

FLUMEN 3.0

FLUMEN 3.0 14W WH9003 20° 3000K 24V HC 1,5M

Cod: FLM04DCM1W0C00





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



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 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 |
|-----------------------------|-----------------------|
| CCT | 3000K |
| CRI | > 90 |
| MacAdam (SDCM) | 2 |
| Source lumen output (lm) | 801 |
| Luminaire lumen output (lm) | 594 |
| Light emission | Medium |
| Beam angle | 20° |

| Photobiological risk | RG0 |
|----------------------|-------------------------------|
| ULR | 0.00% |
| BUG Rating | B0 U0 G0 |
| CIE Flux Code | 87 98 100 100 100 |
| LED lifetime | L80 B10 50.000h |
| Efficiency class | This product contains a light |
| | source of energy efficiency |
| | class (EU2019/2015): G |

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Mechanical data

| Width (mm) | 102 |
|-------------------|-------------------------------|
| Length (mm) | 115 |
| Height (mm) | 142 |
| Weight (g) | 1762 |
| IP Rating | IP66 / IP67 |
| IK rating | IK10 |
| Type of finishing | Protective primer followed by |
| | epoxy and polyester paint |
| Finishing colour | White RAL9003 |

| Body material | Anodized aluminum |
|-----------------------------|---------------------------|
| | anticorodal 6082 |
| Diffuser material | Extraclear tempered glass |
| Diffuser thickness (mm) | 10 |
| Class ISO 9223 | C5 |
| Optic type | Technopolymer TIR Lens |
| Optical optional | Honeycomb |
| Maximal working | +50° C |
| temperature | |
| Minimal working temperature | -20° C |

Electrical data

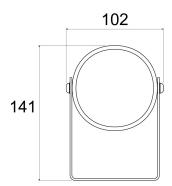
| Nominal power (W) | 14 |
|---------------------------|----------------------------------|
| Power supply (input power | Costant voltage - 24V |
| type) | |
| Ballast | Remote |
| Insulation class | III |
| Dimmable | Yes |
| Power cable type | H05RN - F 2x0,75 mm ² |
| Power cable length | 1,5 m |

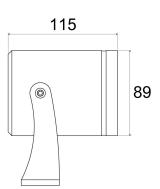
| Electrical connection | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection | Yes |
| Inverse polarity protection | Yes |
| Voltage spikes protection | Vos |



Photometry

Technical drawing





date: 20/04/2025