DATA SHEET





# OCEANO 4.2 **DRIVE-OVER**

voltage

OCEANO 4.2 7W ST-ST ELL 2700K 24V LV 10M

Cod: CEA10CCE201M00

Protection class III

(SELV) power supply

separated



IdroSkud® protection system - polarity reversal protection - voltage spikes protection idroSkud - water infiltration protection



IP 68 up to 10m Protected continous against immersion up to 10 meters



C

Ш

IK 09 Protected against impact of 10 J

Designed to be supplied from a

extra-low



**IP 66** 

IP 66

High temperatures Design to withstand temperatures up to +50° C

Protected against powerful power

jets, 100 liters per minute



Driver-over Fixture design to withstand a static load up to 20 kN

RoHS



CX - Extreme corrosion resistance level ISO 9223



Mizar warranty 5 vears warrantv

## Technical description

Inground luminaire, drive-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 or steel. 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 (drive-over outercase). 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
ССТ	2700K	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)	313	Efficiency class	This product contains a light
Light emission	Elliptical		source of energy efficiency
Beam angle	15°x60°		class (EU2019/2015): G

#### Mechanical data

Diameter (mm)	125	Diffuser thickness (mm)	8
Height (mm)	114	Class ISO 9223	CX
Weight (g)	1774	Optic type	Technopolymer TIR Lens
IP Rating	IP66 / IP68 10m	Optical optional	Louvre
IK rating	IK09	Maximal working	+50° C
Shape	Round	temperature	
Finishing colour	Steel / Steel	Minimal working temperature	-20° C
Frame material	Stainless steel 316L	Maximal static load (kN)	20
Body material	Stainless steel 316L	Walk-over	Yes
External screws material	Stainless steel 316L (A4)	Driver-over	Yes
Diffuser material	Extraclear tempered glass	Maximal surface temperature	+50° C
		Areas EN 60598-2-13	A1 / A2 / A3 / A4

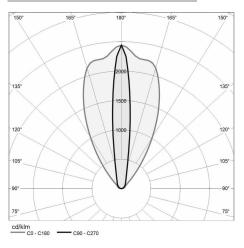
#### Electrical data

Nominal power (W)	7	EI
Power supply (input power	Costant voltage - 24V	Id
type)		In
Ballast	Remote	Vo
Insulation class	111	
Dimmable	Yes	
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>	
Power cable length	10 m (verify voltage drop)	

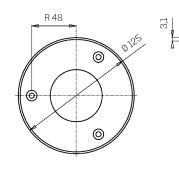
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

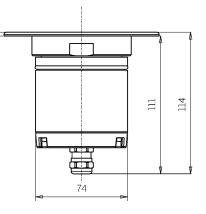


#### Photometry



Technical drawing





Accessories





DIMMABLE POWER SUPPLY

Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021 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



DRIVE-OVER OUTERCASE Outercase drive-over OCEANO 4

Cod: CEAZZZ013