25/26
mizar

Index

Company profile

Mizar online tools 4
The brand 6
Proprietary internal electronics 7
Quality control 8
Aluminum processing and laser marking 9
R&D and prototyping 10
Certifications 11
Idroskud® technology 12
Materials and finishes 13
Corrosion categories for outdoor environments 14
Symbols legend 16

Products

Product section 20
Product index by installation 22

Contacts 234

Mizar online tools

IT

EN

The Mizar website is not just an online catalog, but a real professional tool designed to support architects, lighting designers, planners, and installers at every stage of their work. Every project is a vision to be realized: Mizar is at your side to illuminate it, step by step.

Browsing mizar.it means accessing a tool designed to simplify every stage of product research and selection. Thanks to advanced search, Thanks to advanced search functions, users can filter by key parameters such as type, application, light source, and degree of protection. This makes it easy to find the solution best suited to your design needs, saving time and optimizing results.

Once you have identified the type of device, you can proceed with customization using the configurator, a simple and intuitive tool that allows you to quickly define the product specifications and generate the correct code to access the relevant product sheet.

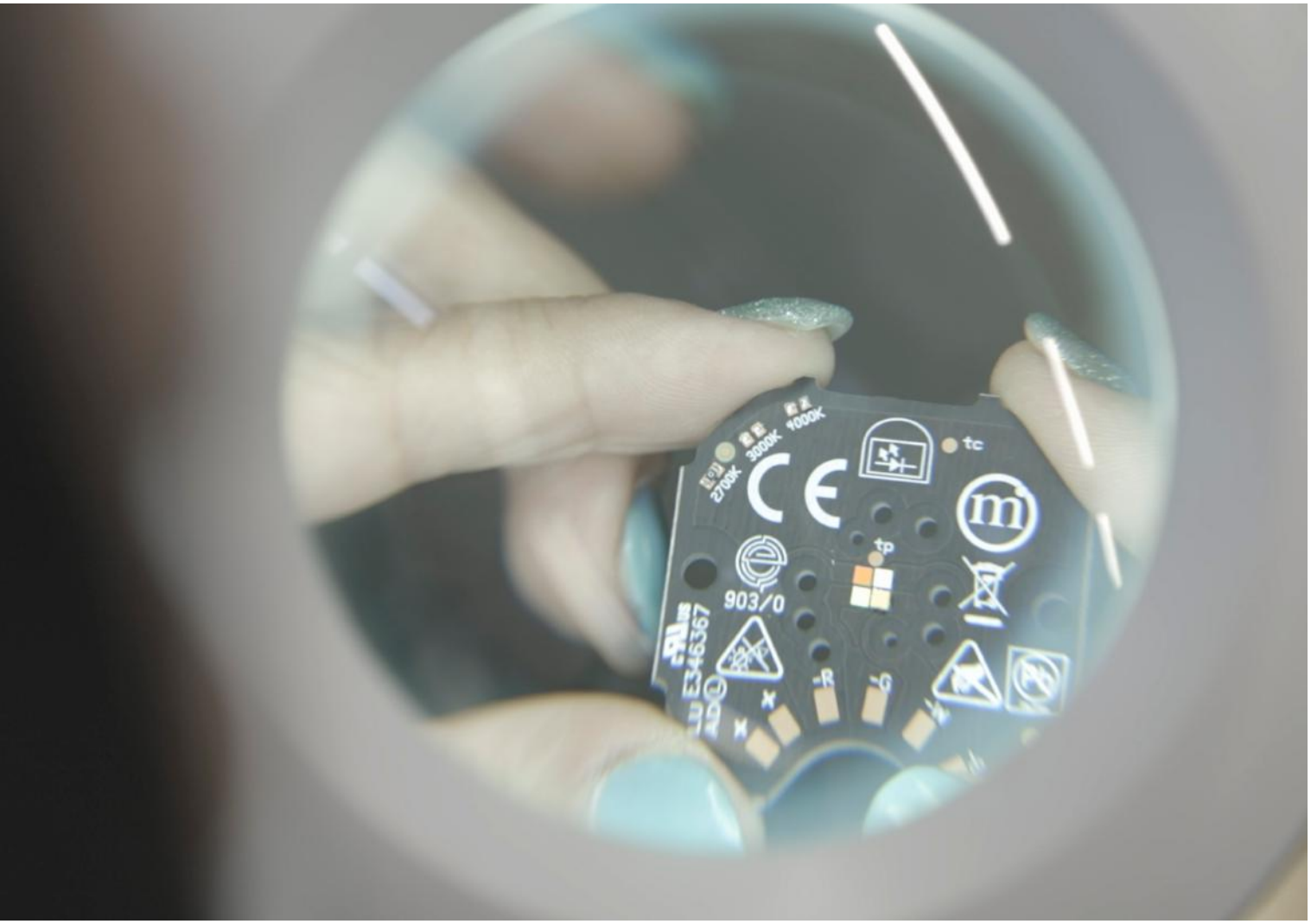
Within the sheet, you will find all the technical materials necessary for design available for download: images, technical drawings, 3D models, .IES files for lighting simulations, assembly instructions, certifications, and much more.

mizar
Products
Applications
Downloads
Company
English
FORMA

The brand

ReeR SpA, which has been operating in the field of security technology and lighting since 1959, acquired Mizar in 2020, an Italian brand that has been a leader in lighting design for the last few decades. Today, Mizar is embarking on a new path of developing Made in Italy products, focusing on the production of luminaires for those types of applications where the fixture quality is a fundamental requirement in the architectural project. Present in all industrialized countries, our company boasts a solid distribution and service network, guaranteeing our customers efficient and effective support.

Proprietary internal electronics



To correctly manage the single power LEDs and micro-drivers contained in most devices, specific original Mizar printed circuit boards have been designed and manufactured. Each PCB is configured to ensure control and efficiency of the electronic components in extreme environmental conditions such as temperature changes and water pressure. The in-house design and production of PCBs gives us great flexibility during product development and the freedom to test the latest technological innovations in advance, ensuring we are always at the forefront of the field of electronic components.

Quality control

All our products are subject to strict controls by our Quality Control staff. The products are The products are inspected to ensure that they meet the compliance requirements imposed by current regulations and fall within the parameters of excellence indicated by internal guidelines. In this way, every product that leaves the production plant will reach the customer at the peak of its technical and aesthetic capabilities.

Aluminum processing and laser marking

At the Mizar plant, we have state-of-the-art machinery and highly skilled labor to process aluminum bars and laser mark products. This gives us full control over production and the specifications of each piece, ensuring precision, quality, and customization at every stage of the process.

R&D and prototyping

Mizar products are designed and manufactured following a tailor-made process, where every detail is carefully studied to combine design and functionality. Thanks to our Design Office, we offer the possibility to create special projects, making modifications to existing models or developing and prototyping custom-made equipment, designed to perfectly complement the customer’s project.

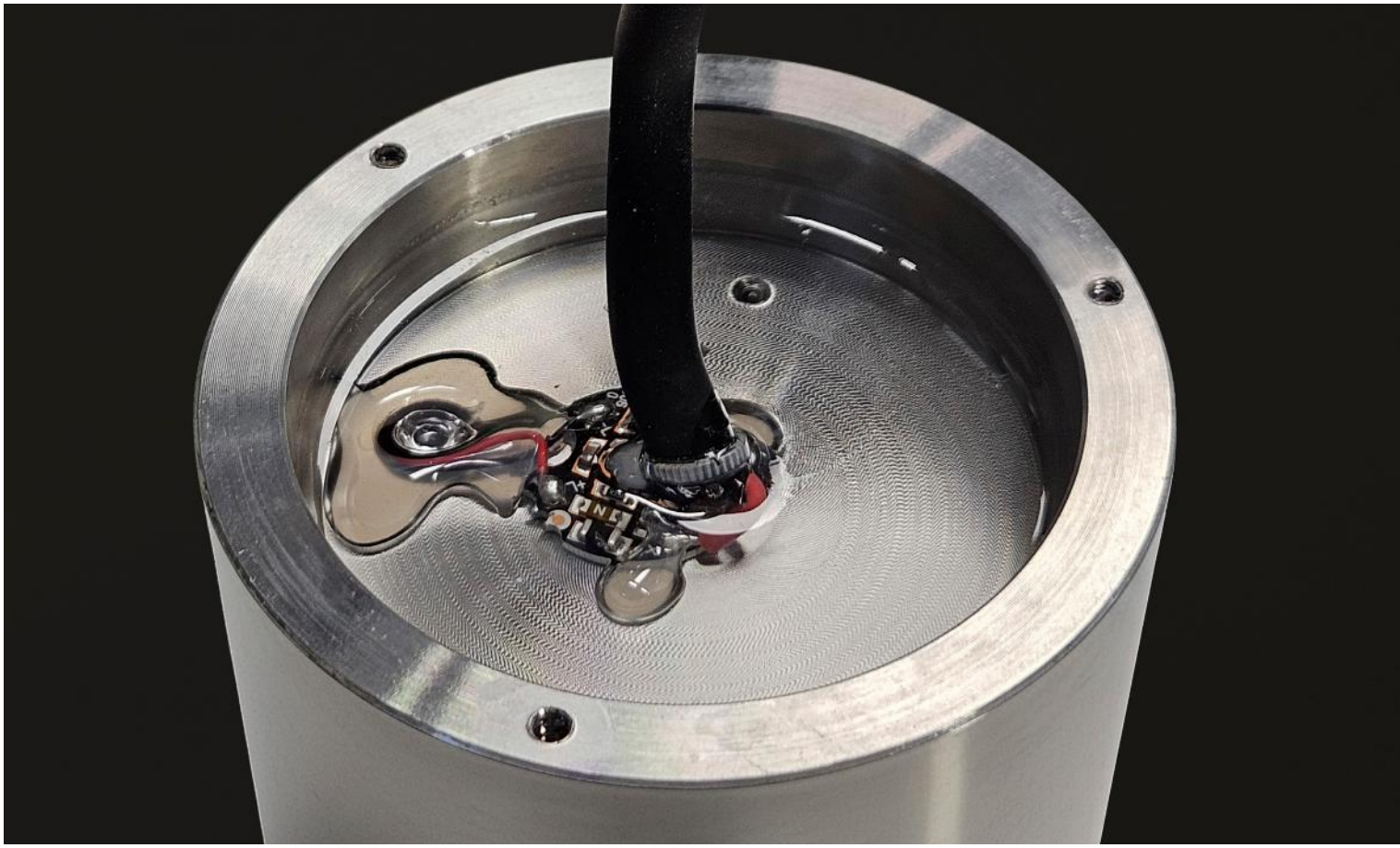
Certifications

ReeR is a company that stands out for its commitment to quality and sustainability. It has obtained EN ISO 9001 certification, which attests to the effectiveness of its quality management system. It is also EN ISO 45001:2018 certified, guaranteeing high standards of occupational safety, and EN ISO 14001:2015 certified, demonstrating its commitment to the environment. ReeR also follow the RoHS directive, which ensures compliance with the requirements for the restriction of hazardous substances in electronic devices. These certifications reflect the company's responsible and quality-oriented approach.

IdroSkud® technology

The IdroSkud® system is an exclusive Mizar project developed to eliminate the risks of incorrect wiring and protect the electronic components of the device from:
- Polarity reversal
- Voltage spikes
- Water infiltration

An additional guarantee of the functionality of the product even in extreme environmental conditions.



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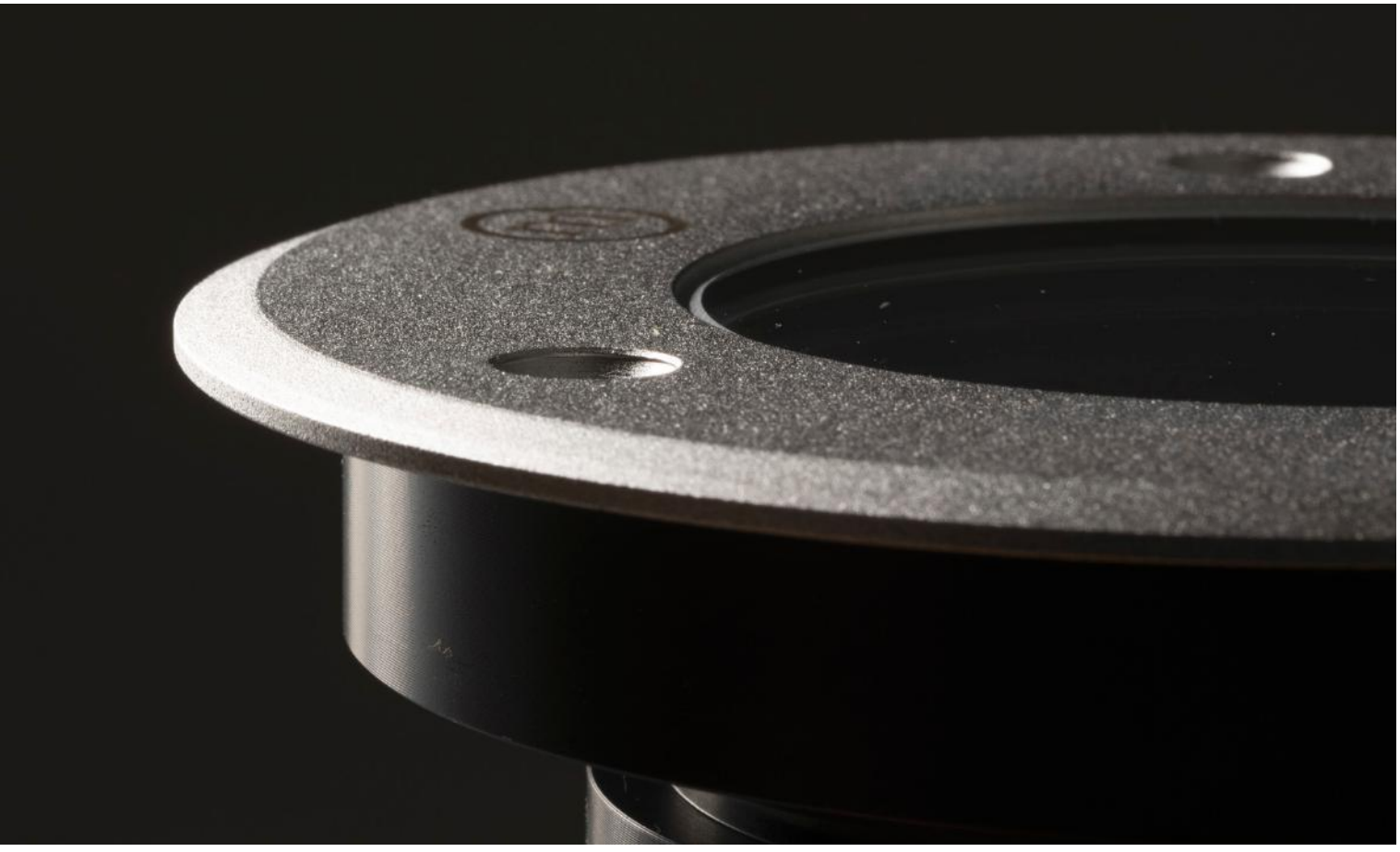
Materials and finishes

Mizar manufactures its products with the utmost care, paying particular attention to both the choice of materials and the manufacturing techniques used. Each component is selected to ensure high performance, durability, and reliability over time. Most of the devices are made starting from the modeling of the body using the technique of turning from solid, a process that allows for the creation of mechanically more resistant and structurally more stable elements. This production method, in addition to providing solidity, significantly improves the capacity for heat dissipation, contributing to the optimal maintenance of performance even after prolonged use. Thanks to these design and production choices, Mizar products stand out for their high efficiency, which remains constant over time, and for a build quality that reflects the company's commitment to excellence and innovation.



Corrosion categories for outdoor environments

ISO 9223:2012 has defined a system for classifying atmospheric corrosion of metals and alloys in various environmental conditions. This standard indicates corrosion classes based on observed corrosion rates, in standardized samples, exposed to these environments for one year. Additionally, it provides dose-response functions to estimate the corrosivity level, determined by the normalized annual metal loss due to atmospheric agents. This approach allows predicting the highest possible corrosion class, considering local environmental factors, including the interaction of temperature, humidity, sulfur dioxide pollution, and salinity. However, it's essential to note that the standard doesn't account for other significant elements such as wind speed, sand abrasion, accidental breakdown of protective layers, maintenance frequency, and exposure levels.

Corrosion category	**Corrosion level**	**Environments**
C1	Very low	Dry or cold zone, atmospheric environment with very low pollution and time of wetness, e.g. certain deserts, Central Arctic/Antarctica.
C2	Low	Temperate zone, atmospheric environment with low pollution (SO2: < 5 µg/m³), e.g. rural areas, small towns. Dry or cold zone, atmospheric environment with short time of wetness, e.g. deserts, subarctic areas.
C3	Medium	Temperate zone, atmospheric environment with medium pollution (SO2: 5 µg/m³ to 30 µg/m³) or some effect of chlorides, e.g. urban areas, coastal areas with low deposition of chlorides. Subtropical and tropical zone, atmosphere with low pollution.
C4	High	Temperate zone, atmospheric environment with high pollution (SO2: 30 µg/m³ to 90 µg/m³) or substantial effect of chlorides, e.g. polluted urban areas, industrial areas, coastal areas without spray of salt water or, exposure to strong effect of de-icing salts. Subtropical and tropical zone, atmosphere with medium pollution.
C5	Very high	Temperate and subtropical zone, atmospheric environment with very high pollution (SO2: 90 µg/m³ to 250 µg/m³) and/or significant effect of chlorides, e.g. industrial areas, coastal areas, sheltered positions on coastline.
CX	Extreme	Subtropical and tropical zone (very high humidity period), atmospheric environment with very high SO2 pollution (above 250 µg/m³) including accompanying and production factors and the strong effect of chlorides, e.g., extreme industrial areas, coastal and oshore locations, and occasional contact with salt spray. Category CX is to be considered for extreme situations where the corrosion rates exceed the upper limits in category C5. Indeed, CX refers to specific marine and marine/industrial environments, such as bridges.

* SO2: Sulphur dioxide (not sodium chloride)

Mizar use the standard defined by EN ISO 9227:2017, to test its products and processes. We implement a pre-treatment process to produce high-quality coating, ensuring excellent paint adhesion and optimal corrosion protection through the use of chemicals specifically dedicated to aluminum.

In a second step , the luminaire is tested in a sodium chloride atmospheric chamber. This test allows us to monitor the corrosion behavior of the complete product, checking in detail:
• The quality of the paint
• The sensibility of the design
• The behaviour of stainless-steel screws and the aluminium quality

Mizar also uses EN ISO 12944:2018 to validate its processes for an exposure time over 1500 hours at a constant temperature. All our painted products pass this testing standard. The results are subsequently classified to comply with EN ISO 9223:2012 (as mentioned in the previously indicated table).

C5

Urban or industrial areas
Every outdoor Mizar product is compliant.

CX

Bridges or marine environments
Only outdoor Mizar products, with exposed surface completely made of stainless steel / brass / glass / technopolymer , are compliant.

Symbols legend

IK	**Degrees of protection against mechanical impacts**
01	Protected against an impact energy of 0,15J
02	Protected against an impact energy of 0,2J
03	Protected against an impact energy of 0,35J
04	Protected against an impact energy of 0,5J
05	Protected against an impact energy of 0,7J
06	Protected against an impact energy of of 1J
07	Protected against an impact energy of 2J
08	Protected against an impact energy of 5J
09	Protected against an impact energy of 10J
10	Protected against an impact energy of 20J

Protection against the risk of electric shock		
	Class 0	Protection against electric shock relies on basic insulation only. No protective earth connection.
	Class I	Relies on basic insulation for live parts and an earth connection to exposed conductive parts. The earth connection provides protection if the basic insulation fails.
	Class II	Uses supplementary insulation (double insulation) and does not provide for an earth connection. The extra layer of insulation protects the user if the basic insulation fails.
	Class III	Operates at a Safety Extra-Low Voltage (SELV) (usually below 50V AC or 120V DC) and does not depend on an earth connection for safety. The low voltage level itself ensures safety, with power provided by batteries or a suitable transformer.

IP	**Solid particle protection**
IP0X	No protection against ingress of objects
IP1X	Protected against solid objects larger than 50 mm
IP2X	Protected against solid objects larger than 12 mm
IP3X	Protected against penetration by a probe with a diameter of 2,5 mm
IP4X	Protected against penetration by a probe with a diameter of 1 mm
IP5X	Protected against dust ingress (is not entirely prevented)
IP6X	Dustproof
	Liquid ingress protection
IPX0	No protection against ingress of water
IPX1	Protected against vertically falling water drops
IPX2	Protected against falling water drops with the container tilted at a maximum angle of 15°
IPX3	Protected against rain
IPX4	Protected against splashing water
IPX5	Protected against water jets (12,5 liters per minute, pressure 30 kPa at a distance of 3 m)
IPX6	Protected against waves (100 liters per minute, pressure 100 kPa at a distance of 3 m)
IPX7	Protected against temporary immersion (30 minutes up to 1 m)
IPX8	Protected against permanent immersion (typically 24 hours, at a depth greater than 1 m, typically over 3 m)

Marks		
CE		RoHS Compliant
European CE mark	Directive 2012/19/EU (WEEE - Waste Electrical and Electronic Equipment)	Directive 2011/65/UE (RoHS II)

mizar

Product section

Acus 64

Egeo 100

Elios 136

Flumen 118

Forma 194

Iris 148

Lineo 84

Lucis 180

Lucis Bollard 164

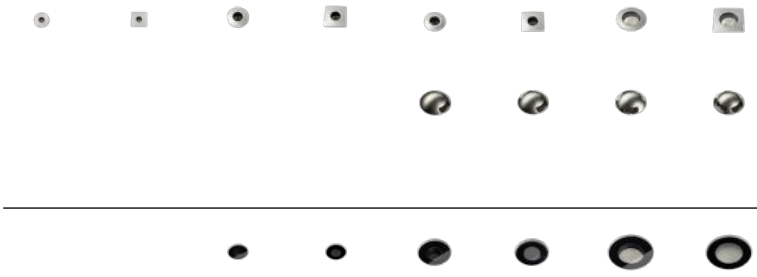
Oceano 26

Quantum 210

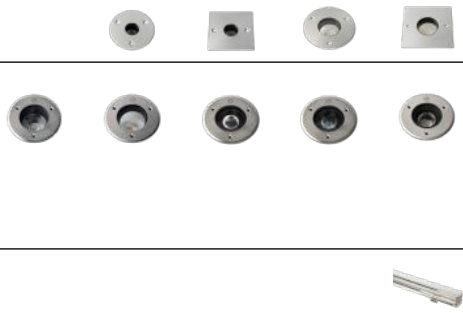
Vitrum 48

Product index by installation

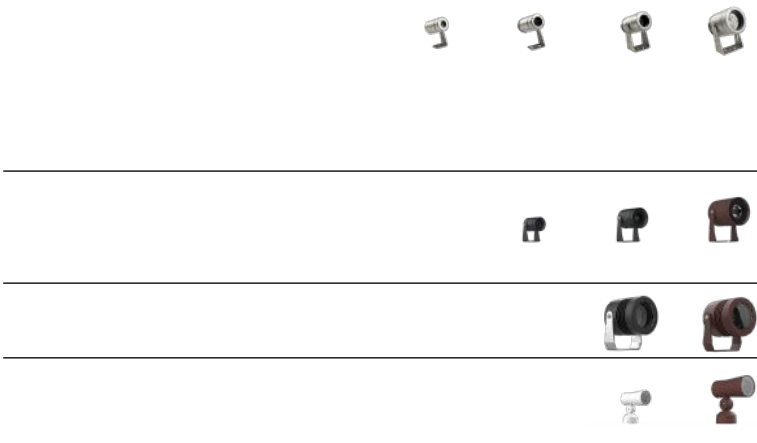
Walk-over ingrounds



Drive-over ingrounds



Floodlights



Spikes

Bollards

Oceano 1.0 / 1.1 34
Oceano 2.0 / 2.1 35
Oceano 3.0 / 3.1 36
Oceano 4.0 / 4.1 38
Oceano 4.0 / 4.1 RGBW 39
Oceano 9.1 / 9.2 / 9.3 / 9.4 41
Vitrum 1.0 / 1.1 56
Vitrum 2.0 / 2.1 57
Vitrum 3.0 / 3.1 58

Oceano 3.2 / 3.3 37
Oceano 4.2 / 4.3 39
Acus 1.0 72
Acus 1.1 73
Acus 1.2 74
Acus 1.3 RGBW 75
Acus 2.0 76
Lineo 1.0 90
Lineo 1.1 91
Lineo 1.2 92
Lineo 2.0 93
Lineo 2.1 94
Lineo 2.2 95

Egeo 1.0 108
Egeo 2.0 109
Egeo 3.0 110
Egeo 4.0 111
Egeo 4.1 RGBW 112
Flumen 1.0 126
Flumen 2.0 127
Flumen 3.0 128
Elios 1.0 142
Elios 1.1 RGBW 143
Quantum Flood 1.0 218
Quantum Flood 2.0 219

Iris 1.0 156
Iris 2.0 157

Lucis Bollard 1.0 170
Lucis Bollard 1.1 171
Lucis Bollard 1.2 172
Lucis Bollard 1.3 173

Product index by installation

Step lights

Wall appliques

Ceiling luminaires

Lucis 1.0	186
Lucis 1.1	187
Lucis 2.0	188
Lucis 2.1	189
Forma 1.0	202
Forma 1.1	203
Forma 2.0	204
Forma 2.1	205
Quantum 1.1	220
Quantum 1.2	221
Quantum 2.1	222
Quantum 2.2	223
Quantum Tige 1.0 / 1.1	224
Quantum Tige 2.0 / 2.1	225
Quantum Ceiling 1.0	226
Quantum Ceiling 2.0	227

Oceano

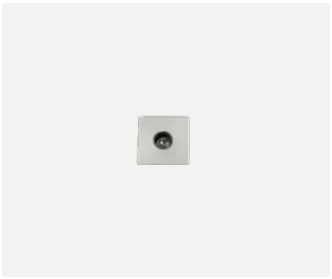
[oʻtʃɛ:a:no]

OCEANO is the versatile solution designed to integrate elegantly into any architectural context. Available in different shapes and sizes, it offers versatile solutions thanks to its floor, wall, or ceiling installation options. Resistant materials and refined finishes guarantee extreme durability and unmistakable style, while customizable optics and color temperatures allow maximum design freedom. Top of the range for sophisticated, reliable lighting that is always aligned with the needs of the project.

mizar

Oceano

Oceano 1.0



Oceano 1.1

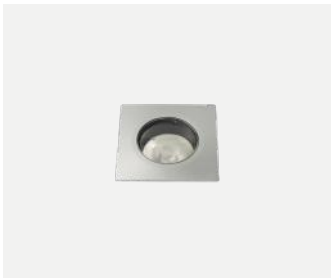
Oceano 2.0

Oceano 2.1

Oceano 3.0

Oceano 3.1

Oceano 4.0



Oceano 4.1

Oceano 3.2

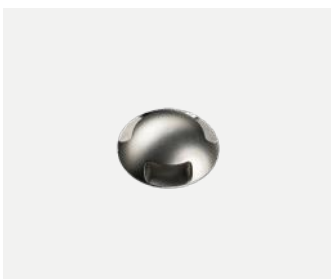
Oceano 3.3

Oceano 4.2

Oceano 4.3

Oceano 9.1

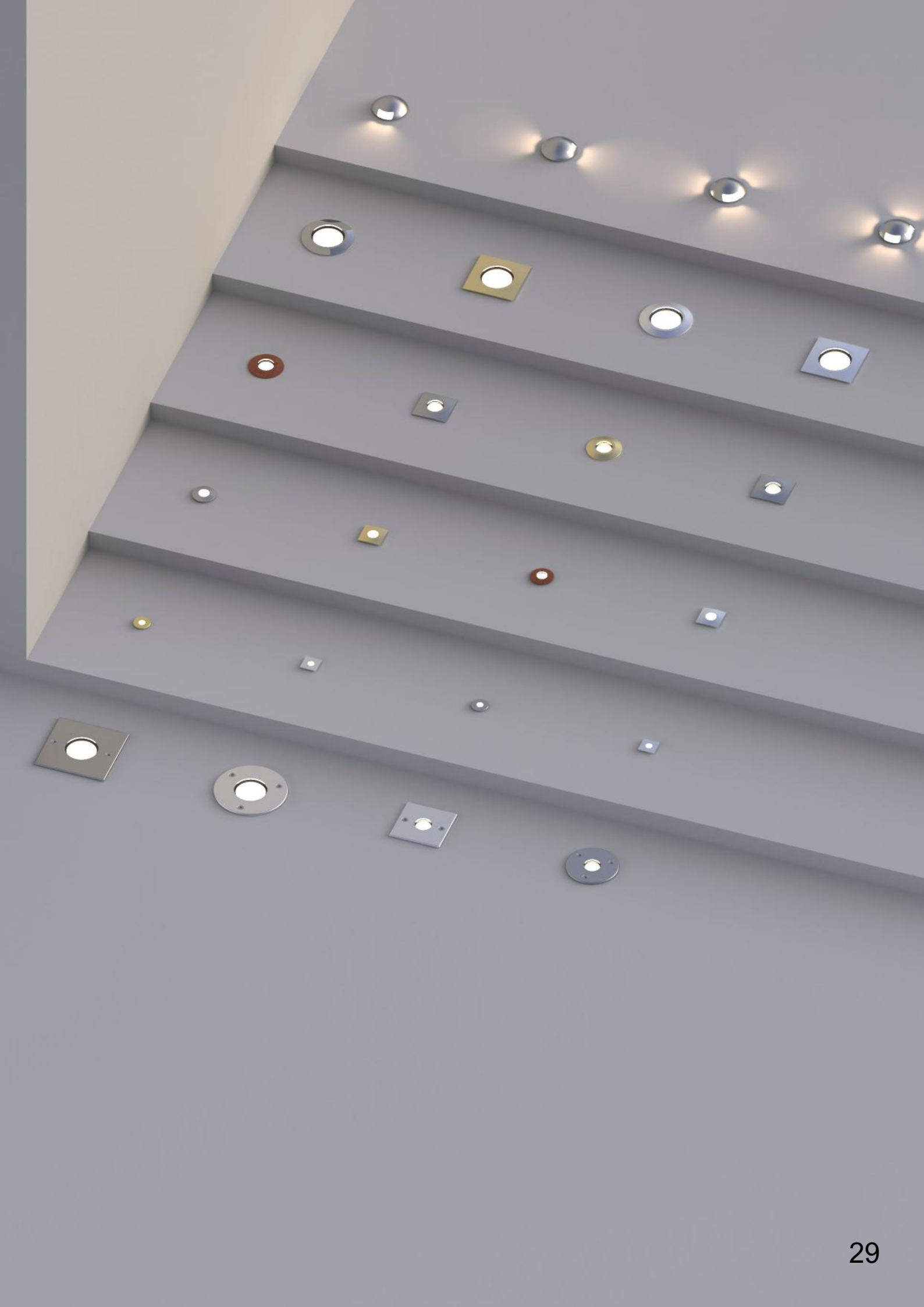
Oceano 9.2



Oceano 9.3

Oceano 9.4

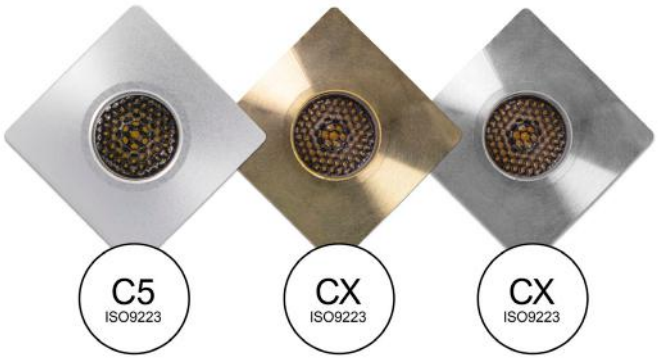
mizar



Oceano / Product features

Construction quality as the first goal

At Mizar we think that one of the first features of a “Made in Italy” product is excellent build quality. OCEANOs are turned from solid, 20µm neutral anodized 6082 anticorodal aluminum or 316L stainless steel. The bezels are manufactured in the same materials. Versions with marine brass bazels are available. The diffuser is made of extra-clear tempered glass. TIR optics are made of technopolymer.

