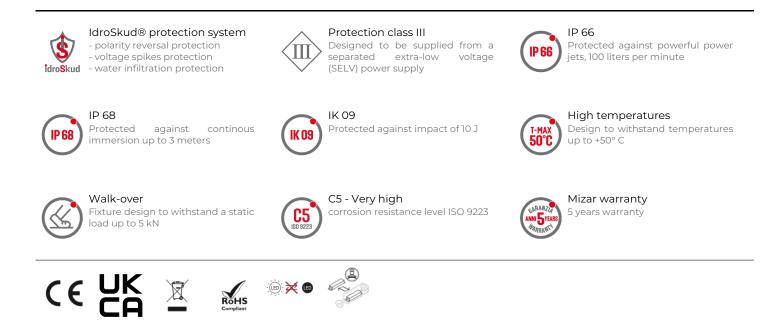




OCEANO 1.1 1W AL-AL 40° 4000K 24V 15M

Cod: CEA01FCL000P00



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 1W 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.



Lighting data

| Source type | single chip power LED | Photobiological risk | RGO |
|-----------------------------|-----------------------|----------------------|-------------------------------|
| ССТ | 4000K | ULR | 100.00% |
| CRI | > 90 | BUG Rating | B0 U1 G0 |
| MacAdam (SDCM) | 2 | CIE Flux Code | 0 0 0 0 100 |
| Source lumen output (lm) | 126 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 67 | Efficiency class | This product contains a light |
| Light emission | Wide | | source of energy efficiency |
| Beam angle | 40° | | class (EU2019/2015): E |

