessary to fill in the field.



YOMA

Code	Kg	Power	Finish	CRI - CCT
8 375 40	0,87	50 LED - 4,5W	RU corten effect	/8527 85 - 2700K
		51 LED - 8W	MB mud brown	- 85 - 3000K
			MS matt sand	/8540 85 - 4000K
			CA carbon grey	
			WT white txt	

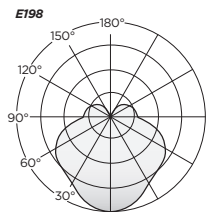
YOMA_ accessory



Decorative ring

Ring

Code	Ring finish
8 375 90 00	RU corten effect
	MB mud brown
	MS matt sand
	CA carbon grey
	WT white txt



YOMA

Power	Power consumption	CRI - CCT	Nominal	Deliv. output	Efficacy
4,5W	4,5W	85 - 2700K	450 lm	E198 323 lm	72 lm/W
		85 - 3000K	450 lm	E198 323 lm	72 lm/W
		85 - 4000K	450 lm	E198 323 lm	72 lm/W
8W	8W	85 - 2700K	750 lm	E198 538 lm	67 lm/W
		85 - 3000K	750 lm	E198 538 lm	67 lm/W
		85 - 4000K	750 lm	E198 538 lm	67 lm/W





The maximum of minimalism accompanies the non-shapes of Rock, whose task is to blend into the context and illuminate the environment with a soft and diffused beam. Designed to limit glare and disturbance, it is equipped with an internal accessory to minimize any luminance. Textured finishes and extra matt paint formulas together with the extremely small dimensions make Rock a unique piece with the project.

ROCK

ROCK_wal/



ROCK

diffused 120° light distribution_ dimmable via PHASE CUT_high efficiency LED source_

Wall mounted LED luminaire with diffused 120° light distribution manufactured from die-cast aluminium. Available with nominal 4,5W (450lm) light source in 2700K, 3000K or 4000K in CRI85. Lumen

maintenance of 50.000 hrs at L80 B10. Ingress protection of IP66. Class I luminaire with integral ON/OFF power supply, dimmable via PHASE CUT dimmer. Body finishes include carbon grey, mud brown,

matt sand, matt white textured and rust effect. A corrosion resistant coating (CRC) is available on request.



ROCK_wall



ROCK

ROCK_wal/



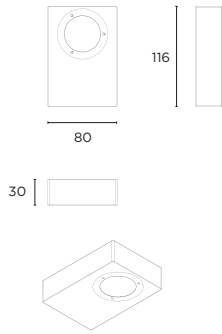


Product configurator

8 381 60 50

Code Source Finish CRI - CCT* Accessory

* For the version CRI 85 - 3000K it is not necessary to fill in the field.



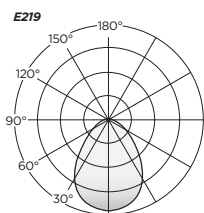
ROCK

Code	Source	Kg	Finish	CRI - CCT
8 381 60	50	LED - 4,5W	0,38	
			RU corten effect	/8527 85 - 2700K
			MB mud brown	- 85 - 3000K
			MS matt sand	/8540 85 - 4000K
			CA carbon grey	
			WT white txt	

Accessory

- without honeycomb louvre
- /HL** with honeycomb louvre

ROCK_wall



ROCK

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
4,5W	4,5W	85 - 3000K	450	Diffused	E219 235 lm	52 lm/W
		85 - 2700K	450	Diffused	E219 235 lm	52 lm/W
		85 - 4000K	450	Diffused	E219 235 lm	52 lm/W

PLAY

PLAY_wall





Designed to pair easily with any context, the elements of the Play family make the relationship between size and performance their strength, the absolute sobriety of the geometries supports advanced optical systems and a wide range of beam configuration. Available in bi-emission or single-emission versions, they differ in size and light distribution. There are numerous accessories that can be added to obtain graphic connotations, beam definition or elimination of luminances.

PLAY SQUARE UP OR DOWN

PLAY SQUARE_wall



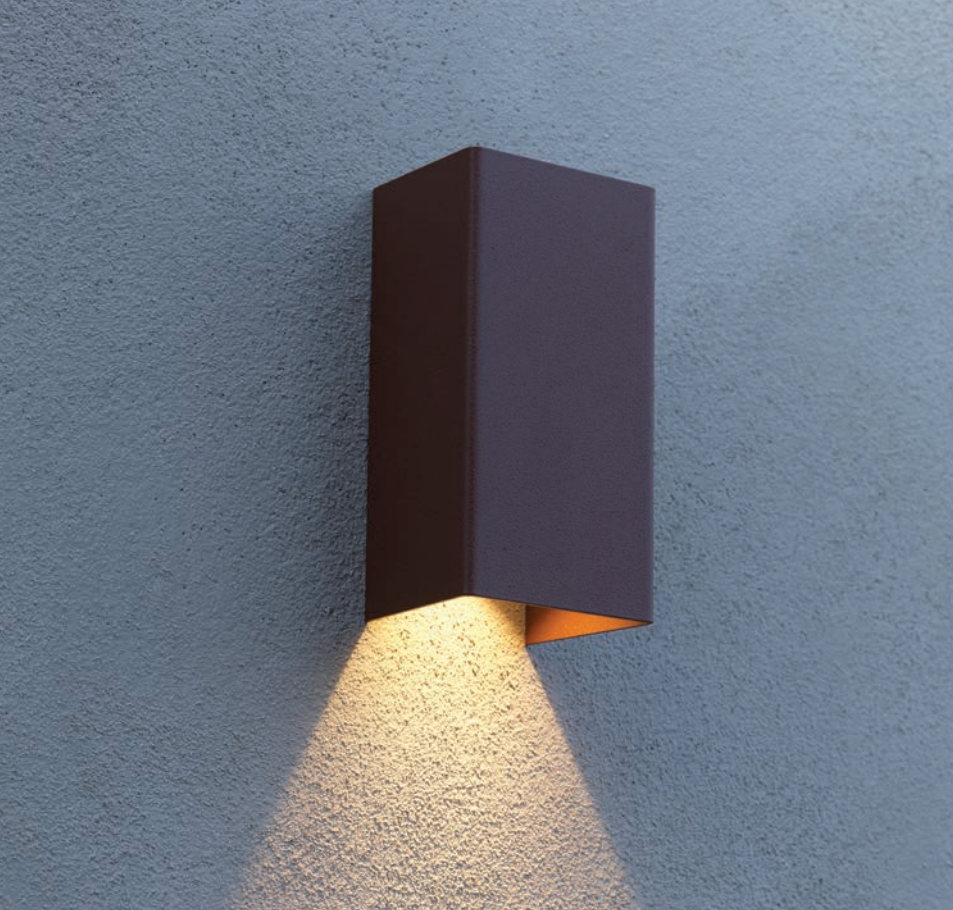
PLAY SQUARE

Sealed optical chamber and high efficient LED light source_

Square LED wall luminaire with single LED light source for either up or down light distribution. Die-cast aluminium body and glass sealed optical chamber. Available with nominal 5W (635lm) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80 B10. Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15°), Flood (21°), Medium

(32°) and Wide (38°). PLAY is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured ring, snoot, visor and adjustable elliptical lens accessory 18°x40° (field changeable and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. An external cover accessory is also available to order separately.

This accessory covers the luminaire entirely so that the LED light source is deep recessed behind the cover. This creates a sharp beam cut off and a more decorative look of the luminaire. Additional finish options include copper textured, gold textured and dark bronze. Ingress protection of IP67. Class I luminaire including ON/OFF power supply.



PLAY SQUARE UP OR DOWN



Product configurator

8 400 60 50

Code Finish CRI - CCT* Optic Accessory

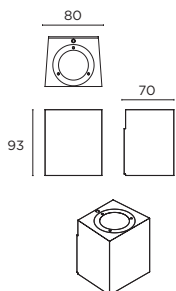
* For the version CRI 85 - 3000K it is not necessary to fill in the field.

PLAY SQUARE UP OR DOWN - 5W

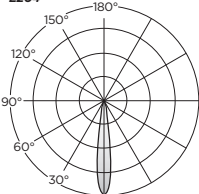
Code	Power	Finish	Kg
8 400 60 50	5W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	0,74

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

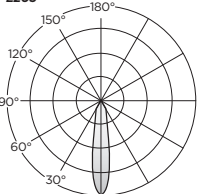
PLAY SQUARE_wall



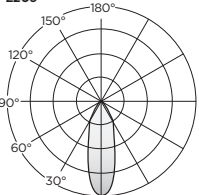
E204



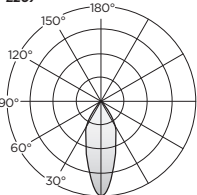
E205



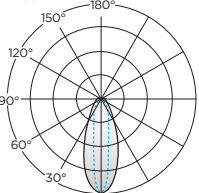
E206



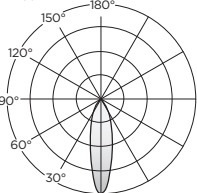
E207



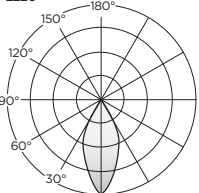
E208



E209



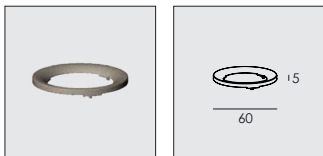
E220



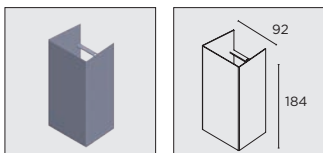
PLAY SQUARE UP OR DOWN

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy				
5W	4,6W	85 - 3000K	635 lm	Spot 15°	E204 474 lm	103 lm/W				
				Flood 21°	E205 467 lm	102 lm/W				
				Medium 32°	E206 472 lm	103 lm/W				
				Wide 38°	E207 448 lm	97 lm/W				
				Ellipse	E208 381 lm	83 lm/W				
				Honeycomb	E209 295 lm	64 lm/W				
				Cover	E220 401 lm	87 lm/W				
				95 - 2700K	500 lm	95 - 2700K	500 lm	Spot 15°	E204 373 lm	81 lm/W
								Flood 21°	E205 368 lm	80 lm/W
								Medium 32°	E206 371 lm	81 lm/W
Wide 38°	E207 352 lm	77 lm/W								
Ellipse	E208 300 lm	65 lm/W								
Honeycomb	E209 232 lm	50 lm/W								
Cover	E220 316 lm	69 lm/W								
95 - 3000K	525 lm	95 - 3000K	525 lm					Spot 15°	E204 392 lm	85 lm/W
								Flood 21°	E205 386 lm	84 lm/W
								Medium 32°	E206 390 lm	85 lm/W
				Wide 38°	E207 370 lm	80 lm/W				
				Ellipse	E208 315 lm	68 lm/W				
				Honeycomb	E209 244 lm	53 lm/W				
				Cover	E220 332 lm	72 lm/W				
				95 - 4000K	565 lm	95 - 4000K	565 lm	Spot 15°	E204 422 lm	92 lm/W
								Flood 21°	E205 416 lm	90 lm/W
								Medium 32°	E206 420 lm	91 lm/W
Wide 38°	E207 398 lm	87 lm/W								
Ellipse	E208 339 lm	74 lm/W								
Honeycomb	E209 262 lm	57 lm/W								
Cover	E220 357 lm	78 lm/W								

PLAY SQUARE UP OR DOWN_ accessories



Colored polycarbonate decorative ring in paste, translucent appearance.



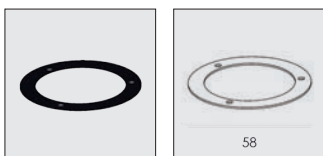
Decorative cover allows a distinct and defined effect.



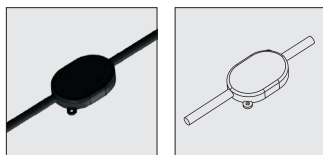
Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.



Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.



With this accessory you can obtain a narrow beam with an elliptical 18°x40° shape



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Decorative ring

Code

8 400 90 00

- T0 ○ neutral
- T1 ● orange
- T2 ● green
- T6 ● blue

External cover

Code

9G 053

- RU ● corten effect
- MB ● mud brown
- MS ● matt sand
- CA ● carbon grey
- WT ○ white txt
- CT ● copper
- GT ● gold
- BZ ● dark bronze

Cut-Off

Code

9G 050

Visor

Code

9G 051

Elliptical lens

Code

9G 052

only for Spot optics

Connector

Code

9G 065 3x1 mmq - 2 outputs

PLAY SQUARE UP / DOWN

PLAY SQUARE_wal/



PLAY SQUARE

Sealed optical chamber and 2 x high efficient LED light source_

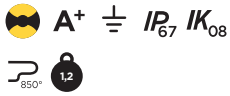
Square LED wall luminaire with two LED light sources for up/down light distribution. Die-cast aluminium body and glass sealed optical chamber. Available with nominal 2x5W (2x635lm) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80 B10. Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15°), Flood (21°), Medium

(32°) and Wide (38°). PLAY is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured ring, snoot, visor and adjustable elliptical lens accessory 18°x40° (field changeable and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. An external cover accessory is also available to order separately.

This accessory covers the luminaire entirely so that the LED light sources are deep recessed behind the cover. This creates a sharp beam cut off and a more decorative look of the luminaire. Additional finish options to the before mentioned body finish options for this cover include copper textured, gold textured and dark bronze. Ingress protection of IP67. Class I luminaire including ON/OFF power supply.



