

Vía Láctea

Streetlight

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1990



Product description

Certificates



Finishes



Light grey

The finishes shown are purely indicative. With **Standard** protection: corrosion resistant for environments with climate conditions which are typical of urban spaces. For coastal areas with severe climate conditions, check out our Premium protection finish. Other colours are available upon request.

Characteristics

- Column of 3.65 m in height, with 150x100 mm rectangular base and 100x50 mm forked support.
- Individual shade, with one luminaire, or double shade for lines, with two luminaires, made from a rectangular section.

Materials

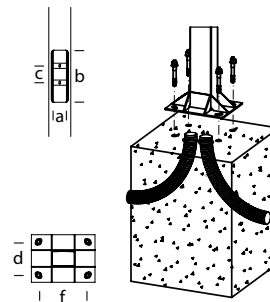
- Column made with hot-dip galvanised structural steel profiles with a light grey painted finish.
- Aluminium extrusion luminaire and polycarbonate diffuser.
- Zinc-plated steel (275) bolts.
- Zinc-plated steel hardware.

Regulations

- IEC/TR 6247-2
- UNE-EN 40-5
- UNE-EN 50102
- UNE-EN 55015
- UNE-EN 60529
- UNE-EN 60598
- UNE-EN 61000
- UNE-EN 62031
- UNE-EN 62262
- UNE-EN 62471
- UNE-EN ISO-1461
- Lighting system with CE marking from a laboratory certified by ENAC [Spanish National Accreditation Body].
- IP66 (hermetically protected from penetration of dust and water jets).
- Suitable for wet areas.
- IK09 (protected from external mechanical impacts).
- Electrical class: Class I (CE).

Installation and maintenance

- Column secured via a concrete block, with a groove for electrical connection, which is produced on site with four anchoring bolts per column, 22 cm below the level of the pavement.
- The exclusive double-luminaire streetlight for creating lines should be fixed to at least one other at one of the ends of the luminaire.
- Template and anchoring bolts included.
- The element is delivered as three separate parts: luminaire, shade and column.
- Instructions and hardware included.
- Clean using pH neutral, alcohol-free, non-abrasive cleaning products. The optical glass can be cleaned with non-abrasive cleaning products.



Reference	Total height (m)	Visible height (m)	External measurements (d)	Thickness (mm)	Base plate (mm)	Distance between bolts (mm)	Bolts (x4) (f)	No. of openings	Opening (mm) (a/b/c)	Foundation (mm) (x/y/z)
VLF+01	3.85	3.65	Bottom: 150x100x4	4	400x300x8	310x210	HSA M20x170	1	100x300x97	700x700x900
			Top: 100x50x3	3						
VLF+02			Bottom: 150x100x4	4						
			Top: 100x50x3	3						

*Recommendations: for calculation in ground type II (according to UNE-40) and wind speed of 29 m/s, with soil formed by loose or wet sand of medium compactness (EO = 4800 KN/m²), with HM-20 concrete foundations. Information is not binding. We advise that checks are carried out at each location.

Technical information

System power (W)

High efficiency optical unit
1 x 1.2 m Linear LED 32 W
2 x 1.2 m Linear LED 32 W

Operating current (mA)

350

Colour temperature (K)

3000K IRC min80

Power supply

Constant current driver.

Protocols

0-10V protocol
Dali protocol

Recommended cable

0.6-1 kV
5 x 1.5 mm²
3 x 2.5 mm²

Operating voltage

- 220-240V 50-60Hz (CE)

Nominal operating temperature (°C)

Ta 30

Service life

TM21 L70 (10k) > 60,000 h
Luminous flux is maintained at 70% after 60,000 h.

Upper Hemisphere Flux (UHF%)

0

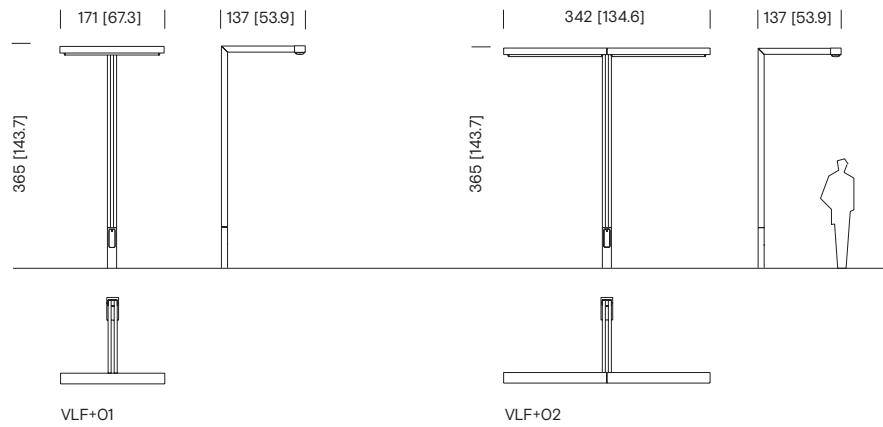
Surface exposed to wind (m²)

SW 0.24

Weight kg [lb]

Single: 102 [224.8]
Double: 124 [273.4]

Dimensions cm [in]



Lighting distributions

