OCEANO 4.2 DRIVE-OVER

OCEANO 4.2 7W AL-AL 20° 4000K 24V 10M

Model: **CEAFDM086**

Cod: **CEA10FCM000M00**

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

IP 66
Protected against powerful power jets, 100 liters per minute

IK 09
Protected against impact of 10 J

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

Drive-over
Fixture design to withstand a static load up to 2000kg

C5 - Very high
corrosion resistance level ISO 9223

Mizar warranty
5 years warranty

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.

MIZAR is a brand of REER SPA
Via Carcano 32 - 10153 - Torino, Italy
Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it

Lighting data

Source type	single chip power LED	Photobiological risk	RG0
CCT	4000K	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)	370	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): G
Light emission	Medium		
Beam angle	20°		

Mechanical data

Diameter (mm)	125	Diffuser thickness (mm)	8
Height (mm)	114	Class ISO 9223	C5
Weight (Kg)	0.72	Optic type	Technopolymer TIR Lens
IP Rating	IP66 / IP68 10m	Optical optional	None
IK rating	IK09	Maximal working temperature	+50° C
Shape	Round	Minimal working temperature	-20° C
Finishing colour	Aluminium / Aluminium	Maximum static load (kg)	2000
Frame material	Anodized 20um aluminum anticorodal 6082	Walk-over	Yes
Body material	Anodized 20um aluminum anticorodal 6082	Drive-over	Yes
External screws material	Stainless steel 316L (A4)	Maximal surface temperature	+50° C
Diffuser material	Extraclear tempered glass	Areas EN 60598-2-13	A1 / A2 / A3 / A4

Electrical data

Nominal power (W)	7	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V DC	Idroskud® protection	Yes
Ballast	Remote	Inverse polarity protection	Yes
Insulation class	III	Voltage spikes protection	Yes
Dimmable	Yes (PWM)		
Power cable type	H05RN - F 2x0,75 mm^2		
Power cable length	10 m (verify voltage drop)		

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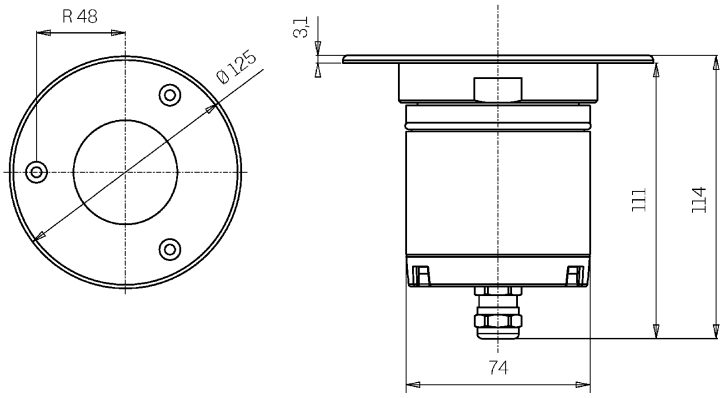
Photometry

Technical drawing



Accessories

DRIVE-OVER OUTERCASE

Outercase drive-over OCEANO 4

Cod: CEAZZZ013

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