

# **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
- idroSkud 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

date: 20/04/2025



#### 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 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.



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### 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<br>Mechanical data | 26°               |                             |                           |
| Mechanical data               |                   |                             |                           |
| Width (mm)                    | 130               | Body material               | Anodized aluminum         |
| Length (mm)                   | 127               |                             | anticorodal 6082          |
| 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             | +50° C                    |
| Frame material                | Anodized aluminum | temperature                 |                           |
|                               | anticorodal 6082  | Minimal working temperature | -20° C                    |
|                               |                   |                             |                           |

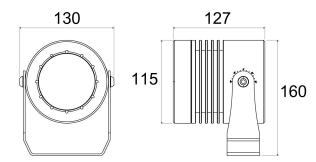
#### Electrical data

| Nominal power (W)         | 13                     | Electrical connection       | Parallel connection |
|---------------------------|------------------------|-----------------------------|---------------------|
| Power supply (input power | Costant voltage - 24V  | Idroskud® protection        | Yes                 |
| type)                     |                        | Inverse polarity protection | Yes                 |
| Ballast                   | Remote                 | Voltage spikes protection   | Yes                 |
| Insulation class          | III                    |                             |                     |
| Dimmable                  | Yes (PWM)              |                             |                     |
| Power cable type          | FR5F0EM7-AD8 6x0,5 mm² |                             |                     |
| Power cable length        | 1,5 m                  |                             |                     |
|                           |                        |                             |                     |



Photometry

## Technical drawing



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