



# OCEANO 3.0 OCEANO 3.0 3W AL-AL 10° 4000K 24V IV5M

Cod: CEA04FCS200H00

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 against continous immersion up to 10 meters



Ш

IK 10 Protected against impact of 20 J

Designed to be supplied from a

extra-low

voltage



**IP 66** 

IP 66

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

Protected against powerful power

jets, 100 liters per minute



Walk-over Fixture design to withstand a static load up to 5 kN



C5 - Very high corrosion resistance level ISO 9223



Mizar warranty 5 vears warrantv

# 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 3W 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	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)	236	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	152	Efficiency class	This product contains a light
Light emission	Narrow		source of energy efficiency
Beam angle	10°		class (EU2019/2015): F

#### Mechanical data

Diameter (mm)	60	Diffuser thickness (mm)	8
Height (mm)	93	Class ISO 9223	C5
Weight (g)	270	Optic type	Technopolymer TIR Lens
IP Rating	IP66/IP6810m	Optical optional	Louvre
IK rating	IK10	Maximal working	+50° C
Shape	Round	temperature	
Finishing colour	Aluminium / Aluminium	Minimal working temperature	-20° C
Frame material	Anodized 20u aluminum	Maximal static load (kN)	5
	anticorodal 6082, Anodized	Walk-over	Yes
	20u aluminum anticorodal	Driver-over	No
	6082	Maximal surface temperature	+50° C
Body material	Anodized 20u aluminum	Areas EN 60598-2-13	A1/A2
	anticorodal 6082		
External screws material	Stainless steel 316L (A4)		
Diffuser material	Extraclear tempered glass		

#### Electrical data

Nominal power (W)	3	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	5 m		

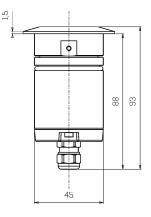


#### Photometry

# 

## Technical drawing





Accessories



DRAINING OUTERCASE
Outercase draining OCEANO 3

Cod: CEAZZZ006



SLIM DRAINING OUTERCASE Outercase draining slim OCEANO 3

Cod: CEAZZZ007





SLIM WATER-PROOF OUTERCASE Outercase waterproof slim OCEANO 3

Cod: CEAZZZ008

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



SPRING FOR CEILING MOUNTING Spring for ceiling mounting OCEANO 3

Cod: CEAZZZ018

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