

# OCEANO 3.1 OCEANO 3.1 3W ST-BR 40° 3000K 24V HC 1,5M

Cod: CEA05DCL103C00

Protection class III

(SELV) power supply

separated

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



 $\Pi$ 

DATA SHEET

IK 10 Protected against impact of 20 J

Designed to be supplied from a

extra-low

voltage



**IP 66** 

IP 66

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

Protected against powerful power

jets, 100 liters per minute



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



CX - Extreme corrosion resistance level ISO 9223



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                         | 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)    | 236                   | LED lifetime         | L80 B10 50.000h               |
| Luminaire lumen output (lm) | 137                   | Efficiency class     | This product contains a light |
| Light emission              | Wide                  | SC                   | source of energy efficiency   |
| Beam angle                  | 40°                   |                      | class (EU2019/2015): F        |

#### Mechanical data

| Width (mm)               | 60                        | Diffuser thickness (mm)     | 8                      |
|--------------------------|---------------------------|-----------------------------|------------------------|
| Length (mm)              | 60                        | Class ISO 9223              | CX                     |
| Height (mm)              | 93                        | Optic type                  | Technopolymer TIR Lens |
| Weight (g)               | 650                       | Optical optional            | Honeycomb              |
| IP Rating                | IP66 / IP68 10m           | Maximal working             | +50° C                 |
| IK rating                | IK10                      | temperature                 |                        |
| Shape                    | Square                    | Minimal working temperature | -20° C                 |
| Finishing colour         | Steel / Brass             | Maximal static load (kN)    | 5                      |
| Frame material           | Brass                     | Walk-over                   | Yes                    |
| Body material            | Stainless steel 316L      | Driver-over                 | No                     |
| External screws material | Stainless steel 316L (A4) | Maximal surface temperature | +50° C                 |
| Diffuser material        | Extraclear tempered glass | Areas EN 60598-2-13         | A1/A2                  |
|                          |                           |                             |                        |

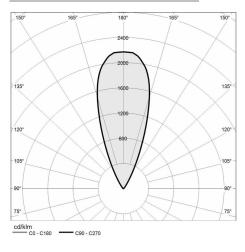
#### Electrical data

| Nominal power (W)         | 3                                | Electrical conne |
|---------------------------|----------------------------------|------------------|
| Power supply (input power | Costant voltage - 24V            | Idroskud® prote  |
| type)                     |                                  | Inverse polarity |
| Ballast                   | Remote                           | Voltage spikes p |
| Insulation class          |                                  |                  |
| Dimmable                  | Yes                              |                  |
| Power cable type          | H05RN - F 2x0,75 mm <sup>2</sup> |                  |
| Power cable length        | 1,5 m                            |                  |
|                           |                                  |                  |

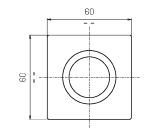
| Electrical connection       | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection        | Yes                 |
| Inverse polarity protection | Yes                 |
| Voltage spikes protection   | Yes                 |



#### 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 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



SPRING FOR CEILING MOUNTING Spring for ceiling mounting OCEANO 3

Cod: CEAZZZ018

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