

Vía Láctea Streetlamp

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Materials:

The pole is made from hot-dip galvanised structural and primed steel with paint finish and a base of 150 x 100 mm and forked pole of 100 x 50 mm. Individual shade, with one luminaire, or double shade for alignments, with two luminaires, with a rectangular section of the same material and finish. The luminaire body is made of extruded aluminium and refractor cover is made of polycarbonate.

Finishes:



Light grey

*The colors shown are merely indicative and may differ from reality. (Other colors available to order)

**See special finishes for marine environments

Sizes (cm):

Simple: 365 x 171 x 137

Double: 365 x 342 x 137

Weights (kg):

Simple: 103

Double: 118

Surface exposed to wind (m²): -

Installation:

The pole is fixed using a concrete cube, with groove for wiring, made on-site and four pole anchor bolts, 20 cm below the pavement surface. Streetlamp with two luminaires exclusive for alignments, affixing to the side of the luminaire.

The street lamp is delivered disassembled in three parts: luminaire, shade and pole.

Instructions, screws, template and pole anchor bolts are included.

(For further information log onto urbidermis.com)

Applicable standards: EN 40-5, EN ISO 1461, UNE EN 60598, UNE EN 60031, UNE EN 55015, UNE EN 61000, UNE EN 60529, UNE EN 62471, IEC/TR 6247-2, UNE EN 62262.

Protections: IP66 (protection from dust ingress and high-pressure water jets), IK08 (protection against external mechanical impacts)

Electrical rating: Class I

Light source: High-efficiency optical 1 or 2 LED lineal modules.

Nominal lamp power (W):

1 module LED: 30

2 module LED: 2x30

System power (W):

1 module LED: 32

2 module LED: 2x32

Operating current (mA): 350

Colour temperature (K°): 3000 CRI min80

Power supply: constant current driver.

Regulation:

1-10V / DALI / Header flux regulation / Programmable automatic regulation.

The LED luminaire may be regulated using a number of differing interfaces.

These controls allow specific, individual control of light, reducing energy consumption in a sustainable manner.

Constant light output (CLO)

Assures a constant lumen output from the luminaire throughout its lifetime.

Power factor (cos φ):

LED n°	Current (mA)	P (W) 100% CLO 80%
1	350	-
2	350	-

Operating voltage: 220-240V 50-60Hz (CE)

Wire:

1 kV 3 x 2,5mm²

1 kV 6 x 1,5mm² (prog.)

Temperature operating range Ta (°C): between -25 and 30 (450mA)

Lifetime: TM21 L70 (10k) > 60.000 h

Thanks to an optimised thermal design, the luminous flux is maintained up to 70% after 60.000 h.

Light distributions:

Asymmetric: Type I (according to IESNA classification).

Upper Light Output Ratio (FHS%): 0.23

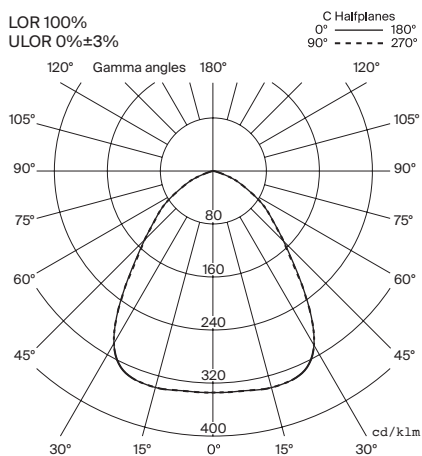
Configurations:

Reference	LED n°	Color T* (K)	Current (mA)	Lamp power (W)	System power (W)	IESNA TI	
						Luminaire luminous flux (lm)	Efficacy (lm/W)
VIA01L+VIA11P	1	3000 IRC min 80	350	30	32		
VIA02L+VIA11P	2	3000 IRC min 80	350	2x30	2x32		

