



# FLUMEN 3.0 FLUMEN 3.0 7W WH9003 5° 4000K 24V 1.5M

Cod: FLM02FCS0W0C00



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



IP 67 Protected against temporary immersion (30 minutes) up to 1 meter



C5 - Very high corrosion resistance level ISO 9223



IK 10

Mizar warranty

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DATA SHEET

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



High temperatures

Design to withstand temperatures up to +50° C



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RoHS

# 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)	445	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	334	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	White RAL9003	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	

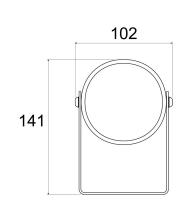
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

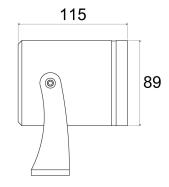


## DATA SHEET

# Photometry

### Technical drawing





Accessories









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 VISORS FLUMEN 3.0 KIT VISOR BLACK PAINTED FLUMEN 3.0

Cod: FLMZZZ005

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