Latina

Streetlight

Beth Galí
1998

Product description

Certificates

CE cULus RoHS IK 08 IP 66

Finishes

Luminaire	Column	Support
Light grey	Corten steel	Galvanised steel

The finishes shown are purely indicative. With **Superior** protection: high corrosion resistance for environments with demanding climate conditions. For coastal areas with severe climate conditions, check out our Premium protection finish. Other colours are available upon request. Corten steel initially displays a tone that gradually evolves as it completes its natural oxidation when exposed to the outdoors.

Materials

- Anodised injection-moulded aluminium EN-AC-47100 Arne floodlights with powder-coated finish.
- Interior ABS-PC plastic reflector.
- Tempered optical glass diffuser.
- A2 stainless steel hardware and metal cable gland.
- Corten steel shaft with rectangular base and forked upper section.
- Rectangular tube section support for five floodlights made from hot-dip galvanised steel.
- Round tube brace made of hot-dip galvanised steel.
- Stainless steel joints.

Regulations

- UNE-EN 60529
- UNE-EN 60598
- UNE-EN 55015
- UNE-EN 61000
- UNE-EN 50102
- UNE-EN 62031
- Lighting system with CE marking from a laboratory certified by ENAC [Spanish National Accreditation Body].
- IP66 (hermetically protected from penetration of dust and water jets).
- Suitable for wet areas.
- IK08 (protected from external mechanical impacts).
- Electrical class: Class I (CE).

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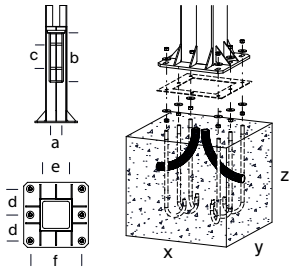
Installation and maintenance

- Column secured via a concrete block, with a groove for electrical connection, which is produced on site with six anchoring bolts per column, 24 cm below the level of the pavement.
- Template and anchoring bolts included.
- The element is delivered as two separate parts: the luminaire and the column.
- Instructions and hardware included.
- The element is supplied disassembled in four separate components: floodlights, support, brace and column.
- Clean using pH neutral, alcohol-free, non-abrasive cleaning products. The optical glass can be cleaned with non-abrasive cleaning products.



Reference	Total height (m)	Visible height (m)	External measurements (mm) (e)	Thickness (mm)	Base plate (mm)	Distance between bolts (mm) (f/d)	Bolts (x6)	No. of openings	Opening (mm) (a/b/c)	Foundation (mm) (x/y/z)
LTFL15	14.9	14.7	300	5	600x600x20	480/240	M27x1000	1	160x660x340	1800x1800x2000

*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 sand of medium compactness (EO = 4800 KN/m2), with HM-20 concrete foundations. Information is not binding. We advise that checks are carried out at each location.

Technical information

System power (W)

High efficiency optical unit
36 LEDs 5x56 W

Operating current (mA)

500

Colour temperature (K)

3000 CRI min 80

Power supply

Constant current driver.

Protocols and control

Protocols
- 1-10V protocol
- Dali protocol

Control
- Dynamic programming
- Analogue control

Functionalities
- Constant Luminous Management (CLM)
- Temperature control
- Surge protector (CE)

Recommended cable

0.6-1 kV
3 x 2.5 mm^2

Operating voltage

220-240V 50-60Hz (CE)

Ambient temperature (ºC)

Ta 35

Service life

TM21 L90 (10k) > 100,000 h
Luminous flux is maintained at 90% after 100,000 h.

Upper Hemisphere Flux (UHF%)

0

Surface exposed to wind (m^2)

SW 0.24

Weight kg [lb]

895 [1973.1]

Power factor (cos Φ)

Current (mA)	P (W) 100% CLO 90%
	36 LEDs
500	0.97

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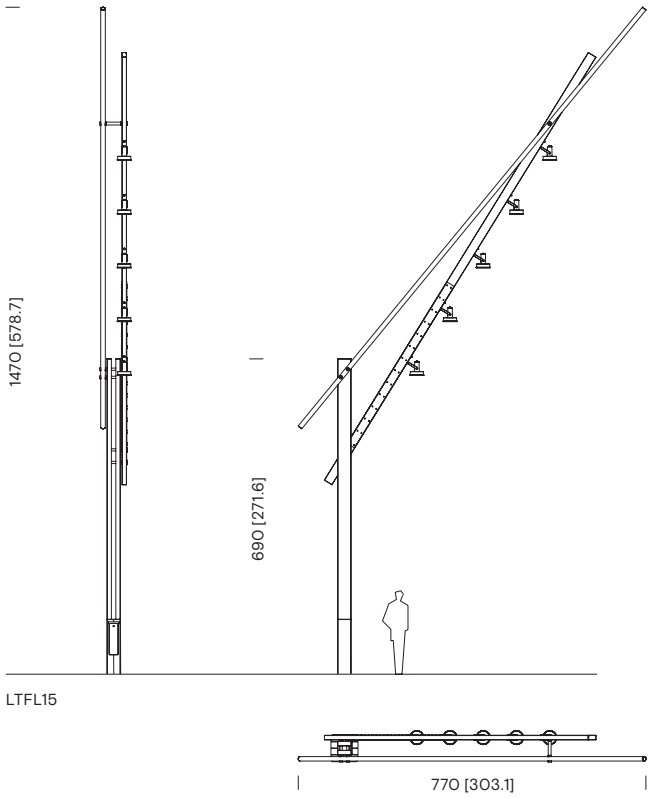
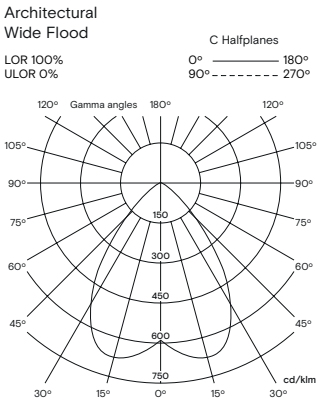
Dimensions cm [in]



Lighting distributions



Latina					Wide Flood **WF	
Reference	System power (W)	No. of LEDs	Colour temperature (K)	Current (mA)	Luminous flux (lm)	Luminous efficacy (lm/W)
AR*P36B1**	56	36	3000K CRI min80	500	6181	110

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