DATA SHEET





OCEANO 4.2 **DRIVE-OVER**

OCEANO 4.2 7W ST-ST 20° 2700K 24V LV 10M

Cod: CEA10CCM201M00



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



Driver-over Fixture design to withstand a static load up to 20 kN



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

Protection class III



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



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





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Technical description

Inground luminaire, drive-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 or steel. 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 (drive-over outercase). 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) | 445 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 333 | Efficiency class | This product contains a light |
| Light emission | Medium | | source of energy efficiency |
| Beam angle | 20° | | class (EU2019/2015): G |

Mechanical data

| Diameter (mm) | 125 | Diffuser thickness (mm) | 8 |
|--------------------------|---------------------------|-----------------------------|------------------------|
| Height (mm) | 114 | Class ISO 9223 | CX |
| Weight (g) | 1774 | Optic type | Technopolymer TIR Lens |
| IP Rating | IP66 / IP68 10m | Optical optional | Louvre |
| IK rating | IK09 | Maximal working | +50° C |
| Shape | Round | temperature | |
| Finishing colour | Steel / Steel | Minimal working temperature | -20° C |
| Frame material | Stainless steel 316L | Maximal static load (kN) | 20 |
| Body material | Stainless steel 316L | Walk-over | Yes |
| External screws material | Stainless steel 316L (A4) | Driver-over | Yes |
| Diffuser material | Extraclear tempered glass | Maximal surface temperature | +50° C |
| | | Areas EN 60598-2-13 | A1/A2/A3/A4 |

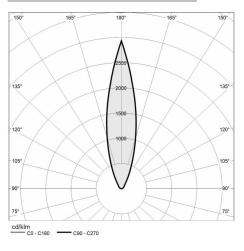
Electrical data

| Nominal power (W) | 7 | Electrical c |
|---------------------------|----------------------------------|--------------|
| Power supply (input power | Costant voltage - 24V | Idroskud® |
| type) | | Inverse pol |
| Ballast | Remote | Voltage spi |
| Insulation class | | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 mm ² | |
| Power cable length | 10 m (verify voltage drop) | |
| | | |

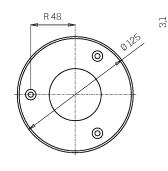
| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Yes |

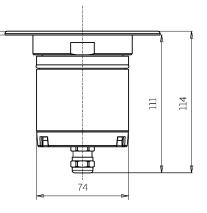


Photometry



Technical drawing





Accessories







DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021

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



DRIVE-OVER OUTERCASE Outercase drive-over OCEANO 4

Cod: CEAZZZ013