PLAY SQUARE UP / DOWN



Product configurator

8 400 61 50

Code Finish CRI - CCT* Optic UP Optic DOWN Acc. UP Acc. DOWN

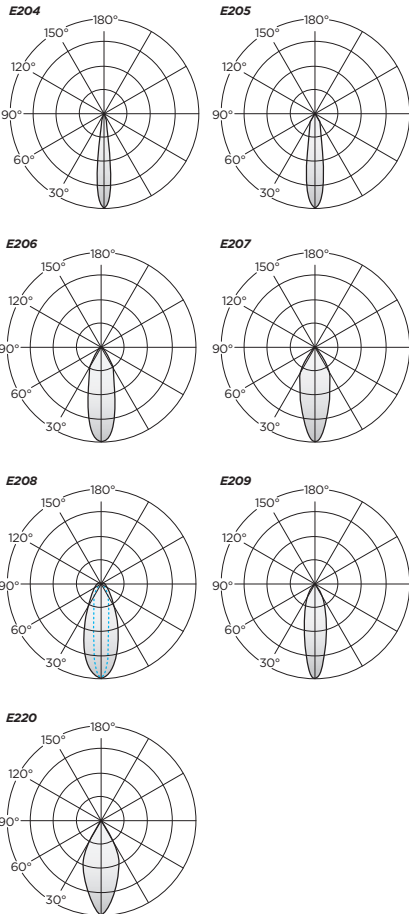
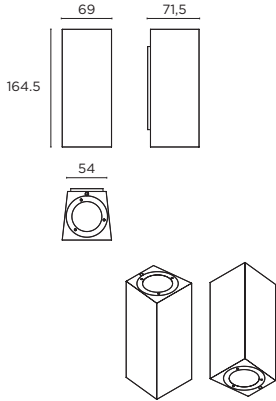
* For the version CRI 85 - 3000K it is not necessary to fill in the field.

PLAY SQUARE UP / DOWN - 5W

Code	Power	Finish	Kg	CRI - CCT
8 400 61 50	2x5W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	1,2	- 85 - 3000K /9527 95 - 2700K /9530 95 - 3000K /9540 95 - 4000K

Optic UP	Optic DOWN	Accessory UP	Accessory DOWN
/S Spot	/S Spot 15°	- without honeycomb louvre	- without honeycomb louvre
/F Flood	/F Flood 21°	/HU with honeycomb louvre	/HD with honeycomb louvre
/M Medium	/M Medium 32°		
/W Wide	/W Wide 38°		

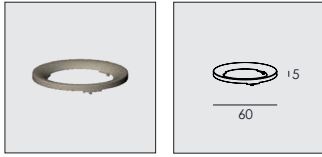
PLAY SQUARE_wall



PLAY SQUARE UP / DOWN

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
5W	4,6W	85 - 3000K	635 lm	Spot 15°	E204 474 lm	103 lm/W
				Flood 21°	E205 467 lm	102 lm/W
				Medium 32°	E206 472 lm	103 lm/W
				Wide 38°	E207 448 lm	97 lm/W
				Ellipse	E208 381 lm	83 lm/W
				Honeycomb	E209 295 lm	64 lm/W
				Cover	E220 401 lm	87 lm/W
95 - 2700K	500 lm	85 - 3000K	525 lm	Spot 15°	E204 373 lm	81 lm/W
				Flood 21°	E205 368 lm	80 lm/W
				Medium 32°	E206 371 lm	81 lm/W
				Wide 38°	E207 352 lm	77 lm/W
				Ellipse	E208 300 lm	65 lm/W
				Honeycomb	E209 232 lm	50 lm/W
				Cover	E220 316 lm	69 lm/W
95 - 3000K	525 lm	85 - 3000K	525 lm	Spot 15°	E204 392 lm	85 lm/W
				Flood 21°	E205 386 lm	84 lm/W
				Medium 32°	E206 390 lm	85 lm/W
				Wide 38°	E207 370 lm	80 lm/W
				Ellipse	E208 315 lm	68 lm/W
				Honeycomb	E209 244 lm	53 lm/W
				Cover	E220 332 lm	72 lm/W
95 - 4000K	565 lm	85 - 3000K	565 lm	Spot 15°	E204 422 lm	92 lm/W
				Flood 21°	E205 416 lm	90 lm/W
				Medium 32°	E206 420 lm	91 lm/W
				Wide 38°	E207 398 lm	87 lm/W
				Ellipse	E208 339 lm	74 lm/W
				Honeycomb	E209 262 lm	57 lm/W
				Cover	E220 357 lm	78 lm/W

PLAY SQUARE UP / DOWN_ accessories

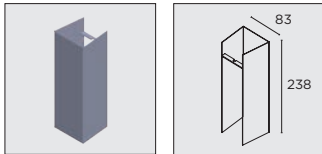


Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring 1x

Code

8 400 90 00	T0	○ neutral
	T1	● orange
	T2	● green
	T6	● blue

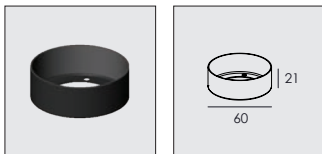


Decorative cover allows a distinct and defined effect.

External cover 2x

Code

9G 054	RU	● corten effect
	MB	● mud brown
	MS	● matt sand
	CA	● carbon grey
	WT	○ white txt
	CT	● copper
	GT	● gold
	BZ	● dark bronze

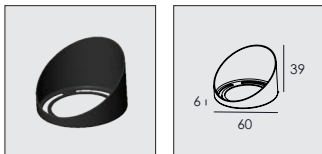


Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off 1x

Code

9G 050

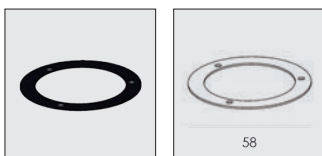


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor 1x

Code

9G 051



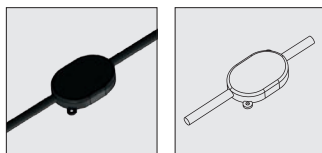
With this accessory you can obtain, through regulation, an adjustable narrow beam with an elliptical 18°x40° shape.

Elliptical lens 1x

Code

9G 052

only for Spot optics



With this accessory, you can create connections while ensuring IP68 grade protection.

Connector 1x

Code

9G 065 3x1 mmq - 2 outputs

IP₆₈

PLAY ROUND UP OR DOWN

PLAY ROUND_ wall



PLAY ROUND

Sealed optical chamber and high efficient LED light source_

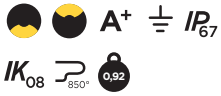
Round LED wall luminaire with single LED light source for either up or down light distribution. Die-cast aluminium body and glass sealed optical chamber. Available with nominal 5W (635lm) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80 B10. Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15°), Flood (21°), Medium

(32°) and Wide (38°). PLAY is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured ring, snoot, visor and adjustable elliptical lens accessory 18°x40° (field changeable and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. An external cover accessory is also available to order separately.

This accessory covers the luminaire entirely so that the LED light source is deep recessed behind the cover. This creates a sharp beam cut off and a more decorative look of the luminaire. Additional finish options to the before mentioned body finish options for this cover include copper textured, gold textured and dark bronze. Ingress protection of IP67. Class I luminaire including ON/OFF power supply.



PLAY ROUND UP OR DOWN



Product configurator

8 401 60 50

Code Finish CRI - CCT* Optic Accessory

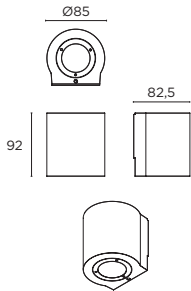
* For the version CRI 85 - 3000K it is not necessary to fill in the field.

PLAY SQUARE UP OR DOWN - 5W

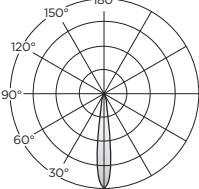
Code	Power	Finish	Kg
8 401 60 50	5W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	0,92

CRI - CCT	Optic	Accessory
- 85 - 3000K	/S Spot 15°	- without honeycomb louvre
/9527 95 - 2700K	/F Flood 21°	/HL with honeycomb louvre
/9530 95 - 3000K	/M Medium 32°	
/9540 95 - 4000K	/W Wide 38°	

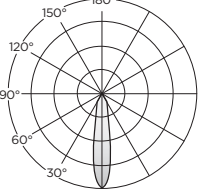
PLAY ROUND_wal



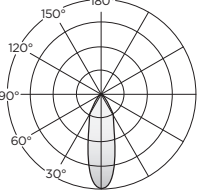
E204



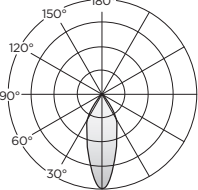
E205



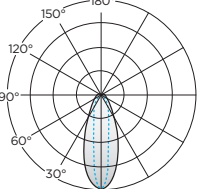
E206



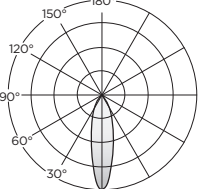
E207



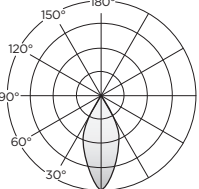
E208



E209



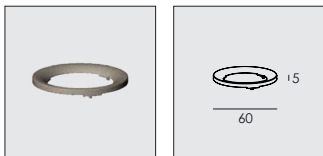
E220



PLAY ROUND UP OR DOWN

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
5W	4,6W	85 - 3000K	635 lm	Spot 15°	E204 474 lm	103 lm/W
				Flood 21°	E205 467 lm	102 lm/W
				Medium 32°	E206 472 lm	103 lm/W
				Wide 38°	E207 448 lm	97 lm/W
				Ellipse	E208 381 lm	83 lm/W
				Honeycomb	E209 295 lm	64 lm/W
				Cover	E220 401 lm	87 lm/W
95 - 2700K	500 lm	95 - 2700K	500 lm	Spot 15°	E204 373 lm	81 lm/W
				Flood 21°	E205 368 lm	80 lm/W
				Medium 32°	E206 371 lm	81 lm/W
				Wide 38°	E207 352 lm	77 lm/W
				Ellipse	E208 300 lm	65 lm/W
				Honeycomb	E209 232 lm	50 lm/W
				Cover	E220 316 lm	69 lm/W
95 - 3000K	525 lm	95 - 3000K	525 lm	Spot 15°	E204 392 lm	85 lm/W
				Flood 21°	E205 386 lm	84 lm/W
				Medium 32°	E206 390 lm	85 lm/W
				Wide 38°	E207 370 lm	80 lm/W
				Ellipse	E208 315 lm	68 lm/W
				Honeycomb	E209 244 lm	53 lm/W
				Cover	E220 332 lm	72 lm/W
95 - 4000K	565 lm	95 - 4000K	565 lm	Spot 15°	E204 422 lm	92 lm/W
				Flood 21°	E205 416 lm	90 lm/W
				Medium 32°	E206 420 lm	91 lm/W
				Wide 38°	E207 398 lm	87 lm/W
				Ellipse	E208 339 lm	74 lm/W
				Honeycomb	E209 262 lm	57 lm/W
				Cover	E220 357 lm	78 lm/W

PLAY ROUND UP OR DOWN_ accessories



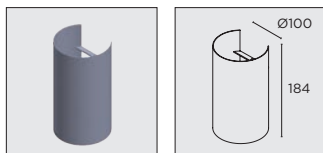
Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring

Code

8 400 90 00

- T0** ○ neutral
- T1** ● orange
- T2** ● green
- T6** ● blue



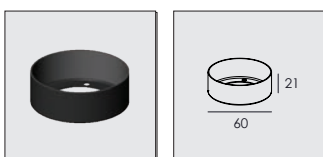
Decorative cover allows a distinct and defined effect.

External cover

Code

9G 055

- RU** ● corten effect
- MB** ● mud brown
- MS** ● matt sand
- CA** ● carbon grey
- WT** ○ white txt
- CT** ● copper
- GT** ● gold
- BZ** ● dark bronze



Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off

Code

9G 050

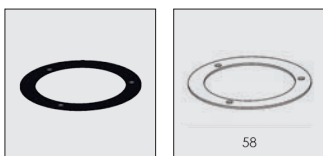


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor

Code

9G 051



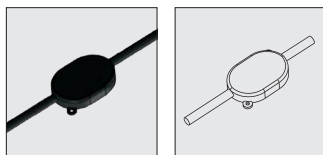
With this accessory you can obtain a narrow beam with an elliptical 18°x40° shape

Elliptical lens

Code

9G 052

only for Spot optics



With this accessory, you can create connections while ensuring IP68 grade protection.

Connector

Code

9G 065 3x1 mmq - 2 outputs

IP₆₈

PLAY ROUND UP / DOWN

PLAY ROUND_ wall



PLAY ROUND

Sealed optical chamber and 2 x high efficient LED light source_

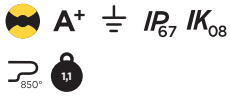
Round LED wall luminaire with two LED light sources for up/down light distribution. Die-cast aluminium body and glass sealed optical chamber. Available with nominal 2x5W (2x635lm) in 2700K, 3000K or 4000K in CRI95 or 3000K in CRI85. Lumen maintenance of 115,000 hrs at L80 B10. Natural powder coat finish options include carbon grey, mud brown, matt sand, matt white textured and rust effect. Optics choices include Spot (15°), Flood (21°), Medium

(32°) and Wide (38°). PLAY is available with a range of optical accessories including honeycomb louvre (factory fitted) as well as coloured ring, snoot, visor and adjustable elliptical lens accessory 18°x40° (field changeable and to be ordered separately). Coloured rings are made from UV resistant PMMA and are available in translucent orange, translucent blue, translucent green and neutral. An external cover accessory is also available to order separately.

This accessory covers the luminaire entirely so that the LED light sources are deep recessed behind the cover. This creates a sharp beam cut off and a more decorative look of the luminaire. Additional finish options to the before mentioned body finish options for this cover include copper textured, gold textured and dark bronze. Ingress protection of IP67. Class I luminaire including ON/OFF power supply.