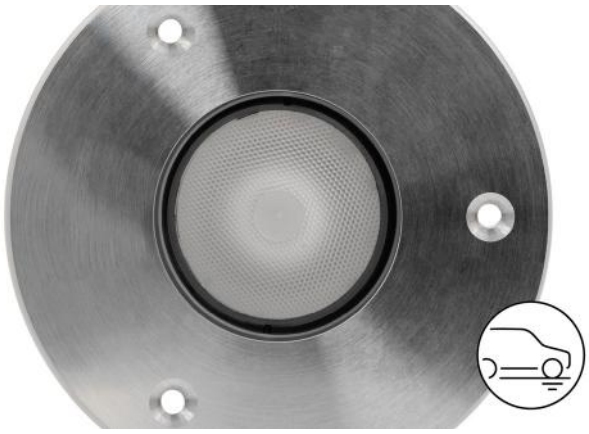


Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All OCEANOs made of anodized aluminum are rated C5 (“Very High”). All OCEANOs made of stainless steel or brass are rated CX (“Extreme”).

Wood effect

Made from an innovative polymer resin, OCEANO perfectly mimics the color and grain of wood, making it an ideal choice for installations on wood surfaces. Whether enhancing outdoor landscapes, or even the teak-clad decks of luxury yachts, OCEANO is designed to disappear into its surroundings while offering extraordinary corrosion resistance.

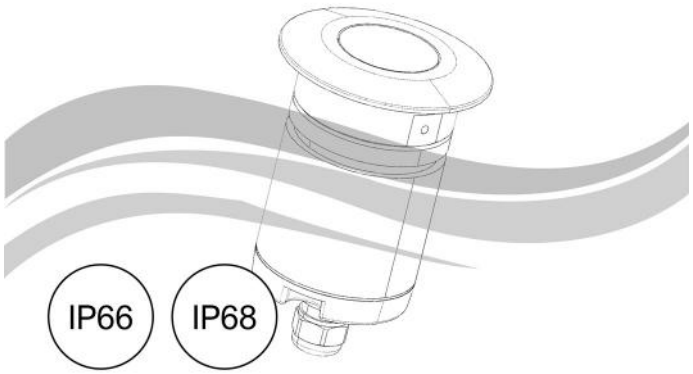


Designed to be drive-over

Models OCEANO 3.2, 3.3, 4.2 and 4.3 are designed to be certified in driveway areas. Tested to withstand up to 20kN static load (2000kg), 5kN in acceleration and torsion (500 kg).

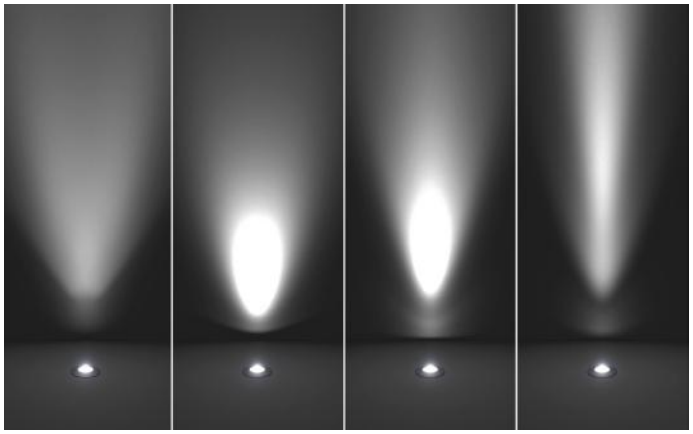
IdroSkud®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Highest degrees of protection

OCEANOs are fully protected against entry of any kind of dust (IP 6X) and protected against permanent immersion to a depth of 3 meters (IP X8). Oceano 3 and Oceano 4 sizes are protected to a depth up to 10 meters. The products are also tested against high-pressure water jets (IP X6). 100 liters per minute, with a pressure of 100 kPa at a distance of 3 m.



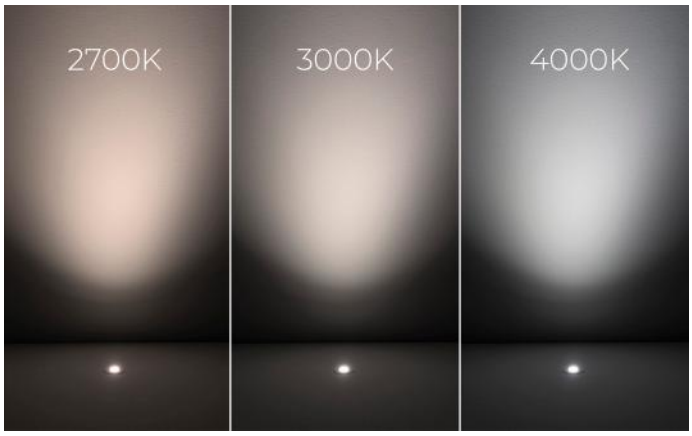
Wide range of optics

All OCEANOs can be equipped with narrow, medium, wide or elliptical optics. Maximum design flexibility at the lighting level.

Grazing lighting effects

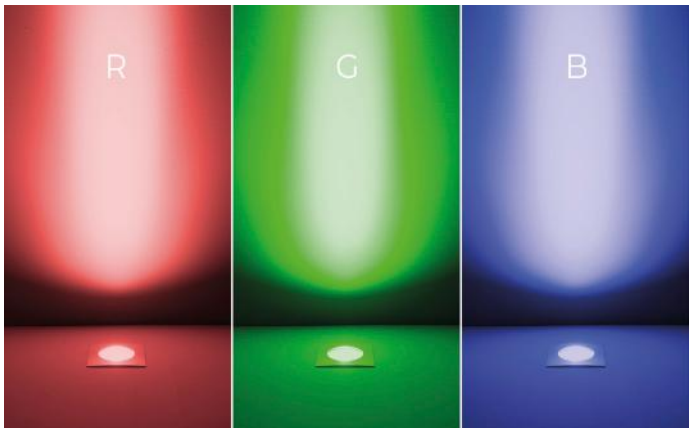
Oceano 9s are models equipped with optical silicone lens with grazing distribution, to illuminate paths and walkways or to create scenic effects on walls.

Oceano / Product features



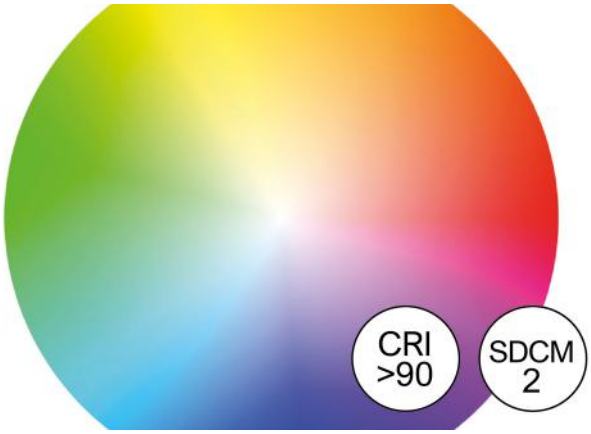
Wide choice of color temperatures

The OCEANO series is offered with a wide choice of color temperatures: 2700K, 3000K and 4000K. In addition – upon request – versions with extremely warm color temperature (2200 K) are available.



RGBW dynamic scenarios

The OCEANO series, in addition to different color temperatures, in the OCEANO 4.0 and 4.1 models is available in versions equipped with RGBW sources, controlled in PWM.

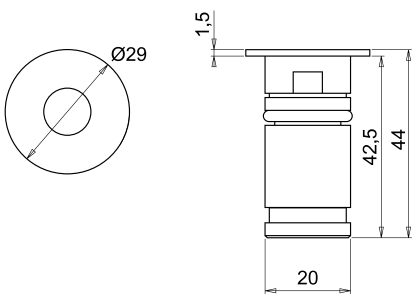


Faithful reproduction of colors

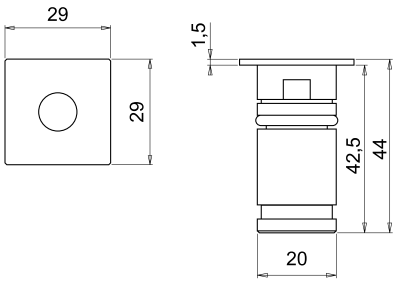
OCEANO series products are equipped with a range of the highest quality LED light sources. Color rendering index (CRI) > 90. They also offer very high color consistency, with a Step MacAdam value of 2.

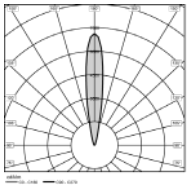
Technical data

Oceano 1.0

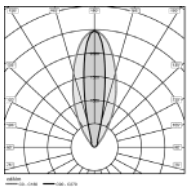


Oceano 1.1

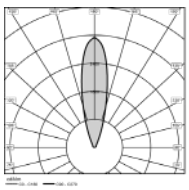




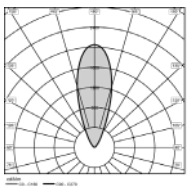
15°



20°x43°



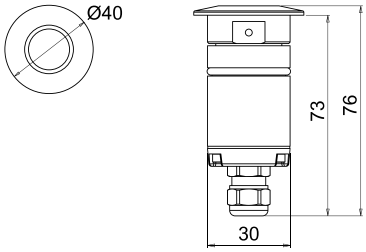
25°



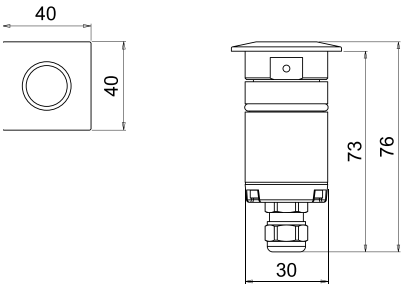
40°

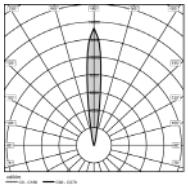
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 71 lm
Beam angle	15°
	25°
	40°
	20°x43°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
	Brass
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	4mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	1W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 2.0

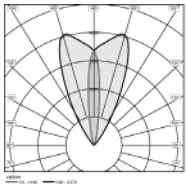


Oceano 2.1

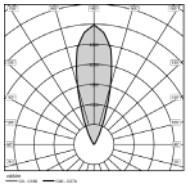




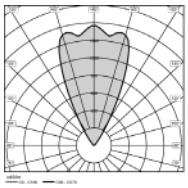
10°



10°x53°



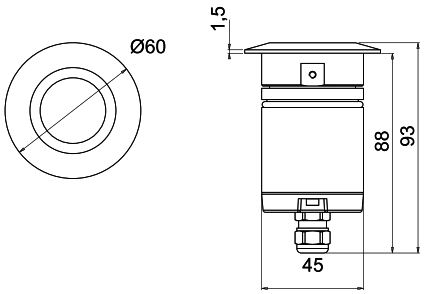
36°



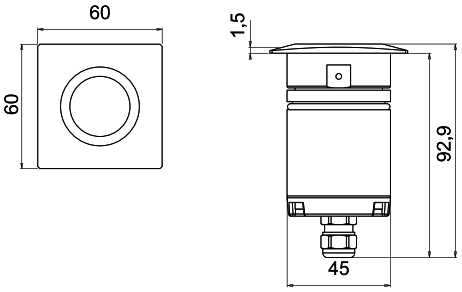
60°

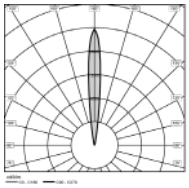
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10°
	36°
	60°
	10°x53°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK07
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
	Brass
	Technopolymer (wood effect)
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 3.0



Oceano 3.1





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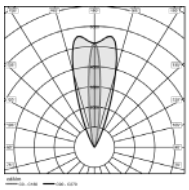
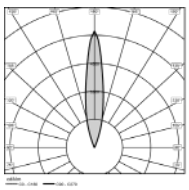


10°x45°



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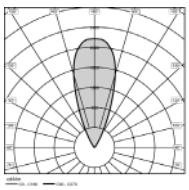
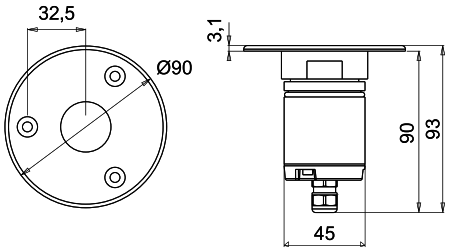


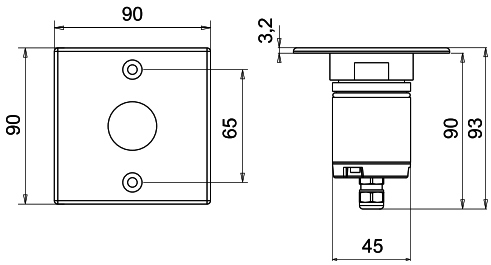
40°

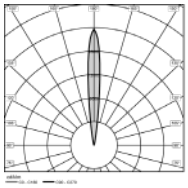
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 152 lm
Beam angle	10°
	25°
	40°
	10°x45°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK10
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
	Brass
	Technopolymer (wood effect)
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 3.2



Oceano 3.3





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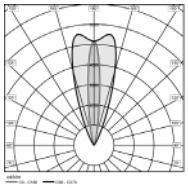
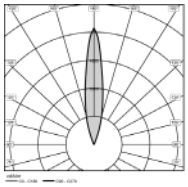
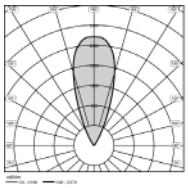


10°x45°



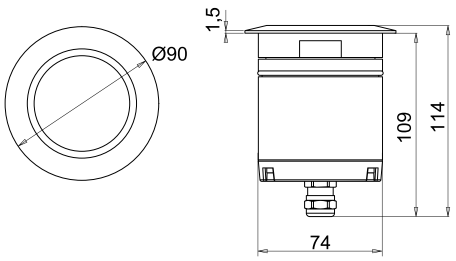
25°



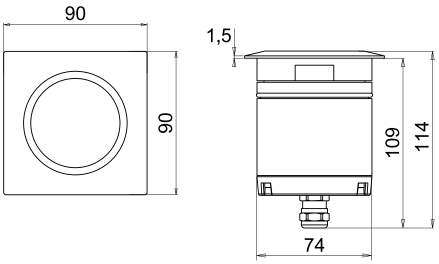
40°

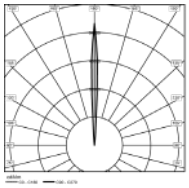
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 152 lm
Beam angle	10°
	25°
	40°
	10°x45°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK10
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 4.0



Oceano 4.1





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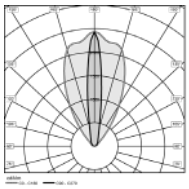
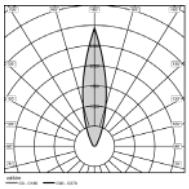
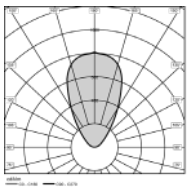


15°x60°



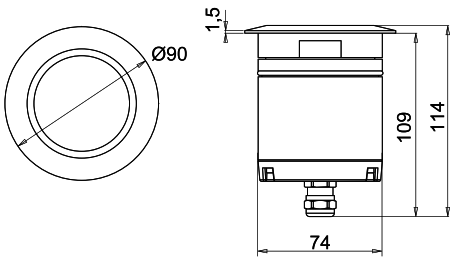
20°



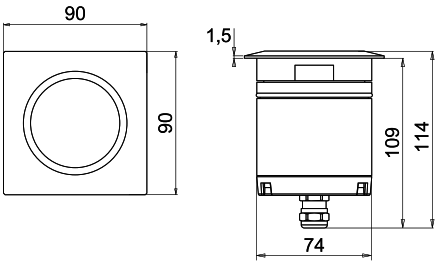
60°

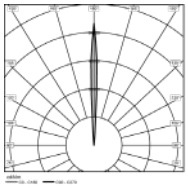
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
	15°x60°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
	Brass
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	7W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 4.0 RGBW

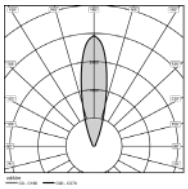


Oceano 4.1 RGBW

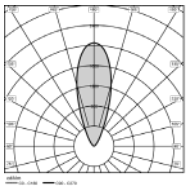




5°



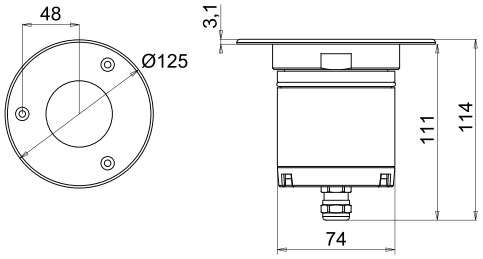
26°



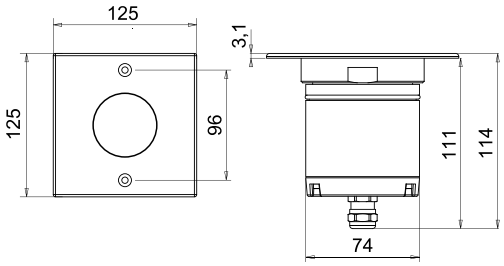
40°

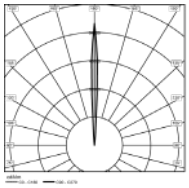
Source type	multi-chip LED
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 336 lm
Beam angle	5°
	26°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	8W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Cable type	FR5FOEM7-AD8 6x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Oceano 4.2

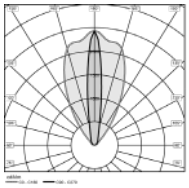


Oceano 4.3

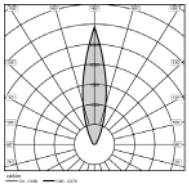




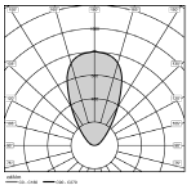
5°



15°x60°



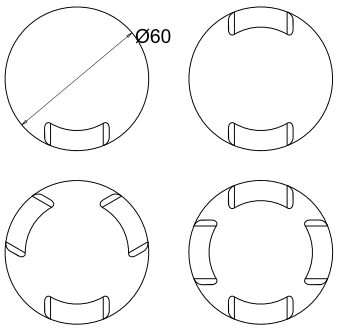
20°

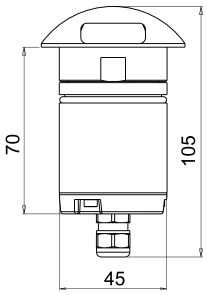


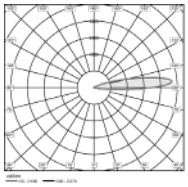
60°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
	15°x60°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	7W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

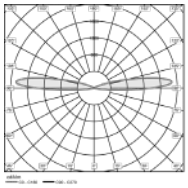
Oceano 9.1 / 9.2 / 9.3 / 9.4



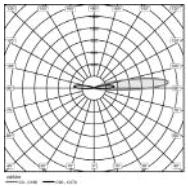




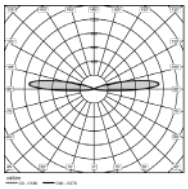
Single grazing



Double grazing



Triple grazing



Quadruple grazing

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 104 lm
Beam angle	Single grazing
	Double grazing
	Triple grazing
	Quadruple grazing
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Stainless steel 316L
Diffuser material	Silicone ottico
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Special anodizations

The OCEANO series offers unparalleled customization.
Available – upon request – in 24 stunning new finishes, including bronze, chrome, and rose gold. All of these colors are achieved through an anodizing treatment and subsequent hand-brushing.

Accessories

Type	Model	Code	Description
Recessed box	OCEANO 1.0 / 1.1	CEAZZZ000	Draining recessed box
Recessed box	OCEANO 1.0 / 1.1	CEAZZZ001	Slim draining recessed box
Recessed box	OCEANO 1.0 / 1.1	CEAZZZ002	Waterproof slim recessed box
Mounting kit	OCEANO 1.0 / 1.1	CEAZZZ014	Spring for ceiling mounting
Recessed box	OCEANO 2.0 / 2.1	CEAZZZ003	Draining recessed box
Recessed box	OCEANO 2.0 / 2.1	CEAZZZ004	Slim draining recessed box
Recessed box	OCEANO 2.0 / 2.1	CEAZZZ005	Waterproof slim recessed box
Mounting kit	OCEANO 2.0 / 2.1	CEAZZZ015	Spring for ceiling mounting
Recessed box	OCEANO 3.0 / 3.1	CEAZZZ006	Draining recessed box
Recessed box	OCEANO 3.0 / 3.1	CEAZZZ007	Slim draining recessed box
Recessed box	OCEANO 3.0 / 3.1	CEAZZZ008	Waterproof slim recessed box
Mounting kit	OCEANO 3.0 / 3.1	CEAZZZ018	Spring for ceiling mounting
Recessed box	OCEANO 3.2 / 3.3	CEAZZZ009	Drive-over recessed box
Recessed box	OCEANO 4.0 / 4.1	CEAZZZ010	Draining recessed box
Recessed box	OCEANO 4.0 / 4.1	CEAZZZ011	Slim draining recessed box
Recessed box	OCEANO 4.0 / 4.1	CEAZZZ012	Waterproof slim recessed box
Recessed box	OCEANO 4.2 / 4.3	CEAZZZ013	Drive-over recessed box

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	Every model	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	Every model	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	Every model	MID0021	Power supply DC 24V 24W 1A IP67 DALI
Control unit	OCEANO 4.0 / 4.1 RGBW	MID0023	Control unit WT5 5 channels RGBW PWM/WiFi
Remote	OCEANO 4.0 / 4.1 RGBW	MID1000	Remote RT5 RGB+CCT 1 zone RF 2.4GHZ
Touch panel	OCEANO 4.0 / 4.1 RGBW	MID1001	Touch panel da parete TW5-4 RGB+CCT 4 zones

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
CEA00	OCEANO 1.0	**C**	2700K	**C**	CRI > 90	**S**	15°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	20°x43°			**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	25°			**03**	Steel / Brass	**H**	5 m		
						L	40°					**M**	10 m		
												P	15 m		
CEA01	OCEANO 1.1	**C**	2700K	**C**	CRI > 90	**S**	15°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**M**	25°			**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**L**	40°			**03**	Steel / Brass	**H**	5 m		
												M	10 m		
												P	15 m		
CEA02	OCEANO 2.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	10°x53°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	36°			**03**	Steel / Brass	**H**	5 m		
						L	60°			**05**	Technopolymer / Aluminium	**M**	10 m		
												P	15 m		
CEA03	OCEANO 2.1	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**M**	36°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**L**	60°			**03**	Steel / Brass	**H**	5 m		
												M	10 m		
												P	15 m		
CEA04	OCEANO 3.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
CEA05	OCEANO 3.1	**D**	3000K			**E**	10°x45°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	25°	**2**	Louvre	**03**	Steel / Brass	**H**	5 m		
						L	40°			**05**	Technopolymer / Aluminium	**M**	10 m		
												P	15 m		
CEA06	OCEANO 3.2	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
CEA07	OCEANO 3.3	**D**	3000K			**E**	10°x45°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	25°	**2**	Louvre			**H**	5 m		
						L	40°					**M**	10 m		
												P	15 m		
CEA08	OCEANO 4.0	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
CEA09	OCEANO 4.1	**D**	3000K			**E**	15°x60°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	20°	**2**	Louvre	**03**	Steel / Brass	**H**	5 m		
						L	60°					**M**	10 m		
												P	15 m		
CEA08	OCEANO 4.0 RGBW	**P**	RGBW	**C**	CRI > 80	**S**	5°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
CEA09	OCEANO 4.1 RGBW					**M**	26°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
						L	40°	**2**	Louvre			**H**	5 m		
												M	10 m		
												P	15 m		
CEA10	OCEANO 4.2	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**00**	Aluminium / Aluminium	**A**	0,4 m	**00**	Standard
CEA11	OCEANO 4.3	**D**	3000K			**E**	15°x60°	**1**	Honeycomb	**01**	Steel / Steel	**C**	1,5 m		
		F	4000K			**M**	20°	**2**	Louvre			**H**	5 m		
						L	60°					**M**	10 m		
												P	15 m		
CEA16	OCEANO 9.1	**C**	2700K	**C**	CRI > 90	**R**	Grazing	**0**	None	**01**	Steel / Steel	**A**	0,4 m	**00**	Standard
CEA17	OCEANO 9.2	**D**	3000K									**C**	1,5 m		
CEA18	OCEANO 9.3	**F**	4000K									**H**	5 m		
CEA19	OCEANO 9.4											**M**	10 m		
												P	15 m		
Configuration example															
CEA00		**C**		**C**		**S**		**0**		**00**		**A**		**00**	

CEA00CCS000A00 - OCEANO 1.0 1W AL-AL 15° 2700K 24V 0,4M

Vitrum

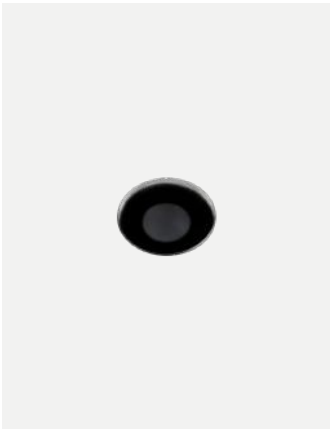
['vi:trum]

VITRUM is simplicity with style: a sophisticated, elegant, and durable flush-mounted fixture, designed to blend into the environment and leave space for light to be the sole protagonist. Thanks to its minimalist design, the quality of its construction materials, and the various optical solutions available, it is the ideal choice for projects that require discretion and refinement, enhancing every context with harmony.

mizar

Vitrum

Vitrum 1.0



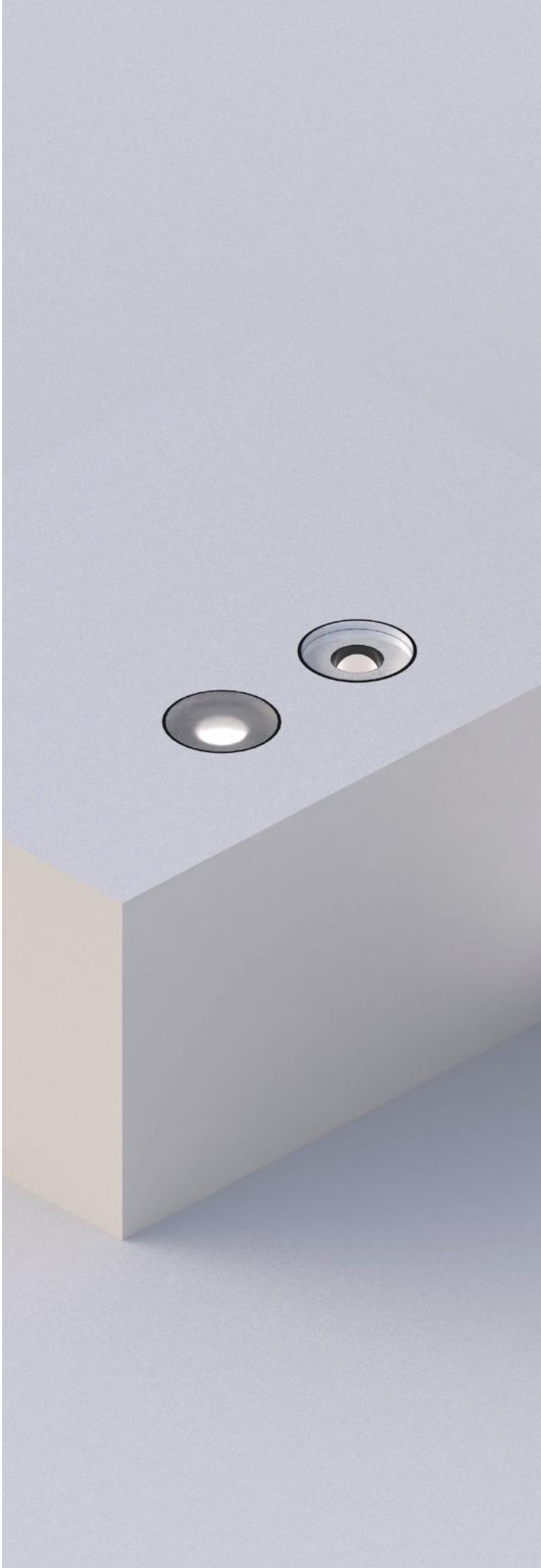
Vitrum 1.1

Vitrum 2.0

Vitrum 2.1

Vitrum 3.0

Vitrum 3.1



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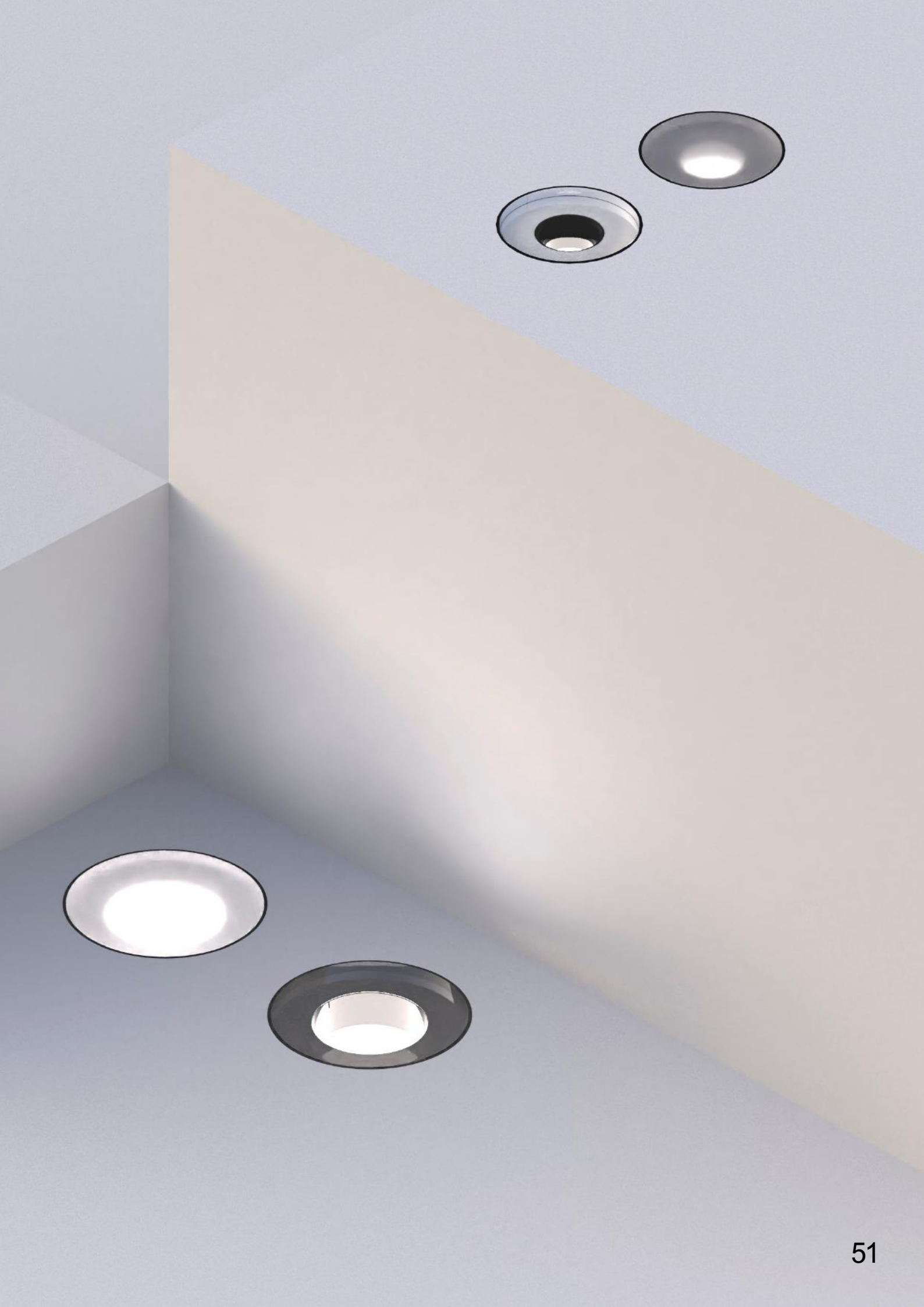


Vitrum / Product features

Construction quality as the first goal

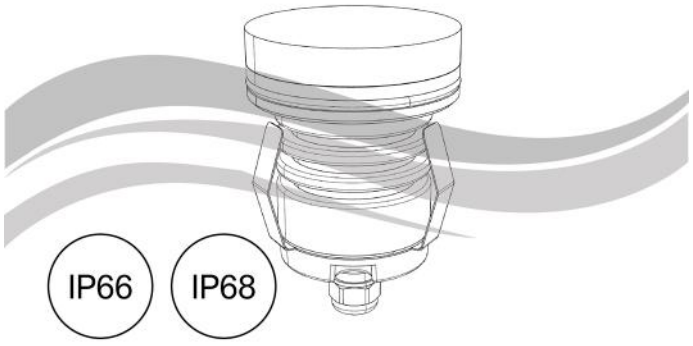
At Mizar we think that one of the first features of a “Made in Italy” product is an excellent build quality. VITRUMs are turned from solid, made of 20µm black anodized 6082 anticorodal aluminum and equipped with 8-10mm thick extra-clear tempered glass.

Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All VITRUMs are rated CX (“Extreme”).

A surprising robustness

The VITRUM range features a tempered glass diffuser 8 to 10 mm thick (depending on size). This peculiarity, not only characterizes it aesthetically, but also makes it certified as walk-over, up to 500kg of static load.



Highest degrees of protection

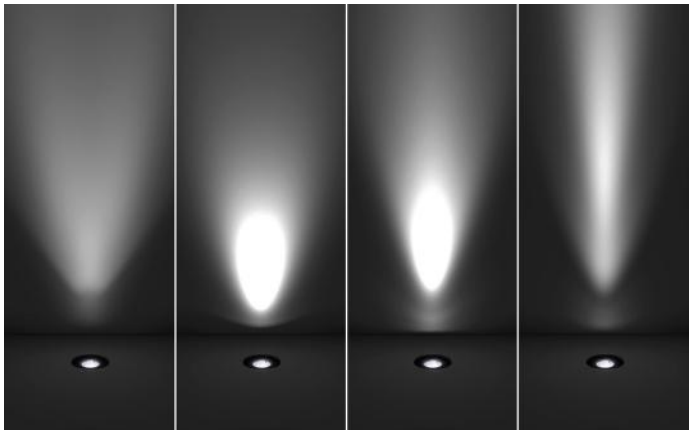
VITRUMs are fully protected against entry of any kind of dust (IP 6X) and protected against permanent immersion to a depth of 3 meters (IP X8). The products are also tested against high-pressure water jets (IP X6). 100 liters per minute, with a pressure of 100 kPa, at a distance of 3 m.

IdroSkud®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.

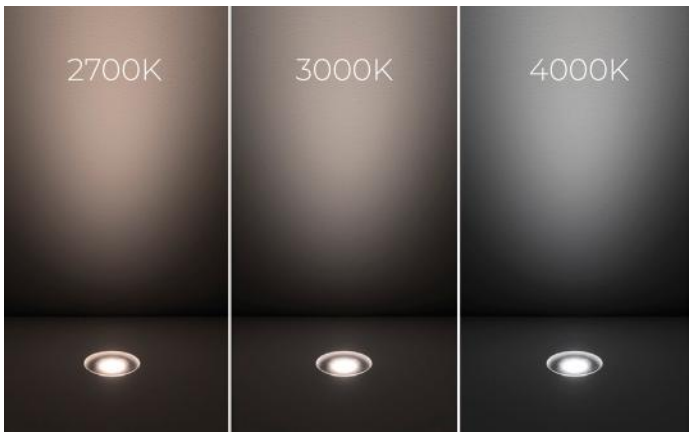
Versions with “direct-view” opal diffuser

VITRUM has the option of being equipped with an opal glass to create diffused light and have maximum visual comfort. The VITRUM 1.1, VITRUM 2.1 and VITRUM 3.1 models have this feature.



Wide range of optics

All VITRUMs can be equipped with narrow, medium, wide or elliptical optics. Offering maximum design flexibility at the lighting level.

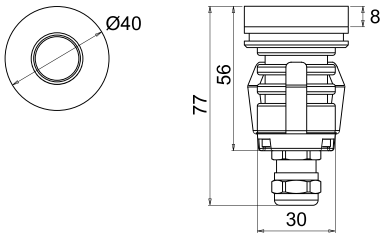


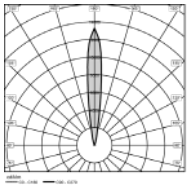
Wide choice of color temperatures

The series is offered with a wide choice of color temperatures: 2700K, 3000K and 4000K. In addition – upon request – versions with extremely warm color temperature (2200K) are available.

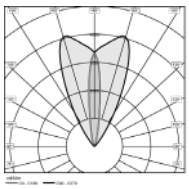
Technical data

Vitrum 1.0 / 1.1

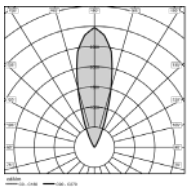




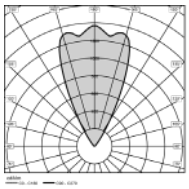
10°



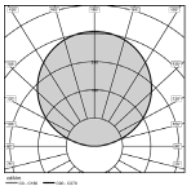
10°x53°



36°



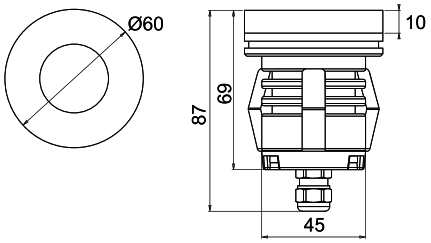
60°

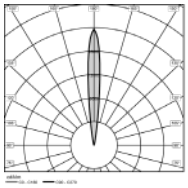


Diffused

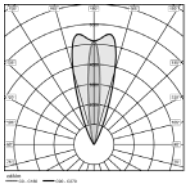
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10°
	36°
	60°
	10°x53°
	Diffused
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK10
Finishing colour	Black screen-printing
	White screen-printing
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Vitrum 2.0 / 2.1

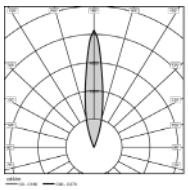




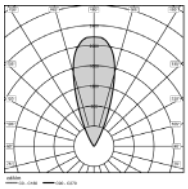
10°



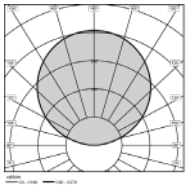
10°x45°



25°



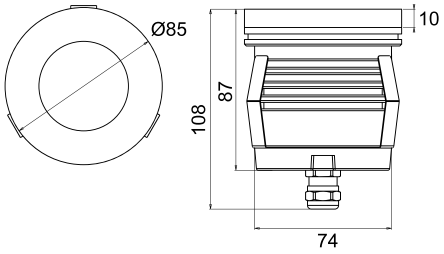
40°

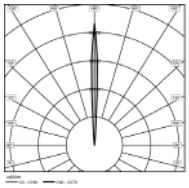


Diffused

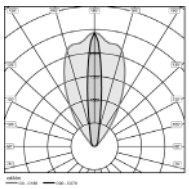
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 152 lm
Beam angle	10°
	25°
	40°
	10°x45°
	Diffused
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK10
Finishing colour	Black screen-printing
	White screen-printing
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Vitrum 3.0 / 3.1

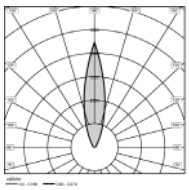




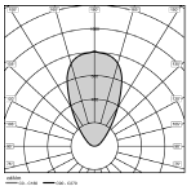
5°



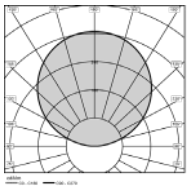
15x60°



20°



60°



Diffused

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
	15°x60°
	Diffused
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK10
Finishing colour	Black screen-printing
	White screen-printing
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	5kN (500kg)
Walk-over	Yes
Drive-over	No
Power	7W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Recessed box	VITRUM 1.0 / 1.1	VITZZZ000	Draining recessed box
Recessed box	VITRUM 1.0 / 1.1	VITZZZ003	Slim draining recessed box
Mounting kit	VITRUM 1.0 / 1.1	VITZZZ006	Plasterboard ring
Mounting kit	VITRUM 1.0 / 1.1	VITZZZ009	Suction cup
Recessed box	VITRUM 2.0 / 2.1	VITZZZ001	Draining recessed box
Recessed box	VITRUM 2.0 / 2.1	VITZZZ004	Slim draining recessed box
Mounting kit	VITRUM 2.0 / 2.1	VITZZZ007	Plasterboard ring
Mounting kit	VITRUM 2.0 / 2.1	VITZZZ010	Suction cup
Recessed box	VITRUM 3.0 / 3.1	VITZZZ002	Draining recessed box
Recessed box	VITRUM 3.0 / 3.1	VITZZZ005	Slim draining recessed box
Mounting kit	VITRUM 3.0 / 3.1	VITZZZ008	Plasterboard ring
Mounting kit	VITRUM 3.0 / 3.1	VITZZZ011	Suction cup

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	VITRUM 1.0 / 1.1 / 2.0 / 2.1 / 3.0 / 3.1	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	VITRUM 1.0 / 1.1 / 2.0 / 2.1 / 3.0 / 3.1	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	VITRUM 1.0 / 1.1 / 2.0 / 2.1 / 3.0 / 3.1	MID0021	Power supply DC 24V 24W 1A IP67 DALI

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
VIT01	VITRUM 1.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Transparent black	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	10°x53°	**1**	Honeycomb	**02**	Transparent white	**C**	1,5 m		
		F	4000K			**M**	36°					**H**	5 m		
						L	60°					**M**	10 m		
												P	15 m		
VIT01	VITRUM 1.1	**C**	2700K	**C**	CRI > 90	**D**	Diffused	**0**	None	**01**	Opal black	**A**	0,4 m	**00**	Standard
		D	3000K							**03**	Opal white	**C**	1,5 m		
		F	4000K									**H**	5 m		
												M	10 m		
												P	15 m		
VIT02	VITRUM 2.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Transparent black	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	10°x45°	**1**	Honeycomb	**02**	Transparent white	**C**	1,5 m		
		F	4000K			**M**	25°					**H**	5 m		
						L	40°					**M**	10 m		
												P	15 m		
VIT02	VITRUM 2.1	**C**	2700K	**C**	CRI > 90	**D**	Diffused	**0**	None	**01**	Opal black	**A**	0,4 m	**00**	Standard
		D	3000K							**03**	Opal white	**C**	1,5 m		
		F	4000K									**H**	5 m		
												M	10 m		
												P	15 m		
VIT03	VITRUM 3.0	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**00**	Transparent black	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	15°x60°	**1**	Honeycomb	**02**	Transparent white	**C**	1,5 m		
		F	4000K			**M**	20°					**H**	5 m		
						L	60°					**M**	10 m		
												P	15 m		
VIT03	VITRUM 3.1	**C**	2700K	**C**	CRI > 90	**D**	Diffused	**0**	None	**01**	Opal black	**A**	0,4 m	**00**	Standard
		D	3000K							**03**	Opal white	**C**	1,5 m		
		F	4000K									**H**	5 m		
												M	10 m		
												P	15 m		

Configuration example

VIT01		**C**		**C**		**S**		**0**		**00**		**A**		**00**	

VIT01CCS000A00 - VITRUM 1.0 2W Black 10° 2700K 24V 0,4m

Acus

['a:kus]

ACUS, the family of robust, in-ground recessed luminaires with a minimalist design, ideal for driveways and pedestrian areas. Thanks to the elegant inishes in micro-blasted stainless steel and tempered glass, it guarantees maximum durability and resistance to stress. Available with narrow, medium, wide, symmetrical and tiltable optics, it offers great design flexibility. It also offers a surprising dynamic RGBW version, perfect for enhancing urban spaces with colorful and surprising atmospheres.

mizar

Acus

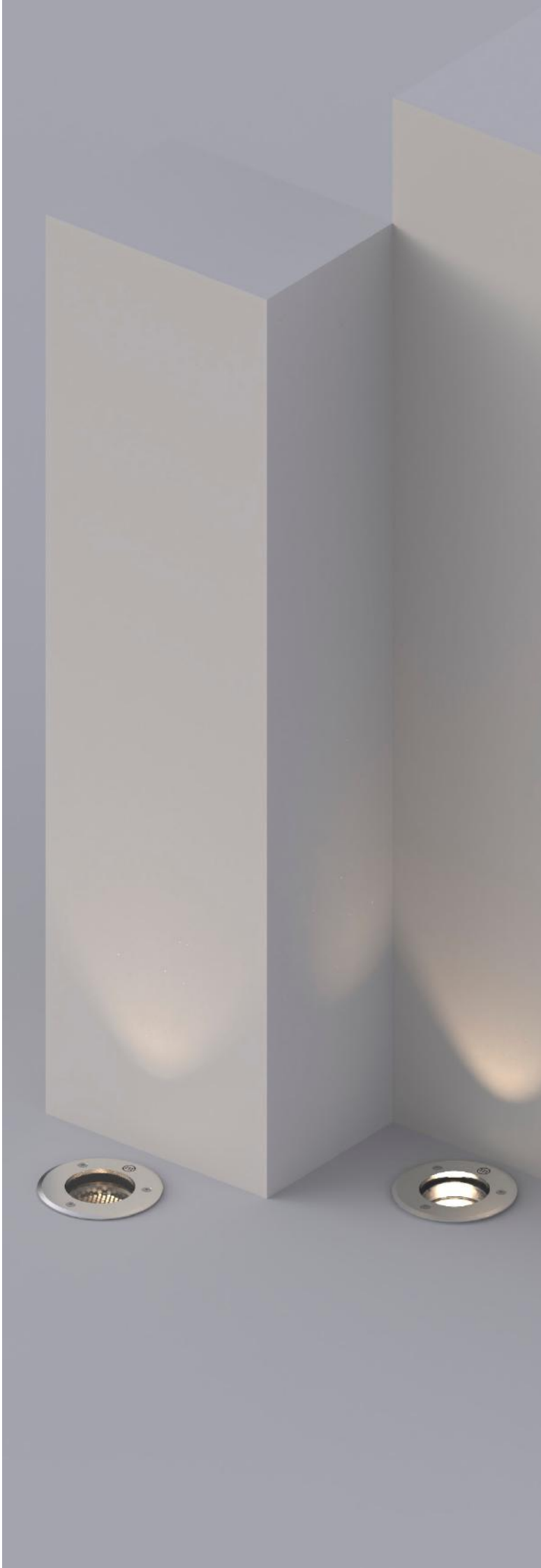
Acus 1.0

Acus 1.1

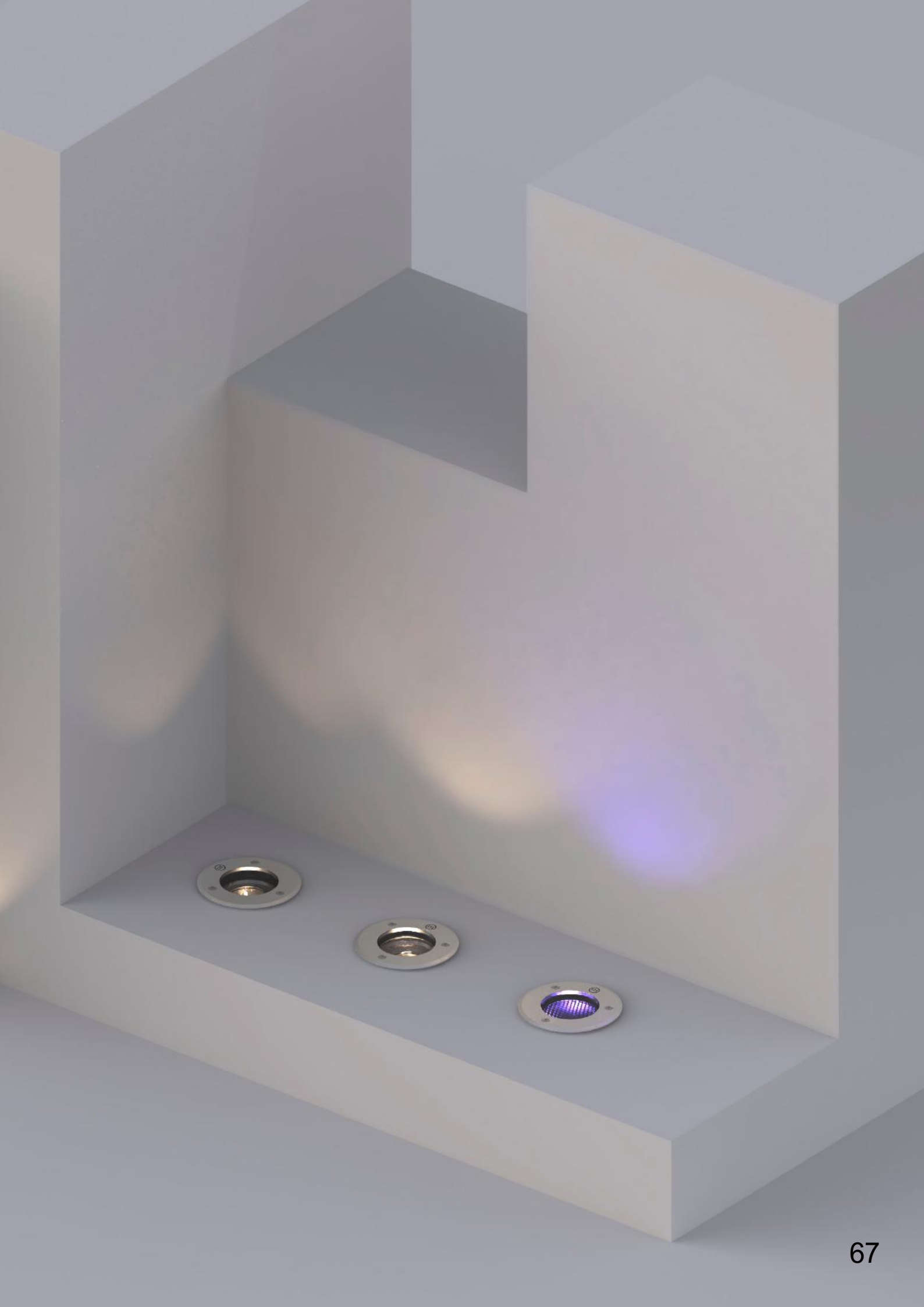
Acus 1.2

Acus 1.3 RGBW

Acus 2.0



mizar



Acus / Product features

Construction quality as the first goal

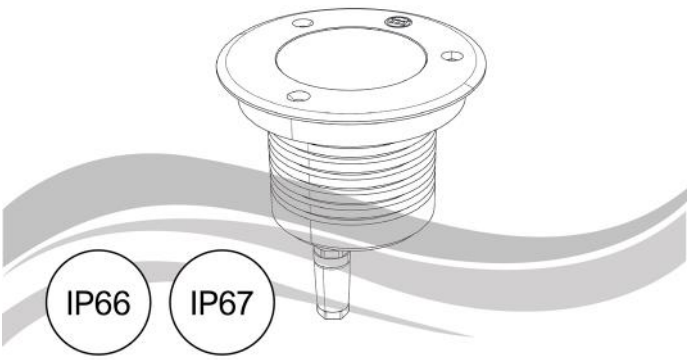
At MIZAR we believe that one of the first features of a “Made in Italy” product is excellent build quality. The ACUS bezel is made of highly abrasion-resistant micro-bead-blasted 316L stainless steel, with a 12 mm thick extra-clear tempered glass diffuser. The body is made of 20µm black anodised 6082 anticorodal aluminium. The product is supplied with a nickel-plated brass quick connector.

Corrosion resistance at the highest level

The care taken in the design and choice of materials allows the highest classes of the international ISO 9223 standard to be achieved. All ACUS are classified CX (“Extreme”).

Designed to be drive-over

ACUS are products designed to be certified in driveway areas. Tested to withstand up to 20 kN static load (2000 kg), 5kN in acceleration and torsion (500 kg).

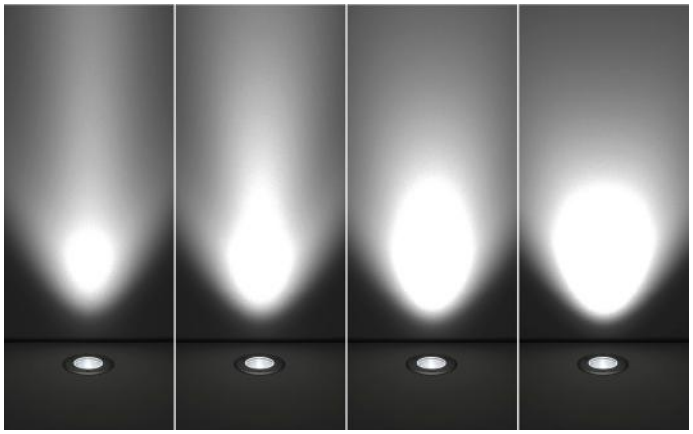


Highest degrees of protection

ACUS are fully protected against the ingress of any kind of dust (IP 6X) and protected against temporary immersion – up to 30 minutes – to a depth of 1 meter (IP X7). The products are also tested against high-pressure water jets (IP X6). 100 liters per minute, at a pressure of 100 kPa at a distance of 3 m.

IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Wide range of optics

All ACUS can be equipped with narrow, medium or wide optics. Offering maximum flexibility in lighting design. The range also offers a choice of technopolymer TIR lenses (ACUS 1.0, 1.2, 1.3 and 2.0), fresnel or aluminised reflectors (ACUS 1.1).

Maximum flexibility in aiming

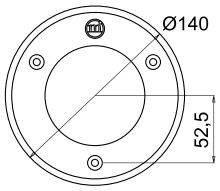
ACUS 2.0 versions are equipped with tilting optics. By acting on the lower part of the product body, without opening it, aiming can be oriented. This allows immediate adjustment of the optics, on any axis of the product.

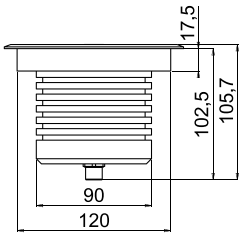
Wide choice of color temperatures and RGBW dynamic scenarios

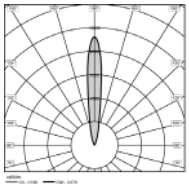
The ACUS series is offered with a wide choice of color temperatures: 2700K, 3000K and 4000K. As the ACUS is designed to illuminate façades, as well as in different colour temperatures, it is also offered in a colour-changing version, to create lively and dynamic scenarios. The ACUS 1.3 is equipped with RGBW sources, controlled by PWM (or DMX on request).

Technical data

Acus 1.0







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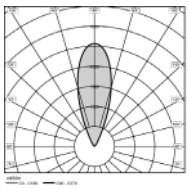
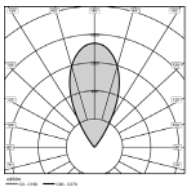


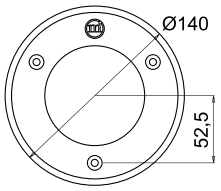
35°

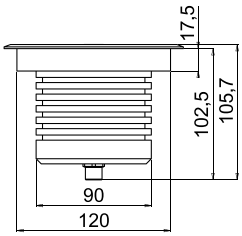


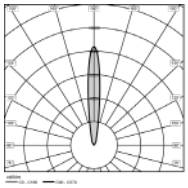
55°

Source type	LED COB
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 1612 lm
Beam angle	14°
	35°
	55°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	20W
Input power type	Constant current 500mA
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Series
Idroskud® protection	Yes

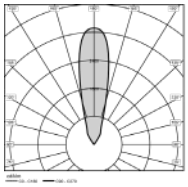
Acus 1.1



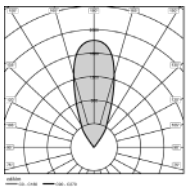




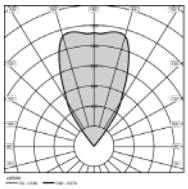
12°



25°



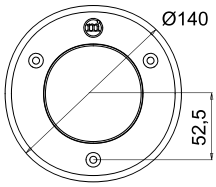
40°

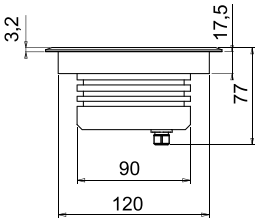


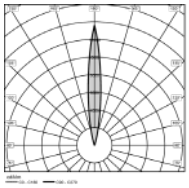
60°

Source type	LED COB
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 2183 lm
Beam angle	12°
	25°
	40°
	60°
Optical optional	None
	Honeycomb
	Louvre
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	25W
Input power type	Constant current 700mA
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Series
Idroskud® protection	Yes

Acus 1.2







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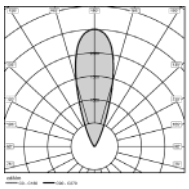
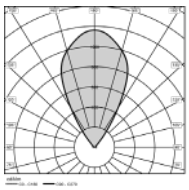
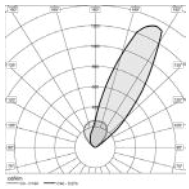


36°



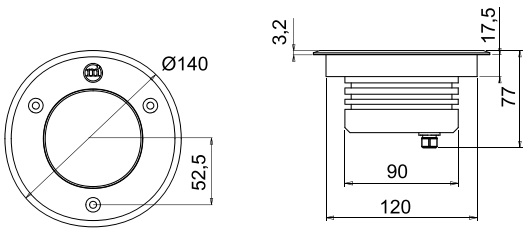
60°

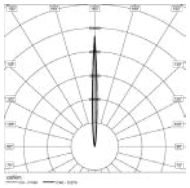


A20°

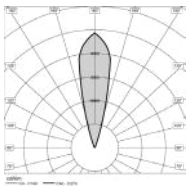
Source type	LED COB
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 1098 lm
Beam angle	13°
	36°
	60°
	A20°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	13W
Input power type	Constant current 700mA
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Series
Idroskud® protection	Yes

Acus 1.3 RGBW

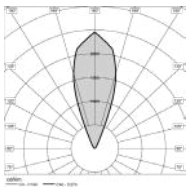




5°



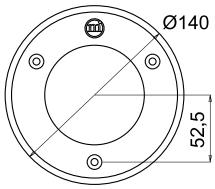
26°

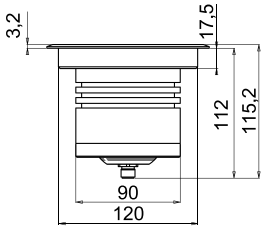


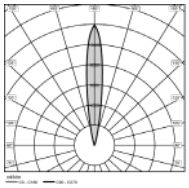
40°

Source type	LED multi-chip
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 546 lm
Beam angle	5°
	26°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	13W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Connector type	M12 eight poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Acus 2.0







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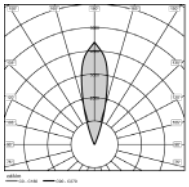

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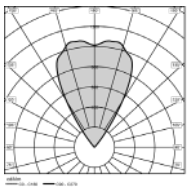


60°

Source type	LED COB
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 1195 lm
Beam angle	15°
	26°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Bezel material	Shot peened stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	13W
Input power type	Constant current 700mA
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Series
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Recessed box	ACUS 1.0 / 1.1 / 1.2 / 1.3 / 2.0	ACUZZZ000	Drive-over recessed box

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	ACUS 1.0 / 1.1 / 1.2 / 2.0	MID0025	Power supply DC 10-54V 1,5/38W 150-1050mA IP20 DALI/NFC
Power supply	ACUS 1.0 / 1.1 / 1.2 / 2.0	MID0027	Power supply DC 2-49V 1/30W 250-700mA IP68 DALI
Power supply	ACUS 1.1 / 1.2 / 2.0	MID0022	Power supply DC 5-44V 700mA 30W IP20 ON/OFF
Power supply	ACUS 1.1 / 1.2 / 2.0	MID0026	Power supply DC 10-50V 15/70W 700mA IP68 ON/OFF
Power supply	ACUS 1.3	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	ACUS 1.3	MID0021	Power supply DC 24V 24W 1A IP67 DALI
Power supply	ACUS 1.3	MID0028	Power supply DC 24V 70W 2,9A IP67 ON/OFF
Power supply	ACUS 1.3	MID0029	Power supply DC 24V 150W 6,25A IP67 ON/OFF
Power supply	ACUS 1.3	MID0030	Power supply DC 24V 120W 5A IP67 DALI2/PWM
Power supply	ACUS 1.3	MID0031	Power supply DC 24V 200W 5A IP67 DALI2/PWM
Control unit	ACUS 1.3	MID0023	Control unit WT5 5 channels RGBW PWM/WiFi
Remote	ACUS 1.3	MID1000	Remote RT5 RGB+CCT 1 zone RF 2.4GHZ
Touch panel	ACUS 1.3	MID1001	Touch panel da parete TW5-4 RGB+CCT 4 zones

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
ACU00	ACUS 1.0	**C**	2700K	**C**	CRI > 90	**S**	14°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	series 500mA
		D	3000K			**M**	35°	**2**	Honeycomb						
		F	4000K			**L**	55°	**3**	Louvre						
ACU01	ACUS 1.1	**C**	2700K	**C**	CRI > 90	**S**	12°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	series 700mA
		D	3000K			**M**	25°	**2**	Honeycomb						
		F	4000K			**L**	40°	**3**	Louvre						
						W	60°								
ACU02	ACUS 2.0	**C**	2700K	**C**	CRI > 90	**S**	15°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	series 700mA
		D	3000K			**M**	26°	**2**	Honeycomb						
		F	4000K			**L**	60°								
ACU03	ACUS 1.2	**C**	2700K	**C**	CRI > 90	**A**	A20°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	series 700mA
		D	3000K					**2**	Honeycomb						
		F	4000K												
ACU04	ACUS 1.2	**C**	2700K	**C**	CRI > 90	**S**	13°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	series 700mA
		D	3000K			**M**	36°	**2**	Honeycomb						
		F	4000K			**L**	60°								
ACU05	ACUS 1.3	**P**	RGBW	**C**	CRI > 80	**S**	5°	**0**	None	**00**	Steel	**Z**	n.c.	**00**	parallel 24V
						M	26°	**2**	Honeycomb						
						L	40°								

Configuration example

ACU00		**C**		**C**		**S**		**0**		**00**		**Z**		**00**	

ACU00CCS000Z00 - ACUS 1.0 20W 14° 2700K 500mA

n.c. = not pre-wired

Lineo

['li:ne:o]

LINEO the iconic linear recessed fixture with a strong visual impact, designed to define paths and spaces with continuous lighting. Visual comfort is guaranteed thanks to its diffuse PMMA optics integrated into the profile, which ensures the perfect combination of light and architecture, adding charm to walkways, flowerbeds and facades. Drive-over, modular and dimmable, also available with an RGBW source, it flexibly adapts to both public and private contexts.

mizar

Lineo

Lineo 1.0

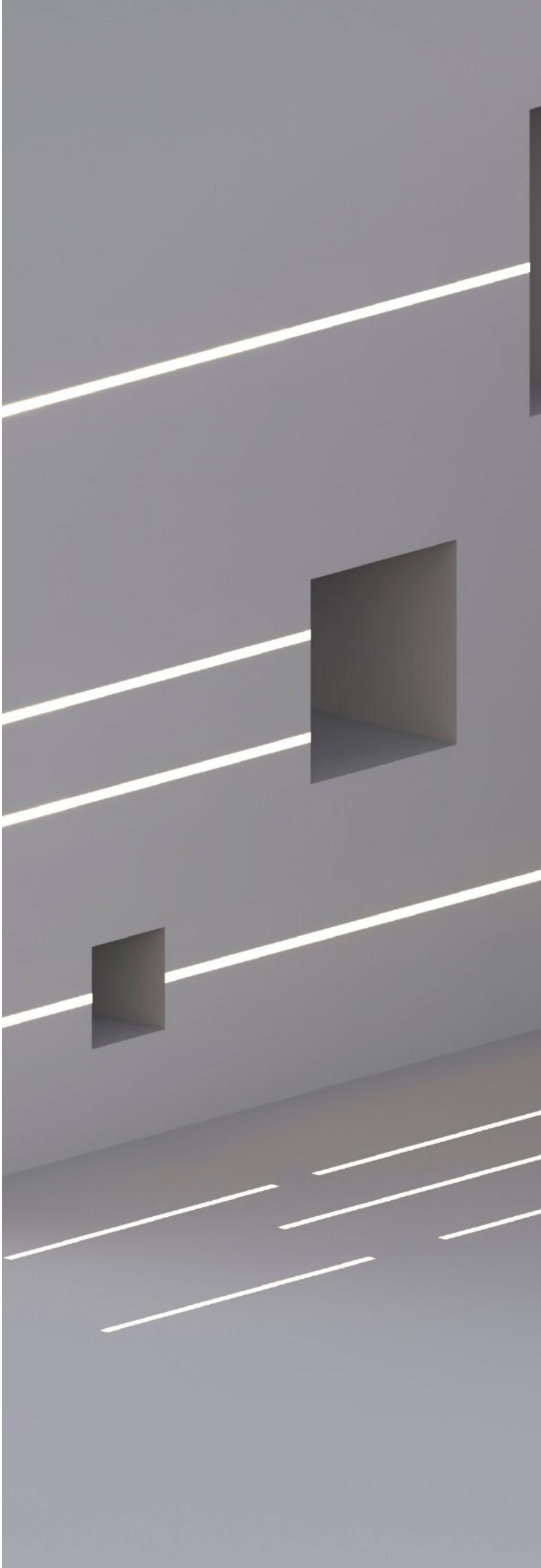
Lineo 1.1

Lineo 1.2

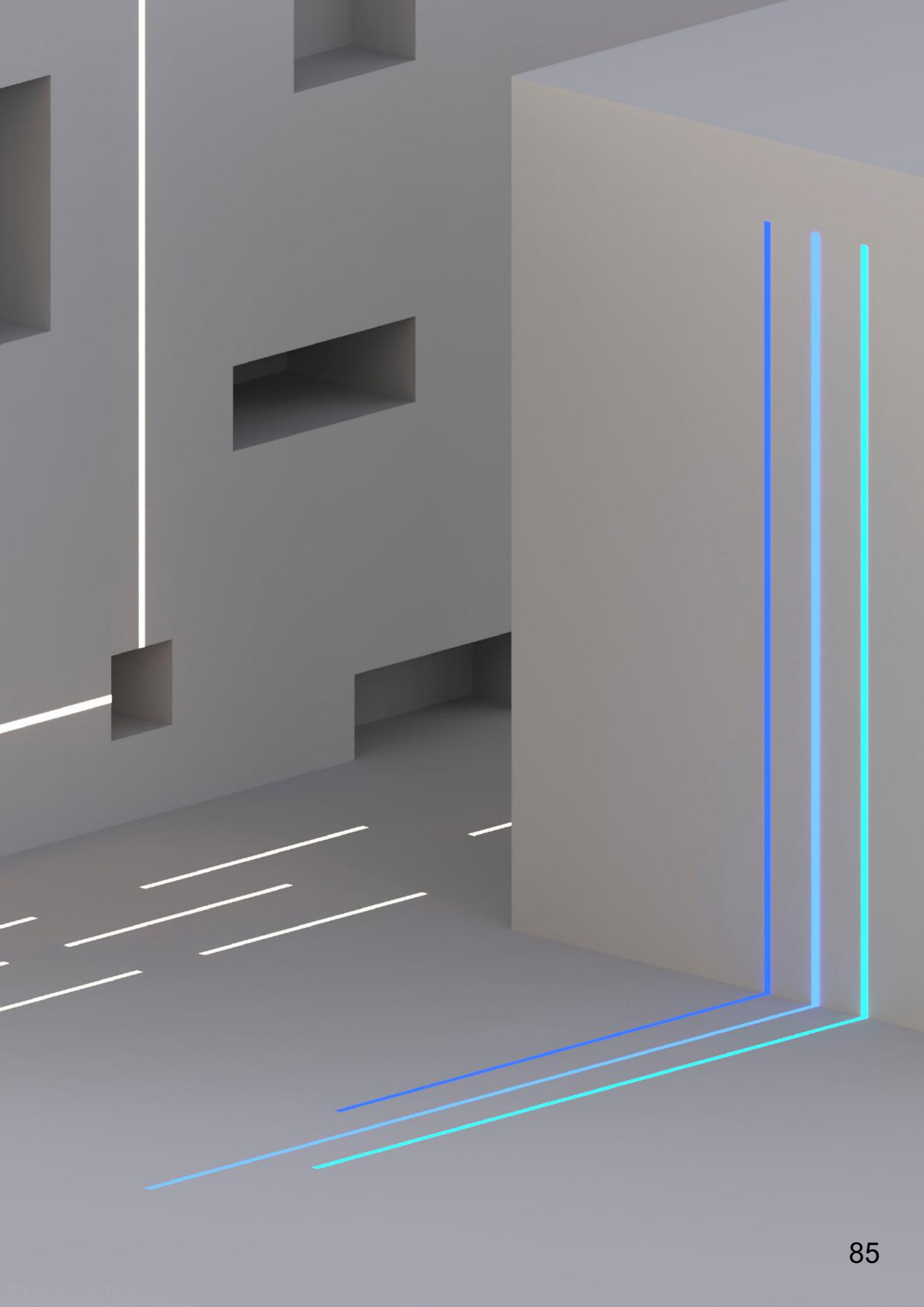
Lineo 2.0

Lineo 2.1

Lineo 2.2



mizar



Construction quality as the first goal

At MIZAR, we believe that one of the first characteristics of a “Made in Italy” product is excellent build quality. The body of the LINEO is created with a double PMMA extrusion, which allows the opal diffuser and the transparent body to be integrated in a single block. This makes the product extremely resistant, IK10 and drive-over up to 2000kg.

Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All LINEO models are rated CX (“Extreme”).

Designed to be drive-over

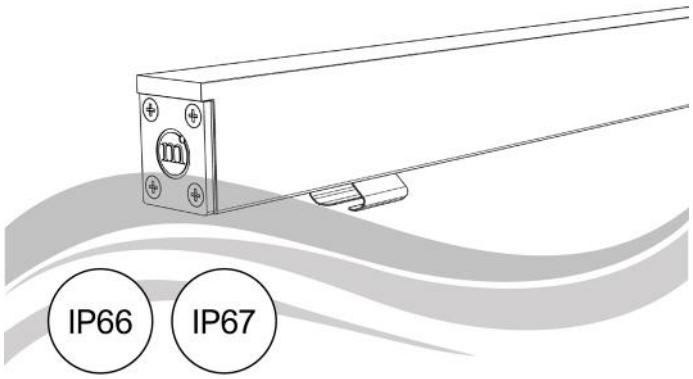
The LINEO is a product designed to be certified in driveway areas. Tested to withstand up to 20 kN static load (2000 kg), 5kN in acceleration and torsion (500 kg).

Limitless modularity

LINEO is a product designed to be installed in a continuous, seamless line. The series is complete with modular outercases, both for installation on the ground and on plasterboard. Accessories for continuous line wiring, such as extension cables and splitters, are also provided.

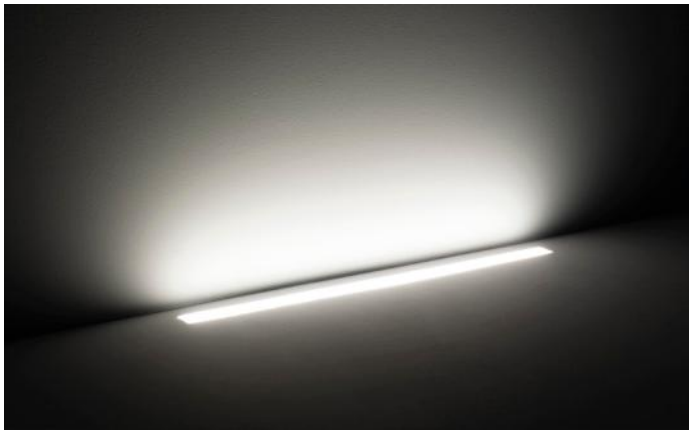
IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



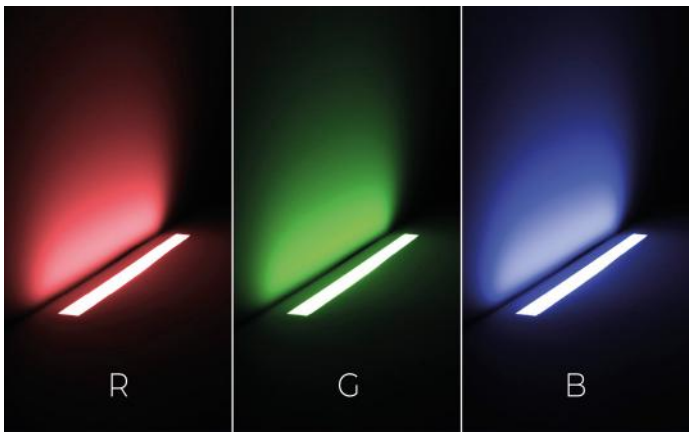
Highest degrees of protection

LINEO are fully protected against the ingress of any kind of dust (IP 6X) and protected against temporary immersion – up to 30 minutes – to a depth of 1 metre (IP X7). The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa, at a distance of 3 m.



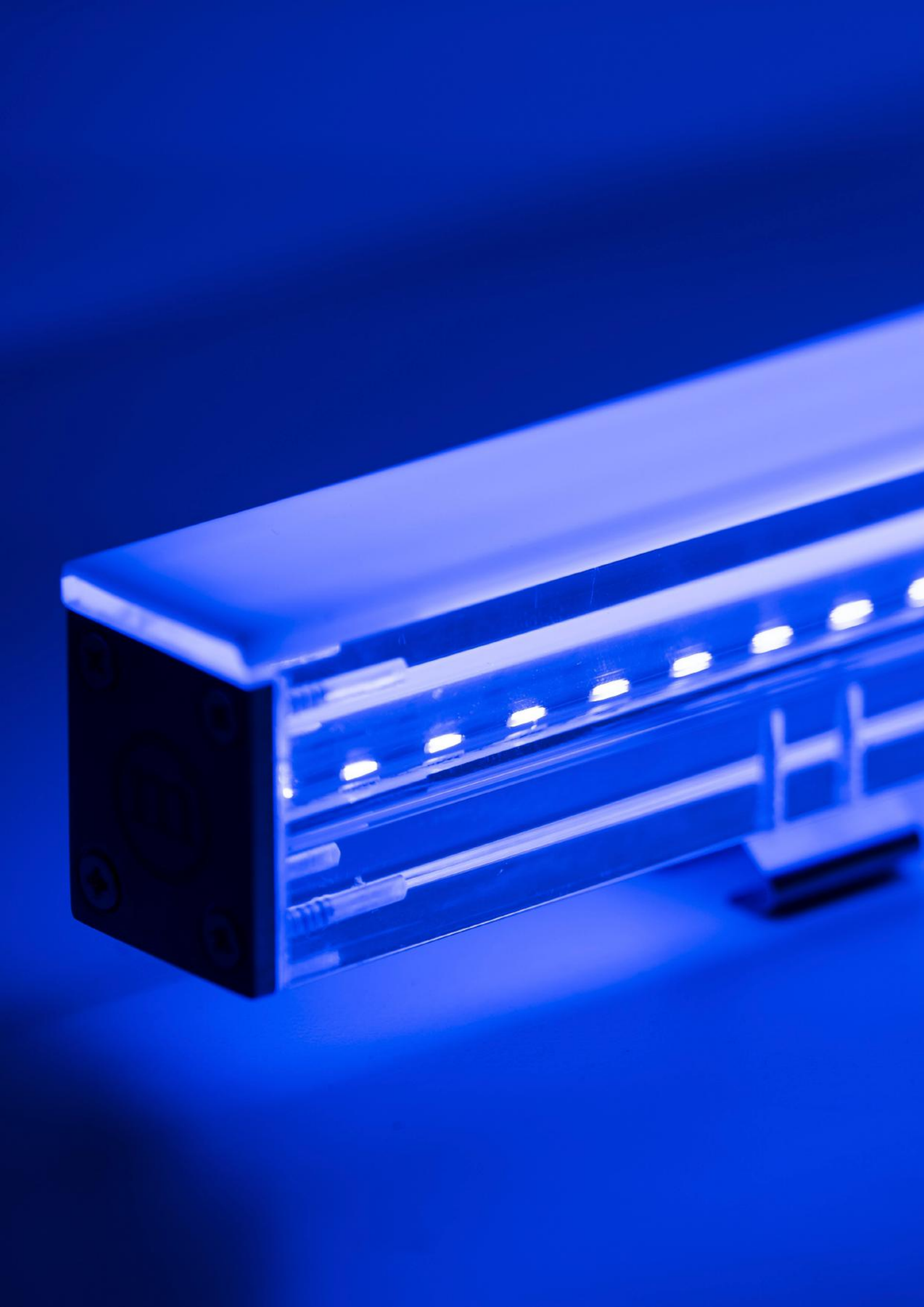
Perfect light uniformity

The opal PMMA diffuser allows for maximum homogeneity of light distribution, also making the LINEO body itself perfectly backlit, with no visible shadows.



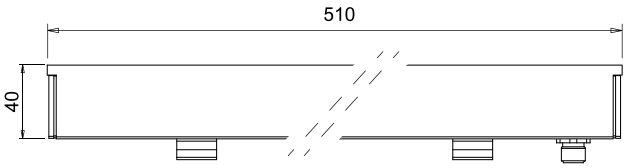
Wide choice of color temperatures and RGBW dynamic scenarios

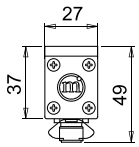
The LINEO series is offered with different color temperatures: 2700, 3000 and 4000 Kelvin. In addition – very warm color temperature versions 2200 K are available upon request.
The LINEO design is well suited for decorative and modular installations. LINEO 2.0, 2.1 and 2.2 are equipped with RGBW sources, controlled in PWM.

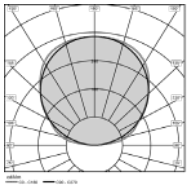


Technical data

Lineo 1.0



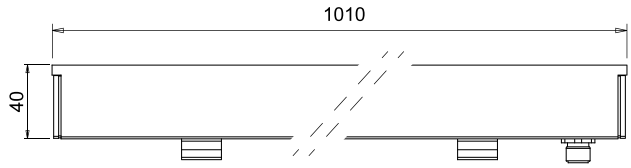


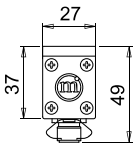


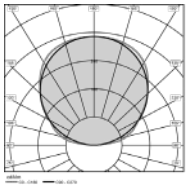
Diffused

Source type	LED SMD 3014
CCT	2700K
	3000K
	4000K
CRI	>80
Step MacAdam	3
Lumen output	up to 173 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	6W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Lineo 1.1



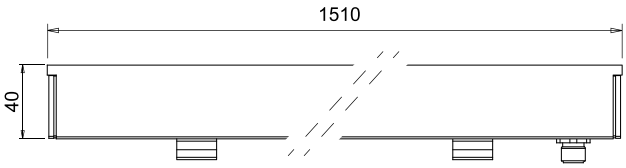


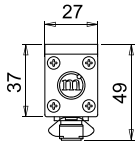


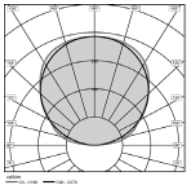
Diffused

Source type	LED SMD 3014
CCT	2700K
	3000K
	4000K
CRI	>80
Step MacAdam	3
Lumen output	up to 345 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	12W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Lineo 1.2



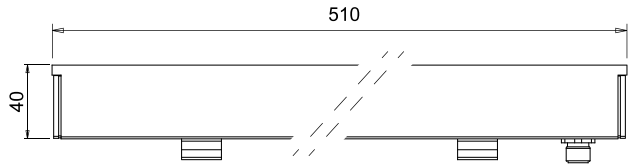


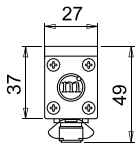


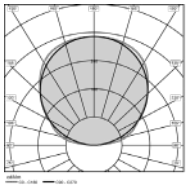
Diffused

Source type	LED SMD 3014
CCT	2700K
	3000K
	4000K
CRI	>80
Step MacAdam	3
Lumen output	up to 517 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	18W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Lineo 2.0



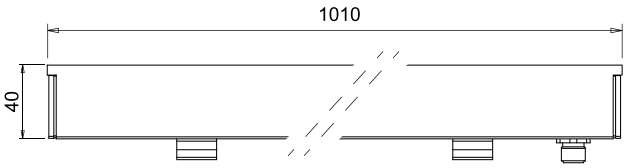


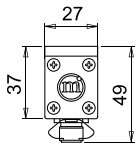


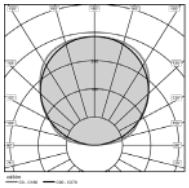
Diffused

Source type	LED SMD 3014 + LED SMD 3528
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 197 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	12W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Lineo 2.1



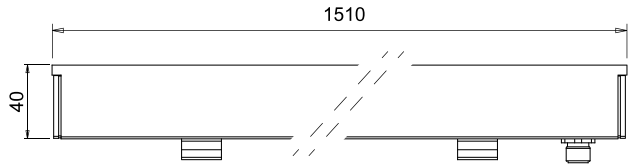


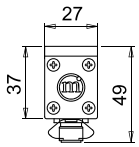


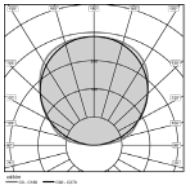
Diffused

Source type	LED SMD 3014 + LED SMD 3528
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 394 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	24W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Lineo 2.2







Diffused

Source type	LED SMD 3014 + LED SMD 3528
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 591 lm
Beam angle	Diffused 120°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Body material	Transparent PMMA
Diffuser material	Opal PMMA
ISO 9223 class	CX
Operating temperature	-20°C / +50° C
Maximum static load	20kN (2000kg)
Walk-over	Yes
Drive-over	Yes
Power	36W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Connector type	M12 five poles IP67
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Recessed box	LINEO 1.0 / 2.0	LNEZZZ000	Ground recessed box (made of PC) 511mm
Recessed box	LINEO 1.1 / 2.1	LNEZZZ001	Ground recessed box (made of PC) 1011mm
Recessed box	LINEO 1.2 / 2.2	LNEZZZ002	Ground recessed box (made of PC) 1511mm
Recessed box	LINEO 1.0 / 2.0	LNEZZZ003	Plasterboard recessed box (made of PC) 511mm
Recessed box	LINEO 1.1 / 2.1	LNEZZZ004	Plasterboard recessed box (made of PC) 1011mm
Recessed box	LINEO 1.2 / 2.2	LNEZZZ005	Plasterboard recessed box (made of PC) 1511mm
Cables	Every model	LNEZZZ012	PVC extension cable M12 5poles 0,5m
Cables	Every model	LNEZZZ013	PVC extension cable M12 5poles 1m
Cables	Every model	LNEZZZ014	PVC extension cable M12 5poles 1,5m
Cables	Every model	LNEZZZ015	PVC extension cable M12 5poles 5m
Cables	Every model	LNEZZZ016	PVC extension cable M12 5poles 10m
Cables	Every model	LNEZZZ017	PVC extension cable M12 5poles 15m
Cables	Every model	LNEZZZ019	PVC splitter 2-ways M12 5poles male-female/female 0,35m
Cables	Every model	LNEZZZ021	PVC input power cable M12 5poles female 1,5m
Mounting kit	Every model	LNEZZZ022	End-caps for ground recessed box
Mounting kit	Every model	LNEZZZ023	End-caps for plasterboard recessed box
Mounting kit	Every model	LNEZZZ024	Fixing brackets for recessed box
Mounting kit	Every model	LNEZZZ025	Coupling brackets for recessed box
Mounting kit	Every model	LNEZZZ026	Spring for luminaire extraction

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	Every model	MID0028	Power supply DC 24V 70W 2,9A IP67 ON/OFF
Power supply	Every model	MID0029	Power supply DC 24V 150W 6,25A IP67 ON/OFF
Power supply	Every model	MID0030	Power supply DC 24V 120W 5A IP67 DALI2/PWM
Power supply	Every model	MID0031	Power supply DC 24V 200W 5A IP67 DALI2/PWM
Control unit	Lineo 2.0 / 2.1 / 2.2	MID0023	Control unit WT5 5 channels RGBW PWM/WiFi
Remote	Lineo 2.0 / 2.1 / 2.2	MID1000	Remote RT5 RGB+CCT 1 zone RF 2.4GHZ
Touch panel	Lineo 2.0 / 2.1 / 2.2	MID1001	Touch panel da parete TW5-4 RGB+CCT 4 zones

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
LNE00	LINEO 510mm	**C**	2700K	**B**	CRI > 80	**K**	Diffused	**0**	None	**00**	Opal	**A**	0,4 m	**00**	Standard
		D	3000K												
		F	4000K												
		P	RGBW												
LNE01	LINEO 1010mm	**C**	2700K	**B**	CRI > 80	**K**	Diffused	**0**	None	**00**	Opal	**A**	0,4 m	**00**	Standard
		D	3000K												
		F	4000K												
		P	RGBW												
LNE02	LINEO 1510mm	**C**	2700K	**B**	CRI > 80	**K**	Diffused	**0**	None	**00**	Opal	**A**	0,4 m	**00**	Standard
		D	3000K												
		F	4000K												
		P	RGBW												

Configuration example

LNE00	**C**	**B**	**K**	**0**	**00**	**A**	**00**

LNE00CBK000A00 - LINEO 1.0 510mm 6W Opal 2700K 24V

Egeo

[e'dʒɛ:o]

EGEO is the range of floodlights specifically designed to elegantly and reliably illuminate extreme environments, such as coastlines, fountains, or underwater spaces. Crafted with high-quality Italian-made materials such as anodized aluminum and stainless steel, they are resistant to corrosive agents and permanent immersion up to 10 meters. Available in four sizes, they offer a wide range of optics, color temperatures and accessories for designing and shaping the light, also available in RGBW for memorable dynamic scenarios.

mizar

Egeo

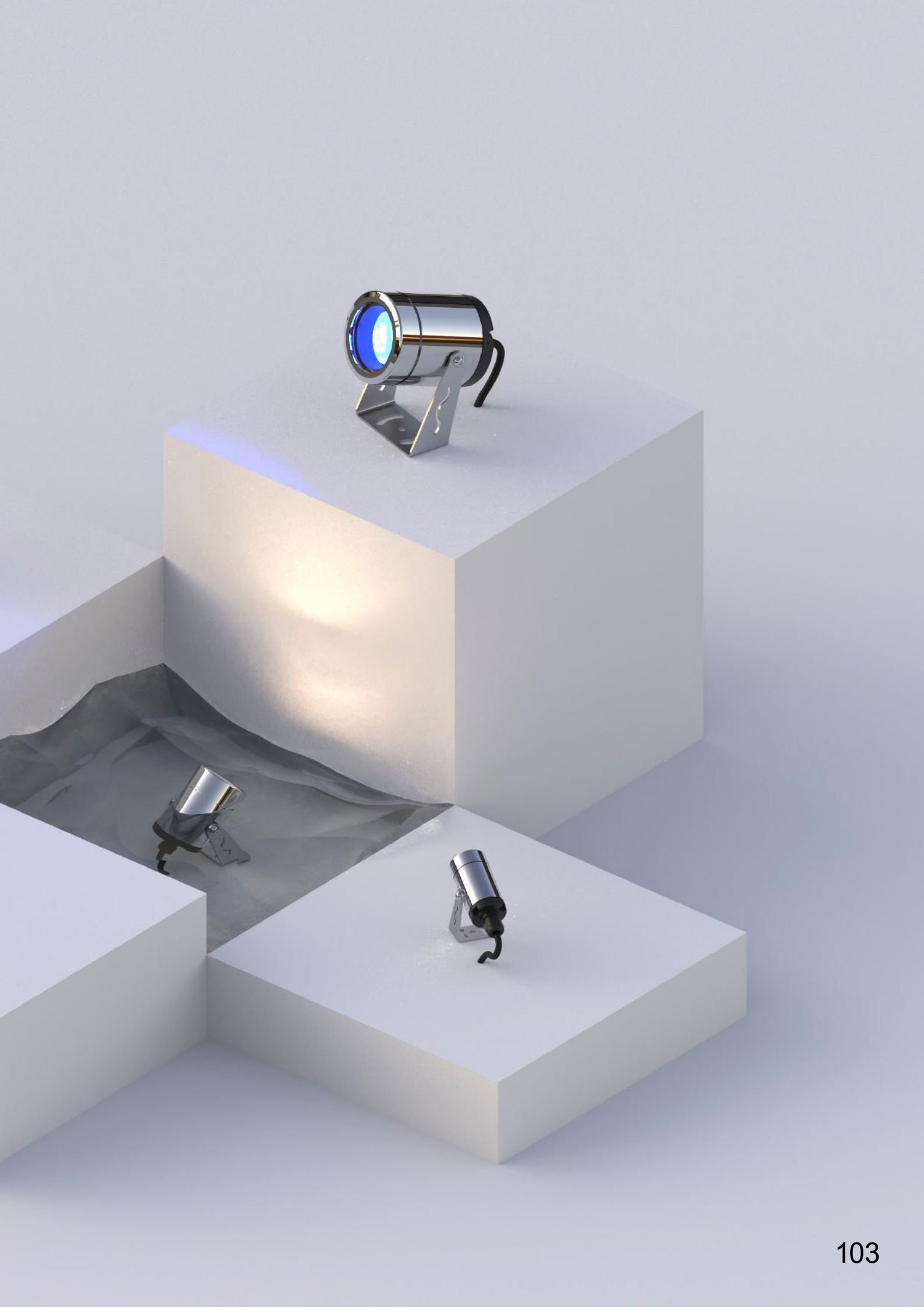
Egeo 1.0

Egeo 2.0

Egeo 3.0

Egeo 4.0

Egeo 4.1 RGBW



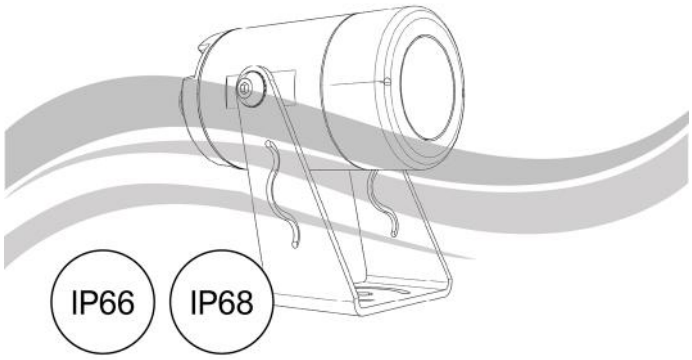
Egeo / Product features

Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a “Made in Italy” product is an excellent build quality. EGEOs are turned from solid, 20µm neutral anodised 6082 anticorodal aluminium or 316L stainless steel.

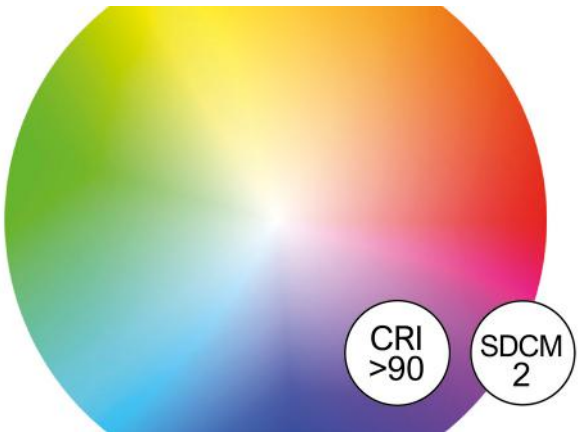
Corrosion resistance at the highest level

The care taken in the design and choice of materials enables the highest classes of the international ISO 9223 standard to be achieved. All EGEO floodlights, made of anodized aluminum, are rated C5 (“Very High”). All EGEO floodlights, made of stainless steel, are rated CX (“Extreme”).



Highest degrees of protection

The EGEOs are fully protected against the ingress of any kind of dust (IP 6X) and protected against permanent immersion to a depth of 3 metres (IP X8). The Egeo 3 and Egeo 4 sizes are protected up to a depth of 10 meters. The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa, at a distance of 3 meters.

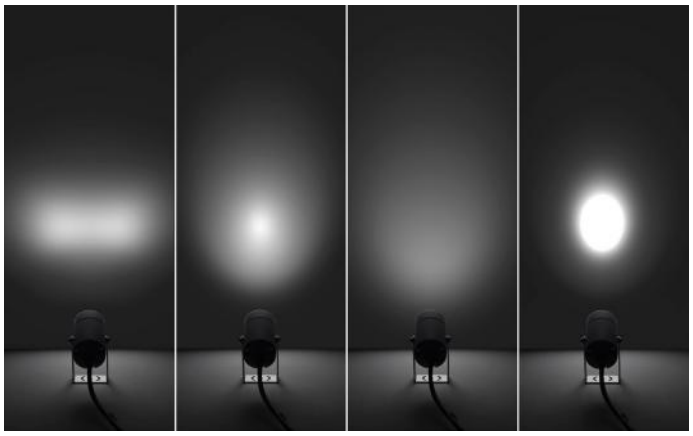


Faithful reproduction of colors

The EGEO series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 2 value.

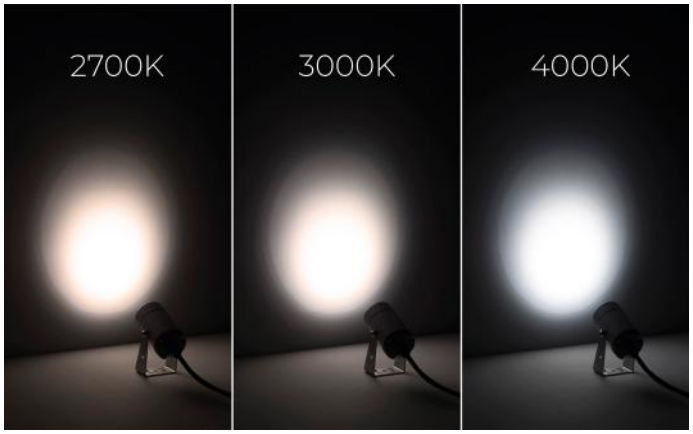
IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



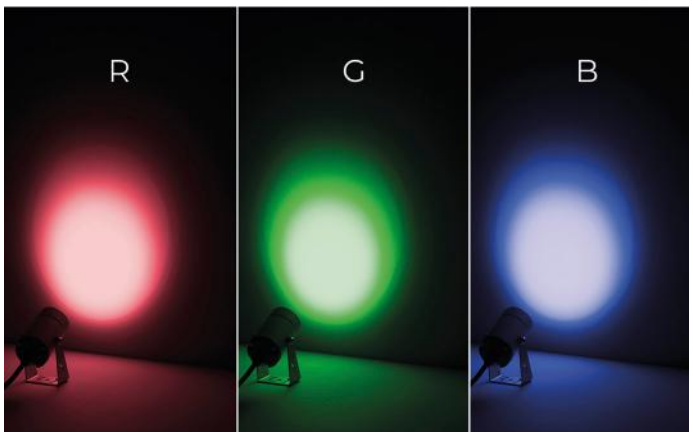
Wide range of optics

All EGEOs can be equipped with narrow, medium, wide or elliptical optics. Maximum lighting design flexibility.



Wide choice of color temperatures

The EGEO series is offered with a wide choice of color temperatures: 2700K, 3000K and 4000K. In addition – upon request – versions with extremely warm color temperature (2200 K) are available.

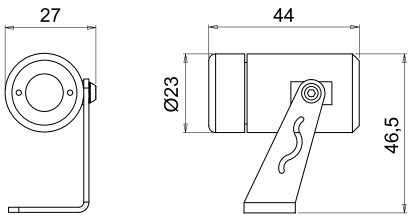


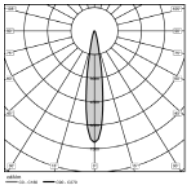
RGBW dynamic scenarios

The EGEO series, in addition to different color temperatures, in the Egeo 4 models is available in versions equipped with RGBW sources, controlled in PWM.

