



FLUMEN 3.1

FLUMEN 3.1 14W WH9003 5° RGBW
PWM 1,5M

Cod: **FLM05PCS0W0C00**

Metel: **FLMPBS300**



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



IP 66
Protected against powerful power
jets, 100 liters per minute



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



RGBW luminaire
Light source allows to mix colours
controlling four channels



Mizar warranty
5 years warranty



Technical description

FLUMEN is a range of floodlights suitable for outdoor environments (IP66/IP67), with an operating temperature range of -20°C / +50°C. To reduce weight and ensure wear resistance, the body is made of solid aluminum. The aluminum body is protected by an epoxy polyester powder coating, which guarantees corrosion resistance equal to 1500 hours in salt spray. The light source consists of a single power LED chip, with versions from 2W up to 14W powered by 24V constant voltage. The RGBW versions have a multi-chip source. The high luminous flux makes it ideal for marking pedestrian paths or illuminating facades and architectural details thanks to the TIR lens optic. The LED source is recessed for greater visual comfort. FLUMEN are equipped with the IdroSkud® system, to protect the electronic components from voltage spikes, polarity reversal and water infiltration. Optional anti-glare options (honeycomb) and accessories for ground installation (spike) are available. The product must be paired with a power supply to ensure its operation. The power supply must be ordered separately. The number of fixtures that can be connected to a single power supply varies depending on the type of installation. It is the installer's responsibility to check for possible voltage drops by evaluating the distance between the product and the power supply.

Lighting data

Source type	multi-chip LED
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	1142
Luminaire lumen output (lm)	504
Light emission	Narrow
Beam angle	5°

Photobiological risk	RG0
ULR	0,00%
BUG Rating	B0 U0 G0
CIE Flux Code	95 98 99 100 100
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 (Kg)	1.76
IP Rating	IP66 / IP67
IK rating	IK10
Type of finishing	Protective primer followed by epoxy and polyester paint

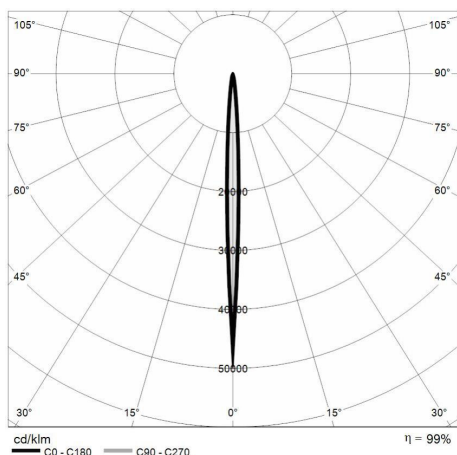
Body material	Anodized aluminum anticorodal 6082
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	10
Class ISO 9223	C5
Optic type	Technopolymer TIR Lens
Maximal working temperature	+50° C
Minimal working temperature	-20° C

Electrical data

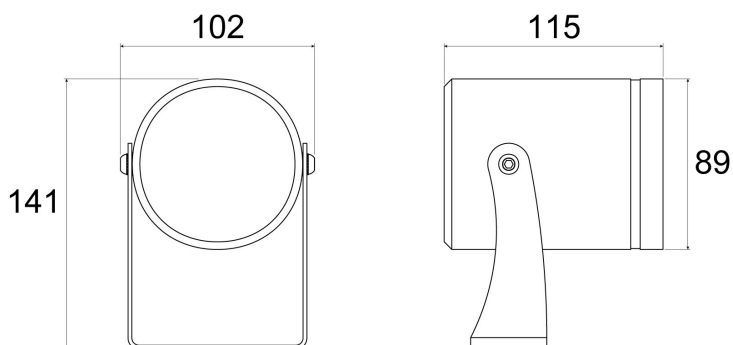
Nominal power (W)	14
Power supply (input power type)	Costant voltage - 24V DC
Ballast	Remote
Insulation class	III
Dimmable	Yes
Power cable type	FR5FOEM7-AD8 6x0,5 mm ²
Power cable length	0,4 m

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

Photometry



Technical drawing



Accessories



Stake for floodlight - big size

Cod: CEAZZZ017



Power supply DC 24V 70W 2,9A IP67

Cod: MID0028



Power supply DC 24V 150W 6,25A IP67

Cod: MID0029



Power supply DC 24V 120W 5A IP67
DALI2/PWM

Cod: MID0030



Power supply DC 24V 200W 5A IP67
DALI2/PWM

Cod: MID0031



Control unit WT5 5-channel RGBW
PWM/WiFi

Cod: MID0023



Remote control RGBW RT Izone RF
2.4GHz

Cod: MID1000



Touch wall panel RGBW 4 zone

Cod: MID1001



VISORS FLUMEN 3.0

KIT VISOR BLACK PAINTED FLUMEN 3.0

Cod: FLMZZZ005



SNOOTS FLUMEN 3.0

KIT SNOOT BLACK PAINTED FLUMEN
3.0

Cod: FLMZZZ004