PLAY ROUND UP / DOWN



Product configurator

8 401 61 50

Code Finish CRI - CCT* Optic UP Optic DOWN Acc. UP Acc. DOWN

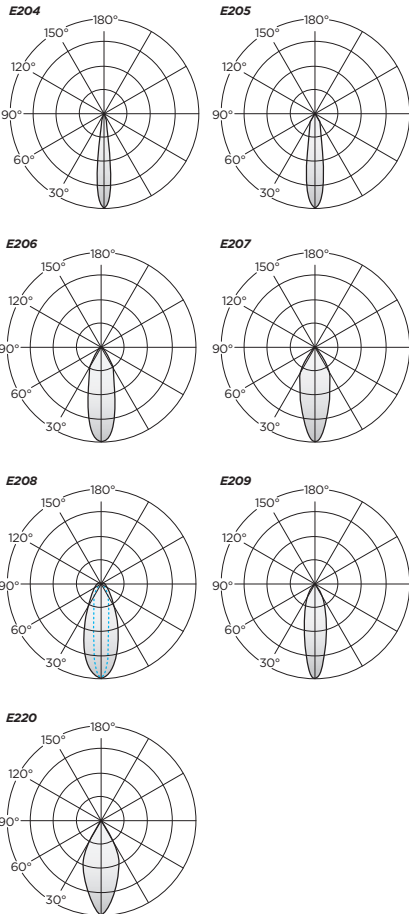
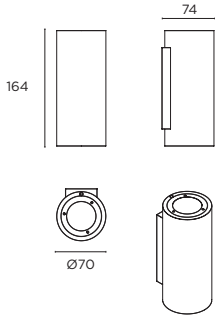
* For the version CRI 85 - 3000K it is not necessary to fill in the field.

PLAY SQUARE UP / DOWN - 5W

Code	Power	Finish	Kg	CRI - CCT
8 401 61 50	2x5W	RU ● corten effect MB ● mud brown MS ● matt sand CA ● carbon grey WT ○ white txt	1,1	- 85 - 3000K /9527 95 - 2700K /9530 95 - 3000K /9540 95 - 4000K

Optic UP	Optic DOWN	Accessory UP	Accessory DOWN
/S Spot	/S Spot 15°	- without honeycomb louvre	- without honeycomb louvre
/F Flood	/F Flood 21°	/HU with honeycomb louvre	/HD with honeycomb louvre
/M Medium	/M Medium 32°		
/W Wide	/W Wide 38°		

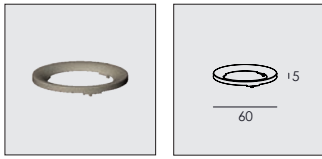
PLAY ROUND_ wall



PLAY ROUND UP / DOWN

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
5W	4,6W	85 - 3000K	635 lm	Spot 15°	E204 474 lm	103 lm/W
				Flood 21°	E205 467 lm	102 lm/W
				Medium 32°	E206 472 lm	103 lm/W
				Wide 38°	E207 448 lm	97 lm/W
				Ellipse	E208 381 lm	83 lm/W
				Honeycomb	E209 295 lm	64 lm/W
				Cover	E220 401 lm	87 lm/W
95 - 2700K	500 lm	85 - 3000K	525 lm	Spot 15°	E204 373 lm	81 lm/W
				Flood 21°	E205 368 lm	80 lm/W
				Medium 32°	E206 371 lm	81 lm/W
				Wide 38°	E207 352 lm	77 lm/W
				Ellipse	E208 300 lm	65 lm/W
				Honeycomb	E209 232 lm	50 lm/W
				Cover	E220 316 lm	69 lm/W
95 - 3000K	525 lm	85 - 3000K	525 lm	Spot 15°	E204 392 lm	85 lm/W
				Flood 21°	E205 386 lm	84 lm/W
				Medium 32°	E206 390 lm	85 lm/W
				Wide 38°	E207 370 lm	80 lm/W
				Ellipse	E208 315 lm	68 lm/W
				Honeycomb	E209 244 lm	53 lm/W
				Cover	E220 332 lm	72 lm/W
95 - 4000K	565 lm	85 - 3000K	565 lm	Spot 15°	E204 422 lm	92 lm/W
				Flood 21°	E205 416 lm	90 lm/W
				Medium 32°	E206 420 lm	91 lm/W
				Wide 38°	E207 398 lm	87 lm/W
				Ellipse	E208 339 lm	74 lm/W
				Honeycomb	E209 262 lm	57 lm/W
				Cover	E220 357 lm	78 lm/W

PLAY ROUND UP / DOWN_ accessories



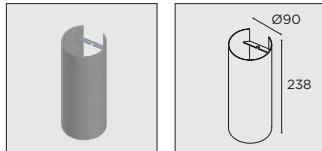
Colored polycarbonate decorative ring in paste, translucent appearance.

Decorative ring 1x

Code

8 400 90 00

- T0** ○ neutral
- T1** ● orange
- T2** ● green
- T6** ● blue



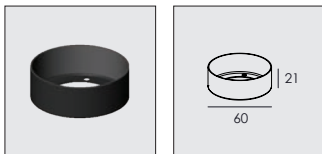
Decorative cover allows a distinct and defined effect.

External cover 2x

Code

9G 056

- RU** ● corten effect
- MB** ● mud brown
- MS** ● matt sand
- CA** ● carbon grey
- WT** ○ white txt
- CT** ● copper
- GT** ● gold
- BZ** ● dark bronze

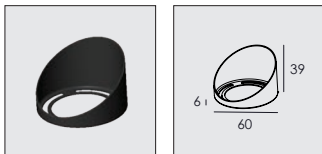


Thanks to this accessory it is possible to obtain a narrow and sharp beam, with a strong contrast between the illuminated and unlit area.

Cut-Off 1x

Code

9G 050

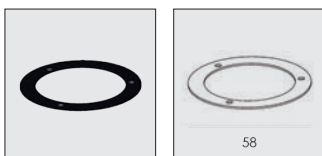


Thanks to this accessory it is possible to obtain an asymmetrically narrower and sharper beam with a greater contrast between the illuminated and non-illuminated area.

Visor 1x

Code

9G 051



With this accessory you can obtain a narrow beam with an elliptical 18°x40° shape

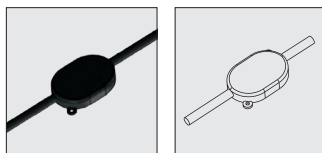


Elliptical lens 1x

Code

9G 052

only for Spot optics



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector 1x

Code

9G 065 3x1 mmq - 2 outputs





Completely in stainless steel Brick is available in surface-mounted, projector or recessed versions. The essential shape and solid structure make it an excellent stress-proof instrument where light intensity and interchangeable optics are needed. The special textured and opaque paints, the rust effect and the cement gray make its light a discreet presence able to respect architecture and landscape without sacrificing performance and quality of light.

BRICK SMALL

BRICK SMALL_wal/



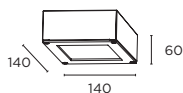
BRICK SMALL

Opal polycarbonate diffuser_ high efficacy LED light source_

LED wall-mounted luminaire with an opal polycarbonate diffuser. Interchangeable optical accessories are available to create a Spot (16°), Medium (31°) and Wide

(58°) beam. An adjustable ceiling-mounting bracket for 90° horizontal or vertical adjustment is also available, as well as a surface-mount box for concrete or brick

mounting. Available as standard in 3000K, CRI85. CRI95, 2700K and 4000K are available upon request. Ingress protection of IP55.



Product configurator

8 336 40 50

Code Finish CRI - CCT* Deflector

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

BRICK SMALL

Code	Source	Kg	Finish	CRI - CCT	Optional deflector
8 336 40 50	LED - 9W	0,95	RU ● corten effect	/9527 95 - 2700K	-
			MB ● mud brown	- 85 - 3000K	/DF
			MS ● matt sand	/9540 95 - 4000K	
			CA ● carbon grey	/9530 95 - 3000K	
			WT ○ white txt		
			CG ● concrete grey		

BRICK SMALL_ accessories

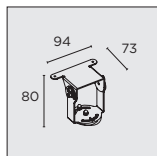


Optics include diffuser.

Optic accessory

Code

336 92 00	/S spot 16°
	/M medium 31°
	/W wide 58°



Bracket for wall mounting, 90° adjustable on the horizontal/vertical plane.

Adjustable bracket

Code

8 336 91 00	RU ● corten effect
	MB ● mud brown
	MS ● matt sand
	CA ● carbon grey
	WT ○ white txt
	CG ● concrete grey



Concrete/brick housing

Concrete/BRICK housing*

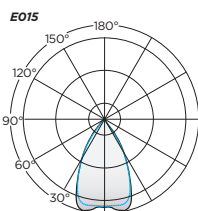
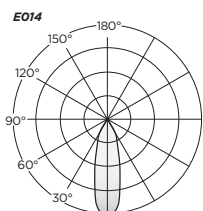
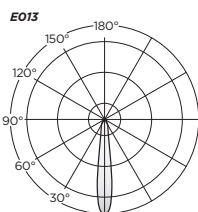
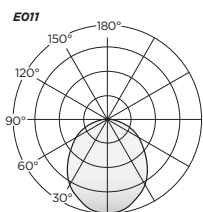
Code

336 90 00

* No colour finish available for this option

BRICK SMALL

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
9W	8,5W	85 - 3000K	1231 lm	Diffused	E011 520 lm	61 lm/W
				Spot 16°	E013 1013 lm	119 lm/W
				Medium 31°	E014 984 lm	115 lm/W
				Wide 58°	E015 914 lm	107 lm/W
95 - 2700K	949 lm	95 - 2700K	949 lm	Diffused	E011 403 lm	47 lm/W
				Spot 16°	E013 775 lm	91 lm/W
				Medium 31°	E014 759 lm	89 lm/W
				Wide 58°	E015 704 lm	82 lm/W
95 - 3000K	998 lm	95 - 3000K	998 lm	Diffused	E011 424 lm	49 lm/W
				Spot 16°	E013 821 lm	96 lm/W
				Medium 31°	E014 798 lm	93 lm/W
				Wide 58°	E015 741 lm	87 lm/W
95 - 4000K	1081 lm	95 - 4000K	1081 lm	Diffused	E011 459 lm	54 lm/W
				Spot 16°	E013 890 lm	104 lm/W
				Medium 31°	E014 864 lm	101 lm/W
				Wide 58°	E015 802 lm	94 lm/W



BRICK MEDIUM

BRICK MEDIUM_ wall



BRICK MEDIUM

Opal polycarbonate diffuser_ high efficacy LED light source_

LED wall-mounted luminaire with an opal polycarbonate diffuser. Interchangeable optical accessories are available to create a Spot (16°), Medium (31°) and Wide

(58°) beam. An adjustable ceiling-mounting bracket for 90° horizontal or vertical adjustment is also available, as well as a surface-mount box for concrete or brick

mounting. Available as standard in 3000K, CRI85. CRI95, 2700K and 4000K are available upon request. Ingress protection of IP55.

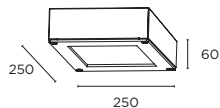


Product configurator

8 336 41 50

Code Finish CRI - CCT*

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

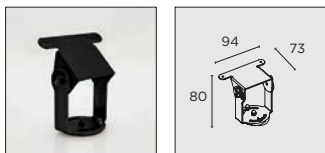


BRICK MEDIUM

Code	Source	Kg	Finish	CRI - CCT	CRI - CCT	
8 336 41	LED - 15W	50	ON-OFF	0,95	RU corten effect	/8527 85 - 2700K
			1-10V	MB mud brown	- 85 - 3000K	
			DALI	MS matt sand	/8540 85 - 4000K	
			PUSH	CA carbon grey		
					WT white txt	
					CG concrete grey	

BRICK MEDIUM_ wall

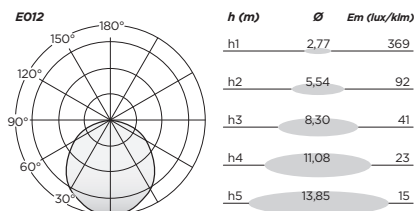
BRICK MEDIUM_ accessories



Bracket for wall mounting, 90° adjustable on the horizontal/vertical plane.

Adjustable bracket

Code	Finish
8 336 91 00	RU corten effect
	MB mud brown
	MS matt sand
	CA carbon grey
	WT white txt
	CG concrete grey



BRICK MEDIUM

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
15W	13,3W	85 - 3000K	1900 lm	Diffused	E012 868 lm	65 lm/W
		85 - 4000K	2060 lm	Diffused	E012 941 lm	70 lm/W

MARK

MARK_wall





Very small asymmetrical recessed projectors, fundamental for marking paths and bringing light only where needed, they come in square and round versions and have dedicated formworks. Remote power supply is needed.

MARK ROUND

MARK ROUND_ wall



MARK ROUND

Miniature form factor_ High efficacy LED light source_

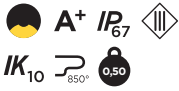
Compact round LED wall marker luminaire with a diameter of only 40mm. Aluminium housing with powder coat finish in carbon grey, matt white textured or rust effect. Available in 2700K, 3000K and 4000K

in CRI85. Nominal power consumption of 1.2W (120lm). Lumen maintenance of 100,000 hrs at L80 B10. Fitted with LED light source and frosted lens for an even light distribution. Luminaire to be installed

with a blackout accessory (to be ordered separately). Ingress protection of IP67. Class III luminaire to be used with remote On/Off power supply.



MARK ROUND



Product configurator

8 405 80 **54** + Driver

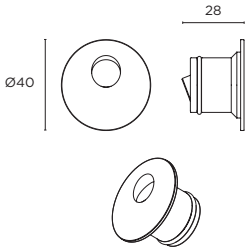
Code Source Finish CRI - CCT*

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

MARK ROUND - 1,2W

Code	Source	Kg	Finish	CRI - CCT
8 405 80 54	LED - 1,2W	0,50	RU corten effect	/8527 85 - 2700K
			CA carbon grey	- 85 - 3000K
			WT white txt	/8540 85 - 4000K

MARK ROUND_ wall



+

IP₆₇

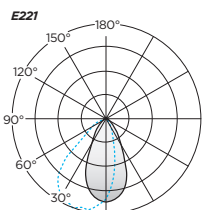
Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 10 Spot

IP₂₀

Drivers

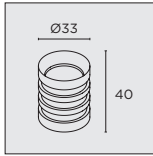
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 06 AL	ON-OFF	76x32x22	5W - 350mA	220/240V	0/50/60Hz	max 4 pcs.
9D0 350 16 AL	ON-OFF	125x38x23	16W - 350mA	220/240V	0/50/60Hz	max 12 pcs.



