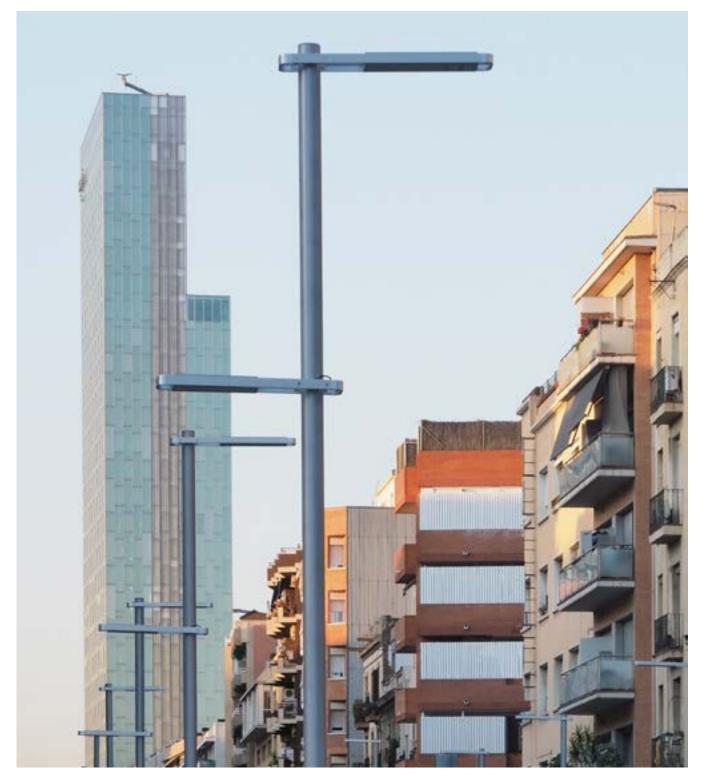
The objective behind the Wide concept is to create a contemporary lamp that is technologically and formally different from standard products, and principally, that of a clear interpretation of its morphology: A frame that holds the lamp with two lengths adapted to different installed LED technology powers.

LED | **(** € | UNE-EN 40-5 | Aluminium **(**) | **(**) | P66 | K08 | **(**) | **10** KV | **(** 9 m/max | **(** 190 kg)

C Update 03.03.2021





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 easing 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.









$1. \ {\bf Lighting}$

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

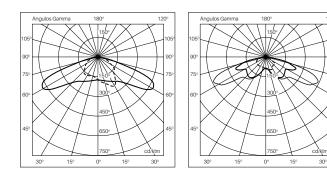
1.1 General features					
Material	Extruded aluminium, EN AW-6060 T6	Power supply voltage (V)	220 -240		
Frequency (HZ)	50-60	Powers (W)	25/ 50/ 75/ 100		
No. of LEDs	12/ 24/ 36/ 48	LED intensity (mA)	700		
Power factor	0,95 (min)	Colour temperature (°K)	3000 Warm white 4000 Neutral white		
Luminous flux (lm)	Warm white from 2822 to 10773	Luminous efficiency (lm/W)	Warm white from 95 to 100		
	Neutral white from 2994 to11673		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

