



# FLUMEN 3.0 FLUMEN 3.0 7W BK9005 5° 2700K 24V 1,5M

Cod: FLM02CCS0B0C00



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



Protected against temporary immersion (30 minutes) up to 1



C5 - Very high corrosion resistance level ISO 9223



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**IK10** 

DATA SHEET

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Protection class III

(SELV) power supply

separated

IK 10

Designed to be supplied from a

Protected against impact of 20 J

extra-low

voltage

### 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.



Protected against powerful power jets, 100 liters per minute



### High temperatures

Design to withstand temperatures up to +50° C



### Lighting data

Source type	single chip power LED	Photobiological risk	RGO
ССТ	2700K	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)	300	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	Black RAL9005	temperature	
		Minimal working temperature	-20° C

# Electrical data

Nominal power (W)	7
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	111
Dimmable	Yes
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>
Power cable length	1,5 m

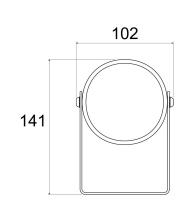
Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

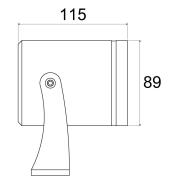


## DATA SHEET

# 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

MIZAR is a brand of REER SPA Via Carcano 32 - 10153 - Torino, Italy Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it