



## OCEANO 1.0

# OCEANO 1.0 1W ST-ST 40° 3000K 24V 0,4M

Cod: CEA00DCL001A00



#### 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



#### IP 66

Protected against powerful power jets, 100 liters per minute

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#### IP 68

Protected against continous immersion up to 3 meters



#### IK 09

Protected against impact of 10  ${\tt J}$ 



#### High temperatures

Design to withstand temperatures up to  $+50^{\circ}$  C



#### Walk-over

Fixture design to withstand a static load up to 5 kN



#### CX - Extreme

corrosion resistance level ISO 9223



#### Mizar warranty

5 years warranty











### 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.



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## Lighting data

Source type	single chip power LED
CCT	3000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	126
Luminaire lumen output (lm)	64
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

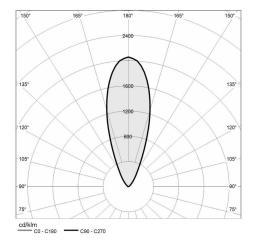
Nominal power (W)	1
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	FR5F0EM7 - AD8 2x0,5 mm <sup>2</sup>
Power cable length	0,4 m

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

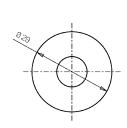


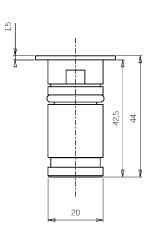
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## Photometry



## Technical drawing





## Accessories



DRAINING OUTERCASE

Outercase draining OCEANO 1

Cod: CEAZZZ000

SLIM DRAINING OUTERCASE

Outercase draining slim OCEANO 1

Cod: CEAZZZZ001



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