MARK ROUND

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
1,2W	1,2W	85 - 3000K	120	Opal	E221 24 lm	20 lm/W
		85 - 2700K	110	Opal	E221 22 lm	18 lm/W
		85 - 4000K	125	Opal	E221 25 lm	21 lm/W

MARK ROUND_ accessories

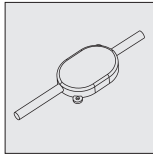


Polymer body for waterproof wiring.

Housing

Code

8 405 90 00 52



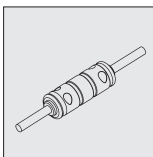
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

MARK SQUARE

MARK SQUARE_ wall



MARK SQUARE

Miniature form factor_ High efficacy LED light source_

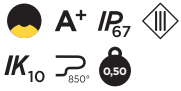
Compact square LED wall marker luminaire with a size of only 40mm x 40mm. Aluminium housing with powder coat finish in carbon grey, matt white textured or rust effect. Available in 2700K, 3000K

and 4000K in CRI85. Nominal power consumption of 1.2W (120lm). Lumen maintenance of 100,000 hrs at L80 B10. Fitted with LED light source and frosted lens for an even light distribution. Luminaire to be

installed with a blackout accessory (to be ordered separately). Ingress protection of IP67. Class III luminaire to be used with remote On/Off power supply.



MARK SQUARE



Product configurator

8 405 81 54 + Driver

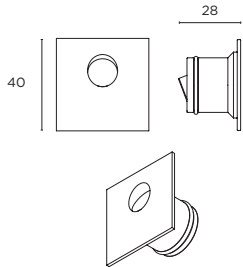
Code Source Finish CRI - CCT*

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

MARK SQUARE - 1,2W

Code	Source	Kg	Finish	CRI - CCT															
8 405 81	54	LED - 1,2W	0,50	<table border="0"> <tr> <td>RU</td> <td>●</td> <td>corten effect</td> <td>/8527</td> <td>85 - 2700K</td> </tr> <tr> <td>CA</td> <td>●</td> <td>carbon grey</td> <td>-</td> <td>85 - 3000K</td> </tr> <tr> <td>WT</td> <td>○</td> <td>white txt</td> <td>/8540</td> <td>85 - 4000K</td> </tr> </table>	RU	●	corten effect	/8527	85 - 2700K	CA	●	carbon grey	-	85 - 3000K	WT	○	white txt	/8540	85 - 4000K
RU	●	corten effect	/8527	85 - 2700K															
CA	●	carbon grey	-	85 - 3000K															
WT	○	white txt	/8540	85 - 4000K															

MARK SQUARE_wall



+

IP₆₇

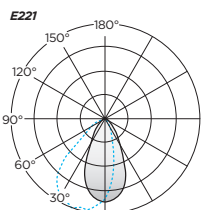
Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 10 Spot

IP₂₀

Drivers

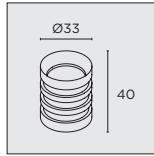
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 06 AL	ON-OFF	76x32x22	5W - 350mA	220/240V	0/50/60Hz	max 4 pcs.
9D0 350 16 AL	ON-OFF	125x38x23	16W - 350mA	220/240V	0/50/60Hz	max 12 pcs.



MARK SQUARE

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
1,2W	1,2W	85 - 3000K	120	Opal	E221 24 lm	20 lm/W
		85 - 2700K	110	Opal	E221 22 lm	18 lm/W
		85 - 4000K	125	Opal	E221 25 lm	21 lm/W

MARK SQUARE_ accessories

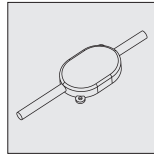
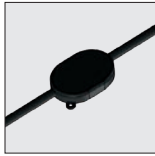


Polymer body for waterproof wiring.

Housing

Code

8 405 90 00 52



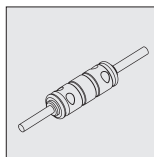
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

TRIM CC

TRIM CC_ wall



TRIM CC

Compact form factor_ Choice of four beam angles_

Compact round LED inground luminaire with a diameter of 65mm and a recessed depth of 60mm. Stainless steel housing. Available in 2700K, 3000K and 4000K in CRI85. Nominal power consumption of 4W (410lm). Lumen maintenance of 50,000

hrs at L80 B10. Available with four optics choices: Narrow flood (8°), Medium (25°), Wide (30°) and Ellipse (12°x34°). Luminaire to be installed with a blackout accessory (to be ordered separately). Suitable for walk over installations with a max. wei-

ght of 1000kg. Ingress protection of IP68. Class III luminaire to be used with remote On/Off power supply (constant current max 350mA).



TRIM CC



Product configurator

8 407 80 54 **75** + Driver

Code Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

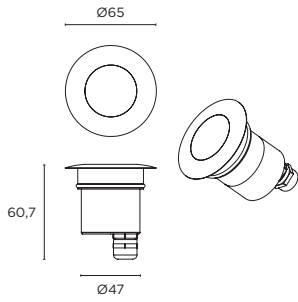
TRIM CC (max350mA) - 4W

Code	Source	Kg	Finish	CRI - CCT
8 407 80 54	LED - 4W 350mA	0,19	75 inox	/8527 85 - 2700K - 85 - 3000K /8540 85 - 4000K

Optic

/NF	Narrow Flood	8°
/M	Medium	25°
/W	Wide	30°
/EL	Ellips	12°x 34°

TRIM CC_wall



+

IP₆₇

Drivers

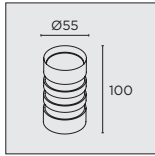
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 13 AL/IP67	ON-OFF	79x38x24,5	13W - 350mA	220/240V	0/50/60Hz	max 2 pcs.
9DM 043 AL/IP67	ON-OFF	120x38x25	14W - 350mA	220/240V	0/50/60Hz	max 3 pcs.
9DO 350 19DDAL/IP67	DALI	125x35x33	19W - 350mA	220/240V	0/50/60Hz	max 3 pcs.

IP₂₀

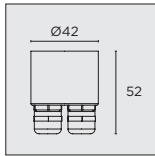
Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9DO 350 10 AL	ON-OFF	76x39x23	10W - 350mA	220/240V	0/50/60Hz	max 2 pcs.
9DO 350 16 AL	ON-OFF	125x38x23	16W - 350mA	220/240V	0/50/60Hz	max 3 pcs.

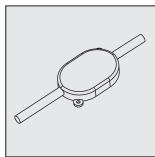
TRIM CC_ accessories



Polymer body for waterproof wiring.

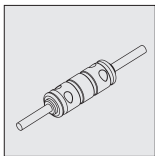


With this accessory it is possible to make In / out connections.



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Housing

Code

8 407 90 00 52

Loop in/out

Code

8 407 91 00 52

Connector

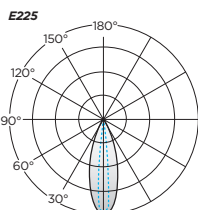
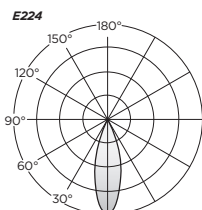
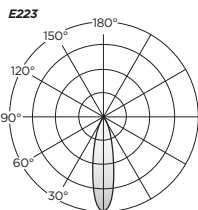
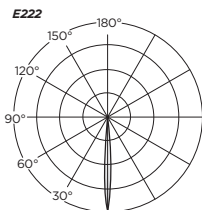
Code

9G 065 3x1 mmq - 2 outputs


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



TRIM CC

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
4W	4W	85 - 3000K	410 lm	Narrow Flood 8°	E222	429 lm	107 lm/W
				Medium 14°	E223	316 lm	79 lm/W
				Wide 30°	E224	339 lm	85 lm/W
				Ell. 5°x60°	E225	305 lm	76 lm/W
85 - 2700K	410 lm	410 lm	Narrow Flood 8°	E222	429 lm	107 lm/W	
			Medium 14°	E223	316 lm	79 lm/W	
			Wide 30°	E224	339 lm	85 lm/W	
			Ell. 5°x60°	E225	305 lm	76 lm/W	
85 - 4000K	440 lm	440 lm	Narrow Flood 8°	E222	460 lm	115 lm/W	
			Medium 14°	E223	339 lm	85 lm/W	
			Wide 30°	E224	364 lm	91 lm/W	
			Ell. 5°x60°	E225	327 lm	82 lm/W	

TRIM DC

TRIM DC_wal/



TRIM DC

Compact form factor_ Choice of four beam angles_

Compact round LED inground luminaire for loop-in / loop-out installations with a diameter of 65mm and a recess depth of 86mm. Stainless steel housing. Available in 2700K, 3000K and 4000K in CRI85. Nominal power consumption of 4W (410lm).

Lumen maintenance of 50,000 hrs at L80 B10. Available with four optics choices including Narrow flood (8°), Medium (25°), Wide (30°) and Ellipse (12°x34°). Luminaire to be installed with a blackout accessory (to be ordered separately). Su-

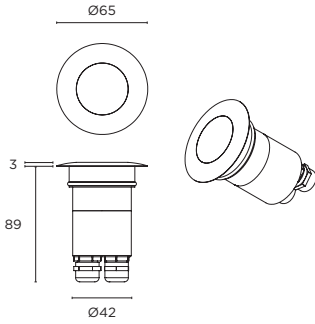
itable for walk over installations and drive over installations with a max. weight of 1000kg. Ingress protection of IP68. Class III luminaire to be used with remote On/Off power supply (24V).



TRIM DC



TRIM DC_wall



Product configurator

8 407 80 40 **75** **+** Driver

Code Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

TRIM DC (24V / 48V) - 4W

Code	Source	Kg	Finish	CRI - CCT
8 407 80 40	LED - 4W 24V	0,27	75 inox	/8527 85 - 2700K - 85 - 3000K /8540 85 - 4000K

Optic

/NF	Narrow Flood	8°
/M	Medium	25°
/W	Wide	30°
/EL	Ellips	12°x 34°

+

IP₆₇

Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67*	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60 Hz	max 3 pcs.
9D 24V 024 DDAL/IP67**	ON-OFF	185x35x33	24W - 24V	220/240V	50/60Hz	max 5 pcs.

Connect in parallel.

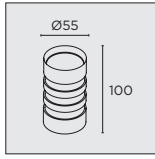
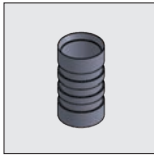
IP₂₀

Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 010 AL	ON-OFF	76x39x13	10W - 24V	220/240V	0/50/60Hz	max 2 pcs.
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 6 pcs.
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 10 pcs.
9D 24V 180 TR	ON-OFF	280x64x31	180W - 24V	220/240V	50/60Hz	max 40 pcs.
9D 24V 150 DD TR	DALI	280x41x29	150W - 24V	220/240V	50/60Hz	max 30 pcs.
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 6 pcs.
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 15 pcs.
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 30 pcs.

Connect in parallel.

TRIM DC_ accessories

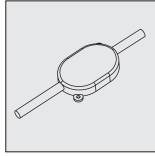
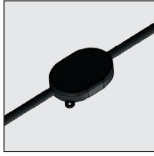


Polymer body for waterproof wiring.

Housing

Code

8 407 90 00 52



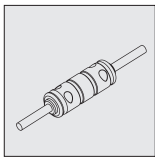
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



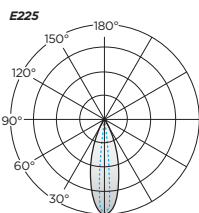
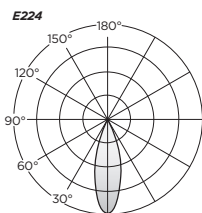
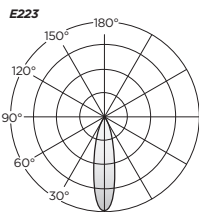
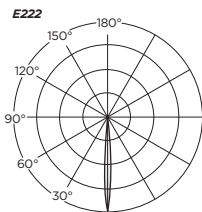
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



TRIM DC

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
4W	4W	85 - 3000K	410 lm	Narrow Flood 8°	E222	429 lm	107 lm/W
				Medium 25°	E223	316 lm	79 lm/W
				Wide 30°	E224	339 lm	85 lm/W
				Ell. 12°x34°	E225	305 lm	76 lm/W
85 - 2700K	410 lm	410 lm	Narrow Flood 8°	E222	429 lm	107 lm/W	
			Medium 25°	E223	316 lm	79 lm/W	
			Wide 30°	E224	339 lm	85 lm/W	
			Ell. 12°x34°	E225	305 lm	76 lm/W	
85 - 4000K	440 lm	440 lm	Narrow Flood 8°	E222	460 lm	115 lm/W	
			Medium 25°	E223	339 lm	85 lm/W	
			Wide 30°	E224	364 lm	91 lm/W	
			Ell. 12°x34°	E225	327 lm	82 lm/W	

TRIM NANO

TRIM NANO_ wall



TRIM NANO

Miniature form factor_

Mini round LED inground luminaire with a diameter of 30mm and a shallow recess depth of 31mm. Stainless steel housing with additional trim finish options including carbon grey, matt white textured and rust effect. Available in 2700K, 3000K and

4000K in CRI85. Nominal power consumption of 1.2W (120lm). Lumen maintenance of 100,000 hrs at L80 B10. Available with two optics choices including Medium (30°) and Extra Wide (73°). Luminaire to be installed with a blockout accessory (to

be ordered separately). Suitable for walk over installations with a max. weight of 1000kg. Ingress protection of IP67. Class III luminaire to be used with remote On/Off power supply.



