

IBERIA PREMIUM

- **GENERAL DESCRIPTION**

The luminaire shall be weather resistant with a degree of protection IP66 for the optical assembly and IP44 for the ballast compartment, to operate one high-pressure sodium, metal halide or mercury lamp up to 250 watt. The luminaire shall contain a completely prewired integral ballast. The optical assembly shall remain closed when operating the ballast compartment. The luminaire shall be suitable for pole mounting.



- **MECHANICAL CONSTRUCTION**

The luminaire shall include a die-cast aluminum central ring, and the following principal parts:

- An elliptical die-cast aluminum housing clamped to the central ring for a perfect fitting and sealing.
- A hinged die-cast aluminum door shall support the optical assembly. It shall include two stainless steel screws for the opening without tools.
- Fitting system that provides the following configurations:
 - Vertical tube mounting of Ø60mm: It shall consist of a die-cast aluminium bracket between the supporting ring and an steel tube with anti-corrosion priming, which shall include six stainless steel fixing screws and the top plastic housing that shall be weather resistant. This

assembly shall be simple (one luminaire), double (2 luminaires at 180°-2 brackets) and triple (3 luminaires at 120° - 3brackets).

- Vertical tube mounting of Ø76mm. It shall consist of the same pieces that are used in the previous assembly, and one transition piece between the bracket and the die-cast aluminium tube. This assembly shall be simple (one luminaire), double (2 luminaires at 180°-2 brackets) and triple (3 luminaires at 120° - 3brackets).
 - Vertical tube mounting of Ø60mm through yoke mounting. It shall incorporate one-piece yoke of die-cast aluminium with two brackets fitted to the supporting ring.
 - Horizontal tube mounting of Ø60mm. It shall incorporate a die-cast aluminium bracket and four stainless steel fixing screws.
 - Wall mounting: It shall consist of the same bracket used in vertical mounting and die-cast aluminium support for wall mounting.
- The control gear assembly shall be mounted on a metallic universal ballast tray. This tray shall be easily removable, with electrical disconnection by means of a multi-pole connector. The access to the control gear assembly shall be without tools.
 - The lampholder shall be made of porcelain with multiple lamp positions according to the lamp type and photometric distribution for each case. The access to the lamp shall be without tools.
- **OPTICAL ASSEMBLY**

The optical assembly shall include a reflector, a tempered curved glass lens joined to the reflector with RTV silicone, a plastic neck and a plastic socket canister both resistant to high temperatures.

The tempered curved glass lens shall be resistant to thermal and mechanic shock. The one-piece formed high purity aluminum (99,85%) reflector shall be anodized and sealed of 3µ thickness (minimum). The canister shall include a closed-cells sponge silicone gasket for a perfect fitting with the die-cast aluminum reflector neck.

The luminaire shall provide an asymmetric distribution with minimum light emission towards the upper hemisphere.

ESFERICO

VIDRIO CURVO

ELIPTICO

CUBETA

CIERRE

SC	=	ESFERICO TRANSPARENTE
SM	=	ESFERICO MURANO
EC	=	ELIPTICO TRANSPARENTE
EM	=	ELIPTICO MURANO
DC	=	CUBETA TRANSPARENTE
VT	=	VIDRIO TEMPLADO PLANO
VC	=	VIDRIO TEMPLADO CURVO

POLICARBONATO

VIDRIO PLANO

MONTAJES

COLUMNA CON 1,2 ó 3 BRAZOS

LIRA DECORATIVA

PARED

HORIZONTAL

CENITAL
ROSCA 1" GAS

5	ALOJAMIENTO DEL PORTALAMPARAS	PLASTICO DE ALTA RESISTENCIA A LA TEMPERATURA								
4	CIERRE	VER CUADRO								
3	REFLECTOR	ALUMINIO ANODIZADO								
2	ARO	FUNDICION INYECTADA DE ALUMINIO								
1	CUPULA	ALUMINIO ENTALLADO								
POSICION	DESCRIPCION	MATERIAL								
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	MODIFICACIONES									
	TIPO	DI BUJO	FECHA							
	REVISO	FI RMA								
	APROBO	1-01	B. A.							
	ESCALA	1-01	M. J.							
<h2 style="margin: 0;">IBERIA/E</h2> <p style="margin: 0;">HASTA 250W</p>		hadasa								
		71-4061/2								
		Sustituye al :								
		Sustituido por :								