EGEO 1.0

EGEO 1.0 1W AL 15° 3000K 24V 15M

Cod: **CEA12DCS000P00**

Metel: **CEADES128**

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

C5 - Very high
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.

MIZAR is a brand of REER SPA
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Lighting data

Source type	single chip power LED
CCT	3000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	126
Luminaire lumen output (lm)	41
Light emission	Narrow
Beam angle	15°

Photobiological risk	RG0
ULR	0.00%
BUG Rating	B0 U0 G0
CIE Flux Code	88 95 99 100 100
LED lifetime	L95 B10 50.000h (Ta +25°C)
Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): E

Mechanical data

Width (mm)	27
Length (mm)	44
Height (mm)	46.5
Weight (Kg)	0.052
IP Rating	IP66 / IP68
IK rating	IK09
Finishing colour	Aluminium / Aluminium
Frame material	Anodized 20um aluminum anticorodal 6082
Body material	Anodized 20um aluminum anticorodal 6082

External screws material	Stainless steel 316L (A4)
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	4
Class ISO 9223	C5
Optic type	Technopolymer TIR Lens
Optical optional	None
Maximal working temperature	+50° C
Minimal working temperature	-20° C

Electrical data

Nominal power (W)	1
Power supply (input power type)	Costant voltage - 24V DC
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Power cable type	FR5FOEM7 - AD8 2x0,5 mm²
Power cable length	15 m (verify voltage drop)

Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

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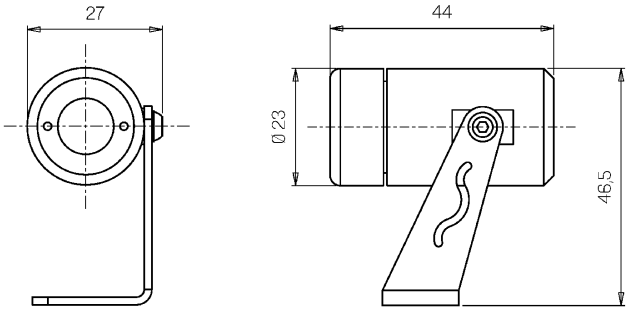
Photometry

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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