

# FLUMEN 3.0

FLUMEN 3.0 7W WH9003 60° 2700K 24V  
1,5M

Cod: **FLM02CCL0W0C00**



#### 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 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 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 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	2700K
CRI	> 90
MacAdam (SDCM)	2
Source lumen output (lm)	445
Luminaire lumen output (lm)	332
Light emission	Wide
Beam angle	60°

Photobiological risk	RG0
ULR	0.00%
BUG Rating	B0 U0 G0
CIE Flux Code	83 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

## 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	None
Maximal working temperature	+50° C
Minimal working temperature	-20° C

## Electrical data

Nominal power (W)	7
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

