



# OCEANO 2.0

OCEANO 2.0 ST-BR ROUND 10° 4000K  
-10M

Cod: **CEA02FCS003M00**



#### 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 07

Protected against impact of 2 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 2W 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. There are optionals for anti-glare (honeycomb) and installation accessories (draining and waterproof outercase and spring for ceiling attachment).

## Lighting data

Source type	single chip power LED	Photobiological risk	RG0
CCT	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)	157	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	96	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Narrow		
Beam angle	10°		

## Mechanical data

Diameter (mm)	40	Diffuser thickness (mm)	6
Height (mm)	76	Class ISO 9223	CX
Weight (g)	220	Optic type	Technopolymer TIR Lens
IP Rating	IP66 / IP68	Optical optional	None
IK rating	IK07	Maximal working temperature	+50° C
Shape	Round	Minimal working temperature	-20° C
Finishing colour	Steel / Brass	Maximal static load (kN)	5
Frame material	Brass	Walk-over	Yes
Body material	Stainless steel 316L	Driver-over	No
External screws material	Stainless steel 316L (A4)	Maximal surface temperature	+50° C
Diffuser material	Extraclear tempered glass	Areas EN 60598-2-13	A1 / A2

## Electrical data

Nominal power (W)	2	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V	Idroskud® protection	Yes
Ballast	Remote	Inverse polarity protection	Yes
Insulation class	III	Voltage spikes protection	Yes
Dimmable	Yes		
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>		
Power cable length	10 m (verify voltage drop)		

Photometry

10°



Technical drawing



Accessories



**DRAINING OUTERCASE**

OuterCase draining OCEANO 2

Cod: CEAZZ003



**SLIM DRAINING OUTERCASE**

OuterCase draining slim OCEANO 2

Cod: CEAZZ004



**SLIM WATER-PROOF OUTERCASE**

OuterCase waterproof slim OCEANO 2

Cod: CEAZZ005



**SPRING FOR CEILING MOUNTING**

Spring for ceiling mounting OCEANO 2

Cod: CEAZZ015



**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 ON/OFF  
24V 24W IP67 DALI

Cod: MID0021