


The objective behind the *Wide* concept is to create a contemporary lamp that is technologically and formally different from standard products, and principally, that of a clear interpretation of its morphology: A frame that holds the lamp with two lengths adapted to different installed LED technology powers.

LED | CEE | UNE-EN 40-5 | Aluminium  |  | IP66 | IK08 |  | 10 KV |  9 m/max |  190 kg

 Update 03.03.2021



**Efficient**

Low energy consumption, high light output, with no glass diffuser and a long useful life of its LED modules.

**Innovative**

Heat dissipation throughout its casing and a slidable tray to facilitate the inspection of its electronic components.

**Protected**

IP66 seal, IK08 protection against impacts and protection against transient overvoltages.

**Flexible**

The lamp has two casing sizes that adapt to different installed powers. Its bottom plane allows the free installation of multiple combinations of PCB and optics.

**Adaptable**

The street light unit admits heights between 4 and 9 metres and diverse lamp configurations: single, double or scaled up to a maximum of five units.

**Material**

Lamp made entirely from three anodised aluminium extrusion profiles. Column made from galvanized steel or zinc-plated and primer and polyurethane enamel. Fastening system with a dual, cast flange of anodised aluminium, with easily accessible connection cabling.

**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.



The wide range of heights and configurations, as well as the versatility of its modules and optics, ensure that it is suitable for a wide variety of urban environments, with optimum and precise light distribution at night and a discreet presence during the day.



WIDE

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1. Lighting

WIDE

Wide	Long	Short
Dimensions	1335 x 230 x 85 mm	1157 x 230 x 85 mm
Weight	12 Kg	9 Kg

Finish



Matte anodised silver

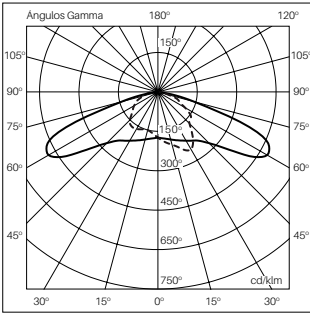
1.1 General features

Material	Extruded aluminium, EN AW-6060 T6	Power supply voltage (V)	220 -240
Frequency (HZ)	50-60	Powers (W)	25/ 50/ 75/ 100
No. of LEDs	12/ 24/ 36/ 48	LED intensity (mA)	700
Power factor	0,95 (min)	Colour temperature (°K)	3000 Warm white 4000 Neutral white
Luminous flux (lm)	<div><div></div> Warm white from 2822 to10773</div> <div><div></div> Neutral white from 2994 to11673</div>	Luminous efficiency (lm/W)	Warm white from 95 to100 Neutral white from 101 to 110
FHS light pollution	0,89% (max)	Equipment class	Clase I
IP protection level	IP66	IK protection level	IK08
Chromatic reproduction CRI	70	Luminous flux maintenance	80.000h L70F10 (T 25°C)
Service temperature	de -20 a +50°C	Maximum assembly height	9 m
Surface area exposed to the wind (m²)	0,33	Regulation	1 - 10V (DALI opcional)
Overvoltage protection	10KV		

1.2. Photometry

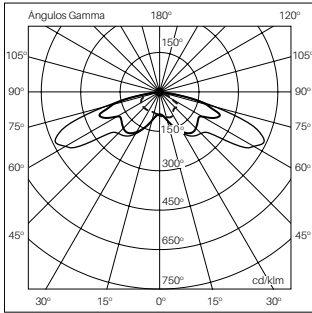
Light distribution

According to IESNA classification (Illuminating Engineering Society of North America)



