

# Mario

IP 66

IK 10

Class I

Class II   
(Optional)



Top-quality, multipurpose luminaire, available in three reflector versions which achieve maximum performance and allow a very precise control of the luminous flux. Its innovative mounting and orientation system -iDual- offers two mounting possibilities, which make maintenance easier.

## Applications

Consult pages 16-19

## Lamps

High pressure sodium  
up to 600W

Ceramic metal halide  
up to 400W



Mario IZR6-AD



Mario IZR6-SD



Mario IZR6-OC

- 1 **Housing** formed by a canopy and a lower frame, manufactured in high pressure die-cast L-2521 aluminium alloy, corrosion resistant and with a gloss grey RAL 7035 finish (optionally in Futura Gris 900 Sablé).
- 2 **Gasket** spongy silicone fixed to the housing.
- 3 **Support clamp** to fix the canopy when opened.
- 4 **Closing clip** anodised and extruded aluminium.
- 5 **Mounting and orientation system –iDual-** formed by a galvanised steel orientation bracket, mounting systems and a graduated limb.
- 6 **Reflector** in three possible versions, fixed to the housing. Manufactured in high purity anodised aluminum.
- 7 **Cover** in toughened glass sealed to the frame.
- 8 **Filter** Gore™.
- 9 **Gear tray** galvanised steel (Class I) or in temperature resistant thermoplastic material (Class II).
- 10 **Control gear** compact Indalblock®, lacking external wiring.
- 11 **Disconnection switch** when opened (only for Class II versions).
- 12 **Cable connection** M20 cable gland, for cable entry 7-20mm.



**Class I control gear**, in galvanised steel plate.



**Class II control gear**, in glass fibre reinforced polyamide and disconnection switch when opened.



**Gore™ filter**  
Provides the balance of the internal/external pressure and eases the expulsion of humidity condensation.

### CHARACTERISTICS



Upper canopy and lower frame  
RAL 7035.



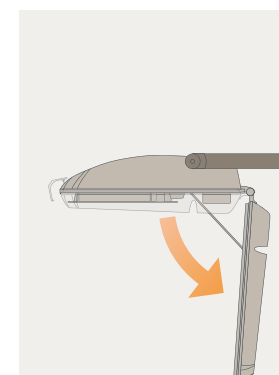
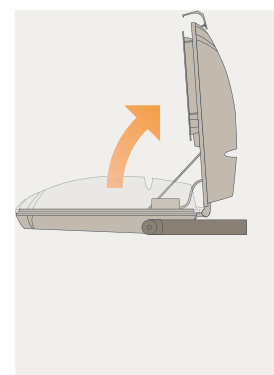
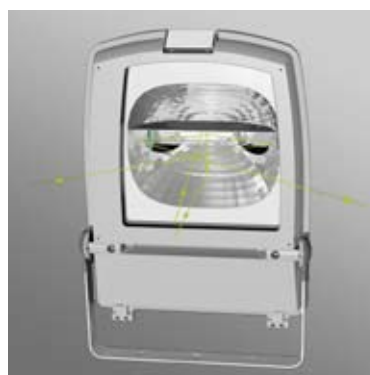
Upper canopy and lower frame  
Futura Gris 900 Sablé.

Other colours on request



#### Mario IZR with a faceted oval reflector (OC)

It reproduces elliptical photometric distributions. This floodlight is ideal for the lighting of sports areas or architectural facades. There is the possibility of transversal or longitudinal mounting of the floodlight in order to choose the elliptical photometric distribution with the same mounting and positioning of the floodlight. The floodlight includes a baffle to minimise light pollution, when used with a vertical tilting. With such a baffle, the lamp direct light emission towards the upper hemisphere is cancelled up to a vertical tilting of the floodlight of 70°.



#### Mounting and orientation system –iDual–

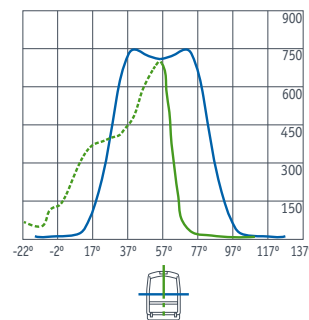
It allows adjusting the floodlight, for example when opening the canopy in road lighting, or else, hinging down the lower frame in a tunnel, thus, easing maintenance.

