OCEANO 3.0 WOOD EFFECT

OCEANO 3.0 3W AL-TP 40° 4000K 24V 0,4M

Cod: **CEA04FCL005A00**

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 07
Protected against impact of 2 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

CE   UKCA   RoHS Compliant

Technical description

Inground luminaire, walk-over, suitable for outdoor environments (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 is made of a special technopolymer that is extremely resistant to corrosion and imitates the appearance of wood. 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 tracing pedestrian paths or achieving a starry ceiling effect, thanks to the different emission angles. 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. There are optionals for anti-glare (honeycomb) 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	RG0
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)	144	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): G
Light emission	Wide		
Beam angle	40°		

Mechanical data

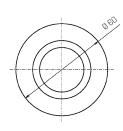|			
Diameter (mm)	60	Class ISO 9223	CX
Height (mm)	93	Optic type	Technopolymer TIR Lens
Weight (g)	327	Optical optional	None
IP Rating	IP66 / IP68 10m	Maximal working temperature	+50° C
IK rating	IK07		
Shape	Round	Minimal working temperature	-20° C
Finishing colour	Wood effect / Aluminium	Maximal static load (kN)	5
Frame material	Technopolymer	Walk-over	Yes
Body material	Anodized aluminum anticorodal 6082	Driver-over	No
		Maximal surface temperature	+50° C
Diffuser material	Extraclear tempered glass	Areas EN 60598-2-13	A1 / A2
Diffuser thickness (mm)	8		

Electrical data

Nominal power (W)	3	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		
Power cable type	H05RN - F 2x0,75 mm²		
Power cable length	0,4 m		

Photometry

cd/klm
η = 100%
C0 - C180   C90 - C270

Technical drawing

Ø 60
1,5
88
93
45

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

SPRING FOR CEILING MOUNTING

Spring for ceiling mounting OCEANO 3

Cod: CEAZZZ018

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