ELIOS 1.1 RGBW

ELIOS 1.1 13W AN.BLACK 26° RGBW 24V PWM HC 1,5M

Cod: **ELS01PCM101C00**

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 67
Protected against temporary immersion (30 minutes) up to 1 meter

IK 10
Protected against impact of 20 J

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

C5 - Very high
corrosion resistance level ISO 9223

RGBW luminaire
Light source allows to mix colours controlling four channels

Mizar warranty
5 years warranty

UKCA | RoHS Compliant

Technical description

Floodlight suitable for outdoor environments (IP66/IP67), with operating temperature range: -20°C / +50°C. To reduce weight and ensure corrosion resistance, the body is made of aluminum. The aluminumbody is protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray. The light source is a multi-chip LED RGBW powered by constant voltage 24V, for maximum power of 13W. The high luminous flux makes it ideal for marking pedestrian and driveway paths or illuminating facades and architectural details thanks to the optics with color-mixing TIR lens. The LED source is recessed for greater visual comfort. Elios 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 accessory for installation in the ground (stake). 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	Photobiological risk	RG0
CCT	RGBW (4000K)	ULR	0.00%
CRI	> 80	BUG Rating	B0 U0 G0
MacAdam (SDCM)	3	CIE Flux Code	96 99 99 100 100
Source lumen output (lm)	1142	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	587		
Light emission	Medium		
Beam angle	26°		

Mechanical data

Width (mm)	130	Body material	Anodized aluminum anticorodal 6082
Length (mm)	127		
Height (mm)	160	Diffuser material	Extraclear tempered glass
Weight (g)	2990	Diffuser thickness (mm)	12
IP Rating	IP66 / IP67	Class ISO 9223	C5
IK rating	IK10	Optic type	Technopolymer TIR Lens
Type of finishing	Anodization	Optical optional	Honeycomb
Finishing colour	Black anodized	Maximal working temperature	+50° C
Frame material	Anodized aluminum anticorodal 6082	Minimal working temperature	-20° C

Electrical data

Nominal power (W)	13	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	1,5 m		

Photometry

Technical drawing

130

127

115

160