



mizar

FLUMEN

Flumen

[ˈfluːmen]

C5

ISO9223

IK08

IK10

IP66

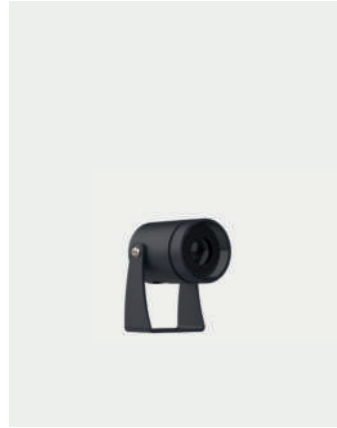
IP67



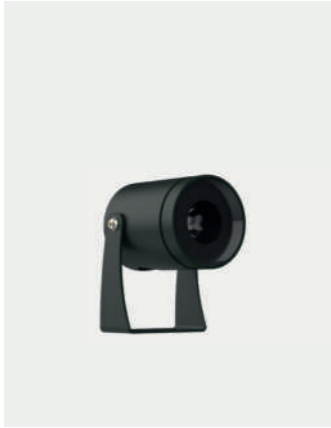
FLUMEN, a versatile product line designed to meet every lighting need. With a wide range of sizes and power options, FLUMEN allows you to customize its performance with external accessories, including visors and snoots. These accessories pair perfectly with four different TIR optics, offering endless possibilities to customize the light to your taste.



Flumen



Flumen 1.0



Flumen 2.0



Flumen 3.0



Flumen / Product features



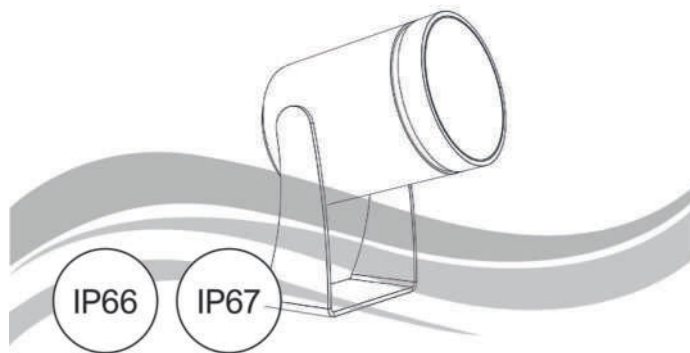
Construction quality as the first goal

At MIZAR we believe that one of the first characteristics of a "Made in Italy" product is an excellent build quality. FLUMEN are turned from solid, made of anodized anticorodal 6082 aluminum, and coated with a protective primer followed by epoxy polyester powder painting.



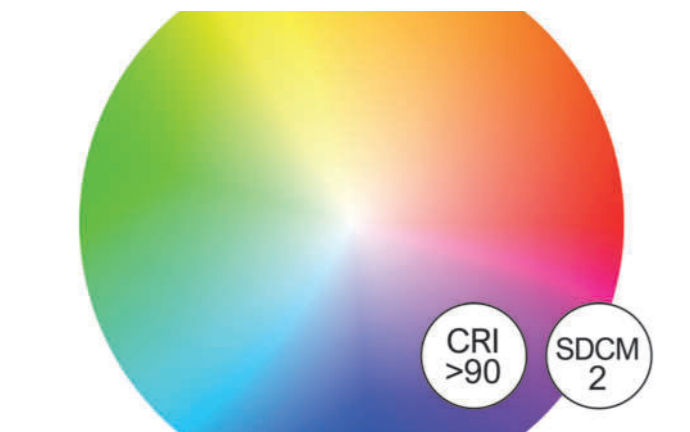
Corrosion resistance at the highest level

The care taken in the design and choice of materials enables the highest classes of the international ISO 9223 standard to be achieved. All FLUMENs are rated C5 ("Very High").



Highest degrees of protection

The FLUMENs are fully protected against the ingress of any kind of dust (IP 6X) and protected against temporary immersion for up to 30 minutes at a depth of 1 meter (IP X7). The products are also tested against high-pressure water jets (IP X6). 100 litres per minute, at a pressure of 100 kPa, at a distance of 3 meters.



