

# FLUMEN 1.0

FLUMEN 1.0 2W BK9005 60° 2700K 24V  
HC 1,5M

Cod: **FLM00CCL1B0C00**

**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 08**

Protected against impact of 5 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 aluminum body is protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray. The light source consists of a single 2W power LED chip 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                         | 2700K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 2                     |
| Source lumen output (lm)    | 142                   |
| Luminaire lumen output (lm) | 85                    |
| Light emission              | Wide                  |
| Beam angle                  | 60°                   |

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Photobiological risk | RG0                                                                              |
| ULR                  | 0.00%                                                                            |
| BUG Rating           | B0 U0 G0                                                                         |
| CIE Flux Code        | 97 98 99 100 100                                                                 |
| LED lifetime         | L80 B10 50.000h                                                                  |
| Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): F |

## Mechanical data

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Width (mm)        | 55                                                      |
| Length (mm)       | 65                                                      |
| Height (mm)       | 80                                                      |
| Weight (g)        | 325                                                     |
| IP Rating         | IP66 / IP67                                             |
| IK rating         | IK08                                                    |
| Type of finishing | Protective primer followed by epoxy and polyester paint |
| Finishing colour  | Black RAL9005                                           |

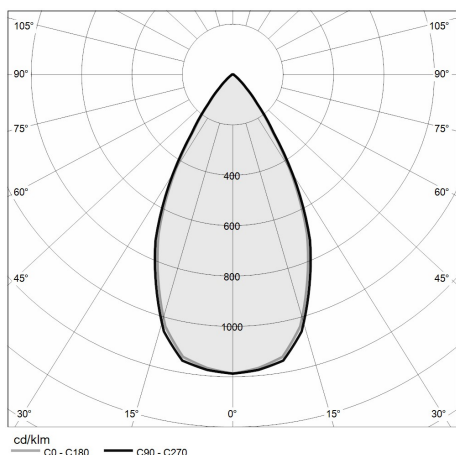
|                             |                                    |
|-----------------------------|------------------------------------|
| Body material               | Anodized aluminum anticorodal 6082 |
| Diffuser material           | Extraclear tempered glass          |
| Diffuser thickness (mm)     | 8                                  |
| Class ISO 9223              | C5                                 |
| Optic type                  | Technopolymer TIR Lens             |
| Optical optional            | Honeycomb                          |
| Maximal working temperature | +50° C                             |
| Minimal working temperature | -20° C                             |

## Electrical data

|                                 |                       |
|---------------------------------|-----------------------|
| Nominal power (W)               | 2                     |
| Power supply (input power type) | Costant voltage - 24V |
| Ballast                         | Remote                |
| Insulation class                | III                   |
| Dimmable                        | Yes                   |
| Power cable type                | H05RN - F 2x0,75 mm²  |
| Power cable length              | 1,5 m                 |

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

## Photometry



## Technical drawing



## Accessories



### GROUND STAKE

Stake for floodlight - small size

Cod: CEAZZZ016



### 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



### SNOOTS FLUMEN 1.0

KIT SNOOT BLACK PAINTED FLUMEN  
1.0

Cod: FLMZZZ000



### VISORS FLUMEN 1.0

KIT VISOR BLACK PAINTED FLUMEN 1.0

Cod: FLMZZZ001