

Sizes in cm



Materials:

Street lamp comprising two poles of differing heights made of hotdip galvanised steel, primed and painted, joined together as a cross by a stainless steel axis satin polished.

Finishes:



Light grey

Satin polished

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

**See special finishes for marine environments

Weights (kg):

Simple: 185

Double: 340

Distance between bolts (mm):

Simple: Ø 312 / 120

Double: Ø 230 / 120

Included bolts:

Simple: (8x) M18 x 500

Double: (16x) M18 x 500

Installation:

The pole is fixed using a concrete cube, with groove for wiring, made on-site and four pole anchor bolts, 24 cm below the pavement surface.

The street lamp is delivered disassembled in five parts: poles, axis, luminaires and floodlights.

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

(For further information log onto urbidermis.com)

Applicable standards: UNE-EN 60529, UNE-EN 60598, UNE-EN 55015, UNE-EN 61000, UNE-EN 50102, UNE-EN 62031, (ensayos realizados por laboratorio acreditado ENAC, CE).

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

Electrical rating: Class I (CE)

Light source: High-efficiency optical unit with 36 LEDs or Lineal LED.

Nominal lamp power (W):

36LEDs: 51

Lineal LED: 2x38

System power (W):

36LEDs: 59

Lineal LED: 2x46

Operating current (mA): Lineal LED (350), 36 LEDs (500)

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):

| N° LEDs | Current (mA) | P (W) 100%, CLO 80% |
|------------|--------------|------------------------|
| 36 | 500 | 0.97 |
| Lineal LED | 350 | |

Operating voltage: 220-240V 50-60Hz (CE) / 120-277V 60Hz (UL)

Wire:

0,6/1 kV 3x2,5mm²

0,6/1 kV 5x1,5mm² (prog.)

Temperature operating range Ta (°C): between -25 and 30 (500 mA)

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:

Symmetric: Wide Flood (WF 76°)

Upper Light Output Ratio (FHS%): 20

Configurations

| Reference | N°LEDs | Color T° (K) | Current (mA) | Lamp power (W) | System power (W) | Wide Flood | |
|-----------|-----------|-----------------|--------------|----------------|------------------|------------------------------|-----------------|
| | | | | | | Luminaire luminous flux (lm) | Efficacy (lm/W) |
| SAFL15P | 4x36 | 3000 IRC min 80 | 500 | 51 | 59 | | |
| SAFL05P | | | | | | | |
| SAFL15P | 2 módulos | 3000 IRC min 80 | 350 | 38 | 46 | | |

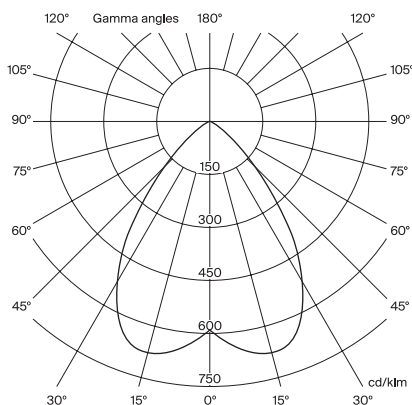
Symmetric

Max. intensity cd/klm

Wide Flood Distribution

LOR 20,19%
ULOR 0%±3%

C Halplanes
0° ——— 180°
90° - - - - 270°



*Recomendation: 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.