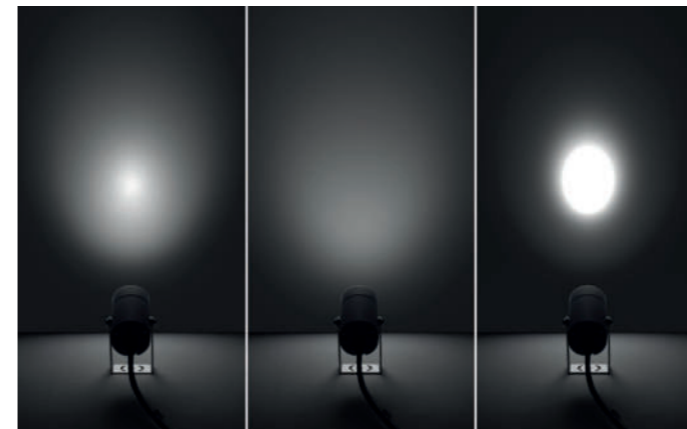
Faithful color reproduction

The FLUMENs series products are equipped with a range of top-quality LED light sources. Colour rendering index (CRI) > 90. They also offer excellent colour temperature consistency, with a Step MacAdam 2 value.



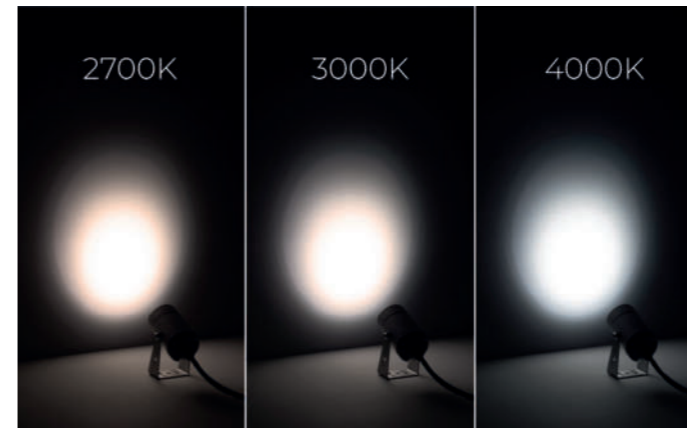
IdroSkud®

Innovative Mizar exclusive patent to protect electronic components from voltage spikes, polarity reversal, moisture or water infiltrations through the power cable.



Wide range of optics

All FLUMENs can be equipped with narrow, medium or wide optics. Maximum lighting design flexibility.



Wide choice of color temperatures

The FLUMEN series is offered with a wide choice of colour temperatures: 2700K, 3000K and 4000K. In addition – on request – versions with an extremely warm colour temperature (2200 K) are available.

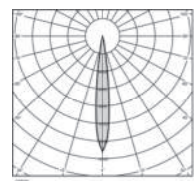
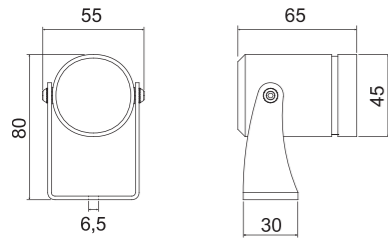


The importance of visual comfort

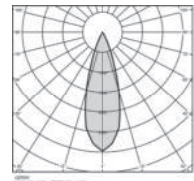
All FLUMENs are designed with a lowered light source to reduce perceived glare. In addition, they can be configured by inserting optical optionals such as honeycomb for the highest level of visual comfort. The FLUMEN series can also be equipped with two different accessories, asymmetrical visors and telescopes, made of powder-coated sheet metal.



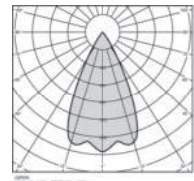
Flumen 1.0



10°



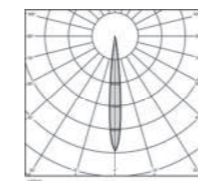
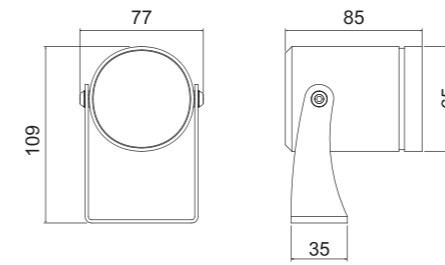
36°



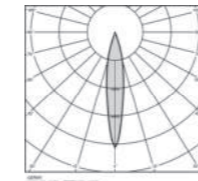
60°

Source type	single power-LED
CCT	2700K 3000K 4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 99 lm
Beam angle	10° 36° 60°
Optical optional	None Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016 White RAL9003 Corten Black RAL9005 Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	8mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	2W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm ²
Electrical connection	Parallel
Idroskud® protection	Yes

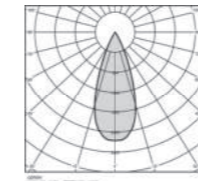
Flumen 2.0



10°



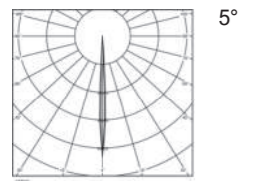
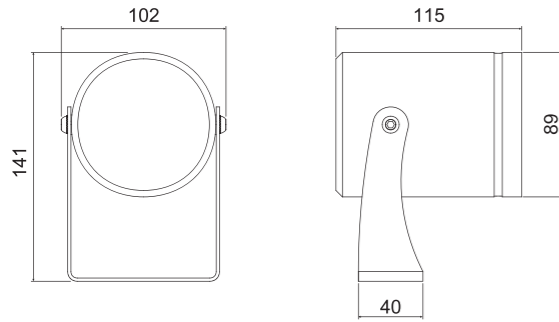
25°



