



## FLUMEN 3.0

### FLUMEN 3.0 7W AN7016 20° 4000K 24V HC 1,5M

Cod: FLM02FCM1G0C00



IdroSkud® protection system - polarity reversal protection - voltage spikes protection idroSkud - water infiltration protection



Protected against temporary immersion (30 minutes) up to 1



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IK 10 Protected against impact of 20 J

Designed to be supplied from a

extra-low

voltage



**IP66** 

IP 66

High temperatures

jets, 100 liters per minute

Design to withstand temperatures up to +50° C

Protected against powerful power



C5 - Very high corrosion resistance level ISO 9223



Mizar warranty 5 vears warrantv

Protection class III

(SELV) power supply

separated

#### C € K ROHS - (LED) - 🔀

#### 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        | 87 98 100 100 100             |
| Source lumen output (lm)    | 445                   | LED lifetime         | L80 B10 50.000h               |
| Luminaire lumen output (lm) | 347                   | Efficiency class     | This product contains a light |
| Light emission              | Medium                |                      | source of energy efficiency   |
| Beam angle                  | 20°                   |                      | 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            | Honeycomb                 |
|                   | epoxy and polyester paint     | Maximal working             | +50° C                    |
| Finishing colour  | Anthracite RAL7016            | temperature                 |                           |
|                   |                               | Minimal working temperature | -20° C                    |

#### Electrical data

| Nominal power (W)         | 7                                |  |
|---------------------------|----------------------------------|--|
| Power supply (input power | Costant voltage - 24V            |  |
| type)                     |                                  |  |
| Ballast                   | Remote                           |  |
| Insulation class          |                                  |  |
| Dimmable                  | Yes                              |  |
| Power cable type          | H05RN - F 2x0,75 mm <sup>2</sup> |  |
| Power cable length        | 1,5 m                            |  |
|                           |                                  |  |

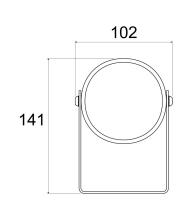
| Electrical connection       | Parallel connection |
|-----------------------------|---------------------|
| Idroskud® protection        | Yes                 |
| Inverse polarity protection | Yes                 |
| Voltage spikes protection   | Yes                 |

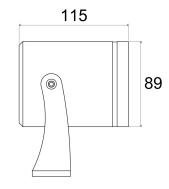


#### DATA SHEET

# Dhotometry

Technical drawing





Accessories







VISORS FLUMEN 3.0 KIT VISOR BLACK PAINTED FLUMEN 3.0

Cod: FLMZZZ005

DIMMABLE POWER SUPPLY Power supply DC 24V 200W 5A IP67 DALI2/PWM Cod: MID0031 SNOOTS FLUMEN 3.0 KIT SNOOT BLACK PAINTED FLUMEN 3.0 Cod: FLMZZZ004

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