



OCEANO 4.1 RGBW

OCEANO 4.1 8W ST-ST 26° RGBW 24V PWM HC 1,5M

Cod: CEA09PCM101C00



IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection
- idroSkud water infiltration protection



Protection class III

Designed to be supplied from a separated extra-low voltage (SELV) power supply



IP 66

Protected against powerful power jets, 100 liters per minute

date: 29/04/2025



IP 68 up to 10m

Protected against continous immersion up to 10 meters



IK 09

Protected against impact of 10 J



High temperatures

Design to withstand temperatures up to +50° C



Walk-over

Fixture design to withstand a static load up to 5 kN



C5 - Very high

corrosion resistance level ISO 9223



RGBW luminaire

Light source allows to mix colours controlling four channels



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. To provide maximum versatility of application, the body can be made of aluminum or steel; the frame, aluminum, steel or brass. The light source is a multi-chip LED RGBW powered by constant voltage 24V, for maximum power of 8W, paired with a specific color-mixing TIR lens. 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

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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	multi-chip LED
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	640
Luminaire lumen output (lm)	329
Light emission	Medium

Beam angle	26°
Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U3 G0
CIE Flux Code	0 0 0 0 100
LED lifetime	L80 B10 50.000h

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Mechanical data

Width (mm)	90
Length (mm)	90
Height (mm)	114
Weight (g)	640
IP Rating	IP66 / IP68 10m
IK rating	IK09
Shape	Square
Finishing colour	Steel / Steel
Frame material	Stainless steel 316L
Body material	Stainless steel 316L
Diffuser material	Extraclear tempered glass

Diffuser thickness (mm)	8
Class ISO 9223	CX
Optic type	Technopolymer TIR Lens
Optical optional	Honeycomb
Maximal working	+50° C
temperature	
Minimal working temperature	-20° C
Maximal static load (kN)	5
Walk-over	Yes
Driver-over	No
Maximal surface temperature	+50° C
Areas EN 60598-2-13	A1 / A2

Electrical data

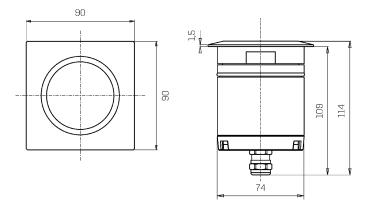
Nominal power (W)	8
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Power cable type	FR5F0EM7-AD8 6x0,5 mm ²
Power cable length	1,5 m

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



Photometry

Technical drawing



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