



FLUMEN 3.0 10W GR6009 5° 4000K 24V 1,5M

IP 66

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Protected against powerful power

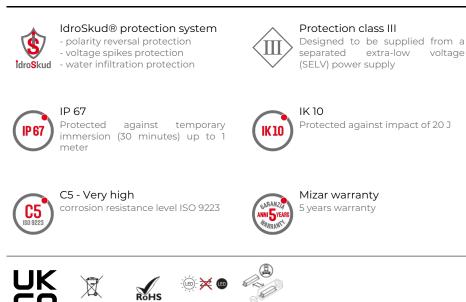
Design to withstand temperatures

jets, 100 liters per minute

High temperatures

up to +50° C

Cod: FLM03FCS0E0C00



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 consists of a single power LED chip , from 7W up to 14W, powered at 24V constant voltage with integrated driver. The high luminous flux makes it ideal for marking pedestrian and or illuminating facades and architectural details thanks to the optics with TIR lens. The LED source is recessed for greater visual comfort. Color rendering index CRI > 90. Flumen 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 | single chip power LED | Photobiological risk | RGO |
|-----------------------------|-----------------------|----------------------|-------------------------------|
| CCT | 4000K | ULR | 0.00% |
| CRI | > 90 | BUG Rating | B0 U0 G0 |
| MacAdam (SDCM) | 2 | CIE Flux Code | 94 98 99 100 100 |
| Source lumen output (lm) | 603 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 452 | Efficiency class | This product contains a light |
| Light emission | Narrow | | source of energy efficiency |
| Beam angle | 5° | | class (EU2019/2015): G |

Mechanical data

| Width (mm) | 102 | Body material | Anodized aluminum |
|-------------------|-------------------------------|-----------------------------|---------------------------|
| Length (mm) | 115 | | anticorodal 6082 |
| Height (mm) | 142 | Diffuser material | Extraclear tempered glass |
| Weight (g) | 1762 | Diffuser thickness (mm) | 10 |
| IP Rating | IP66/IP67 | Class ISO 9223 | C5 |
| IK rating | IK10 | Optic type | Technopolymer TIR Lens |
| Type of finishing | Protective primer followed by | Optical optional | None |
| | epoxy and polyester paint | Maximal working | +50° C |
| Finishing colour | Green RAL6009 | temperature | |
| | | Minimal working temperature | -20° C |

Electrical data

| Nominal power (W) | 10 | |
|---------------------------|----------------------------------|--|
| Power supply (input power | Costant voltage - 24V | |
| type) | | |
| Ballast | Remote | |
| Insulation class | | |
| Dimmable | Yes | |
| Power cable type | H05RN - F 2x0,75 mm ² | |
| Power cable length | 1,5 m | |
| | | |

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



Photometry

Technical drawing

