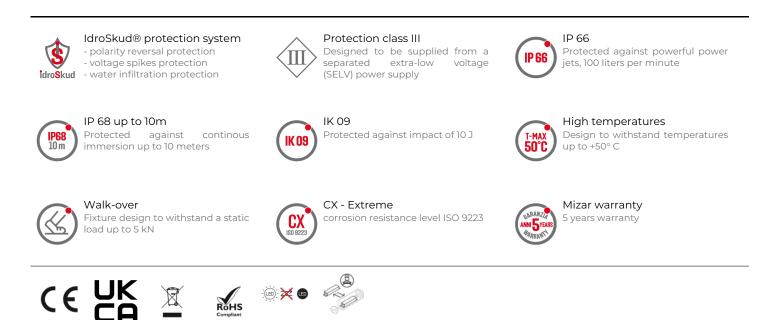


# OCEANO 4.1 OCEANO 4.1 7W ST-BR ELL 3000K 24V LV 10M

Cod: CEA09DCE203M00



# Technical description

Inground luminaire, walk-over, suitable for outdoor and underwater environments up to 10 m (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 7W power Led chip powered at 24V constant voltage with integrated driver. The luminous flux makes it ideal for marking pedestrian paths or illuminating architectural details. The source is recessed 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 louvre) and installation accessories (draining and waterproof outercase and spring for ceiling attachment). 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	3000K	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)	445	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	330	Efficiency class	This product contains a light
Light emission	Elliptical		source of energy efficiency
Beam angle	15°x60°		class (EU2019/2015): G

### Mechanical data

Width (mm)	90	Diffuser thickness (mm)	8
Length (mm)	90	Class ISO 9223	СХ
Height (mm)	114	Optic type	Technopolymer TIR Lens
Weight (g)	798	Optical optional	Louvre
IP Rating	IP66 / IP68 10m	Maximal working	+50° C
IK rating	IK09	temperature	
Shape	Square	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
Diffuser material	Extraclear tempered glass	Maximal surface temperature	+50° C
		Areas EN 60598-2-13	A1/A2

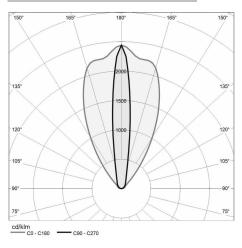
#### Electrical data

Nominal power (W)	7	Electrical connection	Pai
Power supply (input power	Costant voltage - 24V	Idroskud® protection	Yes
type)		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	
Insulation class	111		
Dimmable	Yes		
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>		
Power cable length	10 m (verify voltage drop)		

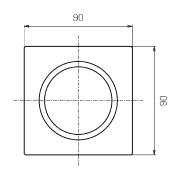
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

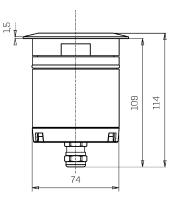


#### Photometry



Technical drawing





Accessories



DRAINING OUTERCASE
Outercase draining OCEANO 4

Cod: CEAZZZ010



SLIM DRAINING OUTERCASE Outercase draining slim OCEANO 4

Cod: CEAZZZ011





SLIM WATER-PROOF OUTERCASE Outercase waterproof slim OCEANO 4

Cod: CEAZZZ012

**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

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