

ELIOS 1.1 RGBW

ELIOS 1.1 13W WH9003 40° RGBW 24V
PWM HC 1,5M

Cod: **ELS01PCL1W0C00**

**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 | Beam angle | 40° |
| CCT | RGBW (4000K) | Photobiological risk | RG0 |
| CRI | > 80 | ULR | 0.00% |
| MacAdam (SDCM) | 3 | BUG Rating | B0 U0 G0 |
| Source lumen output (lm) | 1142 | CIE Flux Code | 95 99 100 100 100 |
| Luminaire lumen output (lm) | 599 | LED lifetime | L80 B10 50.000h |
| Light emission | Wide | | |

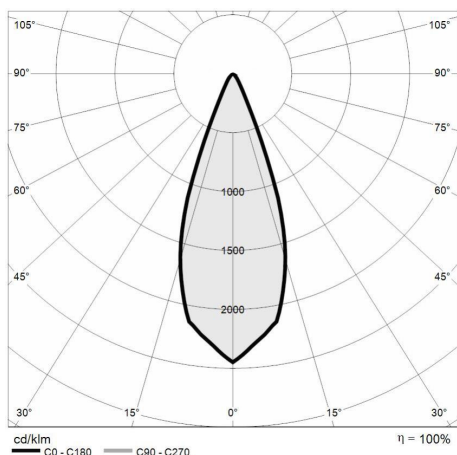
Mechanical data

| | | | |
|-------------------|--|--------------------------------|---------------------------------------|
| 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 | Honeycomb |
| Type of finishing | Protective primer followed by epoxy and polyester paint | Maximal working temperature | +50° C |
| Finishing colour | White RAL9003 | Minimal working temperature | -20° C |
| Frame material | Anodized aluminum anticorodal 6082 | | |

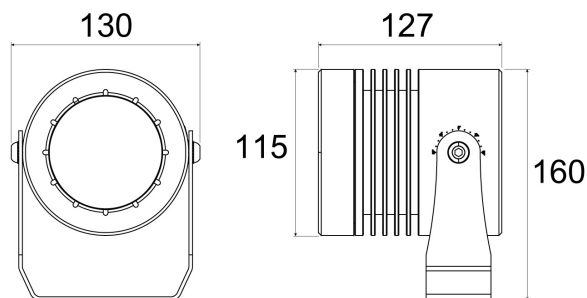
Electrical data

| | | | |
|------------------------------------|------------------------------------|-----------------------------|---------------------|
| 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



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