TRIM NANO



Product configurator

8 406 80 54 75 + Driver

Code Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

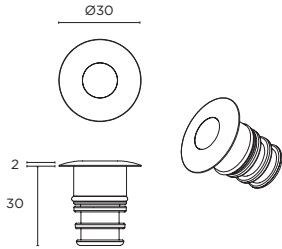
TRIM NANO - 1,2W

Code	Source	Kg	Finish	CRI - CCT						
8 406 80 54	LED - 1,2W	0,37	75 inox	<table border="1"> <tr> <td>/8527</td> <td>85 - 2700K</td> </tr> <tr> <td>-</td> <td>85 - 3000K</td> </tr> <tr> <td>/8540</td> <td>85 - 4000K</td> </tr> </table>	/8527	85 - 2700K	-	85 - 3000K	/8540	85 - 4000K
/8527	85 - 2700K									
-	85 - 3000K									
/8540	85 - 4000K									

Optic

/M	Medium	30°
/X	Extra Wide	73°

TRIM NANO_wall



+

IP₆₇

Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 10 pcs.

Connect in series.

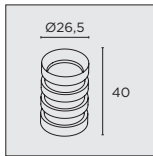
IP₂₀

Drivers

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 06 AL	ON-OFF	76x32x22	5W - 350mA	220/240V	0/50/60Hz	max 4 pcs.*
9D0 350 16 AL	ON-OFF	125x38x23	16W - 350mA	220/240V	0/50/60Hz	max 12 pcs.**

*Connect in series.

TRIM NANO_ accessories

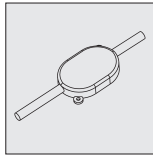


Polymer body for waterproof wiring.

Housing

Code

8 406 90 00 52



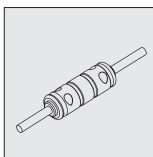
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



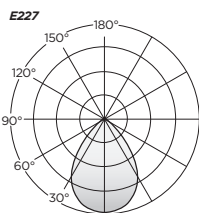
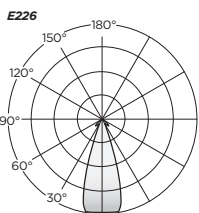
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



TRIM NANO

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
1,2W	1,2	85 - 3000K	120 lm	Medium 30°	E226	61 lm	51 lm/W
				Extra Large 73°	E227	37 lm	31 lm/W
		85 - 2700K	110 lm	Medium 30°	E226	56 lm	47 lm/W
				Extra Large 73°	E227	34 lm	28 lm/W
		85 - 4000K	125 lm	Medium 30°	E226	64 lm	53 lm/W
				Extra Large 73°	E227	39 lm	32 lm/W

TRIPO

TRIPO_bollard





There are forms that derive directly from the functional choices of an object, Tripo is a classic example. We wanted a light product, "transparent, capable of soft and extensive horizontal radiation, easy to install and, above all, resistant. This structure is born with a wide ground anchoring base which in its essentiality leaves free space to the eye and vegetation, bringing the emissive source upwards, in an optical group sealed in die-cast aluminum, invisible and protected. Available in three heights and a Tripo wall version allows free and complete compositions.

TRIPO WALL

TTRIPO WALL_ wall



TRIPO WALL

Discrete luminaire with 120° or 360° beam distribution_

Triangular shaped wall luminaire fitted with a LED board for a wide 120° beam distribution. Also available with PMMA sphere for omnidirectional light distribution. Sturdy construction in aluminum and steel, with high adhesion powder coating. The structure is designed to be robust and lightweight, easily reconcilable into the surrounding environment. The accessory sphere, installed at the factory, gives the

fixture night-time visibility, transforming it from a mimetic light source into a signal and a presence. Available in powers from 4.5w (450lm) or 8W (750lm) in 2700K, 3000K or 4000K in CRI85. Lifetime of 45,000 hours at L80 B10. The powder-coated finish options include natural and textured colors such as charcoal gray, mud brown, matt sand, warm white and rust effect. Protection grade IP65. As an alter-

native to the diffusing sphere, a shielding accessory is available to transform the emission by partializing it and the aesthetics of the product, giving it a strongly decorative and atmospheric appearance. Up to three covers can be used per appliance. CRC supplementary treatment, suggested in environments subject to extreme conditions, is available upon request.



TRIPO WALL



Product configurator

8 408 60

Code **Source** **Finish** **CRI - CCT*** **Optic**

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

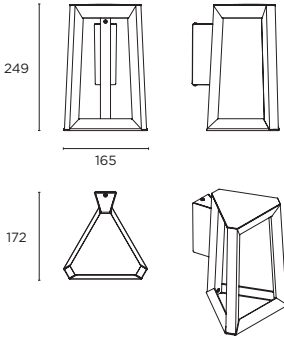
TRIPO WALL

Code	Source	Kg	Finish	CRI - CCT
8 408 60	50	LED - 4,5W	1,15	RU corten effect / 8527 85 - 2700K
	51	LED - 8W	1,15	MB mud brown - 85 - 3000K
			MS matt sand / 8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

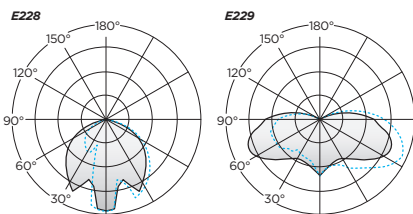
Optic

/W	Wide	120°
/SF	Omnidirectional	360°

TTRIPO WALL_wal

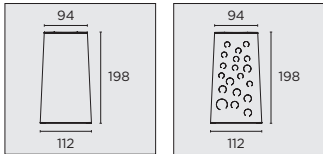


TRIPO WALL



Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy	
4,5W	4,5W	85 - 3000K	520	Wide	E228	285 lm	63 lm/W
				Omnidir.	E229	102 lm	23 lm/W
		85 - 2700K	520	Wide	E228	285 lm	63 lm/W
				Omnidir.	E229	102 lm	23 lm/W
		85 - 4000K	520	Wide	E228	285 lm	63 lm/W
				Omnidir.	E229	102 lm	23 lm/W
8W	8W	85 - 3000K	750	Wide	E228	411 lm	51 lm/W
				Omnidir.	E229	147 lm	18 lm/W
		85 - 2700K	750	Wide	E228	411 lm	51 lm/W
				Omnidir.	E229	147 lm	18 lm/W
		85 - 4000K	750	Wide	E228	411 lm	51 lm/W
				Omnidir.	E229	147 lm	18 lm/W

TRIPO WALL_ accessories



Cover






Product configurator

9G 035

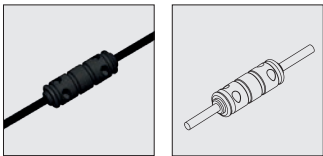
Code Finish Cover

Cover accessory*

Code

9G 035	RU		corten effect	/PL	Plain	Customizable cover
	MB		mud brown			
	MS		matt sand	/DE	Deco	Decorative louver.
	CA		carbon grey			
	WT		white txt			

*Order one for each side. Max. 3 covers per luminaire



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs

TRIPO SMALL 300 / MEDIUM 600 / LARGE 800

TRIPO_bollard



TRIPO

Discrete luminaire with 120° or 360° beam distribution_

Bollard with triangular structure, 800, 600, 300 mm high for ground and wall mounting, equipped with LED board and watertight diffuser, with 120 ° emission beam. Also available with PMMA sphere for omnidirectional light distribution. Sturdy construction in aluminum and steel, with high adhesion powder coating. The structure is designed to be robust and lightweight, easily reconcilable into the surrounding environment. The accessory

sphere, installed at the factory, gives the fixture night-time visibility, transforming it from a mimetic light source into a signal and a presence. Available in powers from 4.5w (450lm) or 8W (750lm) in 2700K, 3000K or 4000K in CRI85. Lifetime of 45,000 hours at L80 B10. The powder-coated finish options include natural and textured colors such as charcoal gray, mud brown, matt sand, warm white and rust effect. Protection grade IP66. As

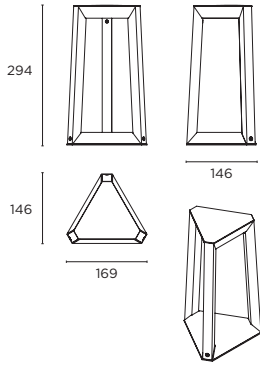
an alternative to the diffusing sphere, a shielding accessory is available to transform the emission by partializing it and the aesthetics of the product, giving it a strongly decorative and atmospheric appearance. Up to three covers can be used per appliance. CRC supplementary treatment, suggested in environments subject to extreme conditions, is available upon request.



TRIPO SMALL 300



TRIPO SMALL 300_bollard



Product configurator

8 408 30

Code **Source** **Finish** **CRI - CCT*** **Optic**

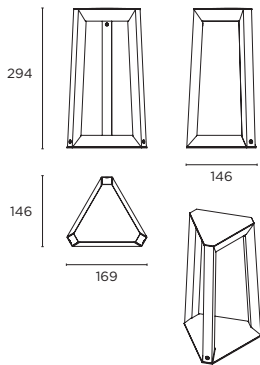
** For the version CRI 85 - 3000K it is not necessary to fill in the field.*

TRIPO SMALL 300

Code	Source	Kg	Finish	CRI - CCT
8 408 30	50	LED - 4,5W	1,2	RU corten effect /8527 85 - 2700K
	51	LED - 8W	1,2	MB mud brown - 85 - 3000K
			MS matt sand /8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°



Product configurator

8 408 30 24 + Driver

Code **Source** **Finish** **CRI - CCT*** **Optic**

** For the version CRI 85 - 3000K it is not necessary to fill in the field.*

TRIPO SMALL 300 - 24V

Code	Source	Kg	Finish	CRI - CCT
8 408 30 24	/05	LED - 4,5W	1,2	RU corten effect /8527 85 - 2700K
	/08	LED - 8W	1,2	MB mud brown - 85 - 3000K
			MS matt sand /8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

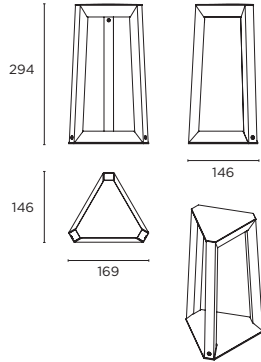


Product configurator

8 408 30 48 + Driver

Code **Source** **Finish** **CRI - CCT*** **Optic**

* For the version CRI 85 - 3000K it is not necessary to fill in the field.



TRIPO SMALL 300 - 48V

Code	Source	Kg	Finish	CRI - CCT
8 408 30 48	/05	LED - 4,5W	1,2	RU corten effect /8527 85 - 2700K
	/08	LED - 8W	1,2	MB mud brown - 85 - 3000K
			MS matt sand /8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

Driver for TRIPO SMALL 300 - 24V

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 024 DDAL/IP67	DALI	185x35x33	24W - 24V	220/240V	50/60Hz	max 2 pcs. 8W / 4pcs. 4,5W
9D 24V 010 AL	ON-OFF	76x31x23	10W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 7 pcs. 8W / 12pcs. 4,5W

Connect in parallel.

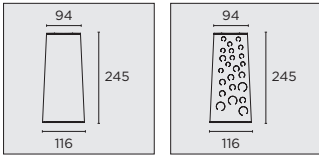
Driver for TRIPO SMALL 300 - 48V

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	150/60Hz	max 8 pcs. 8W / 14pcs. 4,5W
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	150/60Hz	max 18 pcs. 8W / 30pcs. 4,5W
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 9 pcs. 8W / 15pcs. 4,5W
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 18 pcs. 8W / 30pcs. 4,5W

Connect in parallel.

TRIPO SMALL 300_ accessories

TRIPO SMALL 300_ bollard



Cover

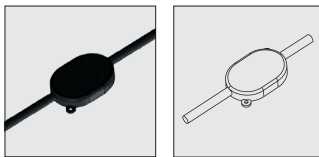
Product configurator

9G 057		
Code	Finish	Cover

Cover accessory*

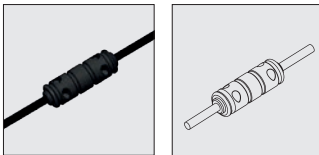
Code			
9G 057	RU	corten effect	/PL Plain Customizable cover
	MB	mud brown	
	MS	matt sand	/DE Deco Decorative louver.
	CA	carbon grey	
	WT	white txt	

*Order one for each side. Max. 3 covers per luminaire



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

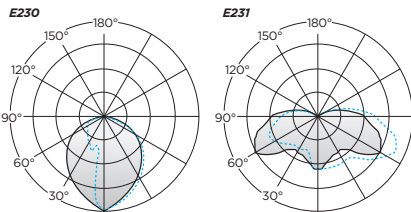
IP₆₈

Connector

Code	
9G 065	3x1 mmq - 2 outputs

Connector

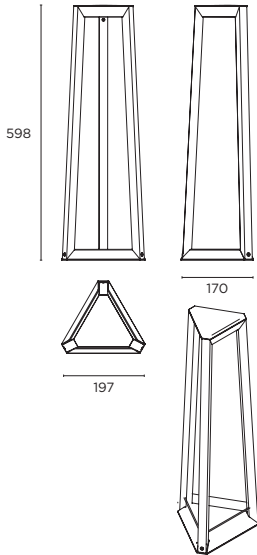
Code	
9G 066	3x1,5 mmq - 2 outputs



TRIPO SMALL

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
4,5W	4,5W	85 - 3000K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
		85 - 2700K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
		85 - 4000K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
8W	8W	85 - 3000K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W
		85 - 2700K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W
		85 - 4000K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W

TRIPO MEDIUM 600



Product configurator

8 408 31

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

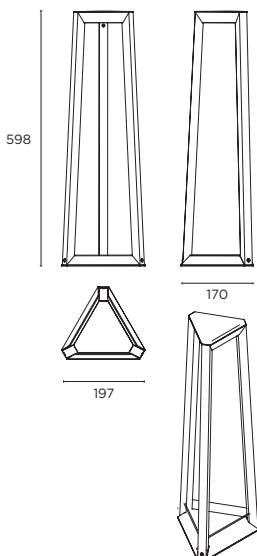
TRIPO MEDIUM 600

Code	Source	Kg	Finish	CRI - CCT
8 408 31	50	LED - 4,5W	1,7	RU corten effect / 8527 85 - 2700K
	51	LED - 8W	1,7	MB mud brown - 85 - 3000K
			MS matt sand / 8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

