# EGEO 3.0

## EGEO 3.0 3W AL ELL 2700K 24V 15M

Cod: **CEA14CCE000P00**

Metel: **CEACEE140**

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 up to 10m
Protected against continous immersion up to 10 meters

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

IK 10
Protected against impact of 20 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 and underwater environments up to 10 m (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 3W 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. Optional for anti-glare (honeycomb) and accessory for installation in the ground (stake) are 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 | 2700K | ULR | 0.00% |
| CRI | > 90 | BUG Rating | B0 U0 G0 |
| MacAdam (SDCM) | 2 | CIE Flux Code | 99 100 100 100 100 |
| Source lumen output (lm) | 236 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 143 | Efficiency class | This product contains a light source of energy efficiency class (EU2019/2015): F |
| Light emission | Elliptical | | |
| Beam angle | 10°x45° | | |

## Mechanical data

| | | | |
|---|---|---|---|
| Width (mm) | 57 | External screws material | Stainless steel 316L (A4) |
| Length (mm) | 93 | Diffuser material | Extraclear tempered glass |
| Height (mm) | 83 | Diffuser thickness (mm) | 8 |
| Weight (Kg) | 0.304 | Class ISO 9223 | C5 |
| IP Rating | IP66 / IP68 10m | Optic type | Technopolymer TIR Lens |
| IK rating | IK10 | Optical optional | None |
| Finishing colour | Aluminium / Aluminium | Maximal working temperature | +50° C |
| Frame material | Anodized 20um aluminum anticorodal 6082 | Minimal working temperature | -20° C |
| Body material | Anodized 20um aluminum anticorodal 6082 | | |

## Electrical data

| | | | |
|---|---|---|---|
| Nominal power (W) | 3 | Electrical connection | Parallel connection |
| Power supply (input power type) | Costant voltage - 24V DC | Idroskud® protection | Yes |
| Ballast | Remote | Inverse polarity protection | Yes |
| Insulation class | III | Voltage spikes protection | Yes |
| Dimmable | Yes (PWM) | | |
| Power cable type | H05RN - F 2x0,75 mm² | | |
| Power cable length | 15 m (verify voltage drop) | | |

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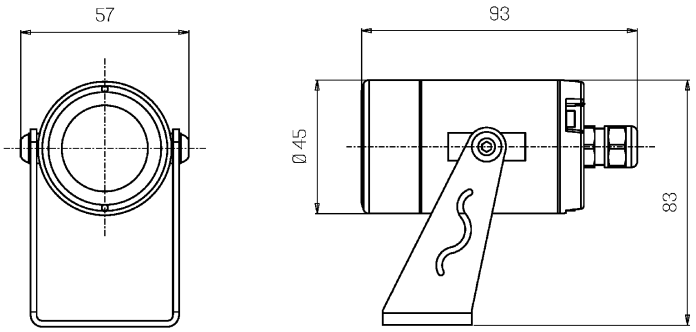
## Photometry

## 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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