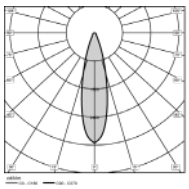
Technical data

Egeo 1.0

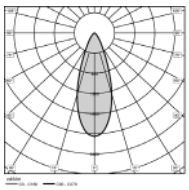




15°



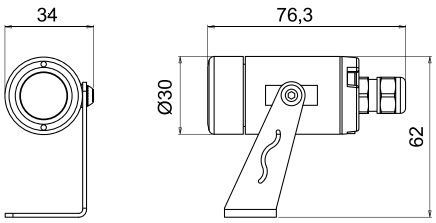
25°

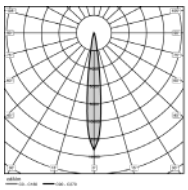


40°

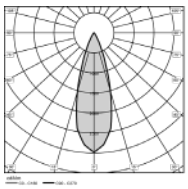
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 71 lm
Beam angle	15°
	25°
	40°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	4mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Power	1W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Egeo 2.0

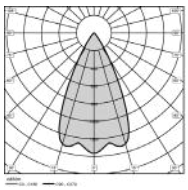




10°



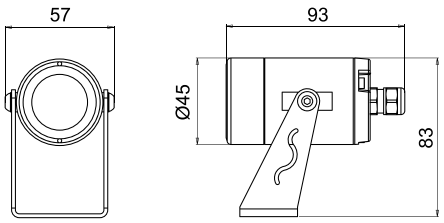
36°

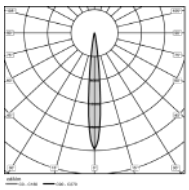


60°

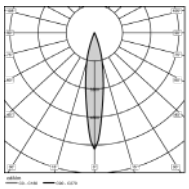
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10°
	36°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68
IK rating	IK07
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Egeo 3.0

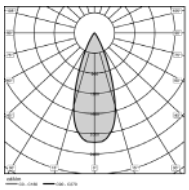




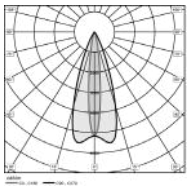
10°



25°



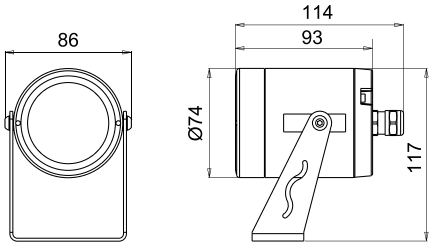
40°

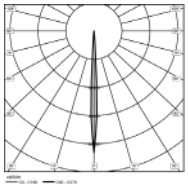


10°x45°

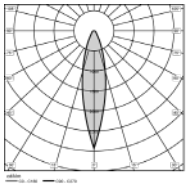
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 152 lm
Beam angle	10°
	25°
	40°
	10°x45°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK10
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Egeo 4.0

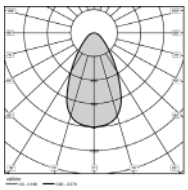




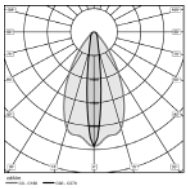
5°



20°



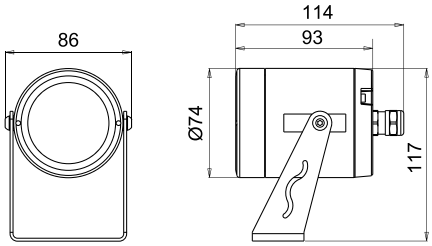
60°

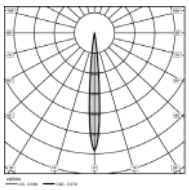


15°x60°

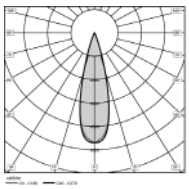
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
	15°x60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Power	7W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Egeo 4.0 RGBW

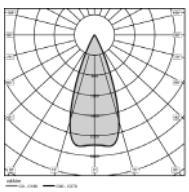




5°



26°



40°

Source type	multi-chip LED
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 336 lm
Beam angle	5°
	26°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 68 10m
IK rating	IK09
Bezel material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Body material	Anodized aluminium 20µm anticorodal 6082
	Stainless steel 316L
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
	CX
Operating temperature	-20°C / +50° C
Power	8W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Cable type	FR5FOEM7-AD8 6x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Mounting kit	EGEO 1.0 / 2.0 / 3.0	CEAZZZ016	Ground stake for small size floodlights
Mounting kit	EGEO 4.0 / 4.0 RGBW	CEAZZZ017	Ground stake for large size floodlights

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	EGEO 1.0 / 2.0 / 3.0 / 4.0 / 4.0 RGBW	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	EGEO 1.0 / 2.0 / 3.0 / 4.0 / 4.0 RGBW	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	EGEO 1.0 / 2.0 / 3.0 / 4.0 / 4.0 RGBW	MID0021	Power supply DC 24V 24W 1A IP67 DALI
Control unit	EGEO 4.0 RGBW	MID0023	Control unit WT5 5 channels RGBW PWM/WiFi
Remote	EGEO 4.0 RGBW	MID1000	Remote RT5 RGB+CCT 1 zone RF 2.4GHZ
Touch panel	EGEO 4.0 RGBW	MID1001	Touch panel da parete TW5-4 RGB+CCT 4 zones

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
CEA12	EGEO 1.0	**C**	2700K	**C**	CRI > 90	**S**	15°	**0**	None	**00**	Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**M**	25°	**1**	Honeycomb	**01**	Steel	**C**	1,5 m		
		F	4000K			**L**	40°					**H**	5 m		
												M	10 m		
												P	15 m		
CEA13	EGEO 2.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**M**	36°	**1**	Honeycomb	**01**	Steel	**C**	1,5 m		
		F	4000K			**L**	60°					**H**	5 m		
												M	10 m		
												P	15 m		
CEA14	EGEO 3.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**00**	Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	10°x45°	**1**	Honeycomb	**01**	Steel	**C**	1,5 m		
		F	4000K			**M**	25°					**H**	5 m		
						L	40°					**M**	10 m		
												P	15 m		
CEA15	EGEO 4.0	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**00**	Aluminium	**A**	0,4 m	**00**	Standard
		D	3000K			**E**	15°x60°	**1**	Honeycomb	**01**	Steel	**C**	1,5 m		
		F	4000K			**M**	20°					**H**	5 m		
						L	60°					**M**	10 m		
												P	15 m		

Configuration example

CEA12	**C**	**C**	**S**	**0**	**00**	**A**	**00**

CEA12CCS001A00 - EGEO 1.0 1W AL 15° 2700K 24V 0,4m

Flumen

['flu:men]

C5 ISO9223

IK08

IK10

IP66

IP67

idroSkud

FLUMEN, a versatile product line designed to meet every lighting need. With a wide range of sizes and power options, FLUMEN allows you to customize its performance with external accessories, including visors and snoots. These accessories pair perfectly with four different TIR optics, offering endless possibilities to customize the light to your taste.

mizar

Flumen

Flumen 1.0

Flumen 2.0

Flumen 3.0

mizar

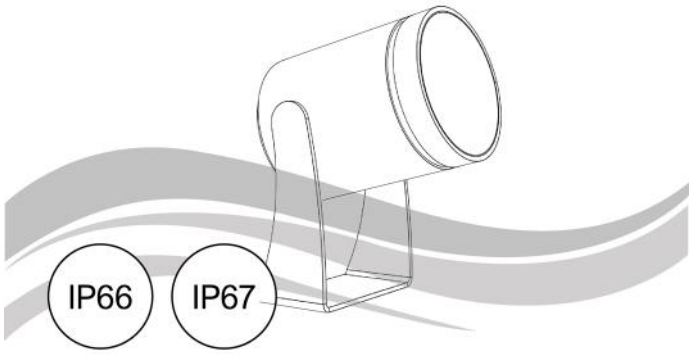
Flumen / Product features

Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a “Made in Italy” product is an excellent build quality. FLUMEN are turned from solid, made of anodized anticorodal 6082 aluminum, and coated with a protective primer followed by epoxy polyester powder painting.

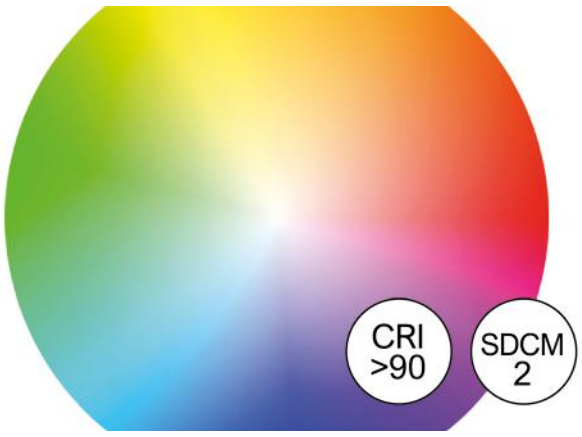
Corrosion resistance at the highest level

The care taken in the design and choice of materials enables the highest classes of the international ISO 9223 standard to be achieved. All FLUMENs are rated C5 (“Very High”).



Highest degrees of protection

The FLUMENs are fully protected against the ingress of any kind of dust (IP 6X) and protected against temporary immersion for up to 30 minutes at a depth of 1 meter (IP X7). The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa, at a distance of 3 meters.

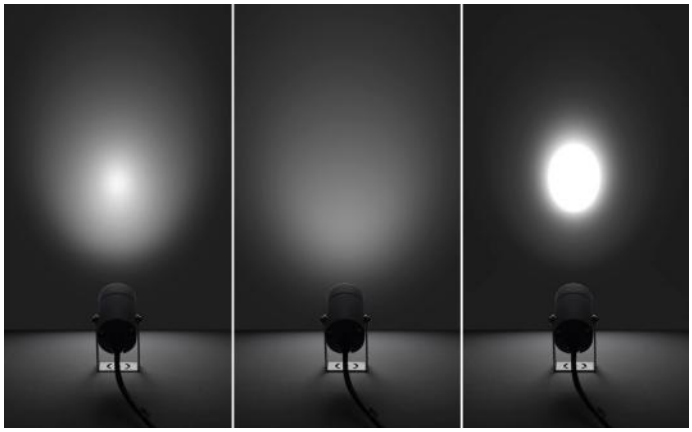


Faithful color reproduction

The FLUMENs series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 2 value.

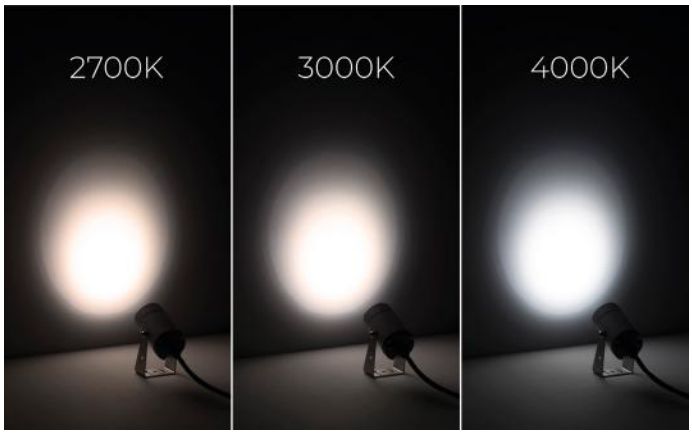
IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Wide range of optics

All FLUMENs can be equipped with narrow, medium or wide optics. Maximum lighting design flexibility.



Wide choice of color temperatures

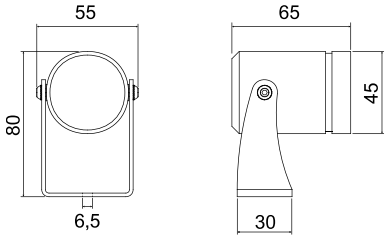
The FLUMEN series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with an extremely warm colour temperature (2200 K) are available.

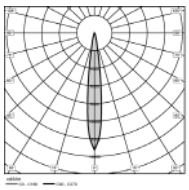
The importance of visual comfort

All FLUMENs are designed with a lowered light source to reduce perceived glare. In addition, they can be configured by inserting optical optionals such as honeycomb for the highest level of visual comfort. The FLUMEN series can also be equipped with two different accessories, asymmetrical visors and telescopes, made of powder-coated sheet metal.

Technical data

Flumen 1.0





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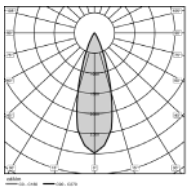

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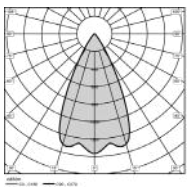
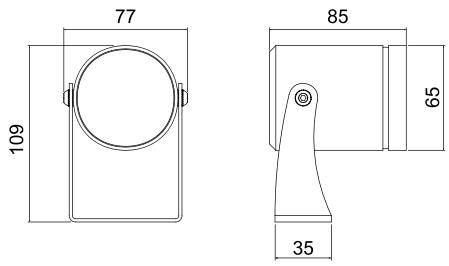
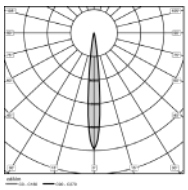


60°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10°
	36°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Flumen 2.0





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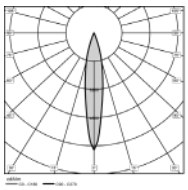

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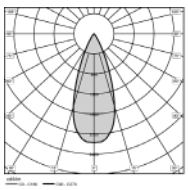
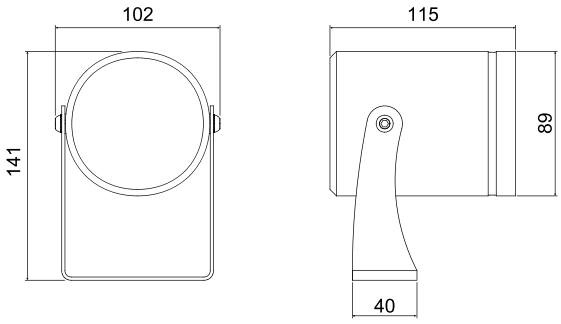
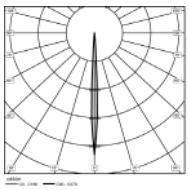


40°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 198 lm
Beam angle	10°
	25°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Flumen 3.0





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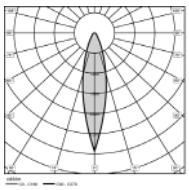

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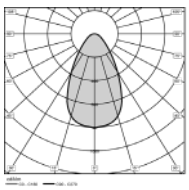


60°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 665 lm
Beam angle	5°
	20°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W
	10W
	14W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Visiera	FLUMEN 1.0	FLMZZZ000	Kit black snoot
Visiera	FLUMEN 1.0	FLMZZZ001	Kit black visor
Mounting kit	FLUMEN 1.0 / 2.0	CEAZZZ016	Ground stake for small size floodlights
Visiera	FLUMEN 2.0	FLMZZZ002	Kit black snoot
Visiera	FLUMEN 2.0	FLMZZZ003	Kit black visor
Mounting kit	FLUMEN 3.0	CEAZZZ017	Ground stake for large size floodlights
Visiera	FLUMEN 3.0	FLMZZZ004	Kit black snoot
Visiera	FLUMEN 3.0	FLMZZZ005	Kit black visor

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0021	Power supply DC 24V 24W 1A IP67 DALI

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
FLM00	FLUMEN 1.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**C**	1,5 m	**00**	Standard
		D	3000K			**M**	36°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	60°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										W0	White RAL9003				
FLM01	FLUMEN 2.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**C**	1,5 m	**00**	Standard
		D	3000K			**M**	25°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	40°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										W0	White RAL9003				
FLM02	FLUMEN 3.0 7W	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**C**	1,5 m	**00**	Standard
FLM03	FLUMEN 3.0 10W	**D**	3000K			**M**	20°	**1**	Honeycomb	**CT**	Corten				
FLM04	FLUMEN 3.0 14W	**F**	4000K			**L**	60°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										W0	White RAL9003				

Configuration example									
FLM00	**C**	**C**	**S**	**0**	**B0**	**C**	**00**		

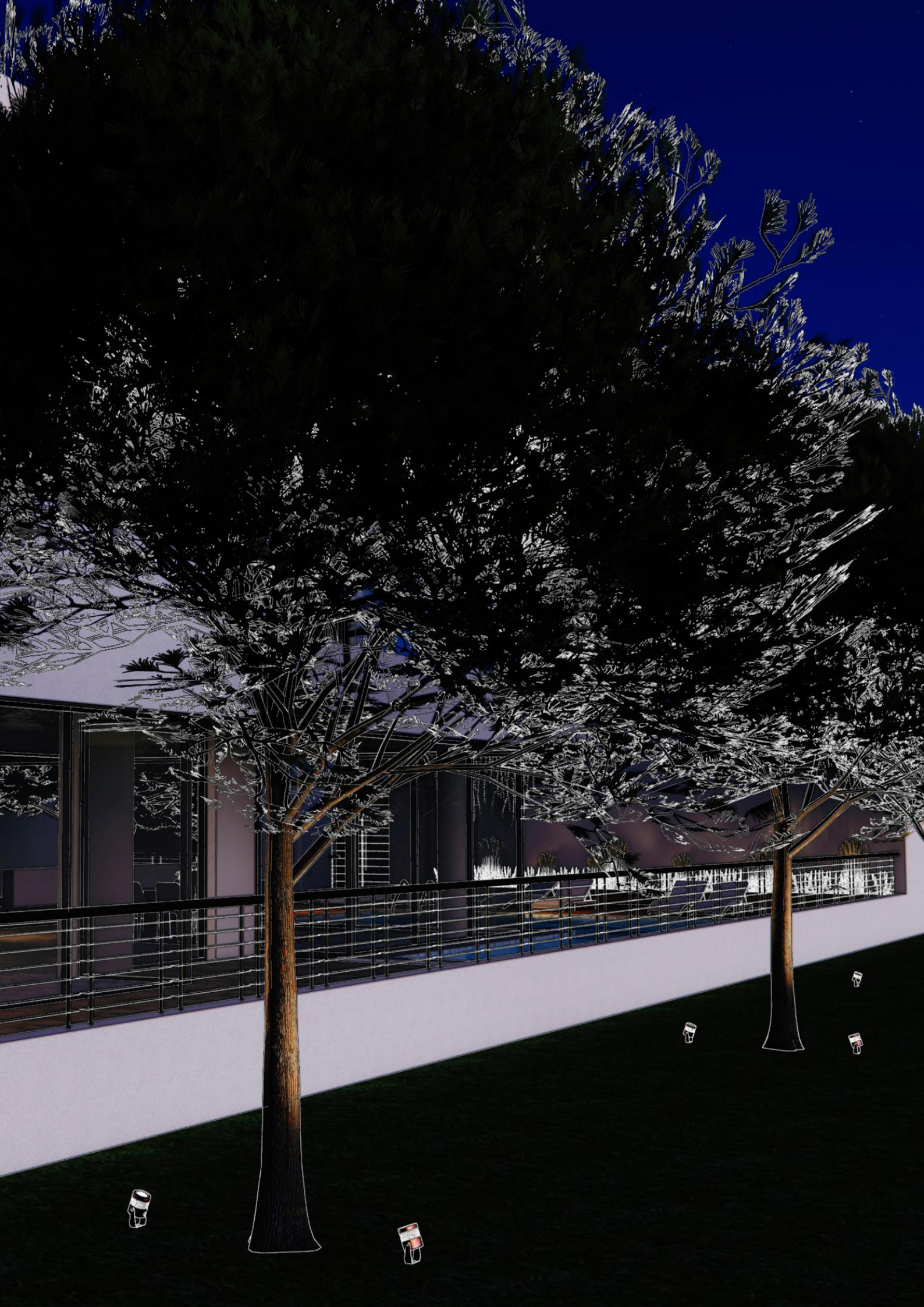
FLM00CCS0B0C00 - FLUMEN 1.0 2W BK9005 10° 2700K 24V 1,5m

Elios

['ɛ:ljos]

ELIOS, the versatile floodlight designed to elevate your lighting projects. Available in a variety of elegant finishes, ELIOS offers powerful illumination, perfect for highlighting plants or architectural facades. With the option to choose between white light in different color temperatures or a dynamic RGBW emission, and a range of narrow to wide optics, ELIOS adapts perfectly to any design style.

mizar

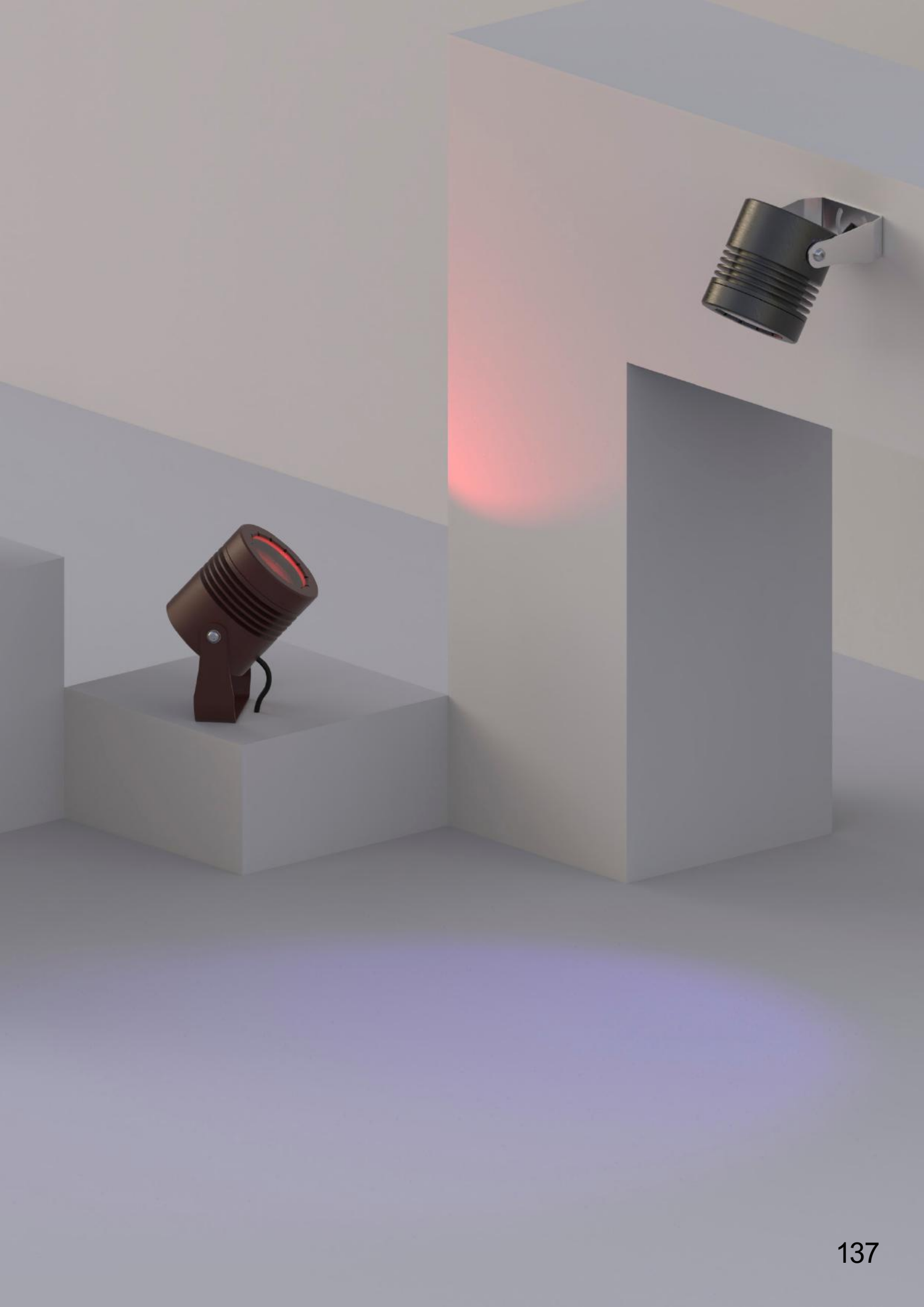


Elios

Elios 1.0

Elios 1.1
RGBW

mizar



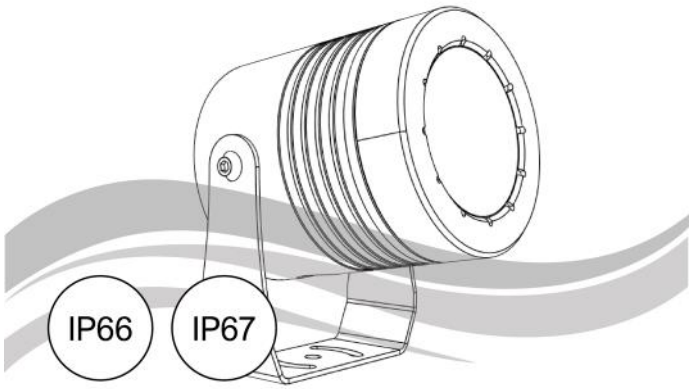
Elios / Product features

Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a “Made in Italy” product is an excellent build quality. ELIOS are turned from solid, anodized Anticorodal 6082 aluminum and coated with a protective primer, followed by epoxy polyester powder painting.
It is also available in a completely black anodised version, without powder coating.

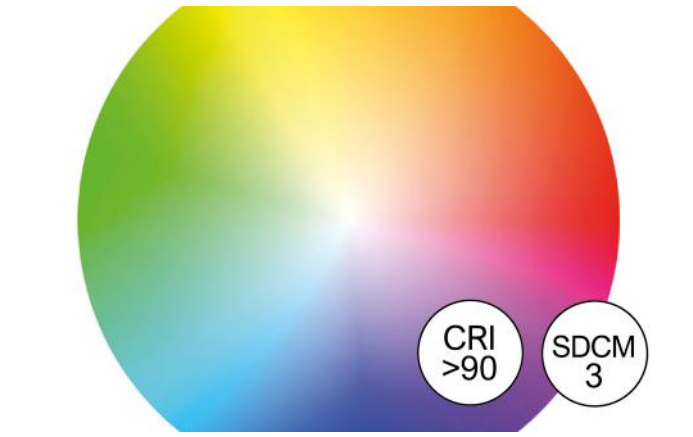
Corrosion resistance at the highest level

The care taken in the design and choice of materials enables the highest classes of the international ISO 9223 standard to be achieved. All ELIOS floodlights, are rated C5 (“Very High”).



Highest degrees of protection

ELIOS units are fully protected against the ingress of any type of dust (IP 6X) and are protected against temporary immersion for up to 30 minutes at a depth of 1 meter. The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa at a distance of 3 meters.

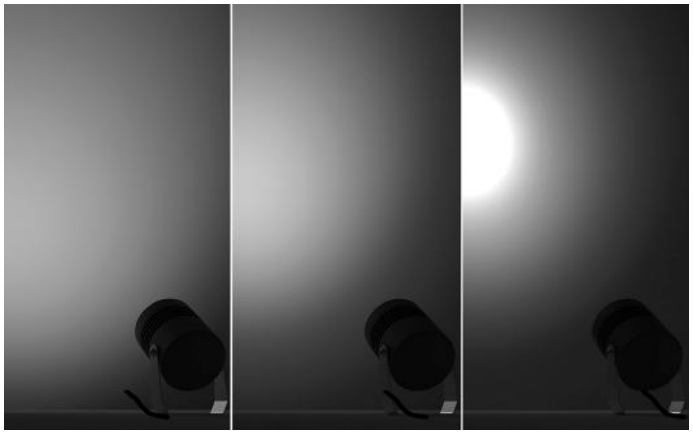


Faithful reproduction of colors

The ELIOS series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 3 value.

IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.

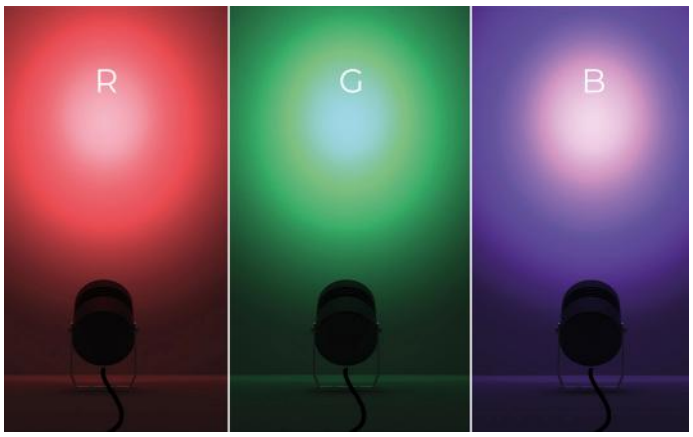


Wide range of optics and the importance of visual comfort

All ELIOS units can be equipped with narrow, medium, or wide optics. Maximum lighting design flexibility.
All ELIOS are designed with a lowered light source to reduce perceived glare. In addition, they can be configured by inserting optical optionals such as honeycomb, for the highest level of visual comfort.

Wide choice of color temperatures

The ELIOS series is offered with a wide range of color temperature options: 2700K , 3000K, 4000K.

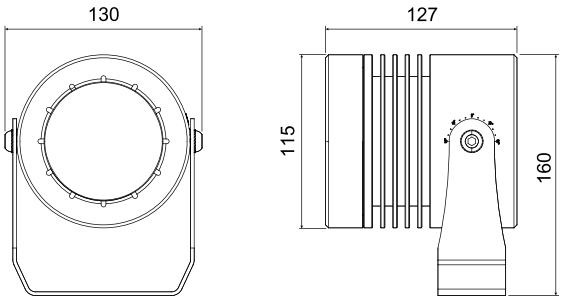


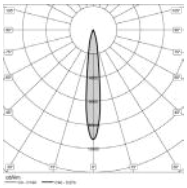
RGBW dynamic scenarios

The ELIOS series, in addition to different color temperatures, in ELIOS 1.1 models is available in versions equipped with RGBW sources, controlled in PWM (or DMX on request).

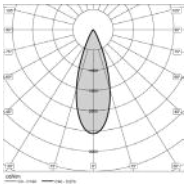
Technical data

Elios 1.0

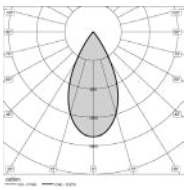




14°



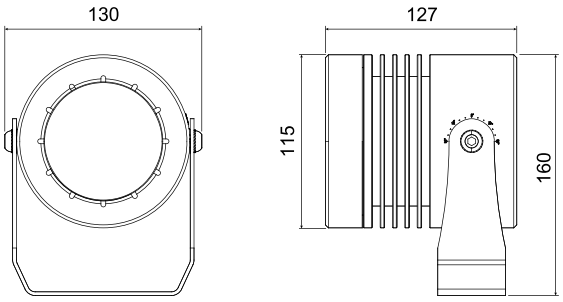
35°

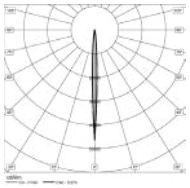


55°

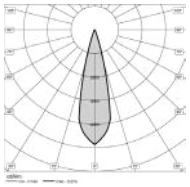
Source type	LED COB
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 1772 lm
Beam angle	14°
	35°
	55°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Anodization
	Epoxy polyester powder coating
Finishing colour	Black anodized
	Anthracite RAL7016
	White RAL9003
	Corten
	Green RAL6009
Bezel material	Anodized aluminium anticorodal 6082
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	20W
Input power type	Constant voltage 48V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Elios 1.1 RGBW

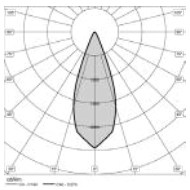




5°



26°



40°

Source type	LED multi-chip
CCT	RGBW (4000K)
CRI	>80
Step MacAdam	3
Lumen output	up to 599 lm
Beam angle	5°
	26°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Anodization
	Epoxy polyester powder coating
Finishing colour	Black anodized
	Anthracite RAL7016
	White RAL9003
	Corten
	Green RAL6009
Bezel material	Anodized aluminium anticorodal 6082
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	12mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	13W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes (PWM)
Cable type	FR5FOEM7-AD8 6x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Mounting kit	ELIOS 1.0 / 1.1	CEAZZZ017	Ground stake for large size floodlights

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	ELIOS 1.0	MID0032	Power supply DC 48V 100W 2,1A IP67 DALI2/PWM
Power supply	ELIOS 1.0	MID0033	Power supply DC 48V 160W 3,3A IP67 DALI2/PWM
Power supply	ELIOS 1.1	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	ELIOS 1.1	MID0021	Power supply DC 24V 24W 1A IP67 DALI
Power supply	ELIOS 1.1	MID0028	Power supply DC 24V 70W 2,9A IP67
Power supply	ELIOS 1.1	MID0029	Power supply DC 24V 150W 6,25A IP67
Power supply	ELIOS 1.1	MID0030	Power supply DC 24V 120W 5A IP67 DALI2/PWM
Power supply	ELIOS 1.1	MID0031	Power supply DC 24V 200W 5A IP67 DALI2/PWM
Control unit	ELIOS 1.1	MID0023	Control unit WT5 5 channels RGBW PWM/WiFi
Remote	ELIOS 1.1	MID1000	Remote RT5 RGB+CCT 1 zone RF 2.4GHZ
Touch panel	ELIOS 1.1	MID1001	Touch panel da parete TW5-4 RGB+CCT 4 zones

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
ELS00	ELIOS 1.0	**C**	2700K	**C**	CRI > 90	**S**	14°	**0**	None	**01**	Black anodized	**C**	1,5 m	**00**	Standard
		D	3000K			**M**	35°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	55°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										W0	White RAL9003				
ELS01	ELIOS 1.1	**P**	RGBW	**C**	CRI > 80	**S**	5°	**0**	None	**01**	Black anodized	**C**	1,5 m	**00**	Standard
						M	26°	**1**	Honeycomb	**CT**	Corten				
						L	40°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										W0	White RAL9003				
Configuration example															
ELS00		**C**		**C**		**S**		**0**		**01**		**C**		**00**	

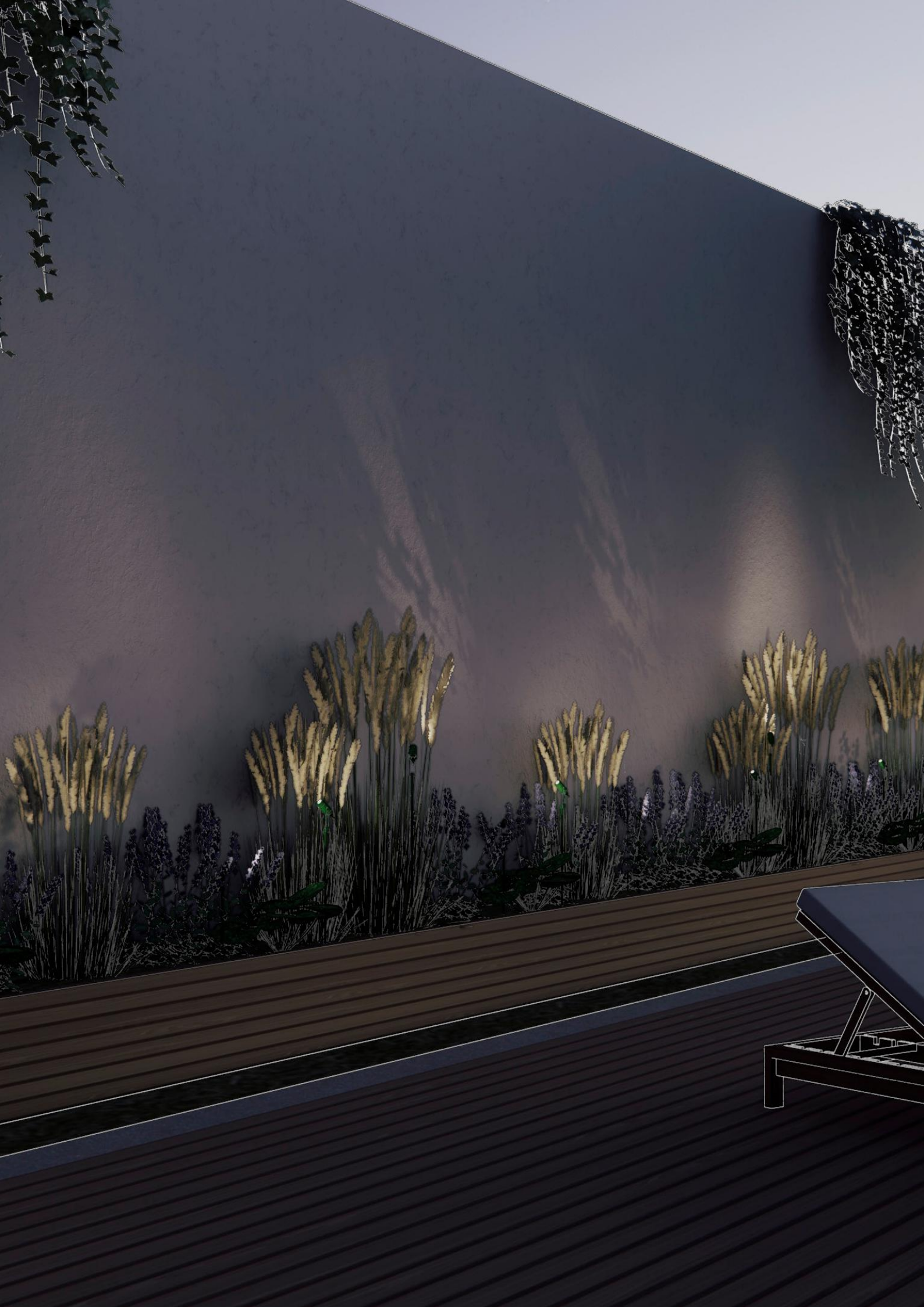
ELS00CCS001C00 - ELIOS 1.0 20W An. Black 14° 2700K 48V 1,5m

Iris

['i:ris]

IRIS, a family of compact, spike-mounted floodlights, designed to blend perfectly into nature, allowing the lighting effects to highlight the textures of leaves and the veins of plant stems. Featuring long stems, all with a RAL6009 green finish, IRIS fixtures blend perfectly into vegetation. With a wide choice of optics and color temperatures, IRIS offers endless possibilities for creating extraordinary effects for outdoor green areas.

