OCEANO 9.1

OCEANO 9.1 3W AC 1RAD 3000K 24V 1,5M

Cod: **CEA16DCR001C00**

Metel: **CEADBR001**

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 at a depth up to 10 meters

IP 66
Protected against powerful water jets (100 liters per minute)

IK 10
Protected against impact of 20 J

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

Walk-over
Fixture design to withstand a static load up to 500kg

CX - Extreme
corrosion resistance level ISO 9223

Mizar warranty
5 years warranty

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. The light source consists of a single 3W power Led chip powered at 24V constant voltage with integrated driver. The various angles of grazing emission make it ideal for marking pedestrian paths or illuminating. 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. Installation accessories (draining and waterproof outercase) are provided. 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	3000K	ULR	81.00%
CRI	> 90	BUG Rating	B0 U2 G0
MacAdam (SDCM)	2	CIE Flux Code	0 0 0 19 100
Source lumen output (lm)	236	LED lifetime	L90 B10 50.000h (Ta +25°C)
Luminaire lumen output (lm)	25	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Single grazing		
Beam angle	30° x 1		

Mechanical data

Diameter (mm)	60	Class ISO 9223	CX
Height (mm)	105	Optic type	Optical silicone
Weight (Kg)	0.673	Optical optional	None
IP Rating	IP66 / IP68 10m	Maximal working temperature	+50° C
IK rating	IK10	Minimal working temperature	-20° C
Shape	Round	Maximum static load (kg)	500
Finishing colour	Steel / Steel	Walk-over	Yes
Frame material	Stainless steel 316L	Drive-over	No
Body material	Stainless steel 316L	Maximal surface temperature	+50° C
External screws material	Stainless steel 316L (A4)	Areas EN 60598-2-13	A1 / A2

Electrical data

Nominal power (W)	3	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 mm²		
Power cable length	1,5 m		

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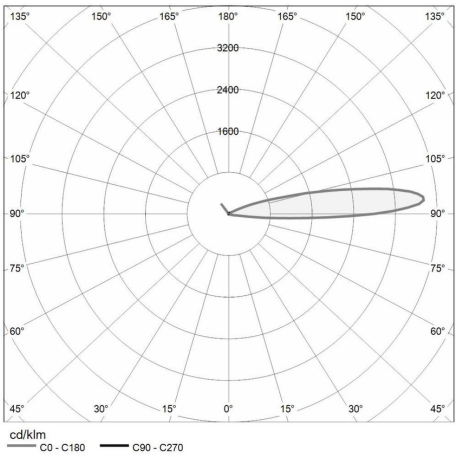
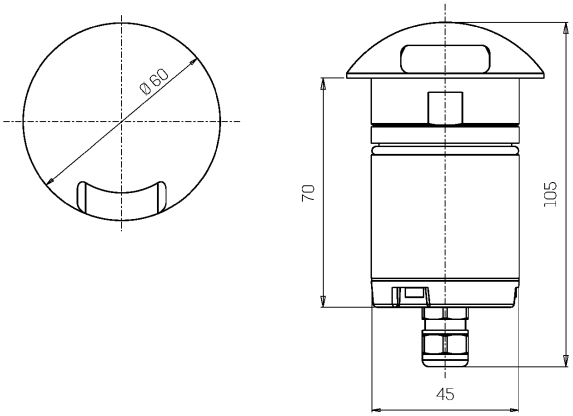
Photometry



Technical drawing



Accessories

DRAINING OUTERCASE

Outercase draining OCEANO 3 / OCEANO 9

Cod: CEAZZZ006

SLIM DRAINING OUTERCASE

Outercase draining slim OCEANO 3 / OCEANO 9

Cod: CEAZZZ007

SLIM WATER-PROOF OUTERCASE

Outercase waterproof slim OCEANO 3 / OCEANO 9

Cod: CEAZZZ008

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

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