## Mario IZR6-AD



Asymmetric reflector in its vertical plane and with maximum intensity at 60°, which eases the floodlight horizontal mounting, its positioning, and achieves a notable reduction of light pollution.

**Applications**  
Sports lighting  
Large areas  
Roundabouts  
Amenity lighting



**Reflector**  
Wide vertical asymmetric

**Lamp**  
ST-400

**Max. intensity**  
753 cd/1000 lm

**Performance**  
ULOR: 0%  
DLOR: 74.9%

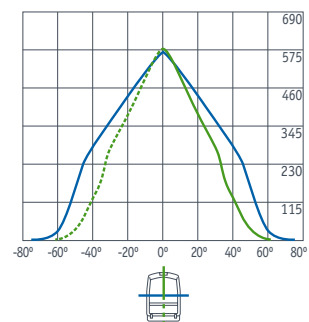
**Class C.I.E.**  
4x4

## Mario IZR6-SD



Vertical symmetric reflector with wide beam adequate for a smooth and regular lighting creating a high illuminance of vertical planes.

**Applications**  
Sports facilities  
Industrial areas  
Monuments



**Reflector**  
Wide vertical symmetric

**Lamp**  
ST-400

**Max. intensity**  
575 cd/1000 lm

**Performance**  
ULOR: 0%  
DLOR: 64.5%

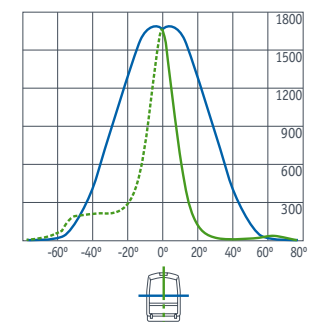
**Class C.I.E.**  
5x4

## Mario IZR6-OC



Vertical symmetric, faceted oval reflector with narrow beam, which allows light directioning in rectangular geometry areas. Thus, a high performance of the installation is achieved.

**Applications**  
Monuments  
Large areas





















**Reflector**  
Narrow vertical symmetric

**Lamp**  
ST-400

**Max. intensity**  
1652 cd/1000 lm

**Performance**  
ULOR: 0%  
DLOR: 79%

**Class C.I.E.**  
4x1

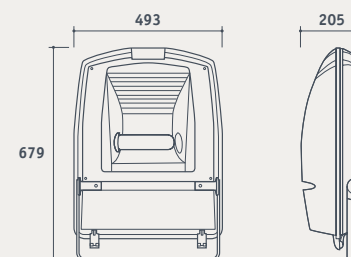
MODEL	TYPE	SHAPE	LAMP HOLDER	REFLECTOR	W.a. (m <sup>2</sup> )	Kg*
<b>Mario IZR6-AD</b>	ST/MT-150		E40	Vertical asymmetric	0.308	15.72
	ST-250		E40	(wide beam)		17.30
	ST-400		E40			19.00
	ST-600		E40			21.87
	MT-250		E40			17.44
	MT-400		E40			17.47
<b>Mario IZR6-SD</b>	ST/MT-150		E40	Vertical symmetric	0.308	15.42
	ST-250		E40	(wide beam)		17.00
	ST-400		E40			18.70
	ST-600		E40			21.57
	MT-250		E40			17.14
	MT-400		E40			17.17
<b>Mario IZR6-OC</b>	ST/MT-150		E40	Vertical symmetric	0.308	16.28
	ST-250		E40	(narrow beam)		17.86
	ST-400		E40			19.56
	ST-600		E40			22.43
	MT-250		E40			18.00
	MT-400		E40			18.03

ST (High pressure sodium)  
MT (Ceramic metal halide)

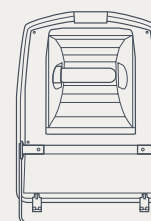
For more information about lamps, consult pages 386-389.

W.a. (Windage area)  
Kg\* (Weight without lamp)

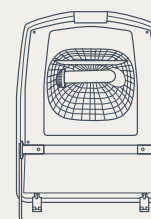
Mario IZR6-AD



Mario IZR6-SD



Mario IZR6-OC



Mounting details