Mechanical data

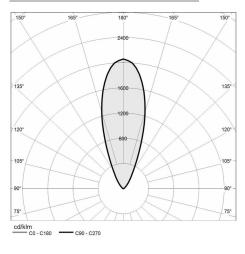
| Length (mm)96Class ISO 9223CHeight (mm)44Otic typeTechnopdymeTIR LensWeight (g)46Optical optionalNoneIP RatingIP66 IP68Maximal working50° CIK ratingSquareMininal working temperature20° CShapeAluminum / AluminiumMaximal static load (kN)5Finishing colourAnodized 200 aluminumValk-overNoAnicorodal 6082, Anodized 002Maximal surface temperature50° CAndized 201 aluminumHaximal surface temperature160° CBody materialAnodized 201 aluminum 0162Haximal surface temperatureHaximal surface temperatureBody materialAnodized 201 alu | | | | |
|--|--------------------------|----------------------------|-----------------------------|------------------------|
| Height (mm)44Optic typeTechnopolymer TIR LensWeight (g)46Optical optionalNoneIP RatingIP66 / IP68Maximal working+50° CIK ratingK09temperature-20° CShapeSquareMaximal static load (kN)5Finishing colourAluminium / AluminiumMaximal static load (kN)5Frame materialAnodized 20u aluminumWalk-overYesAnodized 20u aluminumHaximal surface temperature+50° COptior - overNo1/ A2Body materialAnodized 20u aluminum+50° CBody materialAnodized 20u aluminum+50° CAnicorodal 6082Anodized 20u aluminum+50° Canticorodal 6082-+Anodized 20u aluminum+anticorodal 6082-Anodized 20u aluminum+Anodized 20u aluminum+Anodized 20u aluminum+Anodized 20u aluminum+Anodized 20u aluminum+Anodized 20u aluminum+Anodized 20u aluminum+Anticorodal 6082+Anodized 20u aluminum+Anticorodal 6082+Anticorodal 6082 | Width (mm) | 29 | Diffuser thickness (mm) | 4 |
| Weight (g)46Optical optionalNoneIP RatingIP66 / IP68Maximal working $\pm 50^\circ$ CIK ratingIK09temperature 20° CShapeSquareMinimal working temperature 20° CFinishing colourAluminium / AluminiumMaximal static load (kN)5Frame material Du aluminum anticorodal 602 Maximal surface temperature 50° CBody material EndogrameAnodized 20u aluminum $1000000000000000000000000000000000000$ | Length (mm) | 29 | Class ISO 9223 | C5 |
| IP Rating IP66 / IP68 Maximal working +50° C IK rating IK09 temperature Shape Square Minimal working temperature -20° C Finishing colour Aluminium / Aluminium Maximal static load (kN) 5 Frame material Anodized 20u aluminum Walk-over Yes anticorodal 6082, Anodized Driver-over No 20u aluminum anticorodal 6082 Anodized 20u aluminum +50° C Body material Anodized 20u aluminum +50° C Aluminum anticorodal anticorodal 6082, Anodized Anodized 200 aluminum +50° C anticorodal 6082, Anodized Anodized 200 aluminum +50° C Body material Anodized 200 aluminum +50° C anticorodal 6082 Anodized 200 aluminum +50° C anticorodal 6082 Aluminum +50° C Body material Anodized 200 aluminum +50° C anticorodal 6082 +50° C +50° C External screws material Stainless steel 316L (A4) +50° C | Height (mm) | 44 | Optic type | Technopolymer TIR Lens |
| IK rating IKO9 temperature Shape Square Minimal working temperature -20° C Finishing colour Aluminium / Aluminium Maximal static load (kN) 5 Frame material Anodized 20u aluminum Walk-over Ves anticorodal 6082, Anodized Driver-over No 20u aluminum anticorodal 6082 Areas EN 60598-2-13 Al / A2 Body material Anodized 20u aluminum Stainless steel 316L (A4) Stainless steel 316L (A4) | Weight (g) | 46 | Optical optional | None |
| Shape Square Minimal working temperature -20° C Finishing colour Aluminium / Aluminium Maximal static load (kN) 5 Frame material Anodized 20u aluminum Walk-over Yes anticorodal 6082, Anodized Driver-over No 20u aluminum anticorodal Anodized 20u aluminum +50° C 6082 Areas EN 60598-2-13 Al / A2 Body material Anodized 20u aluminum +50° C inticorodal 6082 Areas EN 60598-2-13 Al / A2 External screws material Stainless steel 316L (A4) +50° C | IP Rating | IP66/IP68 | Maximal working | +50° C |
| Finishing colourAluminium / AluminiumMaximal static load (kN)5Frame material anticorodal 6082, Anodized anticorodal 6082, Anodized 020 aluminum anticorodal 6082Walk-overVesMaximal surface temperature Areas EN 60598-2-1350° CAl / A2Body material anticorodal 6082Anodized 200 aluminum anticorodal 6082Al / A2External screws materialStainless steel 316L (A4)Stainless steel 316L (A4) | IK rating | IK09 | temperature | |
| Frame materialAnodized 20u aluminum anticorodal 6082, Anodized 20u aluminum anticorodal 6082Walk-overYesZou aluminum anticorodal 6082Driver-overNoMaximal surface temperature+50° CAreas EN 60598-2-13A1 / A2Anodized 20u aluminum anticorodal 6082Stainless steel 316L (A4) | Shape | Square | Minimal working temperature | -20° C |
| anticorodal 6082, Anodized 20u aluminum anticorodal 6082Driver-overNoMaximal surface temperature 4082+50° CMaximal surface temperature anticorodal 6082, Anodized 20u aluminum anticorodal 6082Areas EN 60598-2-13A1 / A2External screws materialStainless steel 316L (A4)Stainless steel 316L (A4)Stainless steel 316L (A4) | Finishing colour | Aluminium / Aluminium | Maximal static load (kN) | 5 |
| 20u aluminum anticorodal 6082Maximal surface temperature+50° CAreas EN 60598-2-13A1 / A2Anodized 20u aluminum anticorodal 6082 | Frame material | Anodized 20u aluminum | Walk-over | Yes |
| 6082 Areas EN 60598-2-13 A1 / A2 Body material Anodized 20u aluminum anticorodal 6082 Father of the set of the s | | anticorodal 6082, Anodized | Driver-over | No |
| Body material Anodized 20u aluminum anticorodal 6082 External screws material Stainless steel 316L (A4) | | 20u aluminum anticorodal | Maximal surface temperature | +50° C |
| anticorodal 6082 External screws material Stainless steel 316L (A4) | | 6082 | Areas EN 60598-2-13 | A1/A2 |
| External screws material Stainless steel 316L (A4) | Body material | Anodized 20u aluminum | | |
| | | anticorodal 6082 | | |
| Diffuser material Extraclear tempered glass | External screws material | Stainless steel 316L (A4) | | |
| | Diffuser material | Extraclear tempered glass | | |

Electrical data

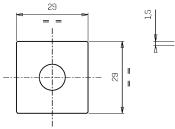
| Nominal power (W) | 1 | Electrical connection | Parallel connection |
|---------------------------|--------------------------------------|-----------------------------|---------------------|
| Power supply (input power | Costant voltage - 24V | Idroskud® protection | Yes |
| type) | | Inverse polarity protection | Yes |
| Ballast | Remote | Voltage spikes protection | Yes |
| Insulation class | | | |
| Dimmable | Yes | | |
| Power cable type | FR5F0EM7 - AD8 2x0,5 mm ² | | |
| Power cable length | 15 m (verify voltage drop) | | |

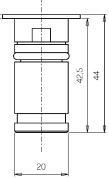


Photometry



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 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

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