



# FLUMEN 3.0

## FLUMEN 3.0 14W BK9005 20° 4000K 24V 1,5M

IP 66

**IP 66** 

Protected against powerful power

Design to withstand temperatures

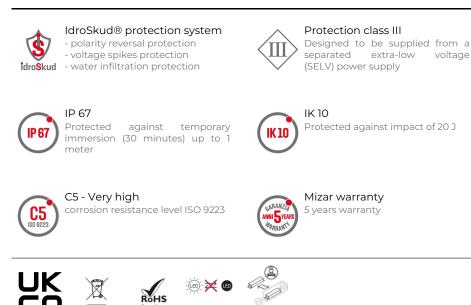
jets, 100 liters per minute

High temperatures

up to +50° C

Cod: FLM04FCM0B0C00

DATA SHEET



## 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)	801	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	625	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	None
	epoxy and polyester paint	Maximal working	+50° C
Finishing colour	Black RAL9005	temperature	
		Minimal working temperature	-20° C

### Electrical data

Nominal power (W)	14	
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



#### Photometry

## Technical drawing

