ELIOS 1.1 RGBW

ELIOS 1.1 13W AN7016 40° RGBW 24V PWM 1,5M

Cod: **ELS01PCL0G0C00**

Metel: **ELSPBL002**

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

IP 66
Protected against powerful water jets (100 liters per minute)

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 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.

MIZAR is a brand of REER SPA
Via Carcano 32 - 10153 - Torino, Italy
Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it

Lighting data

Source type	multi-chip LED
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	1142 (R=178 G=252 B=46 W=202)
Luminaire lumen output (lm)	521 (R=82 G=115 B=21 W=92)
Light emission	Wide

Beam angle	40°
Photobiological risk	RG1
ULR	0.00%
BUG Rating	B0 U0 G0
CIE Flux Code	95 99 100 100 100
LED lifetime	L90 B10 50.000h (Ta +25°C)

Mechanical data

Width (mm)	130
Length (mm)	127
Height (mm)	160
Weight (Kg)	2.99
IP Rating	IP66 / IP67
IK rating	IK10
Type of finishing	Protective primer followed by epoxy and polyester paint
Finishing colour	Anthracite RAL7016
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 DC
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Power cable type	FR5FOEM7-AD8 6x0,5 mm^2
Power cable length	1,5 m

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

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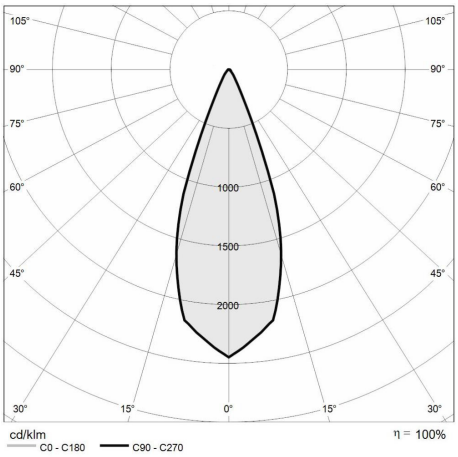
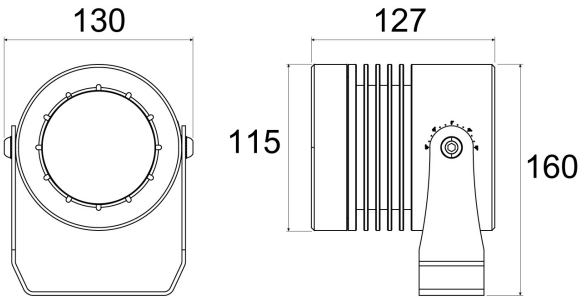
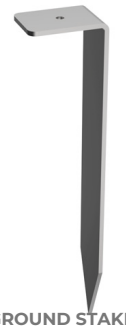
Photometry



Technical drawing



Accessories



GROUND STAKE

Stake for floodlight - big size

Cod: CEAZZZ017

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

CONTROLLER TUYA RGBW

Control unit WT5 5-channel RGBW PWM/WiFi Tuya

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

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DIMMABLE POWER SUPPLY

Power supply DC 24V 200W 5A IP67 DALI2/PWM

Cod: MID0031

RGBW REMOTE

Remote control RGBW RT 1zone RF 2.4gHz

Cod: MID1000

RGBW TOUCH PANEL

Touch wall panel RGBW 4 zone

Cod: MID1001

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