Lola is a street lamp that has nothing to do with traditional proposals and maintains a balance between functionality and the expressive nature of the lamp holder. A white plastic rotary moulded cylinder suspended from its generator of an unequivocal origin transmits a classic lighting concept from indoors to outdoors, allowing it to be integrated in different urban contexts.

LED | CE | **UNE-EN 40-5** | **Galvanised steel** | IP**66** (opt.) | IK**08** | ⏚ | **10 KV** | **7 m/max** | **116 kg**

Update 31.03.2021

LOLA

Caveda Granero Romojaro 2007

escofet®

Origin

Homologated as a site furnishing by the council of Madrid in 2006, the *Lola* street lamp was first installed in Plaza Castilla, Madrid, and later in Plaza del 2 de Mayo in Móstoles.

Protected

IP66 seal, IK08 protection against impacts and protection against transient overvoltages. It can easily be accessed for the inspection of the internal components from the top.

Material

Cylindrical post of 6 and 7 metros in length, made from galvanised, painted steel. White plastic rotary moulded lamp holder that is resistant to UV radiation on an injected aluminium casing and up to three LED modules of 25 W with a built-in diffuser.

Installation

All the columns are anchored with a base plate and four threaded bolts to a concrete foundation with the recommended generic dimensions. Unloaded and handled with slings, ensuring the post is protected from grazing.

LOLA

1. **Lighting**

Lola LED	**Lighting**
Dimensions	Ø74,5 x 34,5 cm
Weight	29 kg
Finish	

Matt white	Silver anodized colour

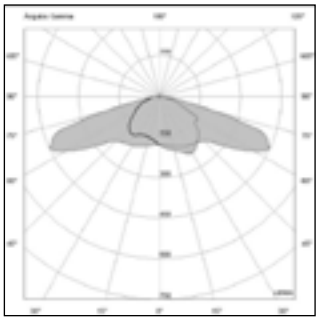
1.1 General features

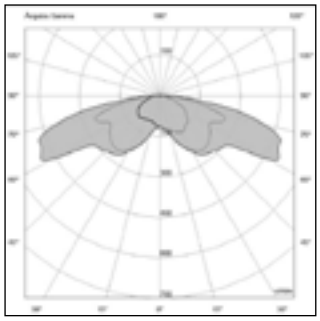
Material	Rotomolding Polyethylene high density	**Power supply voltage (V)**	220 -240
Frequency (HZ)	50-60	**Powers (W)**	LED 25 / 50 / 75
No. of LEDs	12 / 24 / 36	**LED intensity (mA)**	700
Power factor	0,95 (min)	**Colour temperature (ºK)**	3000 Warm white 4000 Neutral white
Luminous flux (lm)	Warm white from 2404 a 9616 Neutral white from 2551 a10414	**Luminous efficiency (lm/W)**	Warm white from 81 a 90 Neutral white from 86 a 98
IP protection level	IP54 (lamp) iP66 (optics / components)	**IK protection level**	IK08
Chromatic reproduction CRI	90	**Luminous flux maintenance**	100.000h L80F10 (T 25ºC)
Service temperature	de -20 a +50ºC	**Maximum assembly height**	6,6 m
Surface area exposed to the wind (m^2)	0,22	**Regulation**	1 - 10V (DALI optional)
Overvoltage protection	10KV		

REALIA

1.2. Photometry

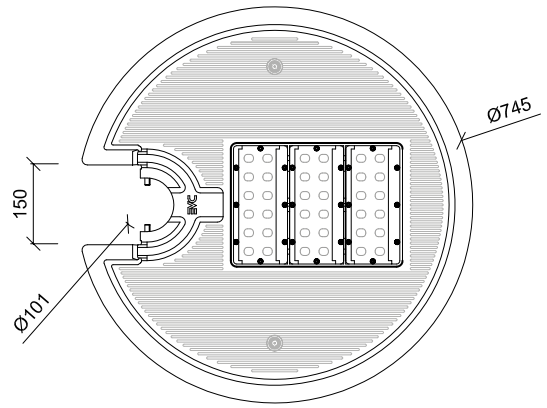
Light distribution
Acording to IESNA classification (iluminating Engineering Society of North America)





IESNA TYPE III	**IESNA TYPE IV**
LED3C/ LED3F	LED4C/ LED4F
Side asymmetrical	Front asymmetrical

1.3. Design and dimensions



TOP

FRONT

1.5 Table of specifications

Model	Optical type	Number of LEDs	Chromatic reproduction index, CRI	Colour temperature* (K)	LED type	LED intensity (mA)	LED power (W)	Lighting power (W)	Luminous flux (lm)	Luminous efficiency (lm/W)
LOLA-LUM-C/25WLED3C	LED3C	12	70	3000	Luxeon TX	700	23,5	29,80	2.822,57	94,72
LOLA-LUM-C/25WLED4C	LED4C									
LOLA-LUM-C/25WLED3F	LED3F			4000			23,4	29,58	2.994,68	101,24
LOLA-LUM-C/25WLED4F	LED4F									
LOLA-LUM-C/50WLED3C	LED3C	24		3000			47	55,30	5.270,25	95,30
LOLA-LUM-C/50WLED4C	LED4C									
LOLA-LUM-C/50WLED3F	LED3F			4000			46,7	54,80	5.808,47	105,99
LOLA-LUM-C/50WLED4F	LED4F									
LOLA-LUM-L/50WLED3C	LED3C			3000			47	55,30	5.270,25	95,30
LOLA-LUM-L/50WLED4C	LED4C									
LOLA-LUM-L/50WLED3F	LED3F			4000			46,7	54,80	5.808,47	105,99
LOLA-LUM-L/50WLED4F	LED4F									
LOLA-LUM-L/75WLED3C	LED3C	36		3000			70,6	81,00	7.852,70	96,95
LOLA-LUM-L/75WLED4C	LED4C									
LOLA-LUM-L/75WLED3F	LED3F			4000			70	80,80	8.663,28	107,22
LOLA-LUM-L/75WLED4F	LED4F									

*Variations optional according to the project.

