Lamparaalta
Streetlamp
Beth Galí, Màrius Quintana. 1983

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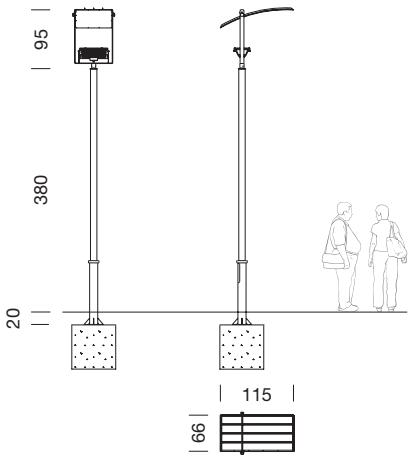


Sizes in cm

CE RoHS IP 55 IK 08

Materials:
Curved shade made of galvanised and primed steel with White paint finish. Bracket for shade and floodlight made of hot-dip galvanised and primed steel with Blue RAL5023 paint finish. Painted cast aluminium floodlight with Light grey paint finish and tempered glass cover. Nikolson pole made of hot-dip galvanised and primed steel with paint finish. The base tube is Ø 127 mm and 1.00 m high. The upper tube is Ø 100 mm and 2.80 m high. The connecting ring between the two tubes is made of molded steel.
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
Size (cm):
76 x 28 x 9
Weight (kg):
15

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 four parts: floodlight, shade, bracket and pole.
Instructions, screws, template and 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: IP55 (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 12 LEDs
Nominal lamp power (W):
12 LEDs: 50
System power (W):
12 LEDs: 60
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):

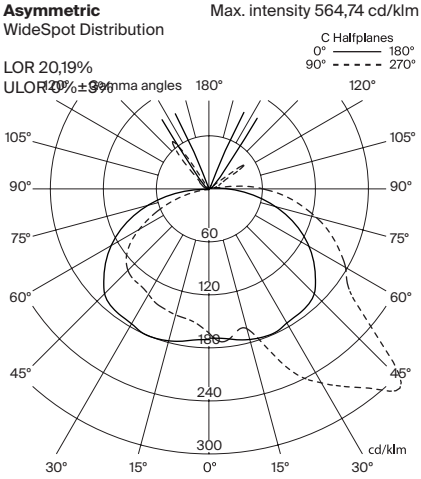
LED n°	Current (mA)	P (W) 100%, CLO 80%
12	350	0.9

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) > 50.000 h
Thanks to an optimised thermal design, the luminous flux is maintained up to 70% after 50.000 h.

Light distributions:
Indirect: WideSpot asymmetric.
*Shade tilt 14°
Upper Light Output Ratio (FHS%): 20
Configurations:

						WideSpot asymmetric	
Reference	**N°LEDs**	**Color T° (K)**	**Current (mA)**	**Lamp power (W)**	**System power (W)**	**Luminaire luminous flux (lm)**	**Efficacy (lm/W)**
LAF2 + LAF12	12	3000 CRI min 80	50	60	350		

Asymmetric
WideSpot Distribution
LOR 20,19%
ULOR 0% ± 3%



*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 KN/m²), with HM-20 concrete. Non- binding information.
We advise to carry out checks for each situation.