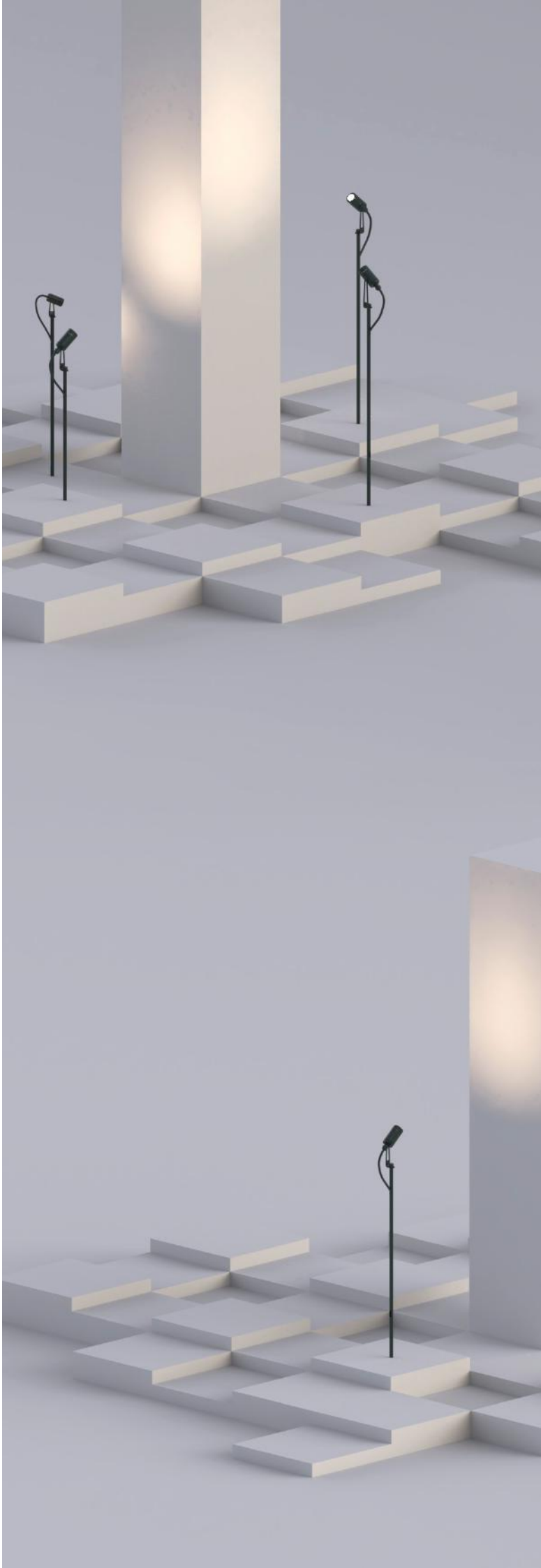
mizar

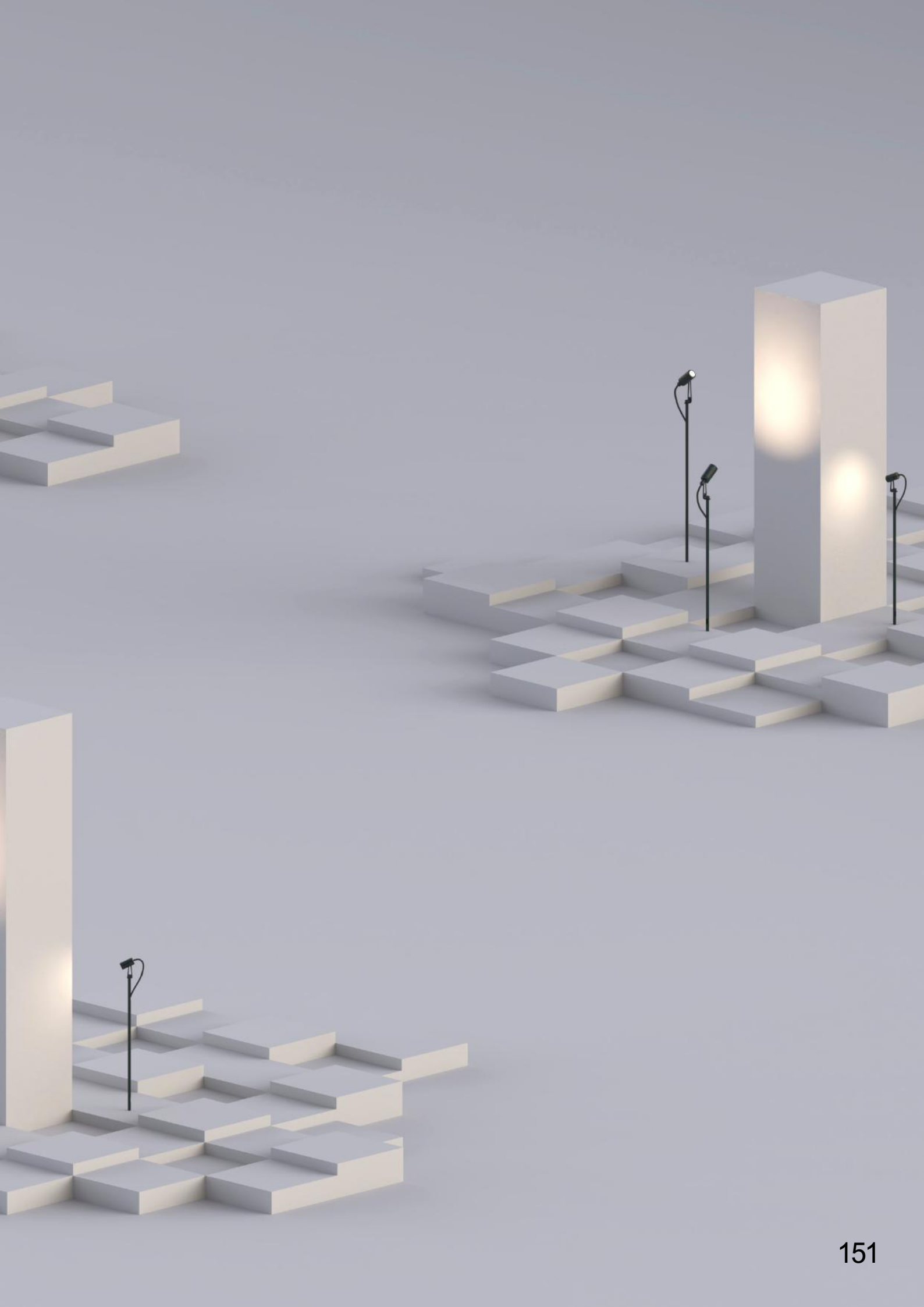


Iris

Iris 1.0

Iris 2.0





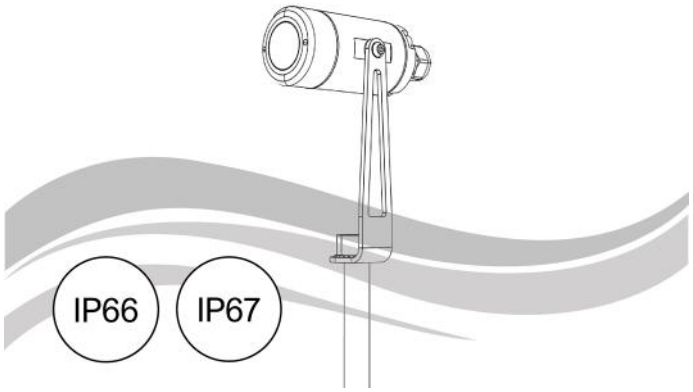
Iris / Product features

Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a “Made in Italy” product is an excellent build quality. IRIS are turned from solid, anodized Anticorodal 6082 aluminum and coated with a protective primer, followed by epoxy polyester powder painting.

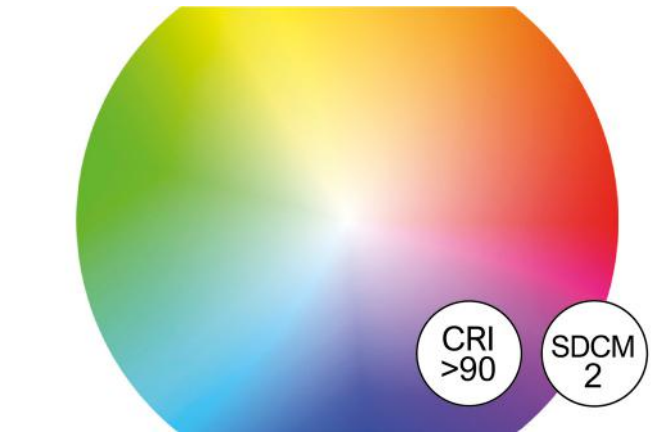
Corrosion resistance at the highest level

The care taken in the design and choice of materials enables the highest classes of the international ISO 9223 standard to be achieved. All IRIS are rated C5 (“Very High”).



Highest degrees of protection

IRIS are fully protected against the ingress of any type of dust (IP 6X) and protected against temporary immersion for up to 30 minutes at a depth of 1 meter (IP X7). The products are also tested against high-pressure water jets (IP X6), 100 liters per minute, at a pressure of 100 kPa at a distance of 3 m.

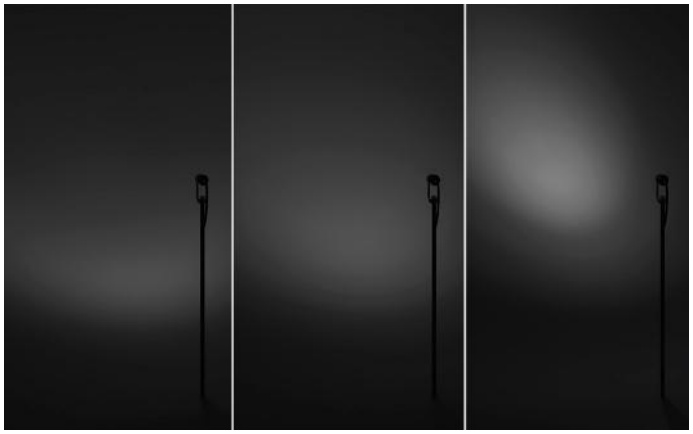


Faithful color reproduction

The IRIS series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 2 value.

IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Wide range of optics

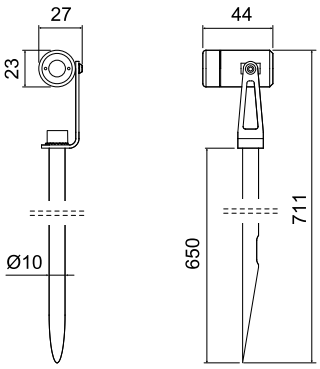
All IRIS can be equipped with narrow, medium or wide optics. Maximum lighting design flexibility.

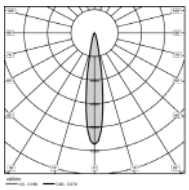
Wide choice of color temperatures

The IRIS series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with an extremely warm colour temperature (2200 K) are available.

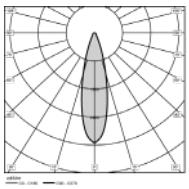
Technical data

Iris 1.0

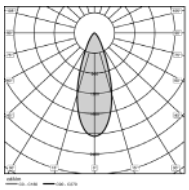




15°



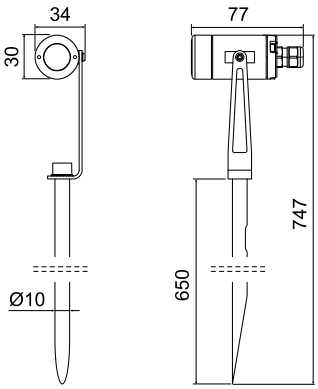
25°

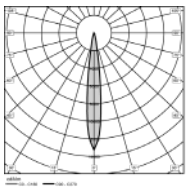


40°

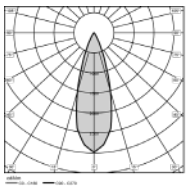
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 71 lm
Beam angle	15°
	25°
	40°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK09
Type of finishing	Epoxy polyester powder coating
Finishing colour	Green RAL6009
Bezel material	Anodized aluminium anticorodal 6082
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	4mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	1W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Iris 2.0

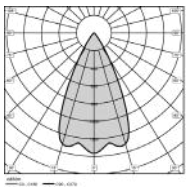




10°



36°



60°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10°
	36°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK07
Type of finishing	Epoxy polyester powder coating
Finishing colour	Green RAL6009
Bezel material	Anodized aluminium anticorodal 6082
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	IRIS 1.0 / 2.0	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	IRIS 1.0 / 2.0	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	IRIS 1.0 / 2.0	MID0021	Power supply DC 24V 24W 1A IP67 DALI

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
RRS01	IRIS 1.0	**C**	2700K	**C**	CRI > 90	**S**	15°	**0**	None	**E0**	Green RAL6009	**C**	1,5 m	**00**	Standard
		D	3000K			**M**	25°								
		F	4000K			**L**	40°								
RRS02	IRIS 2.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**E0**	Green RAL6009	**C**	**1,5 m**	**00**	Standard
		D	3000K			**M**	36°	**1**	Honeycomb						
		F	4000K			**L**	60°								
Configuration example															
RRS01		**C**		**C**		**S**		**0**		**E0**		**C**		**00**	

RRS01CCS0E0C00 - IRIS 1.0 650mm 1W GR6009 15° 2700K 24V 1,5m

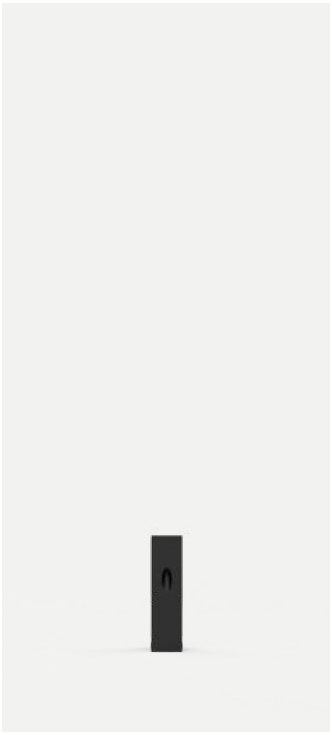
Lucis Bollard

[‘lu:tʃis] [‘bɔl.lard]

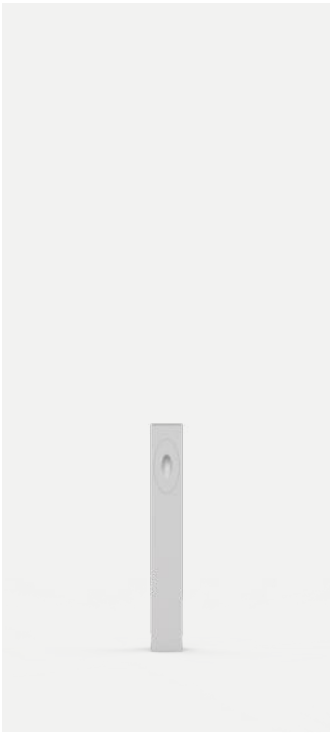
LUCIS BOLLARD, the combination of simplicity and effectiveness. Available in four different heights, this family of bollards is designed to pleasantly illuminate walkways, paths, gardens, and parks. The extruded aluminum body is protected by a polyester powder epoxy coating that guarantees corrosion resistance equivalent to 1500 hours in salt spray.

mizar

Lucis Bollard



Lucis Bollard 1.0

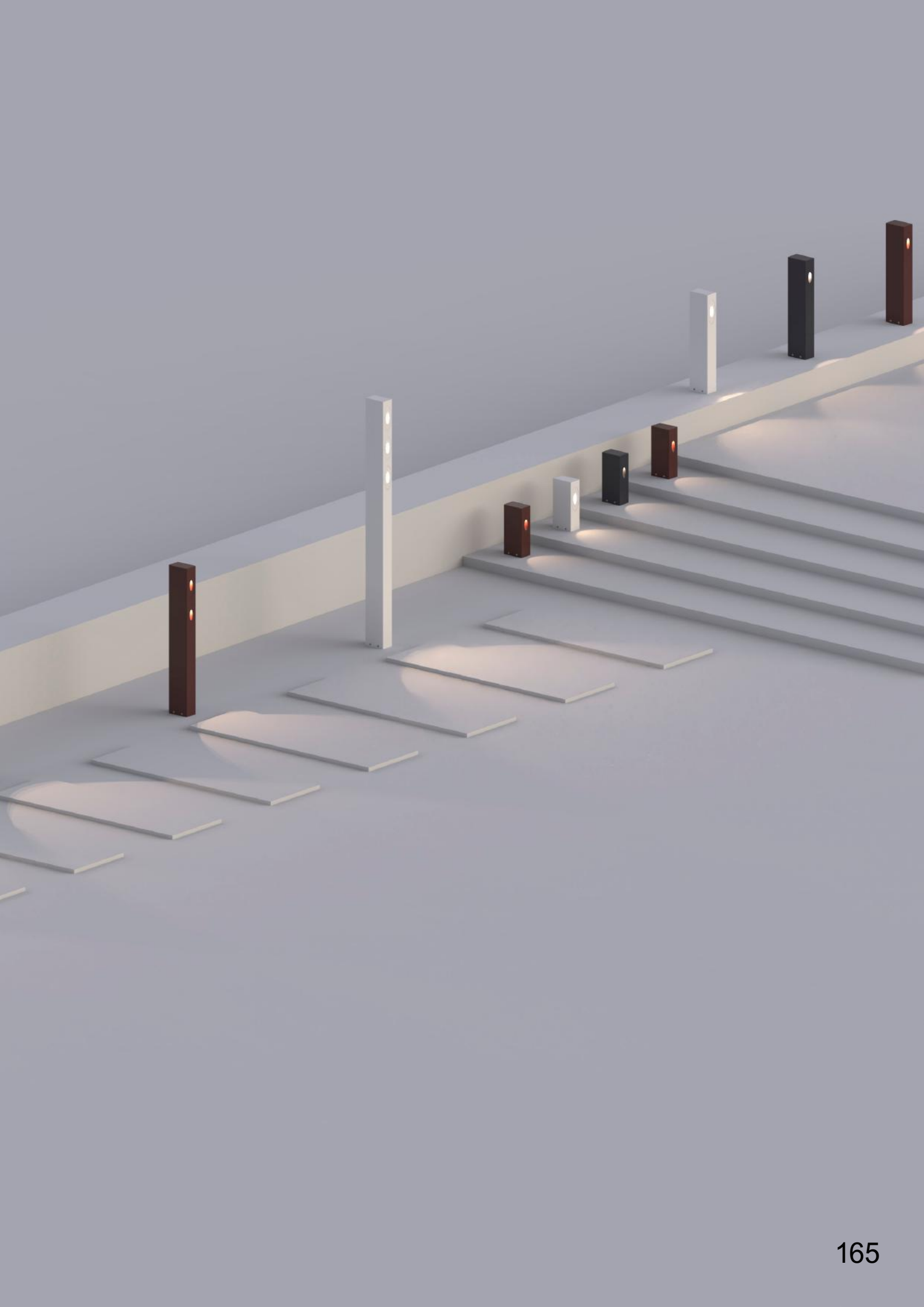


Lucis Bollard 1.1

Lucis Bollard 1.2

Lucis Bollard 1.3

mizar



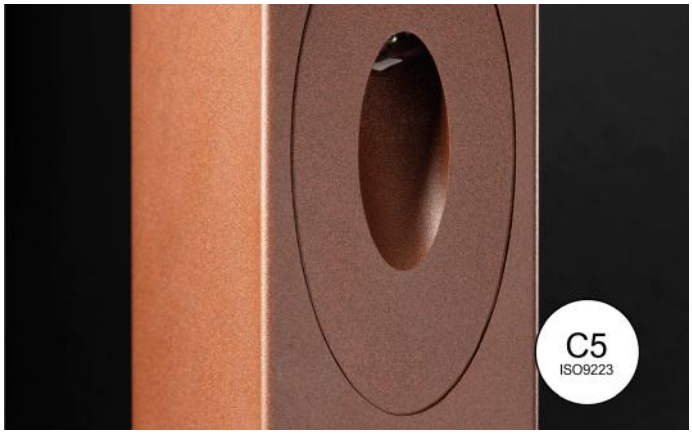
Lucis Bollard / Product features

Suitable for any context

Available in four different heights, LUCIS BOLLARD adapts with versatility to every context of use: from footpaths to gardens, from private entrances to public spaces. One aesthetic, multiple solutions.

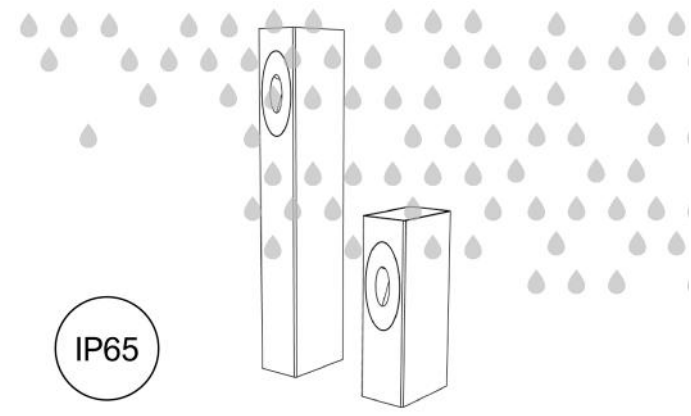
Construction quality as the first goal

At MIZAR we think that one of the first features of a “Made in Italy” product is an excellent build quality. The body of the LUCIS BOLLARD is made of 6082 anticorodal aluminum, extruded. Finishing carried out with primer followed by epoxy polyester powder painting, tested to withstand over 1500h in salt spray. The CNC-machined stainless steel base adds further reliability to the product.



Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All LUCIS BOLLARD are rated C5 (“Very High”).

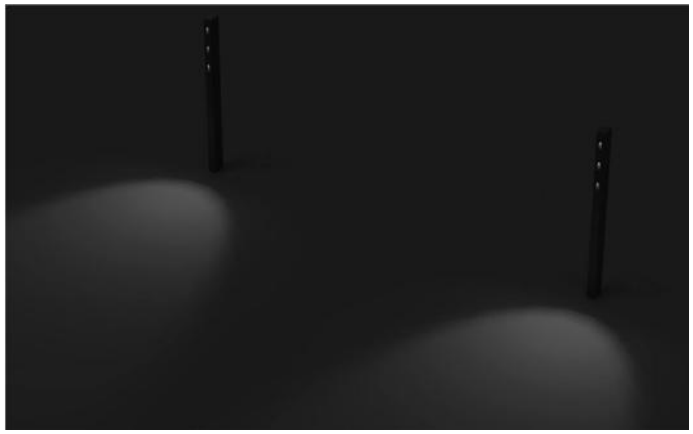


Highest degrees of protection

LUCIS BOLLARD are fully protected against the ingress of any type of dust (IP 6X). The products are also tested against water jets (IP X5). 12,5 litres per minute, at a pressure of 30 kPa, at a distance of 3 m.

IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.

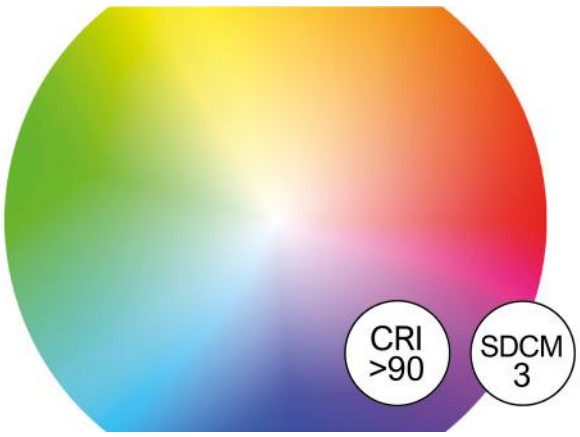


Modular asymmetrical optics

The modular core of LUCIS BOLLARDs allows you to choose the ideal height to make the most of the asymmetry of the optics.
In addition – upon request – light source placements can be customized. Possibly placing them on both sides of the bollard as well.

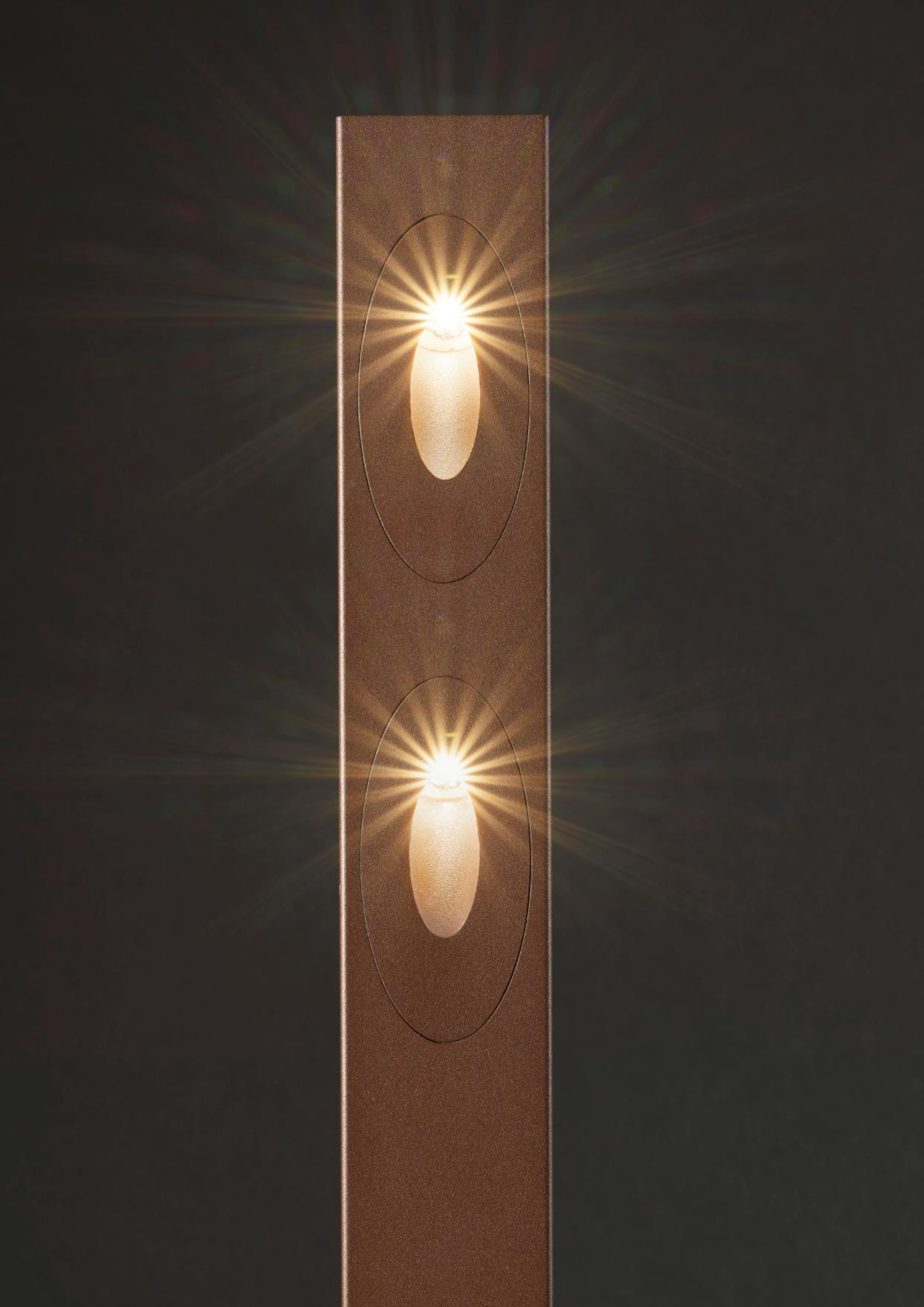
Wide choice of color temperatures

The LUCIS BOLLARD series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with extremely warm colour temperatures (2200 K) are available.



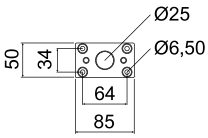
Faithful reproduction of colors

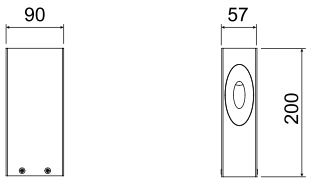
The LUCIS BOLLARD series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam value of 3.

