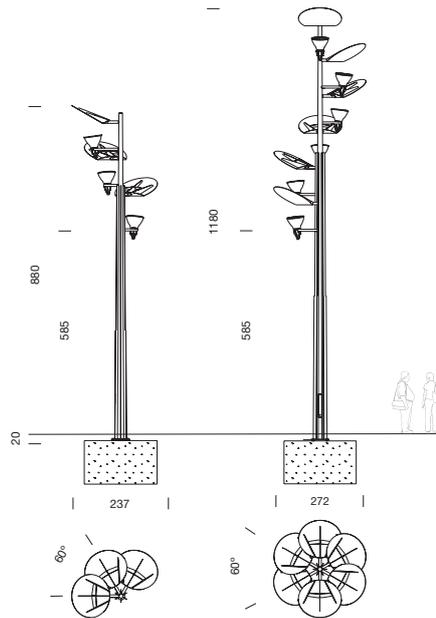


Lampelunas Streetlamp

José A. Martínez Lapeña, Elías Torres. 1986

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Sizes in cm



Materials:

Reflective shades made of zinc-plated and primed steel, with paint finish. Cast aluminium revolving floodlights with paint finish, spinned aluminium reflector and tempered optical glass diffuser. Fastening bracket made of galvanised steel. Tapered pole, 9 or 12 m high, made of hot-dip galvanised steel and painted, reinforced with 5mm thick gussets from the base.

Finishes:



Light grey

White

Blue RAL 5023

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

**See special finishes for marine environments

Sizes (cm):

66 x 115 x 95

Weight (kg):

9 m: 600

12 m: 870

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. The element is delivered disassembled in three parts: floodlight, shade and pole.

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

(For further information log onto urbidermis.com)

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

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 COB unit

Nominal lamp power (W):

3 COB: 3x70

6 COB: 6x70

System power (W):

3 COB: 3x89

6 COB: 6x89

Operating current (mA): 1700

Color temperature (K°): 3000 CRI min80

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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%
3	1700	0.9

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

Wire:

0,6/1 kV 3x2,5mm²

0,6/1 kV 5x1,5mm² (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.

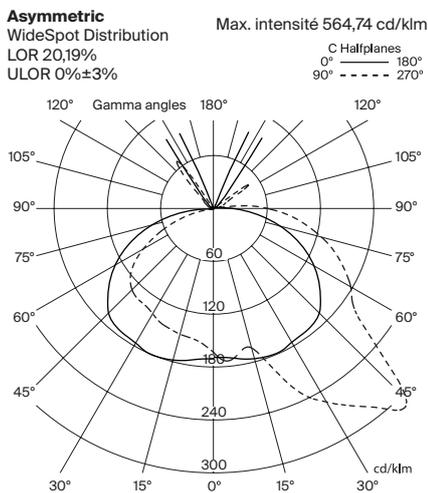
Light distributions:

Indirect: WideSpot asymmetric. (Shade tilt 14°)

Upper Light Output Ratio (FHS%): 20

Configurations:

Reference	N°LEDs	Color T° (K)	Current (mA)	Lamp power (W)	System power (W)	WideSpot asymmetric	
						Luminaire luminous flux (lm)	Efficacy (lm/W)
LLFL02 + LLF11P	3	3000 CRI min 80	1700	70	89		
2 LLFL02 + LLF21P	6	3000 CRI min 80	1700	70	89		



*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.