# EGEO 1.0

## EGEO 1.0 1W AC 15° 4000K 24V 10M

Cod: **CEA12FCS001M00**

Metel: **CEAFDS130**

**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.

MIZAR is a brand of REER SPA
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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 U0 G0 |
| MacAdam (SDCM) | 2 | CIE Flux Code | 88 95 99 100 100 |
| Source lumen output (lm) | 126 | LED lifetime | L95 B10 50.000h (Ta +25°C) |
| Luminaire lumen output (lm) | 43 | Efficiency class | This product contains a light source of energy efficiency class (EU2019/2015): E |
| Light emission | Narrow | | |
| Beam angle | 15° | | |

## 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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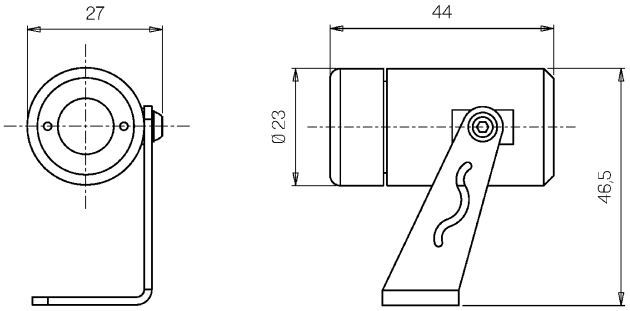
## Photometry

## 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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