TTTRIPO MEDIUM 600_ bollard



Product configurator

8 408 31 24 + Driver

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

TRIPO MEDIUM 600 - 24V

Code	Source	Kg	Finish	CRI - CCT
8 408 31 24	/05	LED - 4,5W	1,7	RU corten effect / 8527 85 - 2700K
	/08	LED - 8W	1,7	MB mud brown - 85 - 3000K
			MS matt sand / 8540 85 - 4000K	
			CA carbon grey	
			WT white txt	

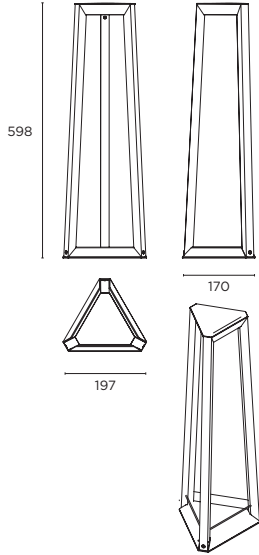
Optic

/W	Wide	120°
/SF	Omnidirectional	360°

TRIPO MEDIUM 600



TRIPO MEDIUM 600_bollard



Product configurator

8 408 31 48 + Driver

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

TRIPO MEDIUM 600 - 48V

Code	Source	Kg	Finish	CRI - CCT
8 408 31 48	/05 LED - 4,5W	1,7	RU corten effect	/8527 85 - 2700K
	/08 LED - 8W	1,7	MB mud brown	- 85 - 3000K
			MS matt sand	/8540 85 - 4000K
			CA carbon grey	
			WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

Driver for TRIPO MEDIUM 600 - 24V

Code	Control	LxPxx	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 024 DDAL/IP67	DALI	185x35x33	24W - 24V	220/240V	50/60Hz	max 2 pcs. 8W / 4pcs. 4,5W
9D 24V 010 AL	ON-OFF	76x31x23	10W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 7 pcs. 8W / 12pcs. 4,5W

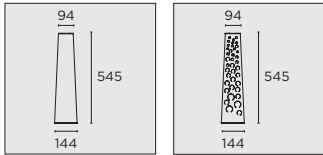
Connect in parallel.

Driver for TRIPO MEDIUM 600 - 48V

Code	Control	LxPxx	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	150/60Hz	max 8 pcs. 8W / 14pcs. 4,5W
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	150/60Hz	max 18 pcs. 8W / 30pcs. 4,5W
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 9 pcs. 8W / 15pcs. 4,5W
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 18 pcs. 8W / 30pcs. 4,5W

Connect in parallel.

TRIPO MEDIUM 600_ accessories



Cover

Product configurator

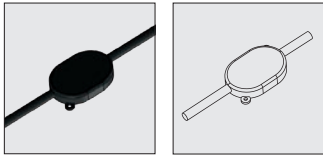
9G 058

Code Finish Cover

Cover accessory*

Code	H				
9G 058	545	RU	corten effect	/PL	Plain Customizable cover
		MB	mud brown		
		MS	matt sand	/DE	Deco Decorative louver.
		CA	carbon grey		
		WT	white txt		

*Order one for each side. Max. 3 covers per luminaire



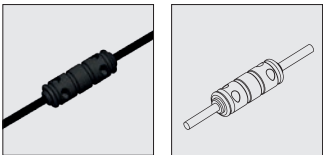
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



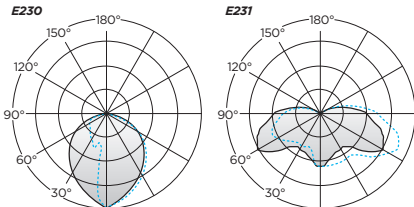
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs



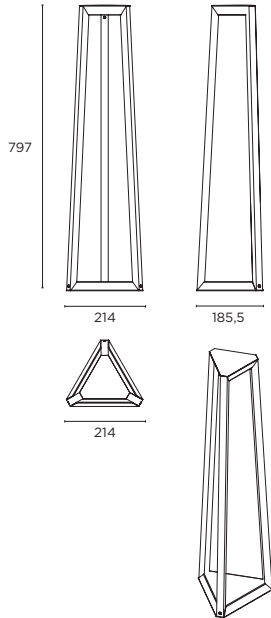
TRIPO MEDIUM

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
4,5W	4,5W	85 - 3000K	520	Wide	E230	291 lm 65 lm/W
				Omnidir.	E231	201 lm 45 lm/W
		85 - 2700K	520	Wide	E230	291 lm 65 lm/W
				Omnidir.	E231	201 lm 45 lm/W
		85 - 4000K	520	Wide	E230	291 lm 65 lm/W
				Omnidir.	E231	201 lm 45 lm/W
8W	8W	85 - 3000K	750	Wide	E230	420 lm 53 lm/W
				Omnidir.	E231	290 lm 36 lm/W
		85 - 2700K	750	Wide	E230	420 lm 53 lm/W
				Omnidir.	E231	290 lm 36 lm/W
		85 - 4000K	750	Wide	E230	420 lm 53 lm/W
				Omnidir.	E231	290 lm 36 lm/W

TRIPO LARGE 800



TRIPO LARGE 800_ bollard



Product configurator

8 408 32 + Driver

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

TRIPO LARGE 800

Code	Source	Kg	Finish	CRI - CCT
8 408 32	50	LED - 4,5W	1,95	RU corten effect / 8527 85 - 2700K MB mud brown - 85 - 3000K MS matt sand / 8540 85 - 4000K CA carbon grey WT white txt
	51	LED - 8W	1,95	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°



Product configurator

8 408 32 24 + Driver

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

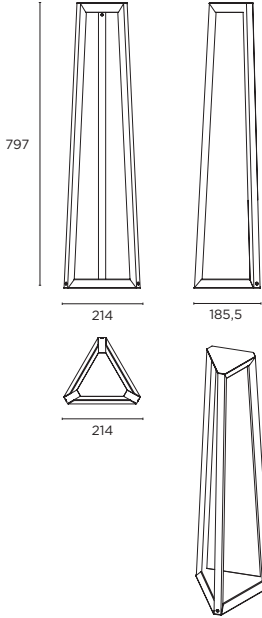
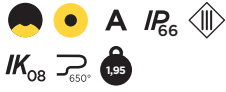
TRIPO LARGE 800 - 24V

Code	Source	Kg	Finish	CRI - CCT
8 408 32 24	/05	LED - 4,5W	1,95	RU corten effect / 8527 85 - 2700K MB mud brown - 85 - 3000K MS matt sand / 8540 85 - 4000K CA carbon grey WT white txt
	/08	LED - 8W	1,95	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

TRIPO LARGE 800



Product configurator

8 408 32 48 + Driver

Code Source Finish CRI - CCT* Optic

* For the version CRI 85 - 3000K it is not necessary to fill in the field.

TRIPO LARGE 800 - 48V

Code	Source	Kg	Finish	CRI - CCT	
8 408 32 48	/05	LED - 4,5W	1,95	RU corten effect	/8527 85 - 2700K
	/08	LED - 8W	1,95	MB mud brown	- 85 - 3000K
				MS matt sand	/8540 85 - 4000K
				CA carbon grey	
				WT white txt	

Optic

/W	Wide	120°
/SF	Omnidirectional	360°

Driver for TRIPO LARGE 800 - 24V

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 24V 014 AL/IP67	ON-OFF	79x38x24,5	14W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 024 DDAL/IP67	DALI	185x35x33	24W - 24V	220/240V	50/60Hz	max 2 pcs. 8W / 4pcs. 4,5W
9D 24V 010 AL	ON-OFF	76x31x23	10W - 24V	220/240V	0/50/60Hz	max 1 pcs. 8W / 2pcs. 4,5W
9D 24V 030 AL	ON-OFF	125x38x23	30W - 24V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 24V 060 TR	ON-OFF	250x40x21	60W - 24V	220/240V	0/50/60Hz	max 7 pcs. 8W / 12pcs. 4,5W

Connect in parallel.

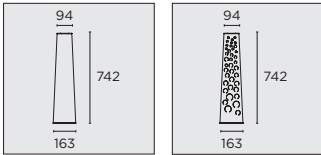
Driver for TRIPO LARGE 800 - 48V

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D 48V 030 AL	ON-OFF	125x38x23	30W - 48V	220/240V	0/50/60Hz	max 3 pcs. 8W / 6pcs. 4,5W
9D 48V 070 TC	ON-OFF	225x60x36	70W - 48V	220/240V	150/60Hz	max 8 pcs. 8W / 14pcs. 4,5W
9D 48V 150 TC	ON-OFF	240x60x49	150W - 48V	220/240V	150/60Hz	max 18 pcs. 8W / 30pcs. 4,5W
9D 48V 075 AL	ON-OFF	280x41x29	75W - 48V	220/240V	0/50/60Hz	max 9 pcs. 8W / 15pcs. 4,5W
9D 48V 150 AL	ON-OFF	280x41x29	150W - 48V	220/240V	0/50/60Hz	max 18 pcs. 8W / 30pcs. 4,5W

Connect in parallel.

TRIPO LARGE 800_ accessories

TRIPO LARGE 800_ bollard



Cover

Product configurator

9G 059

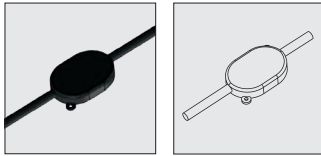
Code Finish Cover

Cover accessory*

Code H

9G 059	742	RU		corten effect	/PL	Plain	Customizable cover
		MB		mud brown			
		MS		matt sand	/DE	Deco	Decorative louver.
		CA		carbon grey			
		WT		white txt			

*Order one for each side. Max. 3 covers per luminaire



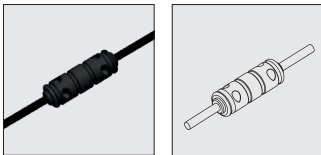
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 065 3x1 mmq - 2 outputs



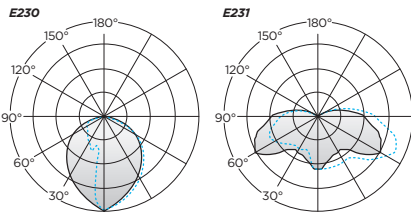
With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

Code

9G 066 3x1,5 mmq - 2 outputs



TRIPO LARGE

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
4,5W	4,5W	85 - 3000K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
		85 - 2700K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
		85 - 4000K	520	Wide	E230	291 lm	65 lm/W
				Omnidir.	E231	201 lm	45 lm/W
8W	8W	85 - 3000K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W
		85 - 2700K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W
		85 - 4000K	750	Wide	E230	420 lm	53 lm/W
				Omnidir.	E231	290 lm	36 lm/W



FLEUR

FLEUR_ recessed on the ground / bollard





Perhaps the greatest expression of camouflage, Fleur hides in the greens during the day and reveals itself at night with its multiple configurations. In its decorative variants, with a spherical or conical diffuser, it becomes an emotional connotation of the night scene with a very soft diffused emission that can be arranged thanks to the flexible stems. The one-stem version is instead designed to offer real micro-projectors. Available with three lens optics that completely transform the decorative concept of Fleur by providing the designer with the most mimetic and adaptable form of accent light.

FLEUR

FLEUR_ recessed on the ground / bollard



FLEUR

Configurable system with flexible FLEUR_

Versatile lighting system for diffused and accent lighting needs, completely mimetic. FLEUR is constituted by flexible stems with reinforced terminals in powder-painted brass and steel. The LED lighting elements can be configured as a projector, available in Spot 12°, Medium 24° or Wide 41°, or with a spherical or conical diffuser for omnidirectional lighting. Each stem ho-

sts a nominal Led 1.2W (120lm) in 2700K, 3000K or 4000K in CRI85, with a lifetime of 100,000 hours at L80 B10. Mounting options for FLEUR include picket, tree, recessed and surface installation. FLEUR recessed and surface versions are available with two or three individually configurable stems, while the picket and tree versions are configured with a single stem.

The brass and steel mounting base and the optical assemblies are available in a selection of powder paint finishes including charcoal gray, mud brown, sand and corten. The FLEUR stems are coated with a high-strength hazelnut textile sheath. Degree of protection IP65. Class III device with a selection of remote drivers.



FLEUR

FLEUR_ recessed on the ground / bollard





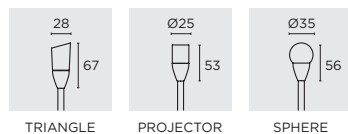
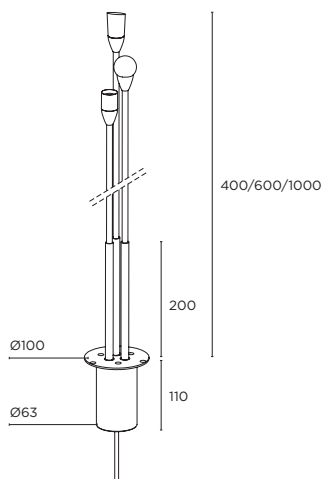
FLEUR_ recessed on the ground / bollard



FLEUR INGROUND



FLEUR INGROUND_ recessed on the ground



Product configurator

8 409 50 + FLEUR

Code Number of FLEUR Mounting Finish

FLEUR INGROUND / BODY

Code	Number of FLEUR	Kg	Mounting	Finish
8 409	32	2 x Fleur	0,4	50 Inground
	33	3 x Fleur	0,5	

Each stem must be individually configured.

- RU** corten effect
- MB** mud brown
- MS** matt sand
- CA** carbon grey

+

Product configurator

8 409 70

Code Height CRI - CCT* Finish Light element Optic*

The color options refer exclusively to the head of the stem.

