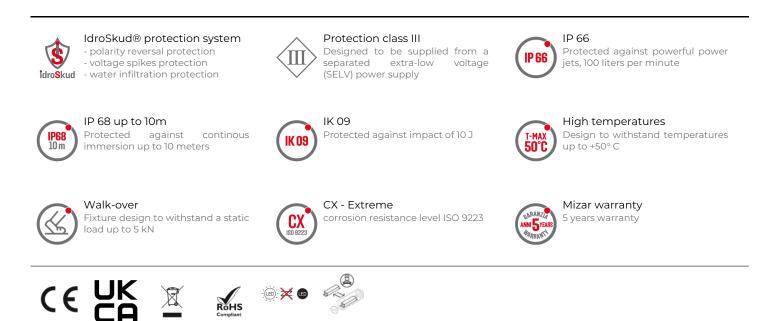




# OCEANO 4.1 OCEANO 4.1 ST-BR SQUARE 60° 4000K HONEYCOMB-15M

Cod: CEA09FCL103P00



# 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).



### Lighting data

Source type	single chip power LED	Photobiological risk	RGO
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)	445	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	352	Efficiency class	This product contains a light
Light emission	Wide		source of energy efficiency
Beam angle	60°		class (EU2019/2015): G

#### Mechanical data

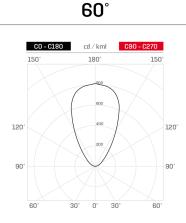
Width (mm)	90	Diffuser thickness (mm)	8
Length (mm)	90	Class ISO 9223	CX
Height (mm)	114	Optic type	Technopolymer TIR Lens
Weight (g)	1550	Optical optional	Honeycomb
IP Rating	IP66 / IP68 10m	Maximal working	+50° C
IK rating	IK09	temperature	
Shape	Square	Minimal working temperature	-20° C
Finishing 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

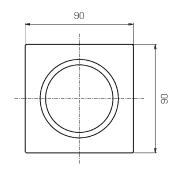
Nominal power (W)	7	Electrical connection	Parallel connection
Power supply (input power	Costant voltage - 24V	Idroskud® protection	Yes
type)		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class	111		
Dimmable	Yes		
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>		
Power cable length	15 m (check voltage drop), 15		
	m (verify voltage drop)		

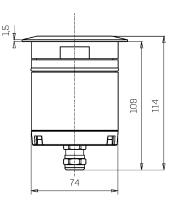


#### Photometry



## Technical drawing





Accessories



Cod: CEAZZZ010

Cod: CEAZZZ011



Cod: CEAZZZ012

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

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