

# ELIOS 1.1 RGBW

ELIOS 1.1 13W WH9003 26° RGBW 24V  
PWM 1,5M

Cod: **ELS01PCM0W0C00**



#### 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
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	1142
Luminaire lumen output (lm)	587
Light emission	Medium

Beam angle	26°
Photobiological risk	RG0
ULR	0.00%
BUG Rating	B0 U0 G0
CIE Flux Code	96 99 99 100 100
LED lifetime	L80 B10 50.000h

## Mechanical data

Width (mm)	130
Length (mm)	127
Height (mm)	160
Weight (g)	2990
IP Rating	IP66 / IP67
IK rating	IK10
Type of finishing	Protective primer followed by epoxy and polyester paint
Finishing colour	White RAL9003
Frame material	Anodized aluminum anticorodal 6082

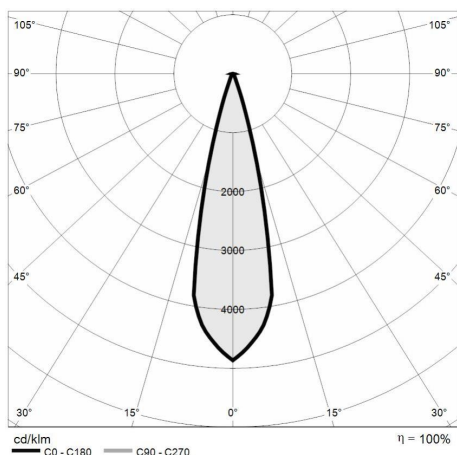
Body material	Anodized aluminum anticorodal 6082
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	12
Class ISO 9223	C5
Optic type	Technopolymer TIR Lens
Optical optional	None
Maximal working temperature	+50° C
Minimal working temperature	-20° C

## Electrical data

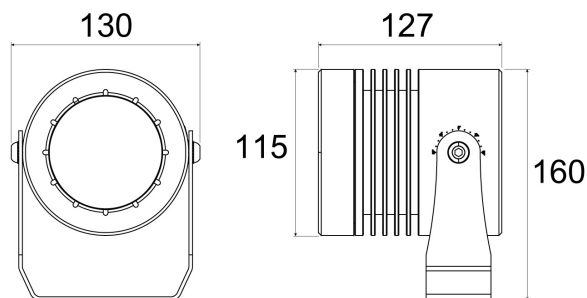
Nominal power (W)	13
Power supply (input power type)	Costant voltage - 24V
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Power cable type	FR5FOEM7-AD8 6x0,5 mm <sup>2</sup>
Power cable length	1,5 m

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

## Photometry



## Technical drawing



## Accessories



### GROUND STAKE

Stake for floodlight - big size

Cod: CEAZZZ017



### 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