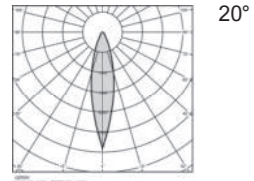
40°

Source type	single power-LED
CCT	2700K 3000K 4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 198 lm
Beam angle	10° 25° 40°
Optical optional	None Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK08
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016 White RAL9003 Corten Black RAL9005 Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	3W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm ²
Electrical connection	Parallel
Idroskud® protection	Yes

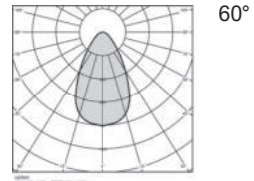
Flumen 3.0



5°



20°



60°

Source type	single power-LED
CCT	2700K 3000K 4000K
CRI	>90
Step MacAdam	2
Lumen output	up to 665 lm
Beam angle	5° 20° 60°
Optical optional	None Honeycomb
LED Lifetime	L80 B10 50.000h
IP rating	IP66 / 67
IK rating	IK10
Type of finishing	Epoxy polyester powder coating
Finishing colour	Anthracite RAL7016 White RAL9003 Corten Black RAL9005 Green RAL6009
Body material	Anodized aluminium anticorodal 6082
Bracket material	Shot peened stainless steel 316L
Diffuser material	Extra-clear tempered glass
Diffuser thickness	10mm
ISO 9223 class	C5
Operating temperature	-20°C / +50° C
Power	7W 10W 14W
Input power type	Constant voltage 24V
Power supply	Remote
Insulation class	Class III
Dimmable	Yes
Cable type	H05RN-F 2x0,75 mm ²
Electrical connection	Parallel
Idroskud® protection	Yes



Accessories

Type	Model	Code	Description
Visiera	FLUMEN 1.0	FLMZZZ000	Kit black snoot
Visiera	FLUMEN 1.0	FLMZZZ001	Kit black visor
Mounting kit	FLUMEN 1.0 / 2.0	CEAZZZ016	Ground stake for small size floodlights
Visiera	FLUMEN 2.0	FLMZZZ002	Kit black snoot
Visiera	FLUMEN 2.0	FLMZZZ003	Kit black visor
Mounting kit	FLUMEN 3.0	CEAZZZ017	Ground stake for large size floodlights
Visiera	FLUMEN 3.0	FLMZZZ004	Kit black snoot
Visiera	FLUMEN 3.0	FLMZZZ005	Kit black visor

Code configurator

Model	CCT	CRI	Beam angle	Optical options	Finishing	Cable length	Version
FLM00 FLUMEN 1.0	C 2700K D 3000K F 4000K	C CRI > 90	S 10° M 36° L 60°	0 None 1 Honeycomb	B0 Black RAL9005 CT Corten E0 Green RAL6009 G0 Anthracite RAL7016 W0 White RAL9003	C 1,5 m	00 Standard
FLM01 FLUMEN 2.0	C 2700K D 3000K F 4000K	C CRI > 90	S 10° M 25° L 40°	0 None 1 Honeycomb	B0 Black RAL9005 CT Corten E0 Green RAL6009 G0 Anthracite RAL7016 W0 White RAL9003	C 1,5 m	00 Standard
FLM02 FLUMEN 3.0 7W FLM03 FLUMEN 3.0 10W FLM04 FLUMEN 3.0 14W	C 2700K D 3000K F 4000K	C CRI > 90	S 5° M 20° L 60°	0 None 1 Honeycomb	B0 Black RAL9005 CT Corten E0 Green RAL6009 G0 Anthracite RAL7016 W0 White RAL9003	C 1,5 m	00 Standard
Configuration example							
FLM00	C	C	S	0	B0	C	00
FLM00CCS0B0C00 - FLUMEN 1.0 2W BK9005 10° 2700K 24V 1,5m							

Power supplies

Consult the power supply table on the Mizar website in the Download section



Type	Model	Code	Description
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0019	Power supply DC 24V 14,4W 600mA IP67 ON/OFF
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0020	Power supply DC 24V 36W 1,5A IP67 ON/OFF
Power supply	FLUMEN 1.0 / 2.0 / 3.0	MID0021	Power supply DC 24V 24W 1A IP67 DALI





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