FLEUR SPIKE / STEM - 1,2W

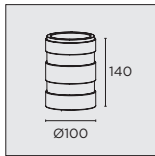
Code	Height	Kg	CRI - CCT	Finish
8 409 70	04	400mm	0,18 /8527	85 - 2700K
	06	600mm	0,19 -	85 - 3000K
	10	1000mm	0,2 /8540	85 - 4000K

- RU** corten effect
- MB** mud brown
- MS** matt sand
- CA** carbon grey

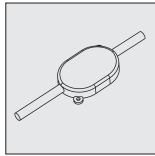
Light element	Optic**
/SP Sphere *	/S Spot 12°
/TR Triangle *	/M Medium 24°
/PR Projector **	/W Wide 41°

* OPTIC; glow wire 850°
** Only with projector

FLEUR INGROUND_ accessories

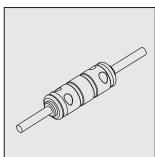


Polymer body for waterproof wiring.



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Housing

Code

8 409 90 00 52

Connector

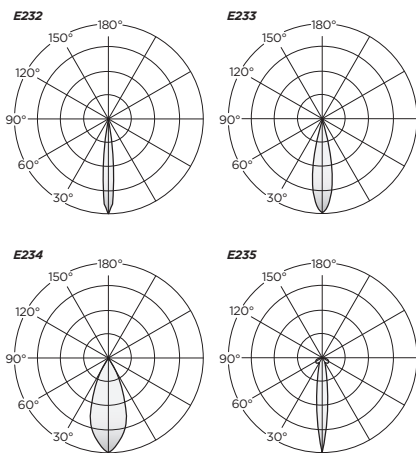
Code

9G 065 3x1 mmq - 2 outputs


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



FLEUR INGROUND

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
1,2	1,2	85 - 3000K	120 lm	Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
				Triangle	E235	73 lm	61 lm/W
85 - 2700K	110 lm			Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
				Triangle	E235	73 lm	61 lm/W
85 - 4000K	125 lm			Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
				Triangle	E235	73 lm	61 lm/W

FLEUR SURFACE



Product configurator

8 409 54 + FLEUR + Driver

Code Number of FLEUR Mounting Finish

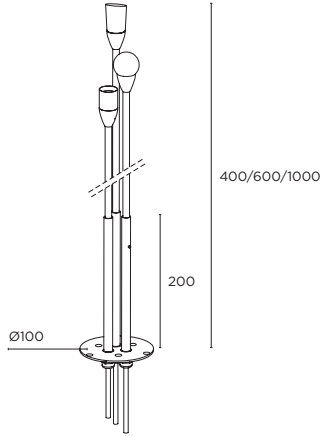
FLEUR SURFACE / BODY

Code	Number of FLEUR	Kg	Mounting	Finish
8 409	32	2 x Fleur	0,3	54 Surface mount
	33	3 x Fleur	0,37	

Each stem must be individually configured.

- RU** corten effect
- MB** mud brown
- MS** matt sand
- CA** carbon grey

FLEUR SURFACE_ surface



Product configurator

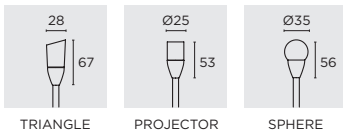
8 409 70

Code Height CRI - CCT* Finish Light element Optic*

The color options refer exclusively to the head of the stem.

FLEUR SPIKE / STEM - 1,2W

Code	Height	Kg	CRI - CCT	Finish
8 409 70	04	400mm	0,18 /8527 85 - 2700K	RU corten effect
	06	600mm	0,19 - 85 - 3000K	MB mud brown
	10	1000mm	0,2 /8540 85 - 4000K	MS matt sand
				CA carbon grey



Light element	Optic**
/SP Sphere *	/S Spot 12°
/TR Triangle *	/M Medium 24°
/PR Projector **	/W Wide 41°

* OPTIC; glow wire 850°
** Only with projector

IP₆₇

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 3 pcs.

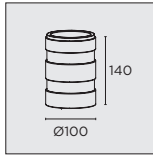
Connect in series.

IP₂₀

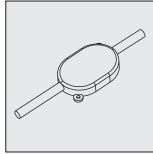
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 06 AL	ON-OFF	176x32x22	5W - 350mA	220/240V	0/50/60Hz	max 3 pcs.*

**Connect in series.*

FLEUR SURFACE_ accessories

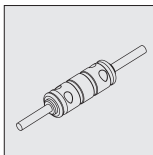


Polymer body for waterproof wiring.



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Housing

Code

8 409 90 00 52

Connector

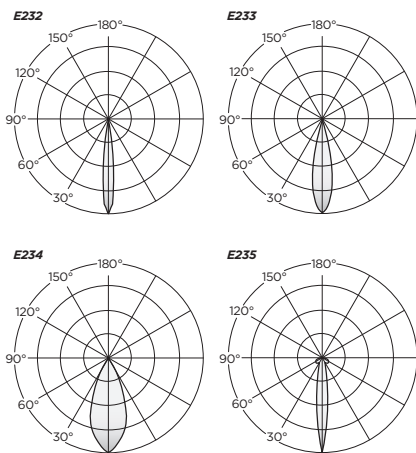
Code

9G 065 3x1 mmq - 2 outputs

Connector

Code

9G 066 3x1,5 mmq - 2 outputs



FLEUR SURFACE

Power	Power consumption	CRI - CCT	Nominal	Optic	Deliv. output	Efficacy
1.2	1.2	85 - 3000K	120 lm	Spot 12°	E232 71 lm	59 lm/W
				Medium 24°	E233 75 lm	63 lm/W
				Wide 41°	E234 66 lm	55 lm/W
				Sphere	E235 73 lm	61 lm/W
				Triangle	E235 73 lm	61 lm/W
				85 - 2700K	110 lm	Spot 12°
85 - 4000K	125 lm	85 - 4000K	125 lm	Medium 24°	E233 75 lm	63 lm/W
				Wide 41°	E234 66 lm	55 lm/W
				Sphere	E235 73 lm	61 lm/W
				Triangle	E235 73 lm	61 lm/W
				Spot 12°	E232 71 lm	59 lm/W
				Medium 24°	E233 75 lm	63 lm/W
Wide 41°	E234 66 lm	55 lm/W				
Sphere	E235 73 lm	61 lm/W				
Triangle	E235 73 lm	61 lm/W				

FLEUR SPIKE



Product configurator

8 409 31 55 + FLEUR + Driver

Code Mounting Finish

FLEUR SPIKE / BODY

Code	Number of FLEUR	Kg	Mounting	Finish
8 409 31	1 x Fleur	0,2	55 Spike	RU corten effect MB mud brown MS matt sand CA carbon grey

+

Product configurator

8 409 70

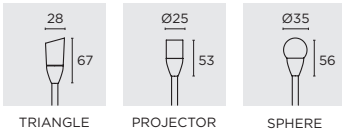
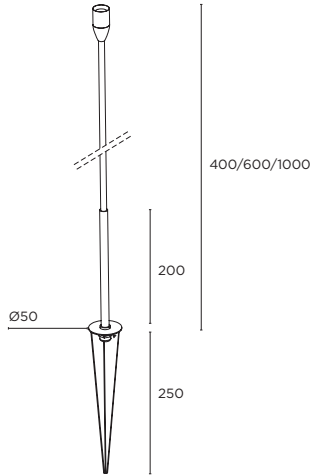
Code Height CRI - CCT* Finish Light element Optic*

The color options refer exclusively to the head of the stem.

FLEUR SPIKE / STEM - 1,2W

Code	Height	Kg	CRI - CCT	Finish
8 409 70	04 400mm	0,18	/8527 85 - 2700K	RU corten effect
	06 600mm	0,19	- 85 - 3000K	MB mud brown
	10 1000mm	0,2	/8540 85 - 4000K	MS matt sand CA carbon grey

FLEUR SPIKE_ spike



Light element Optic**

/SP Sphere *	/S Spot	12°
/TR Triangle *	/M Medium	24°
/PR Projector **	/W Wide	41°

* OPTIC; glow wire 850°

** Only with projector

+

Drivers

IP₆₇

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 10 pcs.

Connect in series.

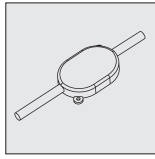
Drivers

IP₂₀

Code	Control	LxPxh	Power	Voltage	Frequency	Compositions
9D0 350 06 AL	ON-OFF	76x32x22	5W - 350mA	220/240V	0/50/60Hz	max 4 pcs.*
9D0 350 16 AL	ON-OFF	125x38x23	16W - 350mA	220/240V	0/50/60Hz	max 12 pcs.**

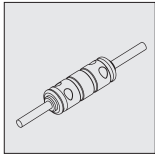
*Connect in series.

FLEUR SPIKE_ accessories



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

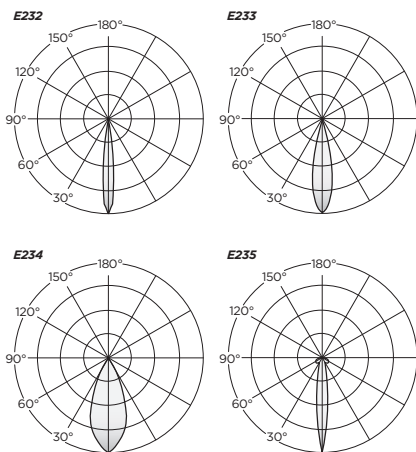
Code

9G 065 3x1 mmq - 2 outputs


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



FLEUR SPIKE

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy		
1.2	1.2	85 - 3000K	120 lm	Spot 12°	E232	71 lm	59 lm/W		
				Medium 24°	E233	75 lm	63 lm/W		
				Wide 41°	E234	66 lm	55 lm/W		
			85 - 2700K	110 lm	Sphere	E235	73 lm	61 lm/W	
					Triangle	E235	73 lm	61 lm/W	
					Spot 12°	E232	71 lm	59 lm/W	
			85 - 4000K	125 lm	110 lm	Medium 24°	E233	75 lm	63 lm/W
						Wide 41°	E234	66 lm	55 lm/W
						Sphere	E235	73 lm	61 lm/W
125 lm	Triangle	E235			73 lm	61 lm/W			
	Spot 12°	E232			71 lm	59 lm/W			
	Medium 24°	E233			75 lm	63 lm/W			
				Wide 41°	E234	66 lm	55 lm/W		
				Sphere	E235	73 lm	61 lm/W		
				Triangle	E235	73 lm	61 lm/W		

FLEUR TREE



Product configurator

8 409 70 12

Code Height CRI - CCT* Finish Light element Optic*

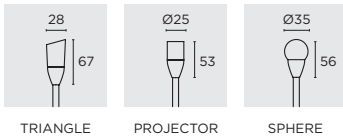
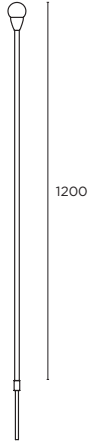
The color options refer exclusively to the head of the fixture.

* 1200mm length and 3000mm cable

FLEUR TREE / STEM - 1,2W

Code	Kg	Height	CRI - CCT	Finish
8 409 70	0,22	12 1200mm	/8527	85 - 2700K
			-	85 - 3000K
			/8540	85 - 4000K
			Finish	
RU	corten effect			
MB	mud brown			
MS	matt sand			
CA	carbon grey			

FLEUR TREE_tree



Light element	Optic**
/SP Sphere *	/S Spot 12°
/TR Triangle *	/M Medium 24°
/PR Projector **	/W Wide 41°

** OPTIC; glow wire 850°

*** Only with projector

+

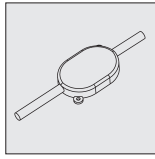
IP67 Drivers							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9DO 350 14 AL/IP67	ON-OFF	79x38x24,5	14W - 350mA	220/240V	0/50/60Hz	max 10 pcs.	

Connect in series.

IP20 Drivers							
Code	Control	LxPxh	Power	Voltage	Frequency	Compositions	
9DO 350 06 AL	ON-OFF	76x32x22	5W - 350mA	220/240V	0/50/60Hz	max 4 pcs.*	

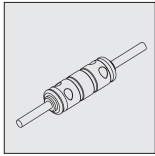
*Connect in series.

FLEUR TREE_ accessories



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈



With this accessory, you can create connections while ensuring IP68 grade protection.

IP₆₈

Connector

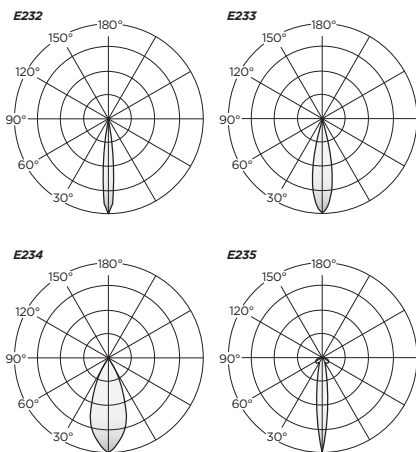
Code

9G 065 3x1 mmq - 2 outputs


Connector

Code

9G 066 3x1,5 mmq - 2 outputs



FLEUR TREE

Power	Power consumption	CRI - CCT	Nominal	Optic		Deliv. output	Efficacy
1.2	1.2	85 - 3000K	120 lm	Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
85 - 2700K	110 lm			Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
85 - 4000K	125 lm			Spot 12°	E232	71 lm	59 lm/W
				Medium 24°	E233	75 lm	63 lm/W
				Wide 41°	E234	66 lm	55 lm/W
				Sphere	E235	73 lm	61 lm/W
				Triangle	E235	73 lm	61 lm/W

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PROTECTION LEVEL

The **IP** (International Protection - IEC standard 60529) standard establishes the resistance of a product against the intrusion of solid particles (such as parts of the body and dust) as well as liquids.

The **IP** - - code is followed by two digits according to the table, the first refers to the intrusion of solid bodies, the second to the degree of protection against liquid penetration.



