

EGEO 1.0

EGEO 1.0 1W AL 40° 3000K 24V 10M

Cod: **CEA12DCL000M00**

**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 66**

Protected against powerful power jets, 100 liters per minute

**IP 68**

Protected against continuous immersion up to 3 meters

**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.

Lighting data

Source type	single chip power LED
CCT	3000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	126
Luminaire lumen output (lm)	64
Light emission	Wide
Beam angle	40°

Photobiological risk	RG0
ULR	0.00%
BUG Rating	B0 U1 G0
CIE Flux Code	91 98 100 100 100
LED lifetime	L80 B10 50.000h
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 (g)	52
IP Rating	IP66 / IP68
IK rating	IK09
Finishing colour	Aluminium / Aluminium
Frame material	Anodized 20u aluminum anticorodal 6082
Body material	Anodized 20u 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
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	FR5FOEM7 - AD8 2x0,5 mm ²
Power cable length	10 m (verify voltage drop)

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

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