



Materials:

Large 18 m² top made of eight pine slats treated in an autoclave (waterproof and fungicidal). Supporting structure made of hot-dip galvanised and primed steel profiles with Light grey painted finish. Pole made of hot-dip galvanising structural and primed steel profiles painted Light grey, 150 x 100 mm rectangular base and 100 x 50 mm forked pole. Shade for two luminaires with a rectangular section of the same material and finish. Extruded aluminium luminaire and polycarbonate diffuser.

Finishes:



Light grey

Autoclave pine

*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):

Initial module: 844

Alignment module: 725

Surface exposed to wind (m²):

Installation:

Fully mechanical installation without welding by means of stainless steel fixation bolts. The pole is fixed using a concrete cube, with groove for wiring in case of the streetlamp version, made on-site and four pole anchor bolts, 20 cm below the pavement surface.

Delivered in six parts: pole, lateral pole, supporting structure, wooden top, shade for luminaires, and luminaires.

Instructions, screws, template, trim cover and pole anchor bolts included.

(For further information log onto urbidermis.com)

Applicable standards: UNE-EN 40-5, UNE-EN ISO-1461, UNE-EN 1090, UNE EN 60598, UNE-EN 62031, UNE EN 55015, UNE EN 61000, UNE EN 60529, UNE-EN 50102.

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 LED: 30
2 LEDs: 2x30

System power (W):

1 LED: 32
2 LEDs: 2x32

Operating current (mA): 350

Color 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 (350mA)

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.

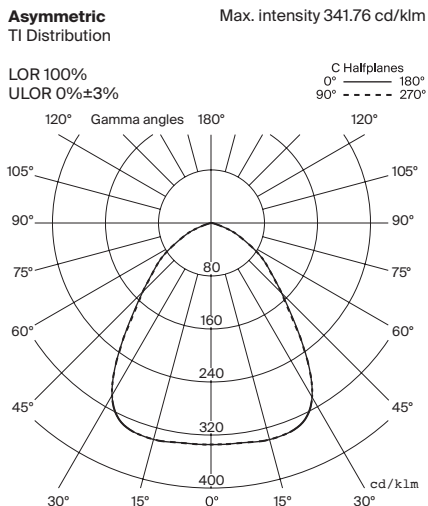
Light distributions:

Asymmetric: Type I (according to IESNA classification).

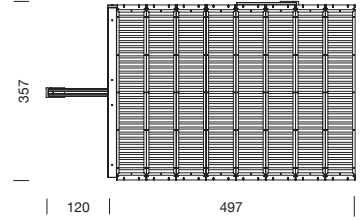
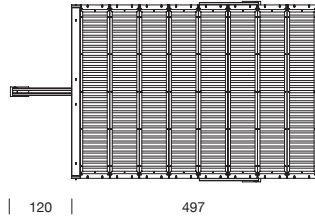
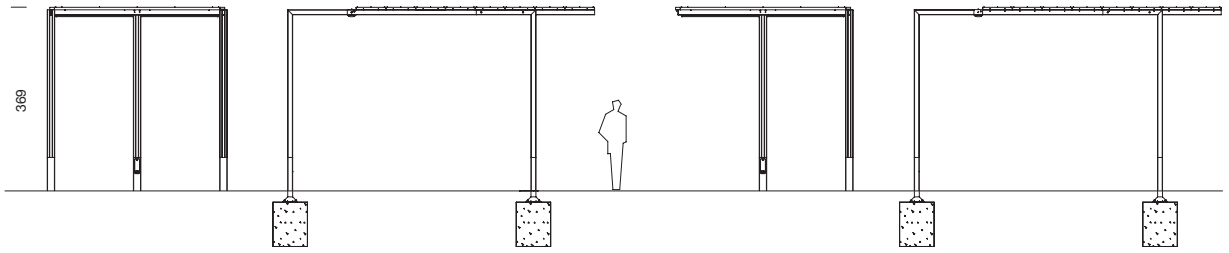
Upper Light Output Ratio (FHS%): 0.23

Configurations:

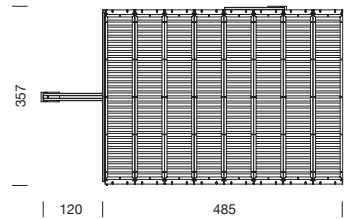
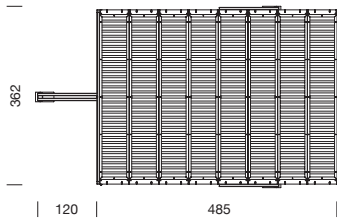
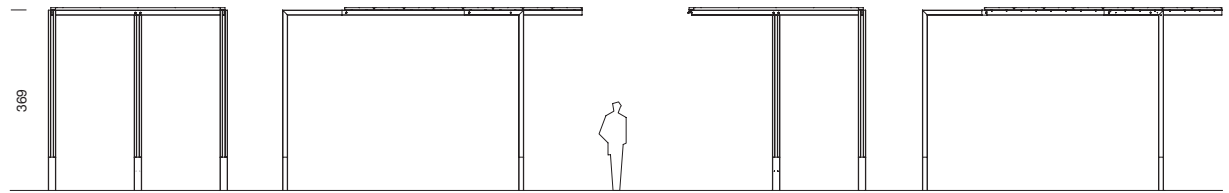
Reference	LED n°	Color T° (K)	Current (mA)	Lamp power (W)	System power (W)	IESNA TI	
						Luminaire luminous flux (lm)	Efficacy (lm/W)
VIA01L+VIA11P	1	3000 IRC min 80	350	30	32		
VIA02L+VIA11P	2	3000 IRC min 80	350	2x30	2x32		



*Recomendations: 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.



Via Láctea pergola with light



Via Láctea pergola without light

Sizes in cm