



# OCEANO 3.1

# OCEANO 3.1 ST-BR SQUARE 40° 4000K **HONEYCOMB-5M**

Cod: CEA05FCL103H00



#### IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection



#### Protection class III

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



Protected against powerful power jets, 100 liters per minute

date: 22/11/2024



#### IP 68 up to 10m

Protected against continous immersion up to 10 meters



#### 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 5 kN



#### 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. 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).



date: 22/11/2024

# Lighting data

Source type	single chip power LED
CCT	4000K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	236
Luminaire lumen output (lm)	144
Light emission	Wide
Beam angle	40°

Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U1 G0
CIE Flux Code	0 0 0 0 100
LED lifetime	L80 B10 50.000h
Efficiency class	This product contains a light
	source of energy efficiency
	class (EU2019/2015): F

# Mechanical data

Width (mm)	60
Length (mm)	60
Height (mm)	93
Weight (g)	650
IP Rating	IP66 / IP68 10m
IK rating	IK10
Shape	Square
Finishing colour	Steel / Brass
Frame material	Brass
Body material	Stainless steel 316L
External screws material	Stainless steel 316L (A4)
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)	3
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>
Power cable length	5 m

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

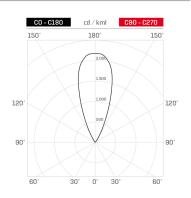


mizar Lighting yourway

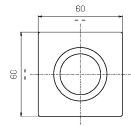
ATA SHEET date: 22/11/2024

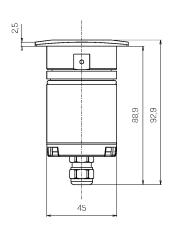
### Photometry

# 40°



# 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 ON/OFF
24V 24W IP67 DALI
Cod: MID0021