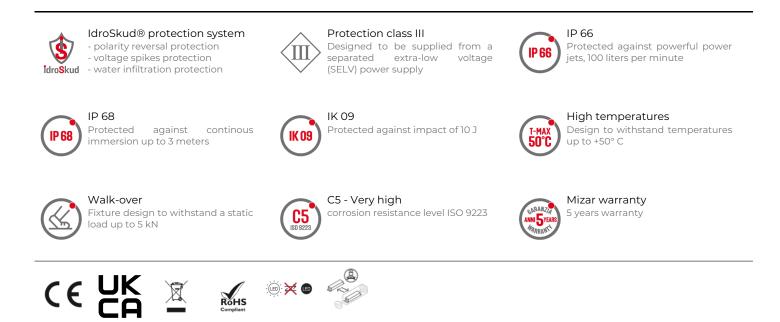


# OCEANO 1.1 OCEANO 1.1 1W AL-AL 15° 4000K 24V 0,4M

Cod: CEA01FCS000A00



## 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
CCT	4000K	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)	126	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	70	Efficiency class	This product contains a light
Light emission	Narrow		source of energy efficiency
Beam angle	15°		class (EU2019/2015): E

#### Mechanical data

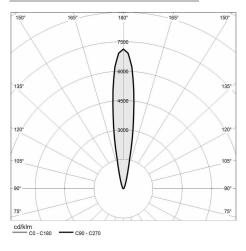
Length (mm)96Class ISO 9223CHeight (mm)44Otic typeTechnopdymeTIR LensWeight (g)46Optical optionalNoneIP RatingIP66 IP68Maximal working50° CIK ratingSquareMininal working temperature20° CShapeAluminum / AluminiumMaximal static load (kN)5Finishing colourAnodized 200 aluminumValk-overNoAnicorodal 6082, Anodized 002Maximal surface temperature50° CAndized 201 aluminumHaximal surface temperature50° CBody materialAnodized 201 aluminumHaximal surface temperature100 aluminumBody materialAnodized 201 aluminum100 aluminum100 aluminumBody materialAnodized 201 aluminum100 aluminum100 aluminumBody materialAnodized 201 aluminum100 aluminum100 aluminumAnodized 201 aluminum100 aluminum100 aluminumAnodized 20				
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° CAnodized 20u aluminumHaximal surface temperature+50° CAnodized 20u aluminumAnodized 20u aluminum+50° CAnodized 20u aluminum+50° CAnodizedAnodized 20u aluminum+50° CAnodized 20u aluminum+50° CAnodized 20u aluminum+50° CAnodized 20u aluminum+50° CAnticorodal 6082-Anticorodal 6082 <td< td=""><td>Width (mm)</td><td>29</td><td>Diffuser thickness (mm)</td><td>4</td></td<>	Width (mm)	29	Diffuser thickness (mm)	4
Weight (g)46Optical optionalNoneIP RatingIP66 / IP68Maximal working $\pm 50^\circ$ CIK ratingIK09temperature $20^\circ$ CShapeSquareMinimal working temperature $20^\circ$ CFinishing colourAluminium / AluminiumMaximal static load (kN)5Frame material Du aluminum anticorodal $602$ Maximal surface temperature $50^\circ$ 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 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   Anodized 200 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
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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

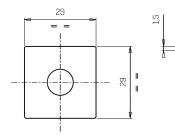
Nominal power (W)	1	Electrical connection	Parallel connection
Power supply (input power	Costant voltage - 24V	Idroskud® protection	Yes
type)		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class			
Dimmable	Yes		
Power cable type	FR5F0EM7 - AD8 2x0,5 mm <sup>2</sup>		
Power cable length	0,4 m		

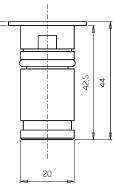


#### Photometry



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 OCEANO1

Cod: CEAZZZ014







NOT DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz ON/OFF 24V14,4W 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