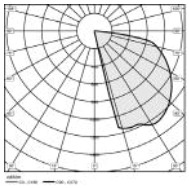


Technical data

Lucis Bollard 1.0



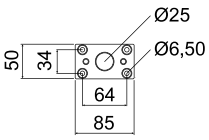


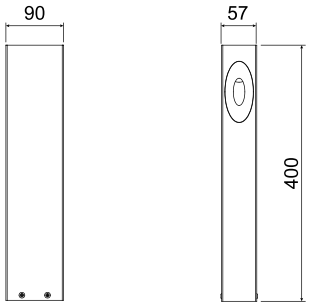


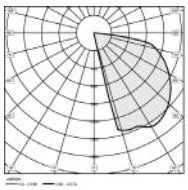
A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 22 lm
Beam angle	A34°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Idroskud® protection	Yes

Lucis Bollard 1.1



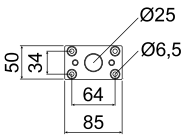


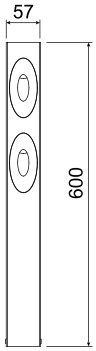


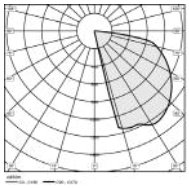
A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 22 lm
Beam angle	A34°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Idroskud® protection	Yes

Lucis Bollard 1.2



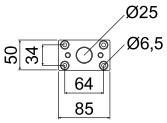


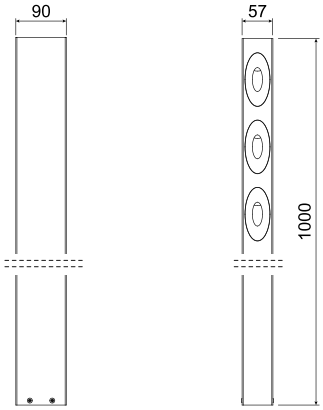


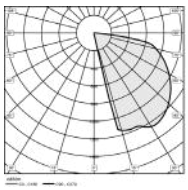
A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 44 lm
Beam angle	A34°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	4W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Idroskud® protection	Yes

Lucis Bollard 1.3







A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 66 lm
Beam angle	A34°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	6W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Mounting kit	LUCIS BOLLARD 1.0 / 1.1 / 1.2 / 1.3	LUCZZZ002	Kit jig + screws for ground installation
Mounting kit	LUCIS BOLLARD 1.0 / 1.1 / 1.2 / 1.3	LUCZZZ003	Kit jig + anchor bolts for ground installation

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
LUC04	LUCIS BOLLARD 1.0	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**CT**	Corten	**A**	0,15 m	**00**	Standard
		D	3000K							**G0**	Anthracite RAL7016				
		F	4000K							**W0**	White RAL9003				
LUC05	LUCIS BOLLARD 1.1	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**CT**	Corten	**A**	0,15 m	**00**	Standard
		D	3000K							**G0**	Anthracite RAL7016				
		F	4000K							**W0**	White RAL9003				
LUC06	LUCIS BOLLARD 1.2	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**CT**	Corten	**A**	0,15 m	**00**	Standard
		D	3000K							**G0**	Anthracite RAL7016				
		F	4000K							**W0**	White RAL9003				
LUC07	LUCIS BOLLARD 1.3	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**CT**	Corten	**A**	0,15 m	**00**	Standard
		D	3000K							**G0**	Anthracite RAL7016				
		F	4000K							**W0**	White RAL9003				

Configuration example

LUC04		**C**		**C**		**Z**		**0**		**CT**		**A**		**00**	

LUC04CCZ0CTA00 - LUCIS BOLLARD 1.0 2W Corten A34° 2700K 220V

Lucis

[‘lu:tʃis]

LUCIS is a compact and elegant step light, designed to enhance walkways, stairs, and embankments with discreet yet effective accent lighting. Designed to withstand weathering and corrosion, it is available in two different light outputs and multiple color temperatures. LUCIS is the ideal choice for urban and residential contexts where functionality and aesthetic appeal go hand in hand.

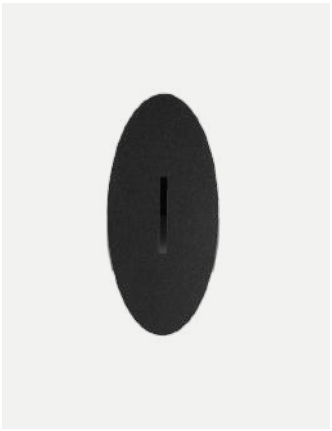
mizar

Lucis

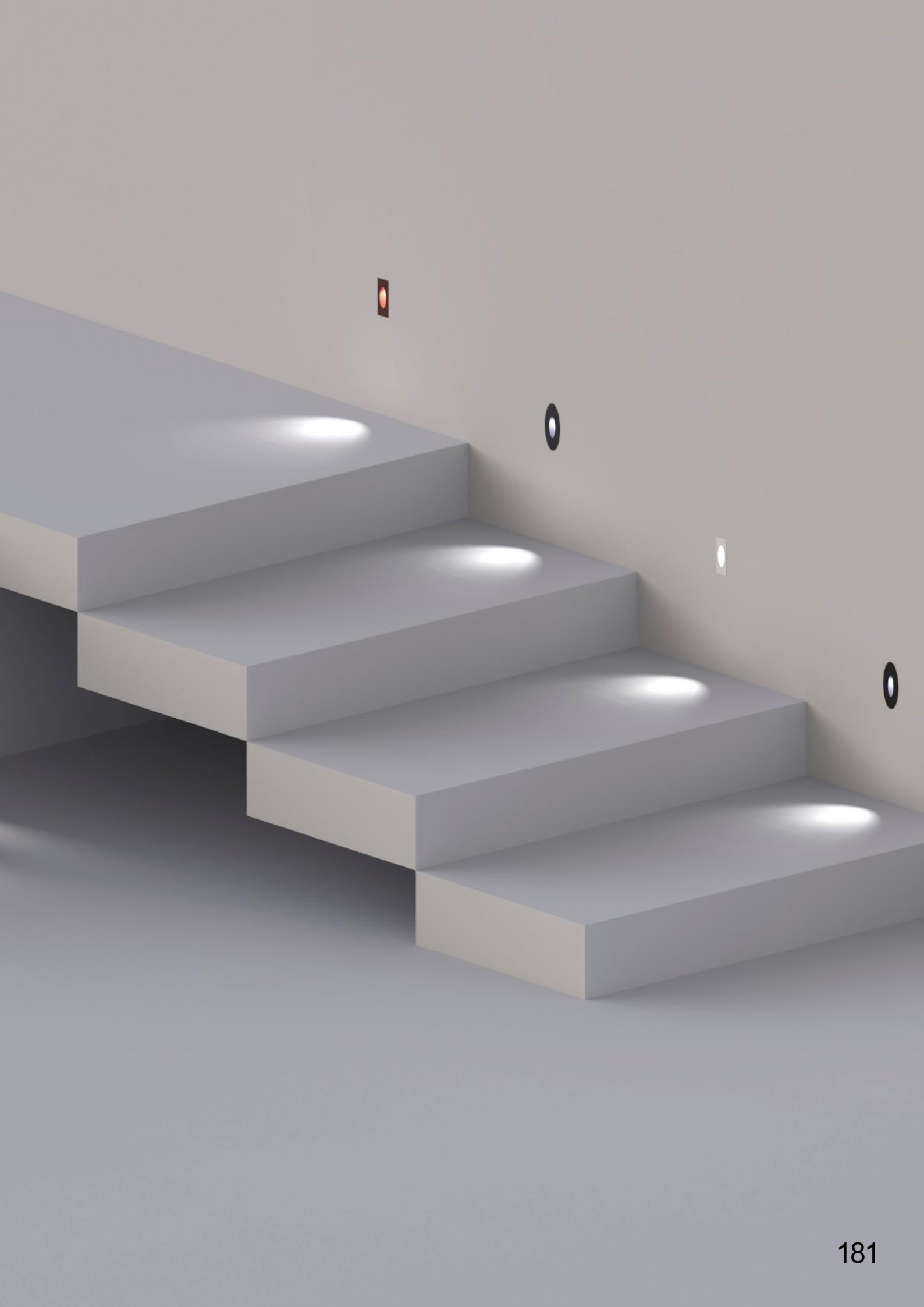
Lucis 1.0

Lucis 1.1

Lucis 2.0



Lucis 2.1



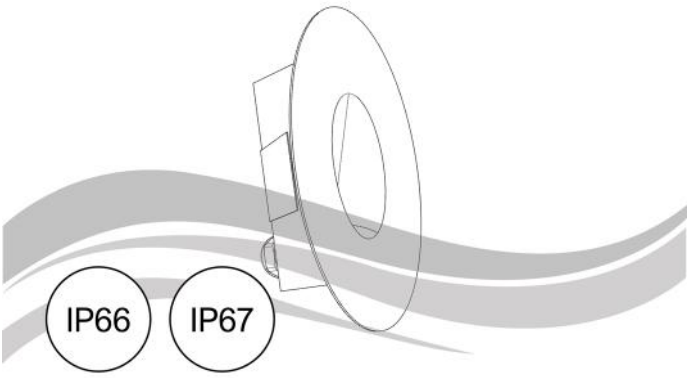
Lucis / Product features

Construction quality as the first goal

At MIZAR we think that one of the first features of a “Made in Italy” product is an excellent build quality. The body of the LUCIS is made of 6082 anticorodal aluminum, CNC-machined from solid. Finishing carried out with primer followed by epoxy polyester powder painting, tested to withstand over 1500h in salt spray.

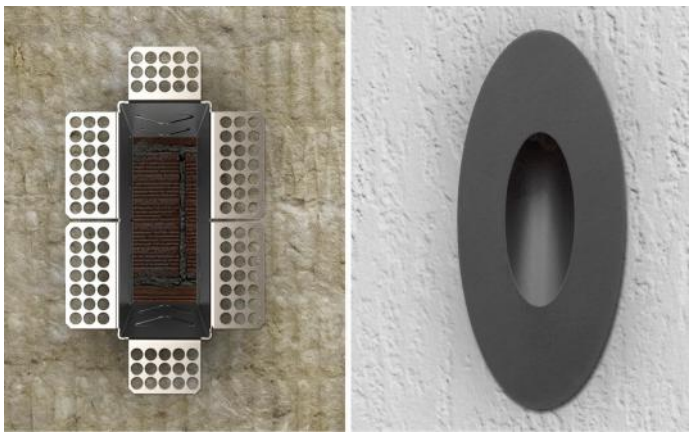
Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All LUCIS are rated C5 (“Very High”).



Highest degrees of protection

LUCIS are fully protected against the ingress of any type of dust (IP 6X) and protected against temporary immersion for up to 30 minutes, to a depth of 1 metre (IP X7). The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa, at a distance of 3 m.

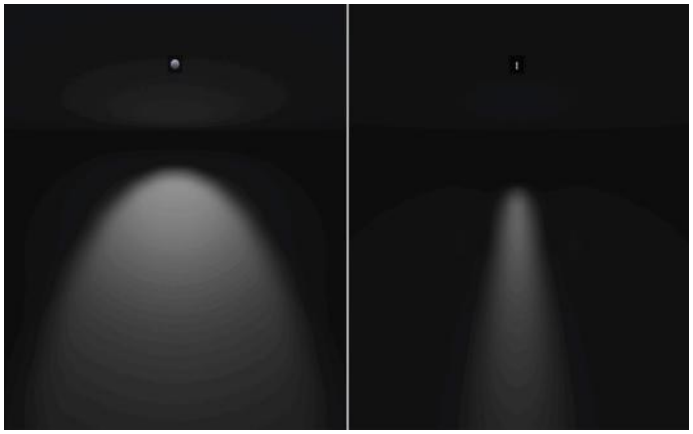


Modern in installation too

The LUCIS series is complete with accessories for installation on any material, including outercases specifically designed for quick and easy fixing on walls where thermal insulation is present.

IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.

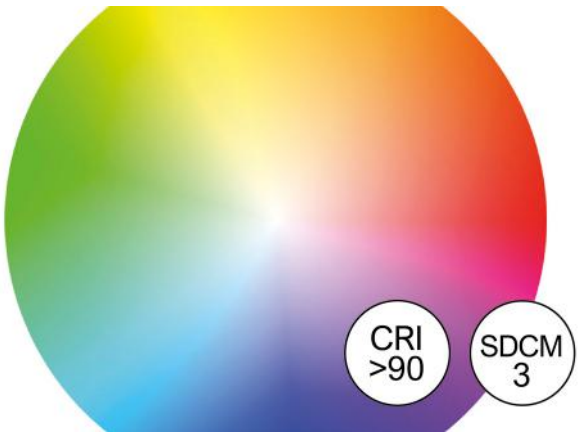


The same product with two different personalities

LUCIS comes with two light distribution option. You can choose the oval optic, for a wider and softer effect. Or the “blade” optic, for a more distinctive and accent distribution.

Wide choice of color temperatures

The LUCIS series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with extremely warm colour temperatures (2200 K) are available.

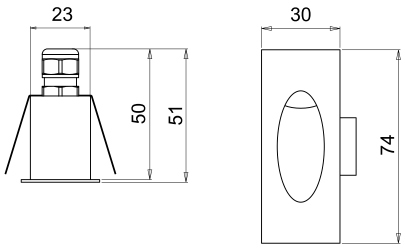


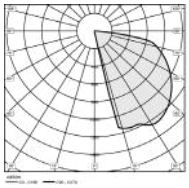
Faithful reproduction of colors

The LUCIS series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam value of 3.

Technical data

Lucis 1.0

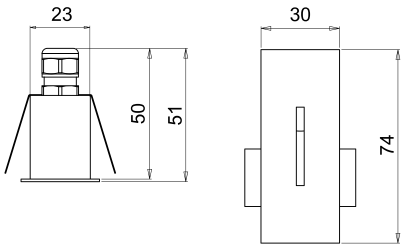


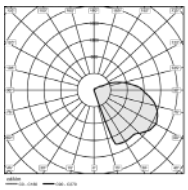


A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 22 lm
Beam angle	A35°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Lucis 1.1

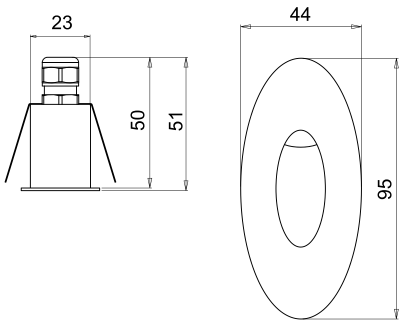


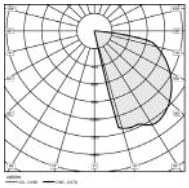


Blade

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 18 lm
Beam angle	Blade
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Lucis 2.0

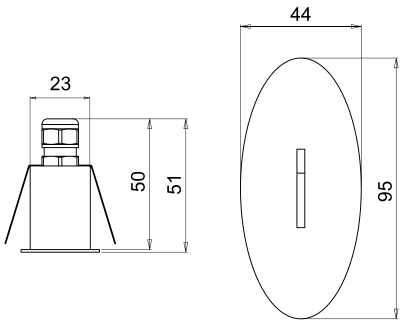


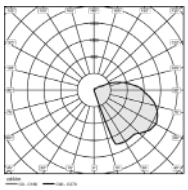


A34°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 22 lm
Beam angle	A34°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Lucis 2.1





Blade

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 18 lm
Beam angle	Blade
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
Body material	Anodized aluminium anticorodal 6082
Diffuser material	Polyurethane resin
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Recessed box	LUCIS 1.0 / 1.1 / 2.0 / 2.1	LUCZZZ000	Galvanized steel wall recessed box
Recessed box	LUCIS 1.0 / 1.1 / 2.0 / 2.1	LUCZZZ001	Galvanized steel thermal wall coating recessed box

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	LUCIS 1.0 / 1.1 / 2.0 / 2.1	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	LUCIS 1.0 / 1.1 / 2.0 / 2.1	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	LUCIS 1.0 / 1.1 / 2.0 / 2.1	MID0021	Power supply DC 24V 24W 1A IP67 DALI

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
LUC00	LUCIS 1.0	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**B0**	Black RAL9005	**A**	0,4 m	**00**	Standard
		D	3000K							**CT**	Corten				
		F	4000K							**G0**	Anthracite RAL7016				
										W0	White RAL9003				
LUC01	LUCIS 1.1	**C**	2700K	**C**	CRI > 90	**Z**	Blade	**0**	None	**B0**	Black RAL9005	**A**	0,4 m	**00**	Standard
		D	3000K							**CT**	Corten				
		F	4000K							**G0**	Anthracite RAL7016				
										W0	White RAL9003				
LUC02	LUCIS 2.0	**C**	2700K	**C**	CRI > 90	**Z**	A34°	**0**	None	**B0**	Black RAL9005	**A**	0,4 m	**00**	Standard
		D	3000K							**CT**	Corten				
		F	4000K							**G0**	Anthracite RAL7016				
										W0	White RAL9003				
LUC03	LUCIS 2.1	**C**	2700K	**C**	CRI > 90	**Z**	Blade	**0**	None	**B0**	Black RAL9005	**A**	0,4 m	**00**	Standard
		D	3000K							**CT**	Corten				
		F	4000K							**G0**	Anthracite RAL7016				
										W0	White RAL9003				
Configuration example															
LUC00		**C**		**C**		**Z**		**0**		**B0**		**A**		**00**	

LUC00CCZ0B0A00 - LUCIS 1.0 2W BK9005 A34° 2700K 24V

Forma

[‘fɔr.ma]

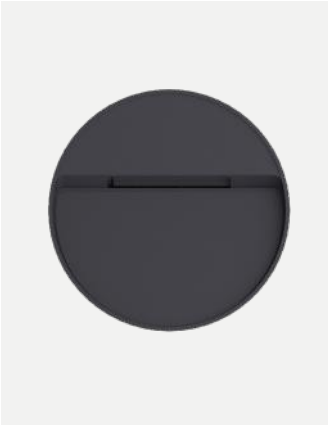
FORMA, the innovative modular step light designed for maximum customization. Its LED engine, compatible with standard junction boxes, can be combined with a variety of die-cast finishes. In addition, the reflector, magnetically attached to the body, offers the freedom to customize it or replace it effortlessly, making FORMA a truly adaptable lighting solution.

mizar

Forma

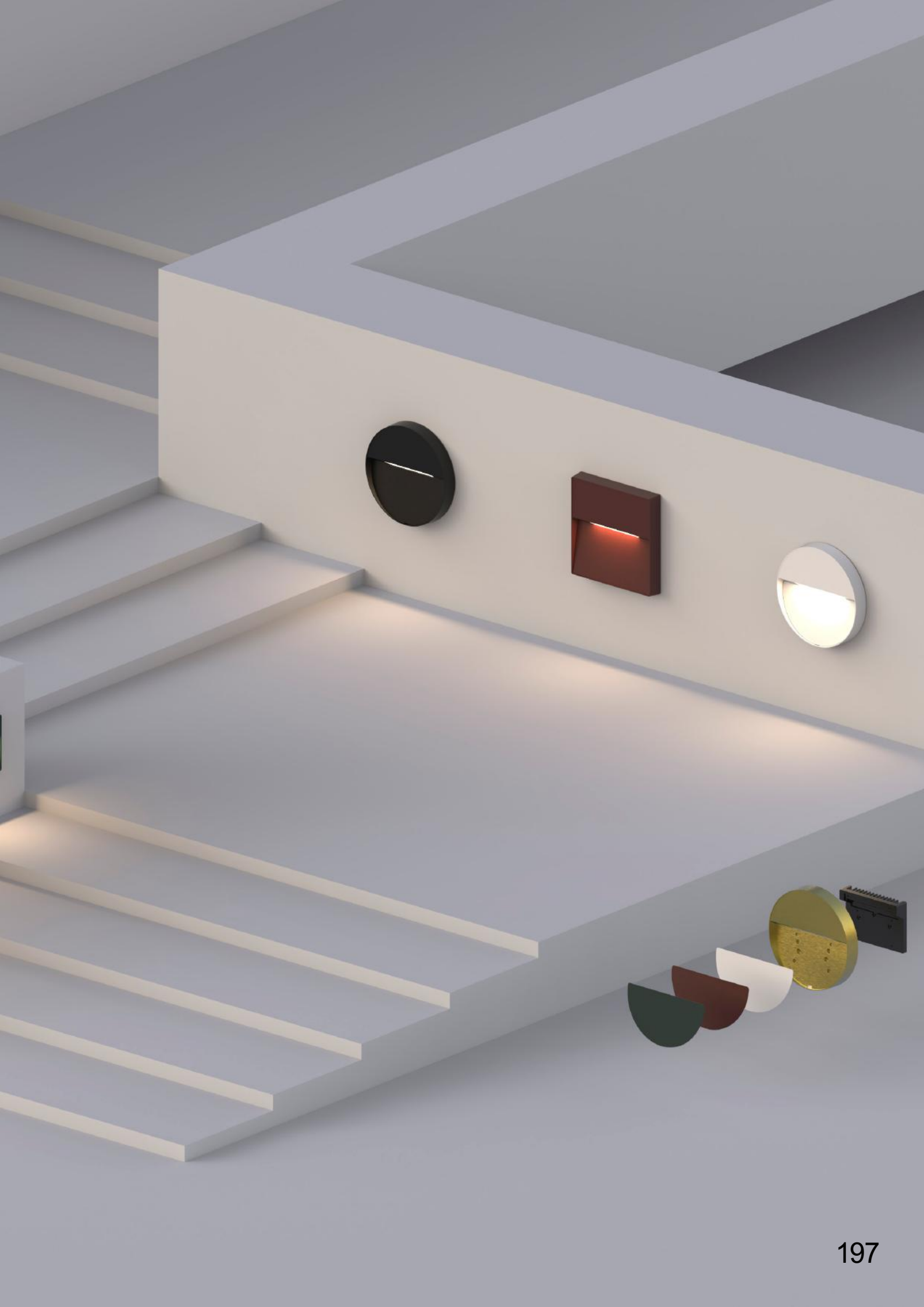
Forma 1.0

Forma 1.1

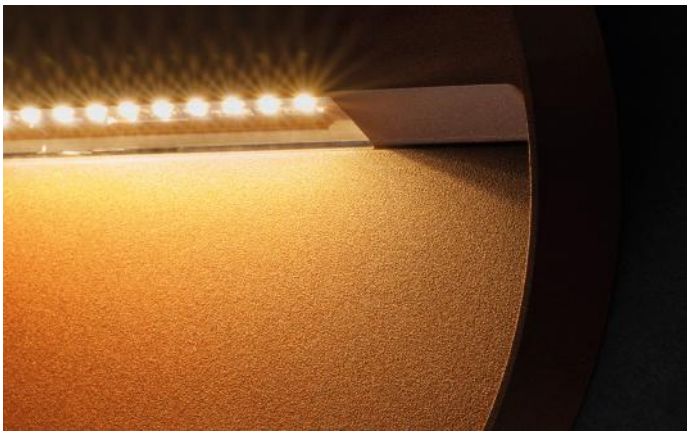


Forma 2.0

Forma 2.1



Forma / Product features

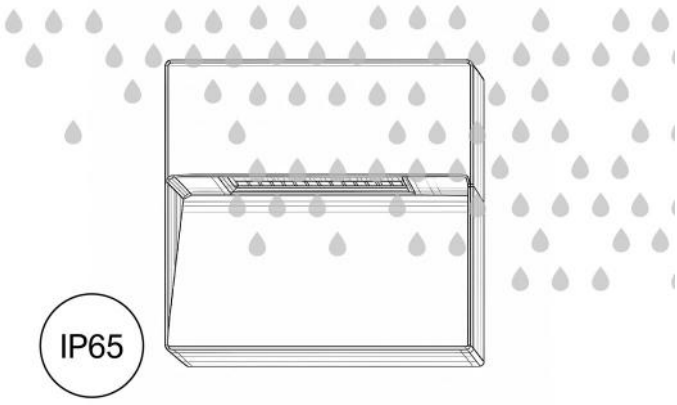


Construction quality as the first goal

At MIZAR we think that one of the first features of a “Made in Italy” product is an excellent build quality. The body of the FORMA is made of EN AB46100 die-cast aluminum. Finishing carried out with primer followed by epoxy polyester powder painting, tested to withstand over 1500h in salt spray.

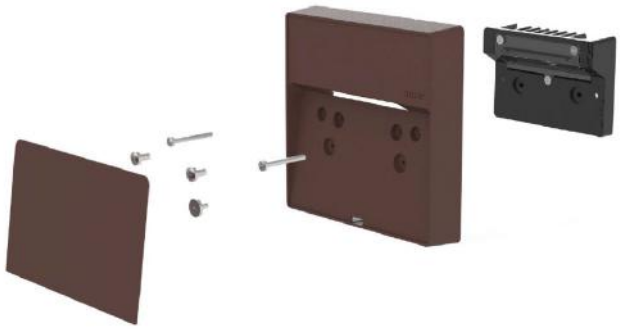
Corrosion resistance at the highest level

The care taken in the design and choice of materials makes it possible to achieve the highest classes of the international ISO 9223 standard. All FORMA are rated C5 (“Very High”).



Highest degrees of protection

FORMA are fully protected against the ingress of any type of dust (IP 6X). The products are also tested against water jets (IP X5). 12,5 litres per minute, at a pressure of 30 kPa at a distance of 3 m.

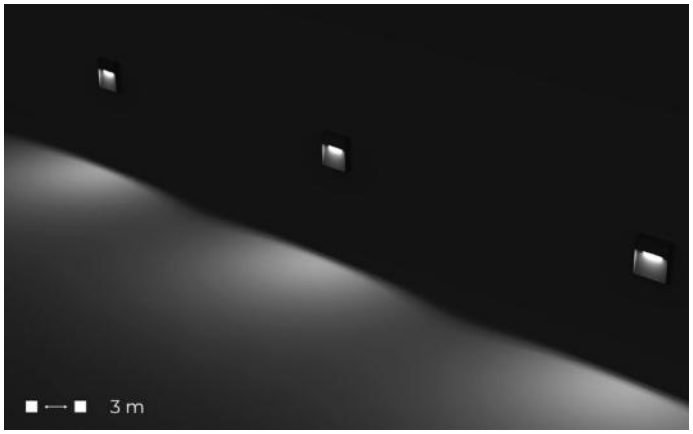


Innovative and modular installation

The FORMA series has been designed for installation directly on 503 junction boxes for the small models and 506-type for the large ones. The ideal product for quick and easy mounting on any wall covering. Depending on the chosen size, it is possible to change the shape of the cover (round or square) without needing to replace the core unit or modify the wiring.

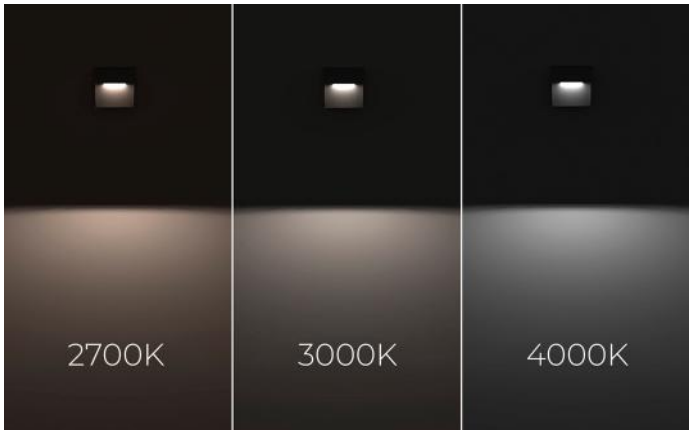
IdroSkud ®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Performing asymmetric optic

The size of the reflector and the light source tilting are specifically designed to give FORMA an asymmetrical performance.
It results in excellent uniformity even at high interdistances.



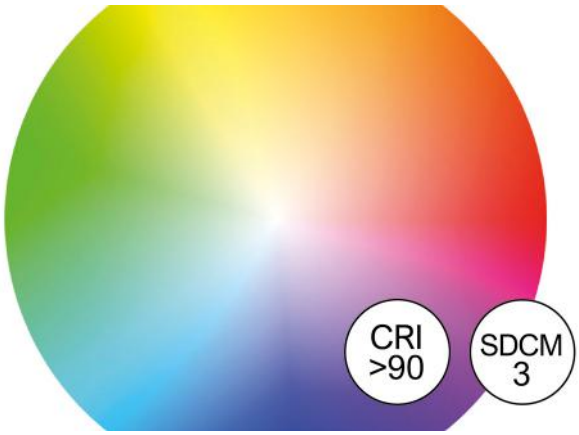
Wide choice of color temperatures

The FORMA series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with extremely warm colour temperatures (2200 K) are available.

Fully customizable

FORMA has a front plate that can be easily removed and customized, thanks to a magnetic attachment system. Customization can be done through laser engraving to recreate images, logos, or patterns. It can be painted in contrast or coated with another material of choice, while maintaining the same properties of weather resistance and durability over time.

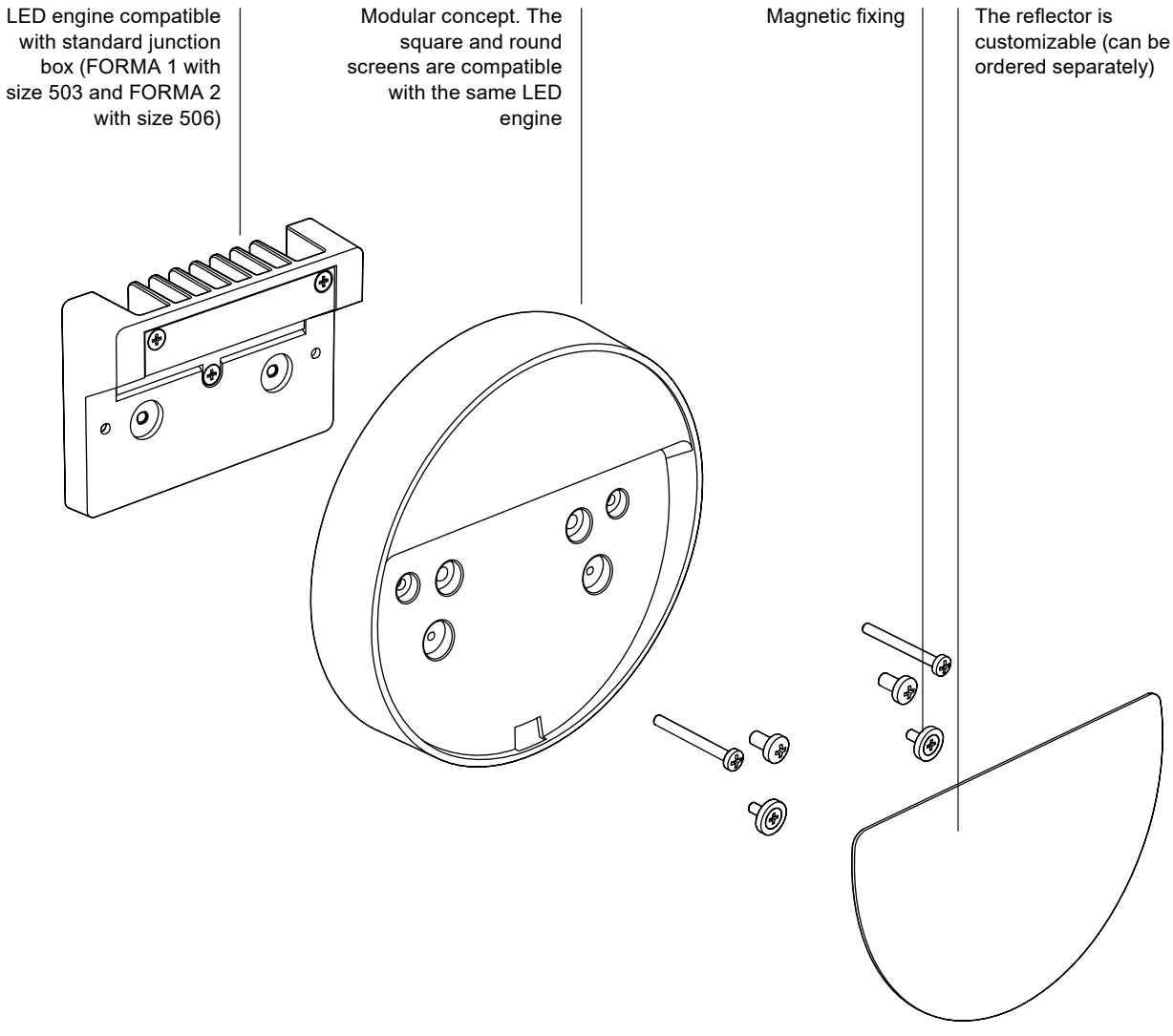
Forma / Product features



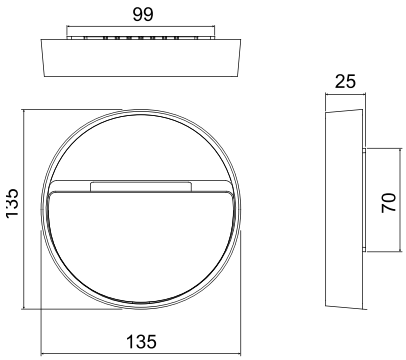
Faithful reproduction of colors

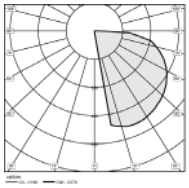
The FORMA series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam value of 3.

