

Vía láctea

Street lamp

1990

THE SINGLE VIA LACTEA STREET LAMP

LUMINAIRE

The single Vía Láctea street lamp includes one highly watertight HF 2x65W AC type luminaire designed for the installation of two 58W type T26 linear fluorescent tubes. HF magnetic power supply equipment is supplied with the luminaires.

BODY

The body is made of self-extinguishing polycarbonate, as per UNE 53.315-75, coextruded in a single piece. The upper part is opaque grey. A guide way in the upper part allows the stainless steel fixing elements to be moved

SIDE COVERS

The side covers are made from self-extinguishing polycarbonate, as per UNE 53.315-75. One of the covers allows access to the inside of the main body, to maintain the reflector and connections. It incorporates a polyamide stuffing box for wiring entry. It is closed by means of two polyamide wing nuts and watertightness is ensured by means of an EPDM gasket. The other cover is fixed to the frame and there is a premarked drill hole if an extra entrance point is needed.

REFLECTOR

The reflector is made from polished anodised aluminium and supports the lampholder, the auxiliary equipment and the starter holders. The starter holder fits into the grooves inside the main body that allow the tray to be moved when changing the lamps.

COLUMN

COLUMN UNIT

The column consists of:

- A rectangular base with inspection cover, made from metal tube S-275 JR with a cross-section of 150x100x3mm and a height of 0.88m. Hot galvanised finish.
- A forked support with the arms manufactured from steel tubes S-275 JR with a cross-section of 50x100x3mm, a height of 2.97m and a span of 1.2m. Hot galvanised finish.

SCREEN

The screen is made from steel tube S-275 JR with a cross section of 175x108x3mm and a height of 1,7m. It includes: welded side covers, double "L" profile to reinforce the joint with the column and a double lower window to hose the luminaires. Hot galvanised finish. There are four welded strips inside that are used to support and fix the luminaires. It is attached to the column by means of stainless steel screws

DECORATIVE COVER

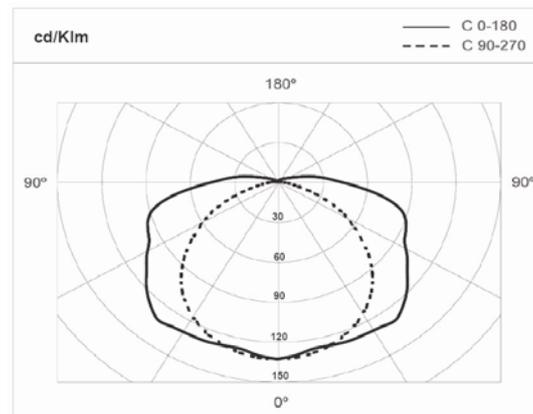
The cover consists of two parts made from hot galvanised steel sheet S-275 JR that is located at the bottom of the column for ornamental purposes.



IP 66			
CLASS I		WEIGHT 2,8kg	

code	Lamp	
VIA01	2x58W T26 G13	230 V 50 Hz

RENDIMIENTO (nL)	50,68%
FHS _{INST}	5,70%



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S-275 JR MECHANICAL PROPERTIES

Yield strength limit 275 N/mm²
 Breaking strength 410-450 N/mm²
 Resilience 27 J
 Minimum elongation 20 %

S-275-JR CHEMICAL COMPOSITION

Carbon (C) 0,24 %
 Manganese (Mn) 1,60 %
 Phosphorus (P) 0,055 %
 Sulphur (S) 0,055 %
 Nitrogen (N) 0,011 %

The column is anchored on site with a reinforced concrete block and 4 anchor bolts, 22cm below pavement level. The foundations must leave the electrical connection aperture unobstructed.

BOLTS

The bolts used to ancor the column have a 180° hook at the end and should be positioned so that the hooks are turned inwards towards the centre of the base plate.

GEOMETRICAL CHARACTERISTICS:

Length (m): 0.5
 Metric (mm): 18
 Finish Smooth

MATERIALS:

Steel S 235 JR
 Yield stress (MPa): 235
 Ultimate stress (MPa): 400

FOUNDATION PIT

Column	X	Y	Z
3,9	0,70	0,70	0.90

(Dimensions in m)

MATERIAL:

Concrete HM-20
 Typical resistance: 20 MPa

TERRAIN TYPE:

Terrain type II (according to UNE-EN40-3-1).
 Allowable pressure: 1 Kg/cm²

