

OCEANO 1.0

OCEANO 1.0 1W ST-ST 25° 4000K 24V
10M

Cod: **CEA00FCM001M00**

**IdroSkud® protection system**

- polarity reversal protection
- voltage spikes protection
- 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

**IP 68**

Protected against continuous 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 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 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
CCT	4000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	126
Luminaire lumen output (lm)	71
Light emission	Medium
Beam angle	25°

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 temperature	+50° C
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 type)	Costant voltage - 24V
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	FR5FOEM7 - 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

Photometry



Technical drawing



Accessories



DRAINING OUTERCASE

Outer case draining OCEANO 1

Cod: CEAZZZ000



SLIM DRAINING OUTERCASE

Outer case draining slim OCEANO 1

Cod: CEAZZZ001



SLIM WATER-PROOF OUTERCASE

Outer case 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