OCEANO 4.1 RGBW

OCEANO 4.1 8W ST-ST 5° RGBW 24V PWM HC 10M

Cod: **CEA09PCS101M00**

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 66
Protected against powerful power jets, 100 liters per minute

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

CE UKCA RoHS Compliant

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

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

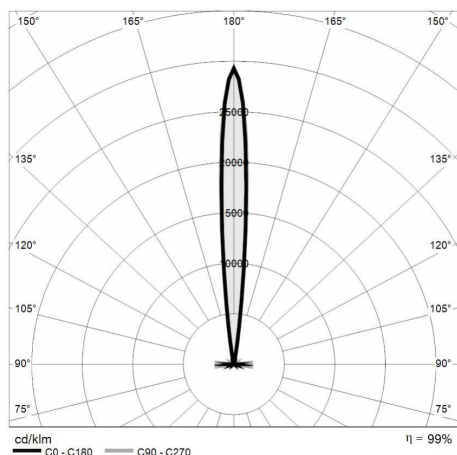|			
Source type	multi-chip LED	Beam angle	5°
CCT	RGBW (4000K)	Photobiological risk	RG0
CRI	> 80	ULR	100.00%
MacAdam (SDCM)	3	BUG Rating	B0 U3 G0
Source lumen output (lm)	640	CIE Flux Code	0 0 0 0 100
Luminaire lumen output (lm)	282	LED lifetime	L80 B10 50.000h
Light emission	Narrow		

Mechanical data

Width (mm)	90	Diffuser thickness (mm)	8
Length (mm)	90	Class ISO 9223	CX
Height (mm)	114	Optic type	Technopolymer TIR Lens
Weight (g)	640	Optical optional	Honeycomb
IP Rating	IP66 / IP68 10m	Maximal working temperature	+50° C
IK rating	IK09		
Shape	Square	Minimal working temperature	-20° C
Finishing colour	Steel / Steel	Maximal static load (kN)	5
Frame material	Stainless steel 316L	Walk-over	Yes
Body material	Stainless steel 316L	Driver-over	No
Diffuser material	Extraclear tempered glass	Maximal surface temperature	+50° C
		Areas EN 60598-2-13	A1 / A2

Electrical data

Nominal power (W)	8	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V	Idroskud® protection	Yes
		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class	III		
Dimmable	Yes (PWM)		
Power cable type	FR5FOEM7-AD8 6x0,5 mm²		
Power cable length	10 m		

Photometry

cd/klm

■■ C0 - C180   ■■ C90 - C270

η = 99%

Technical drawing

Accessories

DRAINING OUTERCASE

Outercase draining OCEANO 4

Cod: CEAZZZ010

SLIM DRAINING OUTERCASE

Outercase draining slim OCEANO 4

Cod: CEAZZZ011

SLIM WATER-PROOF OUTERCASE

Outercase waterproof slim OCEANO 4

Cod: CEAZZZ012

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

RGBW CONTROL UNIT

Control unit WT5 5-channel RGBW PWM/WiFi

Cod: MID0023

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 70W 2,9A IP67

Cod: MID0028

NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 150W 6,25A IP67

Cod: MID0029

DIMMABLE POWER SUPPLY

Power supply DC 24V 120W 5A IP67 DALI2/PWM

Cod: MID0030

DIMMABLE POWER SUPPLY

Power supply DC 24V 200W 5A IP67 DALI2/PWM

Cod: MID0031

RGBW REMOTE

Remote control RGBW RT 4zone RF 2.4gHz

Cod: MID1000

RGBW TOUCH PANEL

Touch wall panel RGBW 4 zone

Cod: MID1001