IESNA TYPE III  
LED3C/ LED3F

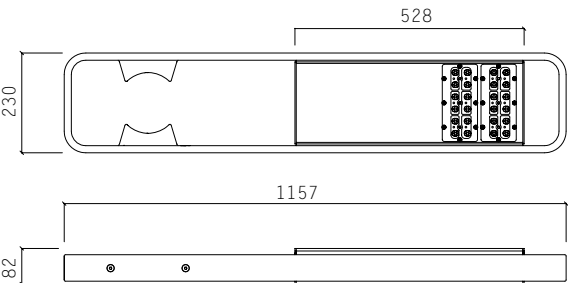
Side asymmetrical



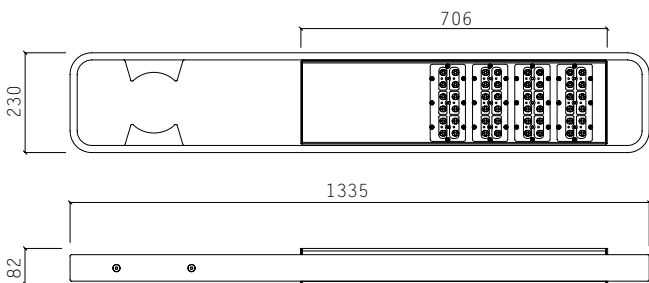
IESNA TYPE IV  
LED4C/ LED4F

Front asymmetrical

1.3. Design and dimensions

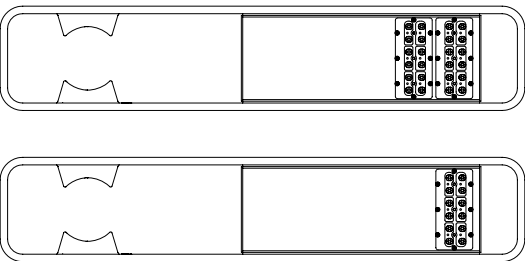


Short. WIDE-LUM-C

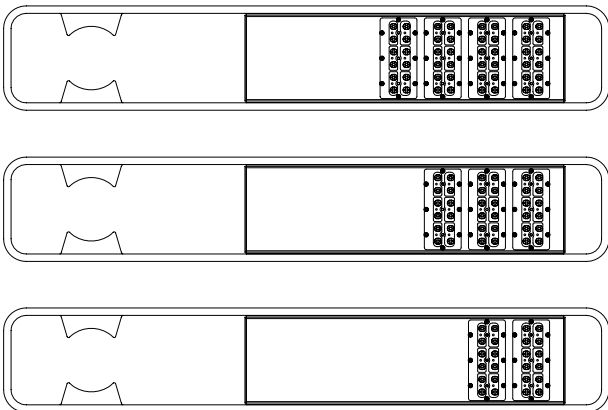


Long. WIDE-LUM-L

1.4 Optical distribution unit



Short. WIDE-LUM-C



Long. WIDE-LUM-L

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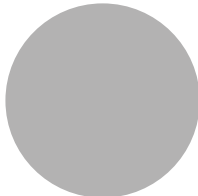
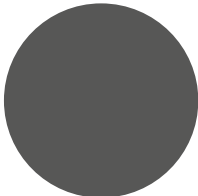

## 1.6 Lighting regulations

UNE-EN 60598-2-3:2003+Corr:2005+A1:2011  
(in conjunction with 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

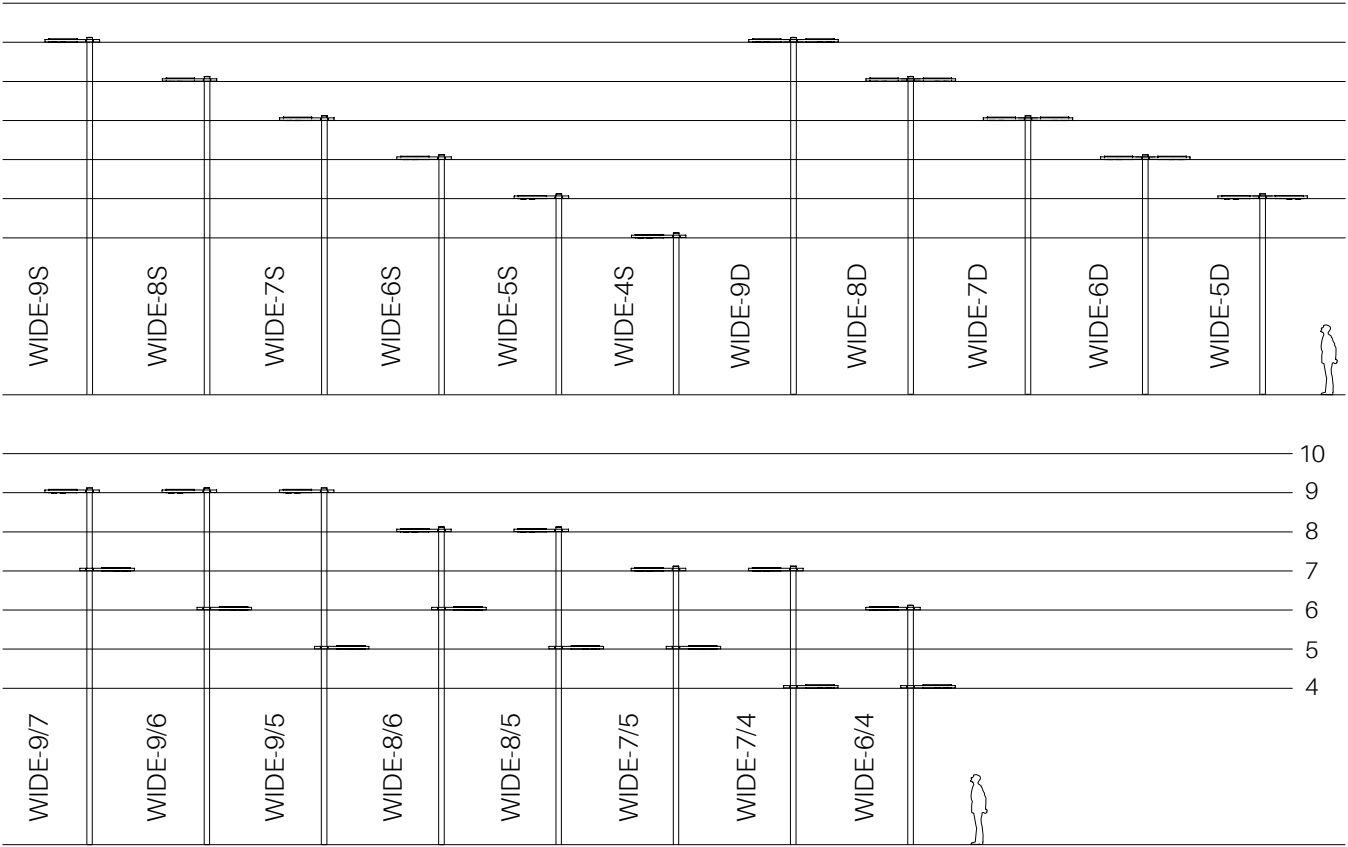
The lighting should be installed such that prolonged staring at the lighting from a distance of closer than 2.8 metres is not expected.

