





OCEANO 1.0

OCEANO 1.0 1W ST-ST 40° 2700K 24V 10M

Cod: CEAOOCCLO01M00



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



P 66

Protected against powerful power jets, 100 liters per minute

date: 11/09/2025



IP 68

Protected against continous immersion up to 3 meters



IK 09

Protected against impact of 10 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 vears warrantv











Technical description

Inground luminaire, walk-over, suitable for outdoor environments (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 IW power Led chip powered at 24V constant voltage with integrated driver. The luminous flux makes it ideal for tracing pedestrian paths or achieving a starry ceiling effect, thanks to the different emission angles. The source is set back 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. Installation accessories (draining and waterproof outercase and plasterboard spring) are provided. 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.



date: 11/09/2025

Lighting data

| Source type | single chip power LED |
|-----------------------------|-----------------------|
| CCT | 2700K |
| CRI | > 90 |
| MacAdam (SDCM) | 2 |
| Source lumen output (lm) | 126 |
| Luminaire lumen output (lm) | 61 |
| Light emission | Wide |
| Beam angle | 40° |

| Photobiological risk | RG0 |
|----------------------|-------------------------------|
| ULR | 100.00% |
| BUG Rating | B0 U3 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): E |

Mechanical data

| Diameter (mm) | 29 |
|--------------------------|---------------------------|
| Height (mm) | 44 |
| Weight (g) | 97 |
| IP Rating | IP66 / IP68 |
| IK rating | IK09 |
| 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) | 4 |
|-----------------------------|------------------------|
| Class ISO 9223 | CX |
| Optic type | Technopolymer TIR Lens |
| Optical optional | None |
| 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

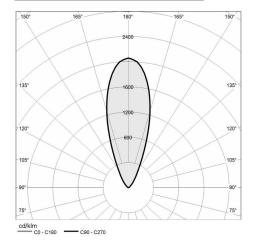
| Nominal power (W) | 1 |
|---------------------------|--------------------------------------|
| Power supply (input power | Costant voltage - 24V |
| type) | |
| Ballast | Remote |
| Insulation class | III |
| Dimmable | Yes |
| Power cable type | FR5F0EM7 - AD8 2x0,5 mm ² |
| Power cable length | 10 m (verify voltage drop) |

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

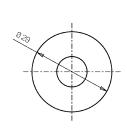
DATA SHEET

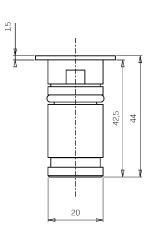
date: 11/09/2025

Photometry



Technical drawing





Accessories







DRAINING OUTERCASE Outercase draining OCEANO 1

Cod: CEAZZZ000

SLIM DRAINING OUTERCASE Outercase draining slim OCEANO 1

Cod: CEAZZZ001

SLIM WATER-PROOF OUTERCASE Outercase waterproof slim OCEANO 1

Cod: CEAZZZ002

SPRING FOR CEILING MOUNTING Spring for ceiling mounting OCEANO 1

Cod: CEAZZZ014







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