EGEO 1.0

EGEO 1.0 1W AC 40° 4000K 24V 10M

Cod: **CEA12FCL001M00**

Metel: **CEAFDL130**

IdroSkud® protection system
polarity reversal protection + voltage spikes protection + water infiltration protection

Protection class III
Designed to be supplied from a separated extra-low voltage (SELV) power supply

IP 68
Protected against continous immersion up to 3 meters

IP 66
Protected against powerful power jets, 100 liters per minute

IK 09
Protected against impact of 10 J

High temperatures
Design to withstand temperatures up to +50° C

CX - Extreme
corrosion resistance level ISO 9223

Mizar warranty
5 years warranty

Technical description

Floodlight suitable for outdoor environments (IP66/IP68) with operating temperature range: -20°C / +50°C. To offer maximum versatility of application, the body can be made of aluminum or steel; the bracket, made of steel for both models, allows the fixture's tilt to be adjusted. The light source consists of a single 1W power Led chip powered at 24V constant voltage with integrated driver. The luminous flux makes it ideal for illuminating architectural details, garden plants or water features, thanks to the different emission angles. The source is set back for greater visual comfort. Color rendering index CRI > 90. EGEO is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. An accessory for installation in the ground (stake) is provided. The product must be combined with a power supply to ensure its operation. The power supply must be ordered separately. The amount of luminaires that can be connected to a single power supply varies depending on the type of installation. It is up to the installer to verify the possible voltage drop by evaluating the distance between the product and the power supply.

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Lighting data

Source type	single chip power LED	Photobiological risk	RG0
CCT	4000K	ULR	0.00%
CRI	> 90	BUG Rating	B0 U1 G0
MacAdam (SDCM)	2	CIE Flux Code	91 98 100 100 100
Source lumen output (lm)	126	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	67	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): E
Light emission	Wide		
Beam angle	40°		

Mechanical data

Width (mm)	27	External screws material	Stainless steel 316L (A4)
Length (mm)	44	Diffuser material	Extraclear tempered glass
Height (mm)	46.5	Diffuser thickness (mm)	4
Weight (Kg)	0.112	Class ISO 9223	CX
IP Rating	IP66 / IP68	Optic type	Technopolymer TIR Lens
IK rating	IK09	Optical optional	None
Finishing colour	Steel / Steel	Maximal working temperature	+50° C
Frame material	Stainless steel 316L		
Body material	Stainless steel 316L	Minimal working temperature	-20° C

Electrical data

Nominal power (W)	1	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V DC	Idroskud® protection	Yes
		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class	III		
Dimmable	Yes (PWM)		
Power cable type	FR5FOEM7 - AD8 2x0,5 mm²		
Power cable length	10 m (verify voltage drop)		

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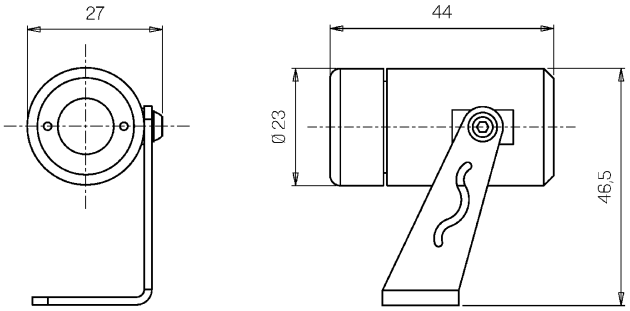
Photometry

Technical drawing



Accessories

GROUND STAKE

Stake for floodlight - small size

Cod: CEAZZZ016

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 14,4W IP67 ON/OFF

Cod: MID0019

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 36W IP67 ON/OFF

Cod: MID0020

DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz 24V 24W IP67 DALI

Cod: MID0021

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