**Asymmetric
TI Distribution**

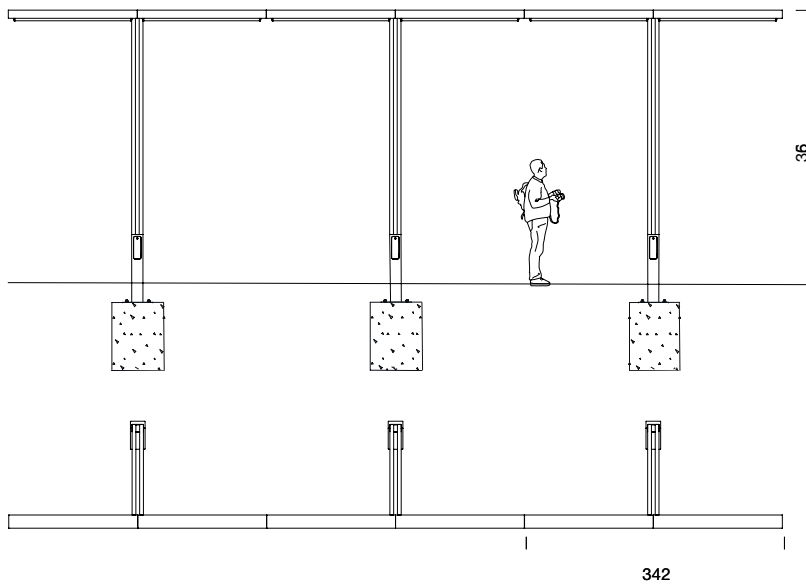
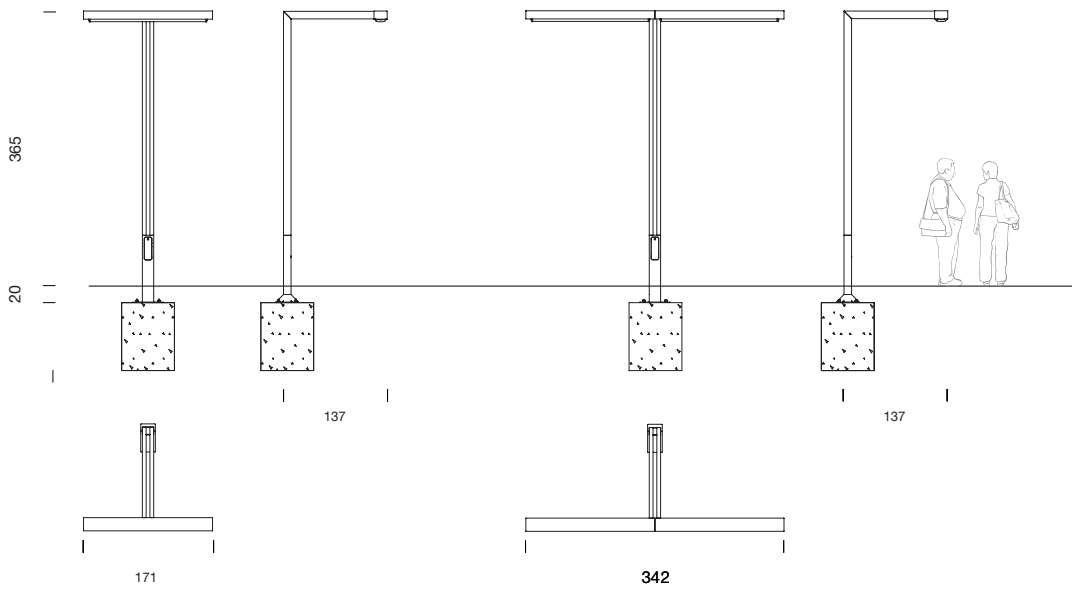
Max. intensity 341.76 cd/klm

LOR 100%
ULOR 0%±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 dirt or sand of medium compactness ($E_0 = 4800 \text{ KN/m}^2$), with HM-20 concrete. Non-binding information.

We advise to carry out checks for each situation.



Sizes in cm