FIRST digit SOLID OBJECTS value 0 - 6

- IP 0-** No protection against contact and ingress of objects
- IP 1 -** Any large surface of the body, such as the back of a hand, but no protection against deliberate contact with a body part >50 mm
- IP 2 -** Fingers or similar objects >12.5 mm
- IP 3 -** Tools, thick wires, etc >2.5 mm
- IP 4 -** Most wires, slender screws, large ant etc. >1 mm
- IP 5 -** Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.
- IP 6 -** No ingress of dust; complete protection against contact (dust tight). A vacuum must be applied. Test duration of up to 8 hours based on air flow.

SECOND digit LIQUID OBJECTS value 0 - 8

- IP - 0** No protection against contact and ingress of liquid
- IP - 1** Vertically dripping water shall have no harmful effect when the enclosure is tilted at an angle of 15° from its normal position. A total of four positions are tested within two axes. Dripping water.
- IP - 2** Vertically dripping water shall have no harmful effect when the enclosure is tilted at an angle of 15° from its normal position. A total of four positions are tested within two axes. Dripping water when tilted at 15°.
- IP - 3** Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect, utilizing either: a) an oscillating fixture, or b) A spray nozzle with a counterbalanced shield. Spraying water.
- IP - 3** Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect, utilizing either: a) an oscillating fixture, or b) A spray nozzle with a counterbalanced shield. Spraying water.
- IP - 4** Water splashing against the enclosure from any direction shall have no harmful effect, utilizing either: a) an oscillating fixture, or b) A spray nozzle with no shield. Splashing of water.
- IP - 5** Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects. Water jets.
- IP - 6** Water projected in powerful jets (12.5 mm nozzle) against the enclosure from any direction shall have no harmful effects. Powerful water jets.
- IP - 7** Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion). Immersion, up to 1 m depth.
- IP - 8** The equipment is suitable for continuous immersion in water under conditions which shall be specified by the manufacturer. However, with certain types of equipment, it can mean that water can enter but only in such a manner that it produces no harmful effects. Immersion, 1 m or more depth.



FIRST digit
SOLID OBJECTS 0-6

SECOND digit
LIQUID OBJECTS 0-8

PROTECTION CLASS

The electrical insulation classes are the homogeneous grouping defined by the IEC (International Electrotechnical Commission) which refers to the technical specifications that are applicable to an electric device to limit the risk of electrocution resulting from a failure of the system.

CLASSE	DESCRIPTION
0	These appliances have no protective-earth connection and feature only a single level of insulation between live parts and exposed metalwork. If permitted at all, Class 0 items are intended for use in dry areas only. A single fault could cause an electric shock or other dangerous occurrence, without triggering the automatic operation of any fuse or circuit breaker. Sales of such items have been prohibited in much of the world for safety reasons, for example in the UK by Section 8 of The Low Voltage Electrical Equipment (Safety) Regulations 1989 and New Zealand by the Electricity Act. However, equipment of this class is common in 110V countries, and in much of the 220V developing world, whether permitted officially or not. These appliances must have their chassis connected to electrical earth.
I 	These appliances must have their chassis connected to electrical earth (US: ground) by a separate earth conductor (coloured green/yellow in most countries, green in the US, Canada and Japan). The earth connection is achieved with a 3-conductor mains cable, typically ending with 3-prong AC connector which plugs into a corresponding AC outlet. The basic requirement is that no single failure can result in dangerous voltage becoming exposed so that it might cause an electric shock and that if a fault occurs the supply will be removed automatically (this is sometimes referred to as ADS = Automatic Disconnection of Supply). A fault in the appliance which causes a live conductor to contact the casing will cause a current to flow in the earth conductor. If large enough, this current will trip an over-current device (fuse or circuit breaker (CB)) and disconnect the supply. The disconnection time has to be fast enough not to allow fibrillation to start if a person is in contact with the casing at the time. This time and the current rating in turn sets a maximum earth resistance permissible. To provide supplementary protection against high-impedance faults it is common to recommend a residual-current device (RCD) also known as a residual current circuit breaker (RCCB), ground fault circuit interrupter (GFCI), or residual current operated circuit-breaker with integral over-current protection (RCBO), which will cut off the supply of electricity to the appliance if the currents in the two poles of the supply are not equal and opposite.
II 	A Class II or double insulated electrical appliance is one which has been designed in such a way that it does not require a safety connection to electrical earth (ground). The basic requirement is that no single failure can result in dangerous voltage becoming exposed so that it might cause an electric shock and that this is achieved without relying on an earthed metal casing. This is usually achieved at least in part by having at least two layers of insulating material between live parts and the user, or by using reinforced insulation. In Europe, a double insulated appliance must be labelled Class II or double insulated or bear the double insulation symbol (a square inside another square). Insulated AC/DC power supplies (such as cell-phone chargers) are typically designated as Class II, meaning that the DC output wires are isolated from the AC input. The designation "Class II" should not be confused with the designation "Class 2", as the latter is unrelated to insulation (it originates from standard UL 1310, setting limits on maximum output voltage/current/power).
III 	A Class III appliance is designed to be supplied from a separated/safety extra-low voltage (SELV) power source. The voltage from a SELV supply is low enough that under normal conditions a person can safely come into contact with it without risk of electrical shock. The extra safety features built into Class I and Class II appliances are therefore not required. For medical devices, compliance with Class III is not considered sufficient protection, and further more-stringent regulations apply to such equipment.

UGR IN EXENIA PRODUCTS

The UGR index - Unified Glare Rating - defines the level of irritating glare, produced by the light illuminating a room. The index is defined by many

factors which depend on the kind of the fixtures (the emitting surface of the device in relation to the flux play an important role) and the installation

environment since the finishes of the walls, the floor, the location of the furnishings, the presence of windows play a role as well.

The value is the result of the following equation:

$$UGR = 8 \log_{10} \left(\frac{0,25}{L_b} \sum_{N_a} \frac{L^2 \omega}{\rho^2} \right)$$

"L_b" and "L₂" are respectively the luminance of the background and the luminance of the luminous parts of each fixture, "ω" is the solid angle subtended by the same, "ρ" is the Guth position index (function of the longitudinal distance between the human eye, the transverse plane of the source and the transverse distance between the eye and the longitudinal plane of the source).

Although today the assessment of the irritating glare level can be processed by means of a lighting design software, the above-mentioned equation can immediately point out that when defining the UGR parameter, we can consider the background luminance, the overall luminance of the installed fixtures that are in the same field of view by taking into account the solid angle of view of the observer and the position of the devices in relation to the observer.

Making it easier, the luminance is a ratio that considers the light reaching our eyes by reflection from an illuminated surface and the light that comes from an emitting surface. The luminance depends on the intensity of the source and from the apparent area of the surface directed to the observer. It is clear that the luminance value always depends on the observer position with respect to the lighting source.

The regulations which define the UGR value are in the indoor lighting UNI EN 12464-1 2011, CIE publication 117 standards.

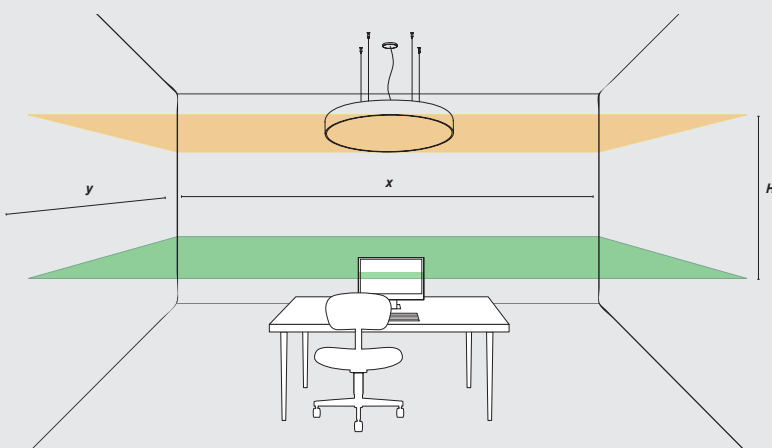
The UGR scale can be considered for minimum values that start at 10 (no glare), up to 30 (high glare). The UGR limits are given every three units (10, 13, 16, 19, 22 etc.) since every three units there is a change to a different class in

accordance with the standard, Some fixtures of our range of products have reference values of the indexes according to the UGR tabular method for reflection coefficients 752 (0.7 ceiling, 0.5 walls, 0.2 floor) which consider X = 4H, Y = 2H as room dimensions (H is the height difference between the eye and the light sources).

We would like to remind that these values are samples and valid only in case of use of fixtures which are:

- installed in rectangular rooms;
- installed together with other fixtures of the same type and the same level;
- symmetrical and arranged in parallel to the wall.

For further information or evaluations, we recommend making a simulation by means of a lighting design software.



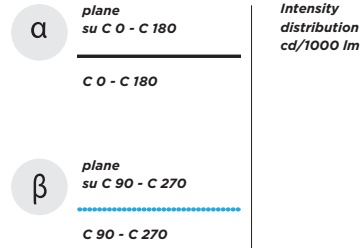
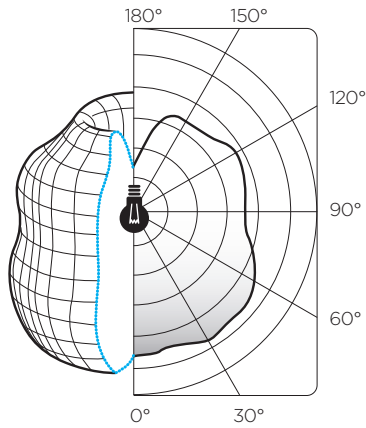
PHOTOMETRIC DATA

In this catalogue, each product has the polar diagrams reported for each power and beam combination. For ease of reference, the representations of the distributions

on international reference levels (C0-C180 and C90-C270) have been summarized for different fixtures with the same distribution of light intensities. For symmetri-

cal and rotosymmetrical fixtures only one curve is represented. For multiple optics products, the photometry should be repeated for the number of units.

— technical data



The luminous intensities shown in the diagrams are the relative intensities, therefore, to be multiplied by the flux value of the fixture expressed in klm.

Polar curves are only the initial tool to identify the behaviour and the lighting performance in the preliminary stages of each project. After that, the elum-

dat file should be thoroughly analysed. The elumdat file can be downloaded for each fixture code at our website www.exenia.eu.

INFO

LED LIFE

Each of our products is studied and tested in peyorative conditions in order to obtain an optimal ratio between operating temperatures and light emission of the diodes, it is understood that each power decrease will make possible the extension of the corresponding 'Lifetime'.

LED KEY FEATURES

The EXENIA products in the catalogue use LED lights of the leading brand in the industry, such as CITIZEN™, PANASONIC™, CREE™ and BRIDGELUX™.

In addition, Exenia ensures that its LED COB are selected with SDCM features (standard deviation of colour matching) inside the third step Mac Adam ellipse. However, compared to the plate data reported by manufacturers you should consider the tolerances that are due to LED manufacturing process. Such tolerances involve small differences between the various sources and manufactures.

DIMENSION

All dimensions are in mm, unless otherwise specified.

FINISHES COLOURS

The colours of the illustrated articles are simply indicative of the real nuance.

© Our products enforce the European Community Rules 73/23 CEE - 93/68 CEE - 89/336 CEE and the CE mark is printed on the packaging.

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CONSORZIO ECOLIGHT

EXENIA belongs to the Consorzio Ecolight established in 2004 to comply with the provisions of European Directive 2002/96/CE-RAEE converted by Italian law into Legislative Decree No.151 dated 25/07/2005 for the management, recovery and treatment of electrical and electronic devices at the end of their usable life, in respect of all the regulations in force on the subject of environmental safeguards.

PHOTOBIOLOGICAL RISK

The LED used belongs to the "RG (risk free)" group according to the photobiological risk rating of EN 62471: 2008.

5 YEARS WARRANTY

Exenia warrants that its products are free from manufacturing and/or material defects, in case of use in conformity with the destination, for a period of five years from the date of the invoice as indicated in the general conditions of guarantee which can be consulted on website

www.exenia.eu.

EXENIA srl reserves the right to change, at any time and without prior warning, the technical specification of any product shown in this catalogue.

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Symbols_



Product in Class I
Earth connection



Product in Class II
Double insulation



Product in Class III
Very low safety voltage 12V



Defines the level
of irritating glare



Degree of Protection



Degree of Protection
Reflector



Degree of protection
Recessed housing



Glow wire



Energy classes



Square cutting hole



Round cutting hole



Depth downlight



Weight Kg



Product which can be installed on
normally flammable surfaces (90°C).



Repaintable parget white finishing



Permanent emergency version



Diffused lighting fitting



Fitting as direct light



Fitting as indirect light



Fitting as direct and indirect light



Independent driver, that it can be installed
separately outside the lighting fitting
without any additional enclosure



Drivers equipped with thermal protection.
The points in the triangle replace the
values (°C) of the maximum nominal
temperature of the casing



Drivers can be installed on flammable
surface. The part of the driver which
comes into contact with the flammable
surface does not exceed 95°C at normal
operation, and 115°C in the case of failure
of the driver. DIN VDE 0710-T14



Safety transformers resistant to short
circuits (integrated protection)



Driver with direct current output



Driver with constant voltage



Very low safety voltage conforming
to EN 61347-2-2



Power Factor Corrector: this is for
stabilizing the lamp parameters
(voltage and current) when
mains voltage varies



Component or equipment suitable for
cascade connection



European norms electrical certification



All products are manufactured in
compliance with the following norms and
subsequent variations; in compliance
with European Norms (2004/108/CE -
2006/95/CE) for CE marking
CE - 2000/55/CE - 2008/35/CE

Colours and finishes_



WHITE TEXTURIZZATO
RAL. 9003 MATT



DARK BRONZE TXT



CORTEN EFFECT



COPPER TXT



MUD BROWN



GOLD TXT



MATT SAND



CARBON GREY



CONCRETE GREY

CRC_

The CRC treatment is an accessory galvanic process
that implements resistance to corrosive attacks
in extreme environments.

It is recommended in the presence of direct saline
mists, chemical agents in solution or sprinkling,
aggressive vapors and in all conditions of high
wear and abrasion.

DIALux partner

exenia

