



OCEANO 3.0

OCEANO 3.0 ST-ST ROUND 25° 4000K **HONEYCOMB-5M**

Cod: CEA04FCM101H00



IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection idroSkud - water infiltration protection



Protection class III

Designed to be supplied from a separated extra-low voltage (SELV) power supply



Protected against powerful power jets, 100 liters per minute

date: 22/11/2024



IP 68 up to 10m

Protected against continous immersion up to 10 meters



IK 10

Protected against impact of 20 J



High temperatures

Design to withstand temperatures up to +50° C



Walk-over

Fixture design to withstand a static load up to 5 kN



CX - Extreme

corrosion resistance level ISO 9223



Mizar warranty

5 years warranty

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).



date: 22/11/2024

Lighting data

| Source type | single chip power LED |
|-----------------------------|-----------------------|
| CCT | 4000K |
| CRI | > 90 |
| MacAdam (SDCM) | 2 |
| Source lumen output (lm) | 236 |
| Luminaire lumen output (lm) | 161 |
| Light emission | Medium |
| Beam angle | 25° |

| Photobiological risk | RG0 |
|----------------------|-------------------------------|
| ULR | 100.00% |
| BUG Rating | B0 U1 G0 |
| CIE Flux Code | 0 0 0 0 100 |
| LED lifetime | L80 B10 50.000h |
| Efficiency class | This product contains a light |
| | source of energy efficiency |
| | class (EU2019/2015): F |

Mechanical data

| Diameter (mm) | 60 |
|--------------------------|---------------------------|
| Height (mm) | 93 |
| Weight (g) | 622 |
| IP Rating | IP66 / IP68 10m |
| IK rating | IK10 |
| Shape | Round |
| Finishing colour | Steel / Steel |
| Frame material | Stainless steel 316L |
| Body material | Stainless steel 316L |
| External screws material | Stainless steel 316L (A4) |
| Diffuser material | Extraclear tempered glass |
| | |

| Diffuser thickness (mm) | 8 |
|-----------------------------|------------------------|
| Class ISO 9223 | CX |
| Optic type | Technopolymer TIR Lens |
| Optical optional | Honeycomb |
| Maximal working | +50° C |
| temperature | |
| Minimal working temperature | -20° C |
| Maximal static load (kN) | 5 |
| Walk-over | Yes |
| Driver-over | No |
| Maximal surface temperature | +50° C |
| Areas EN 60598-2-13 | A1 / A2 |

Electrical data

| Nominal power (W) | 3 |
|---------------------------|----------------------------------|
| Power supply (input power | Costant voltage - 24V |
| type) | |
| Ballast | Remote |
| Insulation class | III |
| Dimmable | Yes |
| Power cable type | H05RN - F 2x0,75 mm ² |
| Power cable length | 5 m |

| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Yes |
| . 3. | |

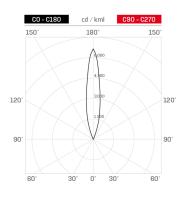




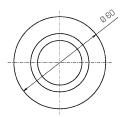
date: 22/11/2024

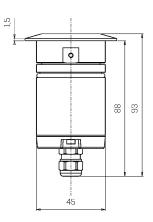
Photometry

25°



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 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 ON/OFF 24V 24W IP67 DALI Cod: MID0021