2. Post

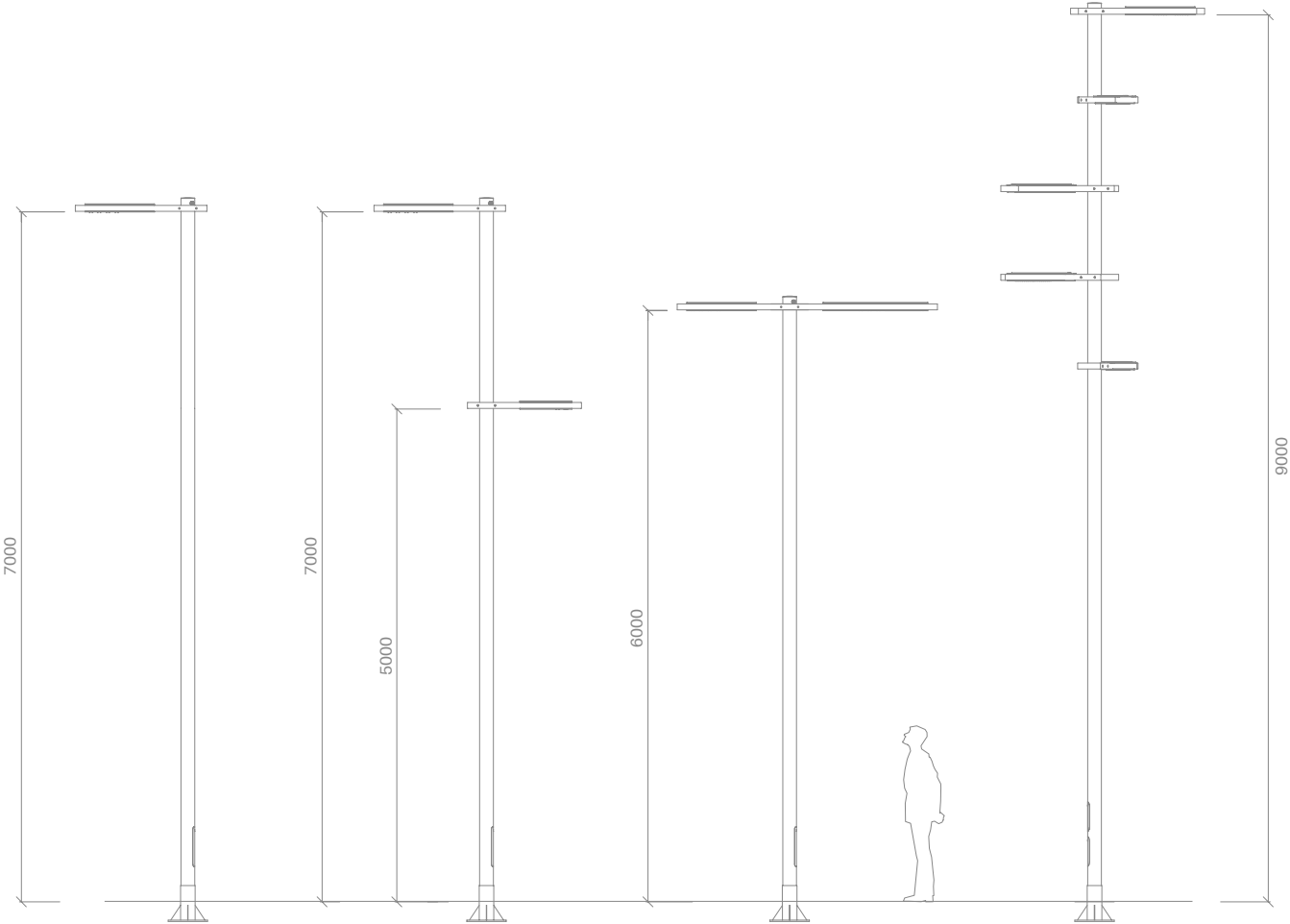
WIDE

Wide			
Material	Acero S275JR	Weight	100 kg (4 m); 118 kg (5 m); 136 kg (6 m); 154 kg (7 m); 172 kg (8 m); 190 kg (9 m)
Diameter	140 mm	Thickness	5 mm
Finish	<div>1. Two-component, zinc phosphate epoxy primer.</div> <div>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.</div>		
<div><div></div><div></div><div></div></div>			
	A. Galvanized	B. Galvanized and painted RAL 9006 STD C	C. Hashi wood post
Post regulations	UNE-EN 40-5:2002	Reinforcement	Bottom ring, 4-mm thick

2.1 Configurations



2.2 Design options



Simple Wide

Double high Wide

