



OCEANO 3.0 OCEANO 3.0 3W ST-BR ELL 2700K 24V 10M

Cod: CEA04CCE003M00



IdroSkud® protection system - polarity reversal protection - voltage spikes protection idroSkud - water infiltration protection



IP 68 up to 10m Protected against continous immersion up to 10 meters



Walk-over Fixture design to withstand a static load up to 5 kN



IK10

СХ

ISO 9223

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



CX - Extreme

Protected against impact of 20 J

corrosion resistance level ISO 9223



High temperatures Design to withstand temperatures up to +50° C



Mizar warranty 5 vears warrantv

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 3W 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 |
|-----------------------------|-----------------------|----------------------|-------------------------------|
| CCT | 2700K | 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) | 236 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 143 | Efficiency class | This product contains a light |
| Light emission | Elliptical | | source of energy efficiency |
| Beam angle | 10°x45° | | class (EU2019/2015): F |

Mechanical data

| Diameter (mm) | 60 | Diffuser thickness (mm) | 8 |
|--------------------------|---------------------------|-----------------------------|------------------------|
| Height (mm) | 93 | Class ISO 9223 | CX |
| Weight (g) | 650 | Optic type | Technopolymer TIR Lens |
| IP Rating | IP66 / IP68 10m | Optical optional | None |
| IK rating | IK10 | Maximal working | +50° C |
| Shape | Round | temperature | |
| Finishing colour | Steel / Brass | Minimal working temperature | -20° C |
| Frame material | Brass | Maximal static load (kN) | 5 |
| Body material | Stainless steel 316L | Walk-over | Yes |
| External screws material | Stainless steel 316L (A4) | Driver-over | No |
| Diffuser material | Extraclear tempered glass | Maximal surface temperature | +50° C |
| | | Areas EN 60598-2-13 | A1/A2 |

Electrical data

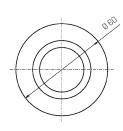
| Nominal power (W) | 3 | Electr |
|---------------------------|----------------------------------|--------|
| Power supply (input power | Costant voltage - 24V | Idrosł |
| type) | | Invers |
| Ballast | Remote | Voltag |
| Insulation class | 111 | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 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



DRAINING OUTERCASE
Outercase draining OCEANO 3

Cod: CEAZZZ006



SLIM DRAINING OUTERCASE Outercase draining slim OCEANO 3

Cod: CEAZZZ007





SLIM WATER-PROOF OUTERCASE Outercase waterproof slim OCEANO 3

Cod: CEAZZZ008

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



SPRING FOR CEILING MOUNTING Spring for ceiling mounting OCEANO 3

Cod: CEAZZZ018

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