

ELIOS 1.1 RGBW

ELIOS 1.1 13W AN.BLACK 40° RGBW 24V
PWM 1,5M

Cod: **ELS01PCL001C00**



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



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 aluminum body 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	95 99 100 100 100
Source lumen output (lm)	1142	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	599		
Light emission	Wide		
Beam angle	40°		

Mechanical data

Width (mm)	130	Body material	Anodized aluminum anticorodal 6082
Length (mm)	127	Diffuser material	Extraclear tempered glass
Height (mm)	160	Diffuser thickness (mm)	12
Weight (g)	2990	Class ISO 9223	C5
IP Rating	IP66 / IP67	Optic type	Technopolymer TIR Lens
IK rating	IK10	Optical optional	None
Type of finishing	Anodization	Maximal working temperature	+50° C
Finishing colour	Black anodized	Minimal working temperature	-20° C
Frame material	Anodized aluminum anticorodal 6082		

Electrical data

Nominal power (W)	13	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V	Idroskud® protection	Yes
Ballast	Remote	Inverse polarity protection	Yes
Insulation class	III	Voltage spikes protection	Yes
Dimmable	Yes (PWM)		
Power cable type	FR5FOEM7-AD8 6x0,5 mm ²		
Power cable length	1,5 m		

Photometry

Technical drawing