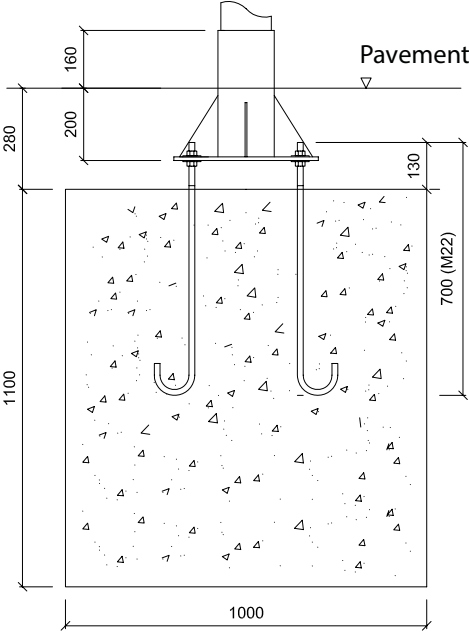
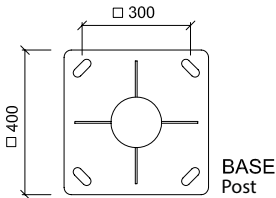
Double Wide

Stair Wide

2.3 Foundation

**4 bolts**  
M22 x 700mm

**Footing of**  
1000 x 1000 x 1100mm



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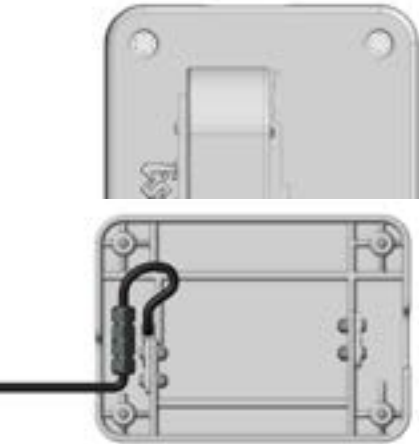
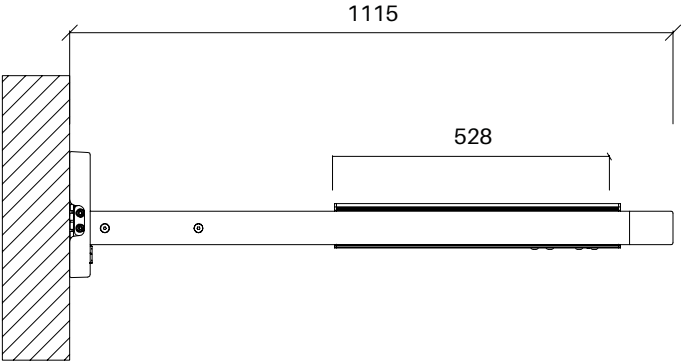
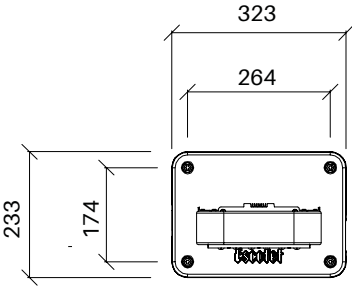


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2.5 Wallamp



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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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