Construction detailed view



Forma 1.0

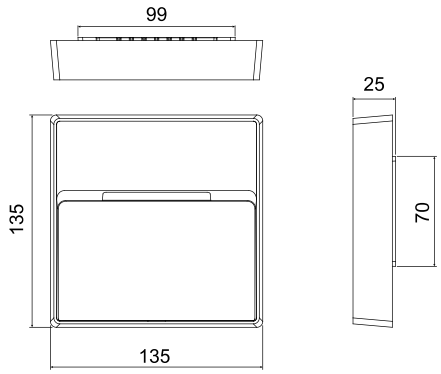


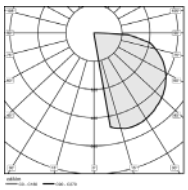


A26°

Source type	SMD LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 389 lm
Beam angle	A26°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	UV-stabilised polycarbonate
Diffuser thickness	2mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	5W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Forma 1.1

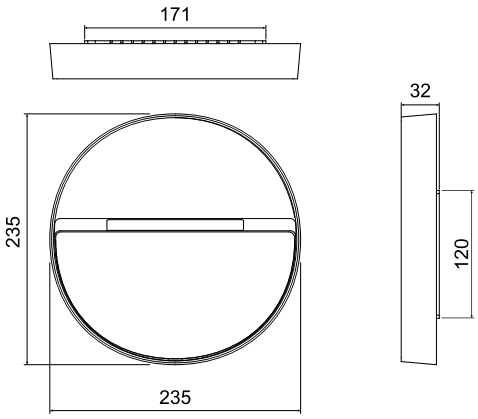


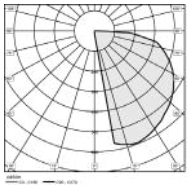


A26°

Source type	SMD LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 355 lm
Beam angle	A26°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	UV-stabilised polycarbonate
Diffuser thickness	2mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	5W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Forma 2.0

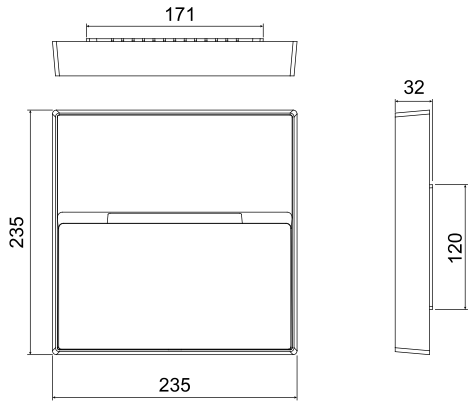


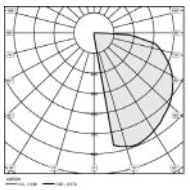


A26°

Source type	SMD LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 758 lm
Beam angle	A26°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	UV-stabilised polycarbonate
Diffuser thickness	2mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	10W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Forma 2.1





A26°

Source type	SMD LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 725 lm
Beam angle	A26°
Optical optional	None
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	UV-stabilised polycarbonate
Diffuser thickness	2mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	10W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	FR5FOEM7-AD8 2x0,5 mm²
Electrical connection	Parallel
Idroskud® protection	Yes

Accessories

Type	Model	Code	Description
Cover	FORMA 1.0	FRM01ZZZ1CTZ00	Cover Corten
Cover	FORMA 1.0	FRM01ZZZ1E0Z00	Cover GR6009
Cover	FORMA 1.0	FRM01ZZZ1G0Z00	Cover AN7016
Cover	FORMA 1.0	FRM01ZZZ1PRZ00	Cover Primer
Cover	FORMA 1.0	FRM01ZZZ1W0Z00	Cover WH9003
Reflector	FORMA 1.0	FRM01ZZZ2CTZ00	Reflector Corten
Reflector	FORMA 1.0	FRM01ZZZ2E0Z00	Reflector GR6009
Reflector	FORMA 1.0	FRM01ZZZ2G0Z00	Reflector AN7016
Reflector	FORMA 1.0	FRM01ZZZ2PRZ00	Reflector Primer
Reflector	FORMA 1.0	FRM01ZZZ2W0Z00	Reflector WH9003
Cover	FORMA 1.1	FRM02ZZZ1CTZ00	Cover Corten
Cover	FORMA 1.1	FRM02ZZZ1E0Z00	Cover GR6009
Cover	FORMA 1.1	FRM02ZZZ1G0Z00	Cover AN7016
Cover	FORMA 1.1	FRM02ZZZ1PRZ00	Cover Primer
Cover	FORMA 1.1	FRM02ZZZ1W0Z00	Cover WH9003
Reflector	FORMA 1.1	FRM02ZZZ2CTZ00	Reflector Corten
Reflector	FORMA 1.1	FRM02ZZZ2E0Z00	Reflector GR6009
Reflector	FORMA 1.1	FRM02ZZZ2G0Z00	Reflector AN7016
Reflector	FORMA 1.1	FRM02ZZZ2PRZ00	Reflector Primer
Reflector	FORMA 1.1	FRM02ZZZ2W0Z00	Reflector WH9003
LED engine	FORMA 1.0 / 1.1	FRM10CCZ000A00	LED engine size 1 2700K
LED engine	FORMA 1.0 / 1.1	FRM10DCZ000A00	LED engine size 1 3000K
LED engine	FORMA 1.0 / 1.1	FRM10FCZ000A00	LED engine size 1 4000K
Cover	FORMA 2.0	FRM04ZZZ1CTZ00	Cover Corten
Cover	FORMA 2.0	FRM04ZZZ1E0Z00	Cover GR6009
Cover	FORMA 2.0	FRM04ZZZ1G0Z00	Cover AN7016
Cover	FORMA 2.0	FRM04ZZZ1PRZ00	Cover Primer
Cover	FORMA 2.0	FRM04ZZZ1W0Z00	Cover WH9003
Reflector	FORMA 2.0	FRM04ZZZ2CTZ00	Reflector Corten
Reflector	FORMA 2.0	FRM04ZZZ2E0Z00	Reflector GR6009
Reflector	FORMA 2.0	FRM04ZZZ2G0Z00	Reflector AN7016
Reflector	FORMA 2.0	FRM04ZZZ2PRZ00	Reflector Primer
Reflector	FORMA 2.0	FRM04ZZZ2W0Z00	Reflector WH9003
Cover	FORMA 2.1	FRM05ZZZ1CTZ00	Cover Corten
Cover	FORMA 2.1	FRM05ZZZ1E0Z00	Cover GR6009
Cover	FORMA 2.1	FRM05ZZZ1G0Z00	Cover AN7016
Cover	FORMA 2.1	FRM05ZZZ1PRZ00	Cover Primer
Cover	FORMA 2.1	FRM05ZZZ1W0Z00	Cover WH9003
Reflector	FORMA 2.1	FRM05ZZZ2CTZ00	Reflector Corten
Reflector	FORMA 2.1	FRM05ZZZ2E0Z00	Reflector GR6009
Reflector	FORMA 2.1	FRM05ZZZ2G0Z00	Reflector AN7016
Reflector	FORMA 2.1	FRM05ZZZ2PRZ00	Reflector Primer
Reflector	FORMA 2.1	FRM05ZZZ2W0Z00	Reflector WH9003
LED engine	FORMA 2.0 / 2.1	FRM20CCZ000A00	LED engine size 2 2700K
LED engine	FORMA 2.0 / 2.1	FRM20DCZ000A00	LED engine size 2 3000K
LED engine	FORMA 2.0 / 2.1	FRM20FCZ000A00	LED engine size 2 4000K

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
FRM01	FORMA 1.0	**C**	2700K	**C**	CRI > 90	**Z**	A26°	**0**	None	**CT**	Corten	**A**	0,4 m	**00**	Standard
		D	3000K							**E0**	Green RAL6009				
		F	4000K							**G0**	Anthracite RAL7016				
										PR	Paintable primer				
										W0	White RAL9003				
FRM02	FORMA 1.1	**C**	2700K	**C**	CRI > 90	**Z**	A26°	**0**	None	**CT**	Corten	**A**	0,4 m	**00**	Standard
		D	3000K							**E0**	Green RAL6009				
		F	4000K							**G0**	Anthracite RAL7016				
										PR	Paintable primer				
										W0	White RAL9003				
FRM04	FORMA 2.0	**C**	2700K	**C**	CRI > 90	**Z**	A26°	**0**	None	**CT**	Corten	**A**	0,4 m	**00**	Standard
		D	3000K							**E0**	Green RAL6009				
		F	4000K							**G0**	Anthracite RAL7016				
										PR	Paintable primer				
										W0	White RAL9003				
FRM05	FORMA 2.1	**C**	2700K	**C**	CRI > 90	**Z**	A26°	**0**	None	**CT**	Corten	**A**	0,4 m	**00**	Standard
		D	3000K							**E0**	Green RAL6009				
		F	4000K							**G0**	Anthracite RAL7016				
										PR	Paintable primer				
										W0	White RAL9003				

Configuration example

FRM01		**C**		**C**		**Z**		**0**		**CT**		**A**		**00**	

FRM01CCZ0CTA00 - FORMA 1.0 5W Corten A25° 2700K 24V

Power supplies

Consult the power supply table on the Mizar website in the Download section

Type	Model	Code	Description
Power supply	FORMA 1.0 / 1.1 / 2.0 / 2.1	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	FORMA 1.0 / 1.1 / 2.0 / 2.1	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	FORMA 1.0 / 1.1 / 2.0 / 2.1	MID0021	Power supply DC 24V 24W 1A IP67 DALI

Quantum

['kwan.tum]

QUANTUM, the iconic series of hourglass-shaped lighting fixtures with models suitable for every type of installation: wall-mounted, ceiling-mounted, rigid suspension ("tige") and floodlight. Designed to be perfectly coordinated in large projects, QUANTUM combines its distinctive style with a wide choice of color temperatures, optics and sizes ensuring versatility and elegance in every application.

mizar

Quantum

Quantum Flood 1.0

Quantum Flood 2.0

Quantum 1.1

Quantum 1.2

Quantum 2.1

Quantum 2.2

Quantum Tige 1.0 / 1.1

Quantum Tige 2.0 / 2.1

Quantum Ceiling 1.0

Quantum Ceiling 2.0

mizar

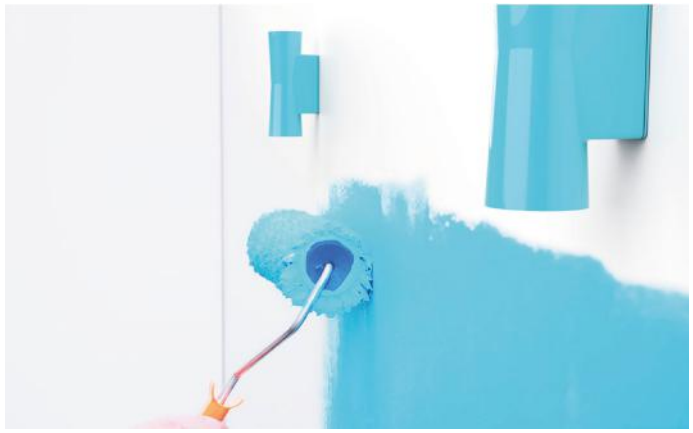
Quantum / Product features

Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a “Made in Italy” product is an excellent build quality. The QUANTUM body is made of die-cast 6082 anticorodal aluminium. Finished with primer followed by epoxy polyester powder painting, tested to withstand over 1500h in salt spray. Extra-clear tempered glass diffuser, screen-printed black. Technopolymer TIR optics.

Corrosion resistance at the highest level

The care taken in the design and choice of materials allows the highest classes of the international ISO 9223 standard to be achieved. All QUANTUMs are classified C5 (“Very High”).

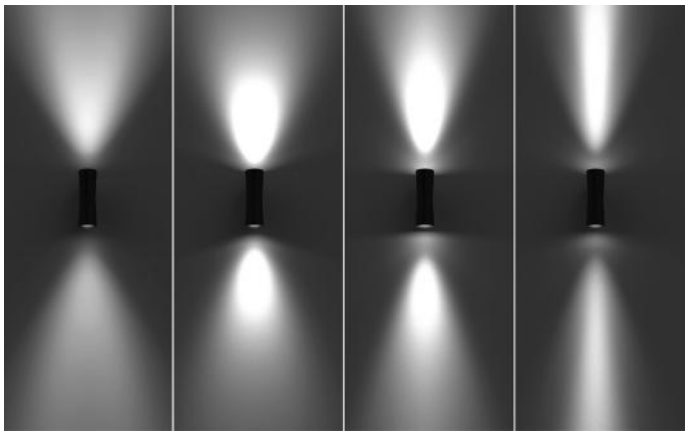


Chameleon-like

QUANTUM is available in a paintable version. The product is treated with a specific paintable primer, that preserves all its mechanical characteristics, regardless of the subsequent painting. The end user has the possibility of customising the colour of the external finish to his liking.

Excellent degrees of protection

QUANTUM are fully protected against the ingress of any kind of dust (IP 6X). The products are also tested against water jets (IP X5). 12,5 litres per minute, at a pressure of 30 kPa at a distance of 3 m.

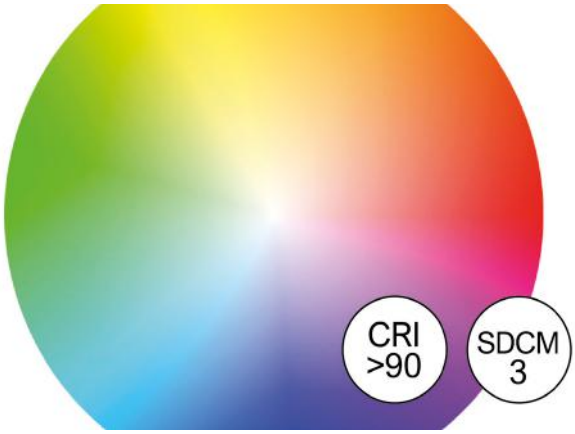


Wide range of optics

All QUANTUMs can be equipped with narrow, medium, wide or elliptical optics. Maximum flexibility in lighting design. Bi-emission appliques models - on request - can be equipped with mixed optics.

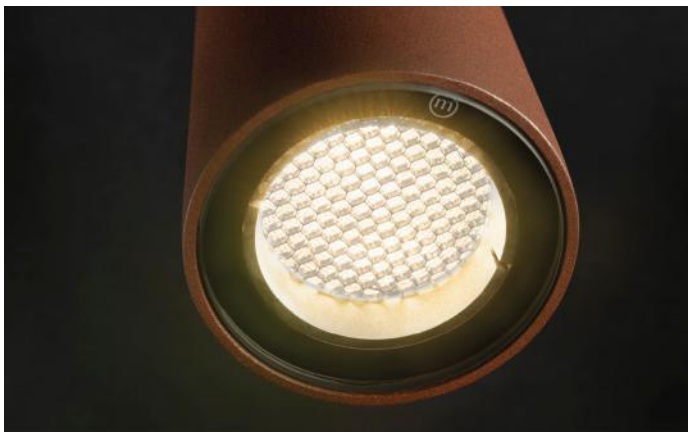
Wide choice of color temperatures

The QUANTUM series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with an extremely warm colour temperature (2200 K) are available.



Faithful reproduction of colors

The QUANTUM series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 3 value.

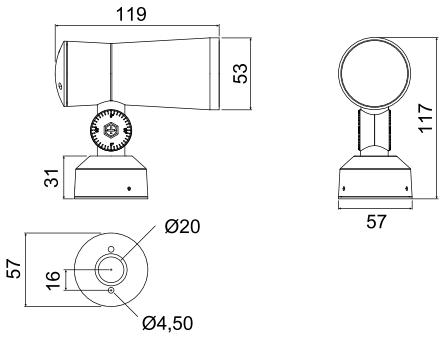


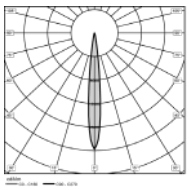
The importance of visual comfort

All QUANTUMs are designed with a lowered light source to reduce perceived glare. They can also be configured by inserting optical optionals such as honeycombs and louvres. For visual comfort at the highest level.

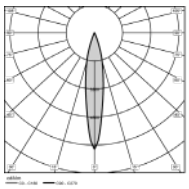
Technical data

Quantum Flood 1.0

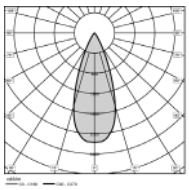




10°



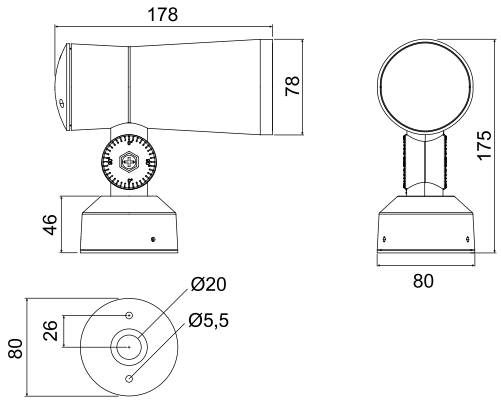
25°

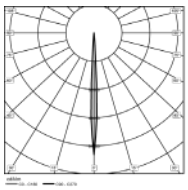


40°

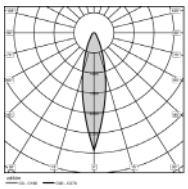
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 161 lm
Beam angle	10°
	25°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	5mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Connector type	Class II terminal block
Idroskud® protection	No

Quantum Flood 2.0

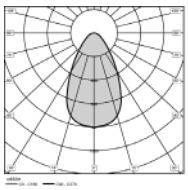




5°



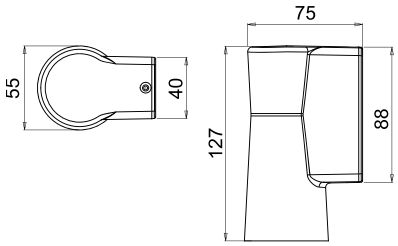
20°

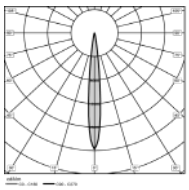


60°

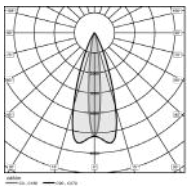
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	Yes (DALI)
Connector type	Class II terminal block
Idroskud® protection	No

Quantum 1.1

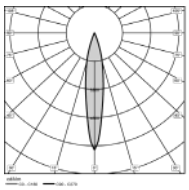




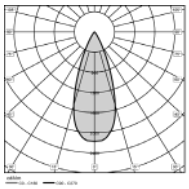
10°



10°x45°



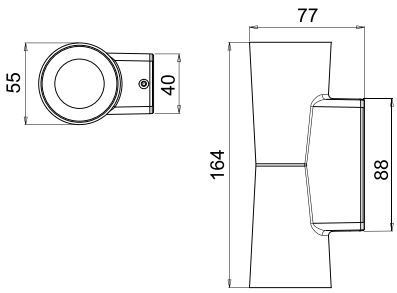
25°

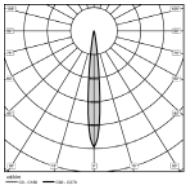


40°

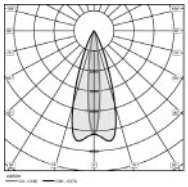
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 161 lm
Beam angle	10°
	25°
	40°
	10°x45°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	5mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Connector type	Class II terminal block
Idroskud® protection	No

Quantum 1.2

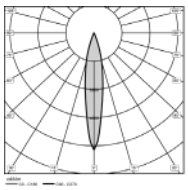




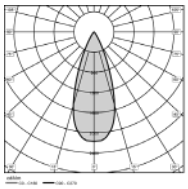
10°



10°x45°



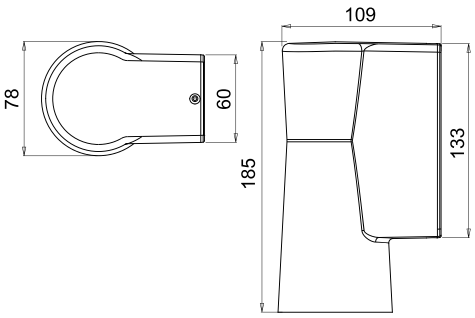
25°

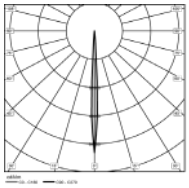


40°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 321 lm
Beam angle	10°
	25°
	40°
	10°x45°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	5mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	6W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Connector type	Class II terminal block
Idroskud® protection	No

Quantum 2.1





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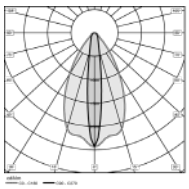
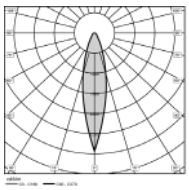
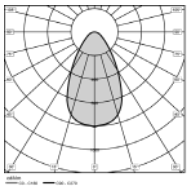


15°x60°



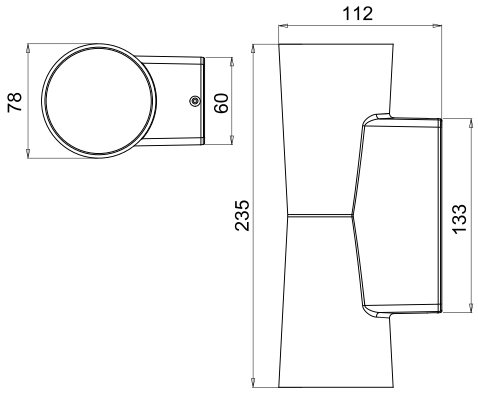
20°

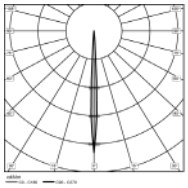


60°

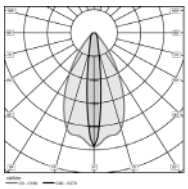
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
	15°x60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
	Yes (DALI)
Connector type	Class II terminal block
Idroskud® protection	No

Quantum 2.2

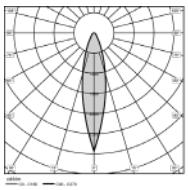




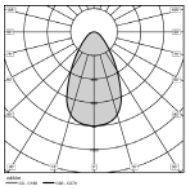
5°



15°x60°



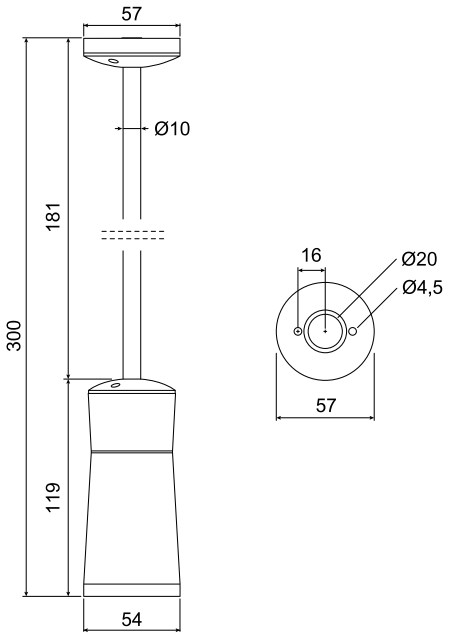
20°



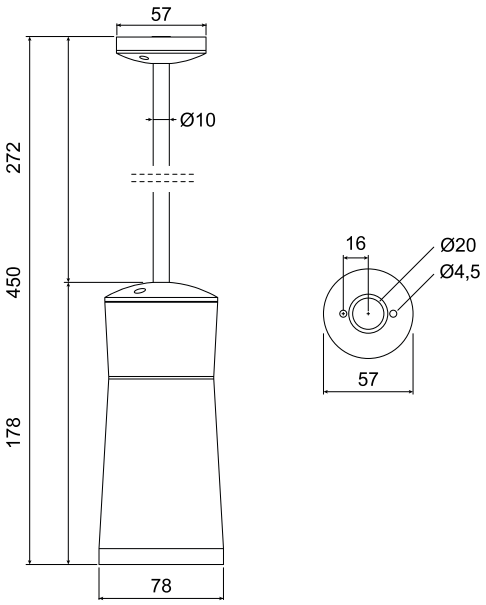
60°

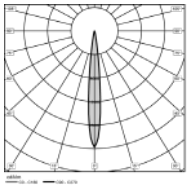
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 739 lm
Beam angle	5°
	20°
	60°
	15°x60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	14W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
	Yes (DALI)
Connector type	Class II terminal block
Idroskud® protection	No

Quantum Tige 1.0

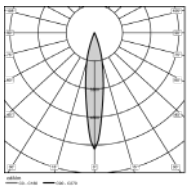


Quantum Tige 1.1

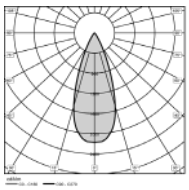




10°



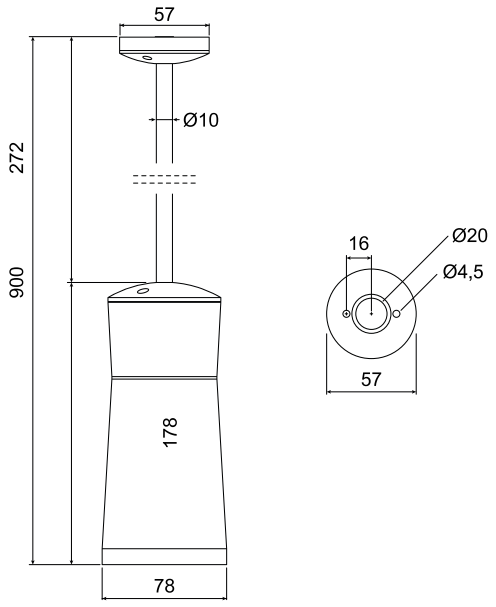
25°



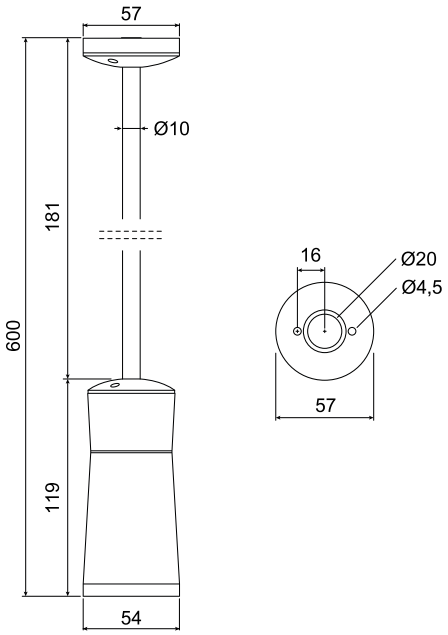
40°

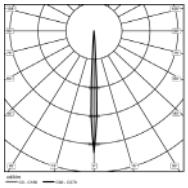
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 161 lm
Beam angle	10°
	25°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	5mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Connector type	Class II terminal block
Idroskud® protection	No

Quantum Tige 2.0

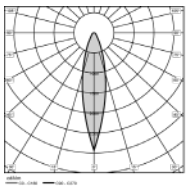


Quantum Tige 2.1

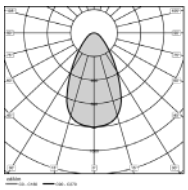




5°



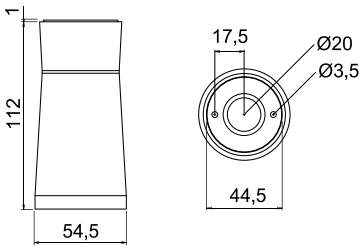
20°

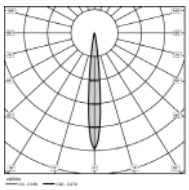


60°

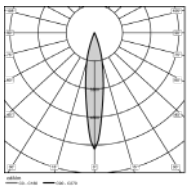
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	Yes (DALI)
Connector type	Class II terminal block
Idroskud® protection	No

Quantum Ceiling 1.0

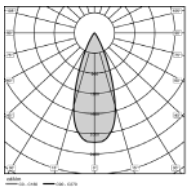




10°



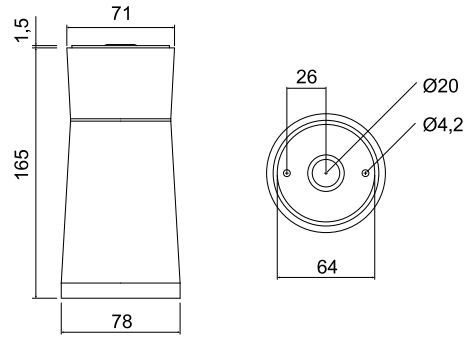
25°

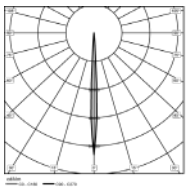


40°

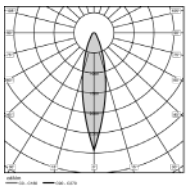
Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 161 lm
Beam angle	10°
	25°
	40°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	5mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	No
Connector type	Class II terminal block
Idroskud® protection	No

Quantum Ceiling 2.0

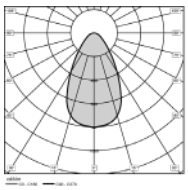




5°



20°



60°

Source type	single power-LED
CCT	2700K
	3000K
	4000K
CRI	>90
Step MacAdam	3
Lumen output	up to 370 lm
Beam angle	5°
	20°
	60°
Optical optional	None
	Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP65
IK rating	IK06
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016
	White RAL9003
	Corten
	Black RAL9005
	Paintable primer
	Green RAL6009
Body material	Die-cast aluminium EN AB46100
Diffuser material	Extra-clear tempered glass
Diffuser thickness	6mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W
Input power type	220V AC 50/60 Hz
Power supply	Integrated
Insulation class	Class II
Dimmable	Yes (DALI)
Connector type	Class II terminal block
Idroskud® protection	No

Code configurator

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
QUA07	QUANTUM FLOOD 1.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**M**	25°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	40°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				
QUA08	QUANTUM FLOOD 2.0	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	DALI
		D	3000K			**M**	20°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	60°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				
Configuration example															
QUA07		**C**		**C**		**S**		**0**		**B0**		**Z**		**00**	
QUA07CCS0B0Z00 - QUANTUM FLOOD 1.0 3W BK9005 10° 2700K 220V															
QUA00	QUANTUM 1.1	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**E**	10°x45°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**M**	25°			**G0**	Anthracite RAL7016				
						L	40°			**PR**	Primer				
										W0	White RAL9003				
QUA01	QUANTUM 1.2	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**E**	10°x45°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**M**	25°			**G0**	Anthracite RAL7016				
						L	40°			**PR**	Primer				
										W0	White RAL9003				
QUA02	QUANTUM 2.1	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**E**	15°x60°	**1**	Honeycomb	**CT**	Corten			**01**	DALI
		F	4000K			**M**	20°			**G0**	Anthracite RAL7016				
						L	60°			**PR**	Primer				
										W0	White RAL9003				
QUA03	QUANTUM 2.2	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**E**	15°x60°	**1**	Honeycomb	**CT**	Corten			**01**	DALI
		F	4000K			**M**	20°			**G0**	Anthracite RAL7016				
						L	60°			**PR**	Primer				
										W0	White RAL9003				
Configuration example															
QUA00		**C**		**C**		**S**		**0**		**B0**		**Z**		**00**	
QUA00CCS0B0Z00 - QUANTUM 1.1 3W BK9005 10° 2700K 220V															

n.c. = not pre-wired

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
QUA09	QUANTUM TIGE 1.0 / 1.1	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	Tige 300mm
		D	3000K			**M**	25°	**1**	Honeycomb	**CT**	Corten			**01**	Tige 600mm
		F	4000K			**L**	40°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				
QUA10	QUANTUM TIGE 2.0 / 2.1	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	Tige 450mm
		D	3000K			**M**	20°	**1**	Honeycomb	**CT**	Corten			**01**	Tige 900mm
		F	4000K			**L**	60°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				

Configuration example

QUA09	**C**	**C**	**S**	**0**	**B0**	**Z**	**00**

QUA09CCS0B0Z00 - QUANTUM TIGE 1.0 300mm 3W BK9005 10° 2700K 220V

Model		CCT		CRI		Beam angle		Optical optionals		Finishing		Cable length		Version	
QUA05	QUANTUM CEILING 1.0	**C**	2700K	**C**	CRI > 90	**S**	10°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	ON/OFF
		D	3000K			**M**	25°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	40°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				
QUA06	QUANTUM CEILING 2.0	**C**	2700K	**C**	CRI > 90	**S**	5°	**0**	None	**B0**	Black RAL9005	**Z**	n.c.	**00**	DALI
		D	3000K			**M**	20°	**1**	Honeycomb	**CT**	Corten				
		F	4000K			**L**	60°			**E0**	Green RAL6009				
										G0	Anthracite RAL7016				
										PR	Primer				
										W0	White RAL9003				

Configuration example

QUA05	**C**	**C**	**S**	**0**	**B0**	**Z**	**00**

QUA05CCS0B0Z00 - QUANTUM CEILING 1.0 3W BK9005 10° 2700K 220V

n.c. = not pre-wired

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