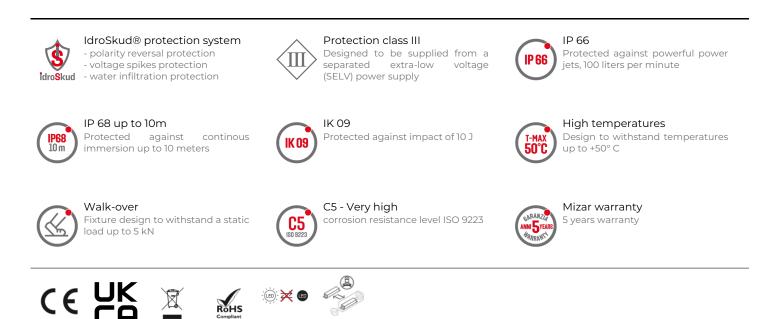




# OCEANO 4.1 OCEANO 4.1 7W AL-AL ELL 3000K 24V LV 10M

Cod: CEA09DCE200M00



## Technical description

Inground luminaire, walk-over, suitable for outdoor and underwater environments up to 10 m (IP66/IP68), with operating temperature range: -20°C / +50°C. To provide maximum versatility of application, the body can be made of aluminum or steel; the frame, aluminum, steel or brass. The light source consists of a single 7W power Led chip powered at 24V constant voltage with integrated driver. The luminous flux makes it ideal for marking pedestrian paths or illuminating architectural details. The source is recessed for greater visual comfort. Color rendering index CRI > 90. Oceano is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb and louvre) and installation accessories (draining and waterproof outercase and spring for ceiling attachment). 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 | Photobiological risk | RGO                           |
|-----------------------------|-----------------------|----------------------|-------------------------------|
| ССТ                         | 3000K                 | ULR                  | 100.00%                       |
| CRI                         | > 90                  | BUG Rating           | B0 U3 G0                      |
| MacAdam (SDCM)              | 2                     | CIE Flux Code        | 0 0 0 0 100                   |
| Source lumen output (lm)    | 445                   | LED lifetime         | L80 B10 50.000h               |
| Luminaire lumen output (lm) | 330                   | Efficiency class     | This product contains a light |
| Light emission              | Elliptical            |                      | source of energy efficiency   |
| Beam angle                  | 15°x60°               |                      | class (EU2019/2015): G        |

#### Mechanical data

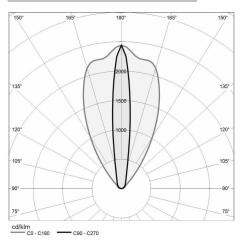
| Width (mm)        | 90                         | Diffuser thickness (mm)     | 8                      |
|-------------------|----------------------------|-----------------------------|------------------------|
| Length (mm)       | 90                         | Class ISO 9223              | C5                     |
| Height (mm)       | 114                        | Optic type                  | Technopolymer TIR Lens |
| Weight (g)        | 645                        | Optical optional            | Louvre                 |
| IP Rating         | IP66 / IP68 10m            | Maximal working             | +50° C                 |
| IK rating         | IK09                       | temperature                 |                        |
| Shape             | Square                     | Minimal working temperature | -20° C                 |
| Finishing colour  | Aluminium / Aluminium      | Maximal static load (kN)    | 5                      |
| Frame material    | Anodized 20u aluminum      | Walk-over                   | Yes                    |
|                   | anticorodal 6082, Anodized | Driver-over                 | No                     |
|                   | 20u aluminum anticorodal   | Maximal surface temperature | +50° C                 |
|                   | 6082                       | Areas EN 60598-2-13         | A1/A2                  |
| Body material     | Anodized 20u aluminum      |                             |                        |
|                   | anticorodal 6082           |                             |                        |
| Diffuser material | Extraclear tempered glass  |                             |                        |
|                   |                            |                             |                        |

#### Electrical data

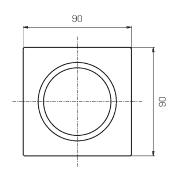
| Nominal power (W)         | 7                                | Electrical connection       | Parallel connection |
|---------------------------|----------------------------------|-----------------------------|---------------------|
| Power supply (input power | Costant voltage - 24V            | Idroskud® protection        | Yes                 |
| type)                     |                                  | Inverse polarity protection | Yes                 |
| Ballast                   | Remote                           | Voltage spikes protection   | Yes                 |
| Insulation class          | 111                              |                             |                     |
| Dimmable                  | Yes                              |                             |                     |
| Power cable type          | H05RN - F 2x0,75 mm <sup>2</sup> |                             |                     |
| Power cable length        | 10 m (verify voltage drop)       |                             |                     |

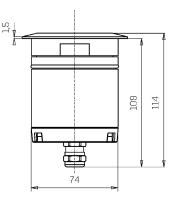


#### Photometry



Technical drawing





Accessories



DRAINING OUTERCASE
Outercase draining OCEANO 4

Cod: CEAZZZ010



SLIM DRAINING OUTERCASE Outercase draining slim OCEANO 4

Cod: CEAZZZ011





SLIM WATER-PROOF OUTERCASE Outercase waterproof slim OCEANO 4

Cod: CEAZZZ012

NOT DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz ON/OFF

24V 14,4W IP67 Cod: MID0019





NOT DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz ON/OFF 24V 36W IP67 Cod: MID0020 DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021

MIZAR is a brand of REER SPA Via Carcano 32 - 10153 - Torino, Italy Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it