1.6 Lighting regulations

UNE-EN 60598-2-3:2003+Corr:2005+A1:2011
(en conjunción con UNE-EN 60598-1:2015)
UNE-EN 62031:2009+A1:2013+A2:2015
UNE-EN 50102:1996+A1:1999+Corr:2002+A1
CORR:2002
UNE-EN 61000-3-2: 2014
UNE-EN 61000-3-3: 2013
UNE-EN 55015:2013
UNE-EN 61547:2011
UNE-EN 62493:2011

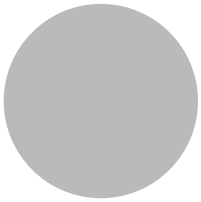
1.7 Advice

The light source of the lightings must be replaced only by the manufacturer or its technical service or by an equivalent qualified person.

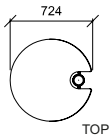
The lighting should be installed such that prolonged staring at the lighting from a distance of closer than 2.8 metres is not expected.

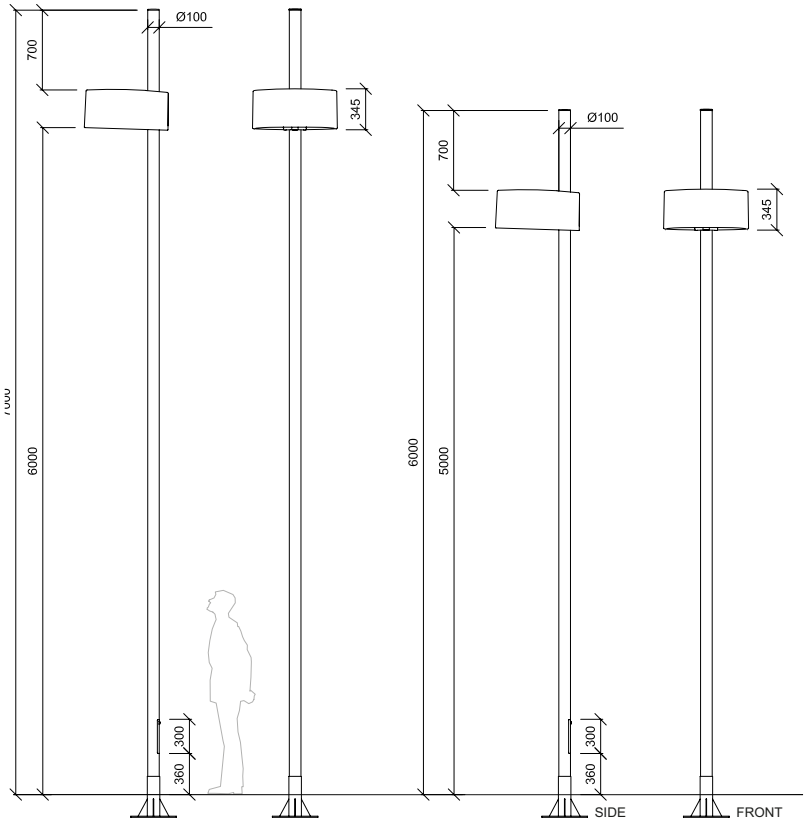
2. **Post**

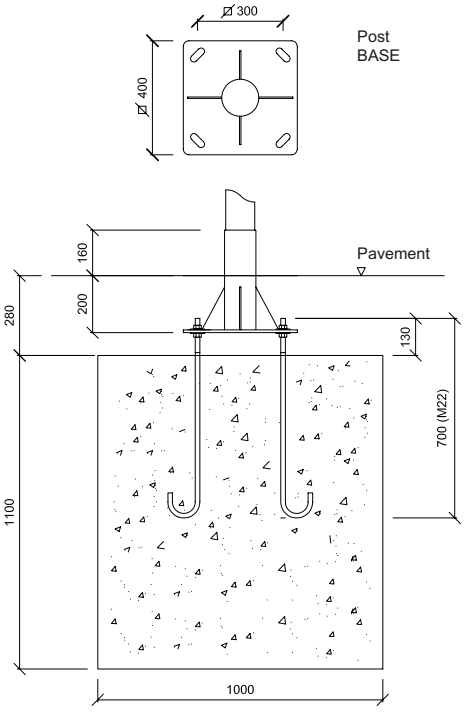
Lola

Material	Carbon Steel S275JR galvanized	**Weight**	102 kg (6 m); 116 kg (7 m)
Dimensions	7000 x Ø100 mm (máx)	**Thickness**	4 mm
Finish	**1.** Two-component, zinc phosphate epoxy primer. **2.** Two-component polyurethane enamel, satin finish. URKI-NATO SAT, classified M-1 as per UNE 23727:1990. F-1 as per NF F-16101.		
			
	A. Steel gray color		
Post regulations	UNE-EN 40-5:2002	**Reinforcement**	Bottom ring, 4 mm thick

2.1 Configurations







4 bolts M22x700
Base 1000x1000x1100 mm

LOLA

The names, trade marks and industrial models of the products have been deposited in the corresponding registries. The technical information provided by Escofet about its products may be modified without prior notice.

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