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

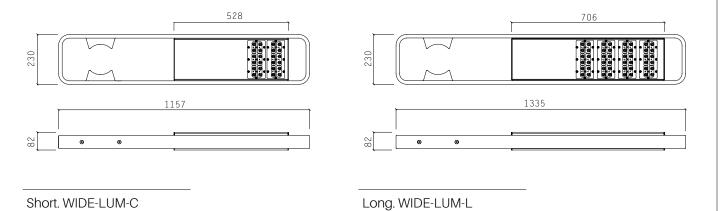


IESNA TYPE III LED3C/ LED3F IESNA TYPE IV LED4C/ LED4F

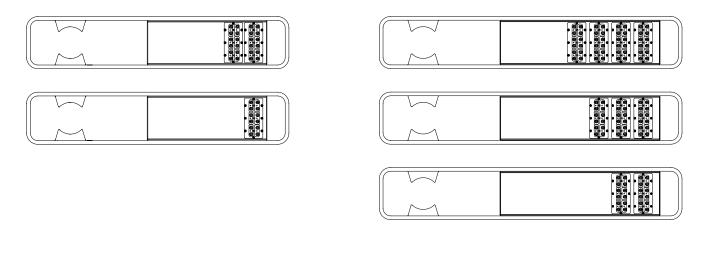
Side asymmetrical

Front asymmetrical

1.3. Design and dimensions



1.4 Optical distribution unit



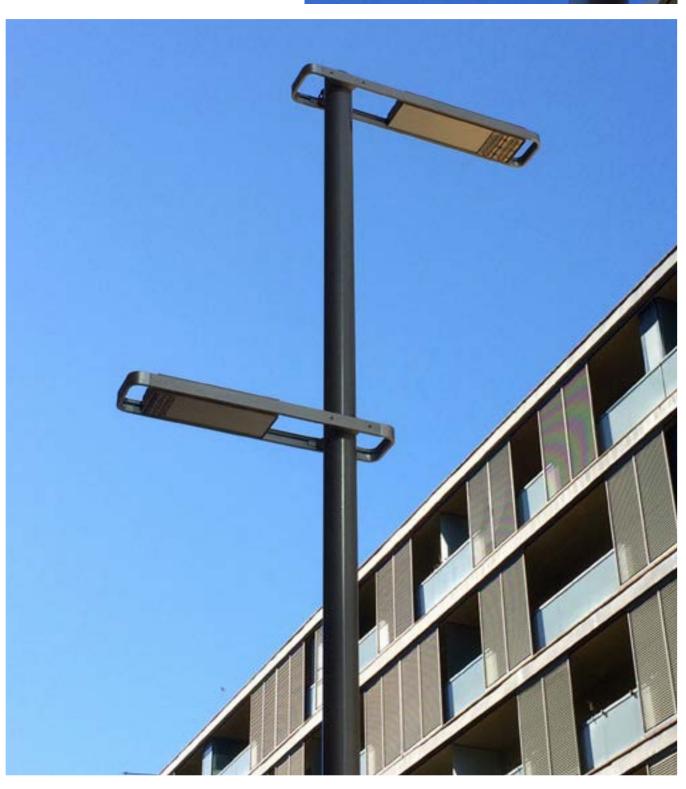
Short. WIDE-LUM-C

Long. WIDE-LUM-L







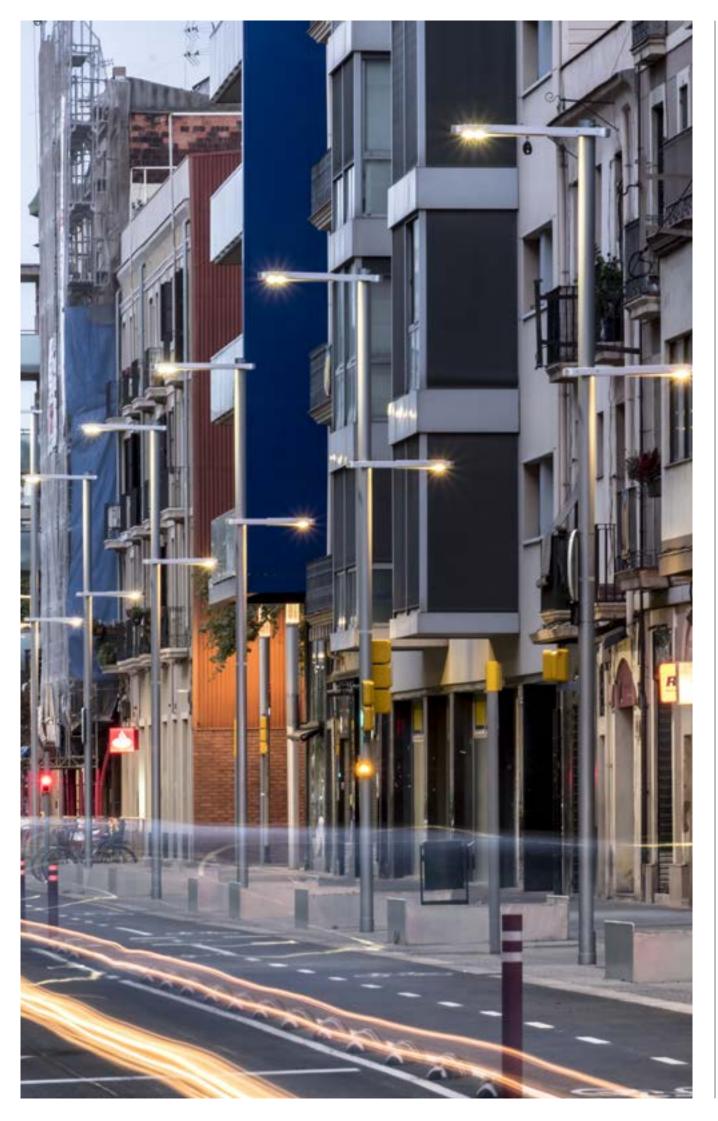












1.5 Table of specifications

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)
WIDE-LUM-C/25WLED3C	LED3C			3000		700	23,5	29,80	2.822,57	94,72
WIDE-LUM-C/25WLED4C	LED4C	12						20,00		U-1,7 Z
WIDE-LUM-C/25WLED3F	LED3F	12		4000			23,4	29,58	2.994,68	101,24
WIDE-LUM-C/25WLED4F	LED4F						20,4	20,00		101,24
WIDE-LUM-C/50WLED3C	LED3C			3000			47	55,30	5.270,25	95,30
WIDE-LUM-C/50WLED4C	LED4C						47	33,30	J.Z70,Z5	
WIDE-LUM-C/50WLED3F	LED3F			4000			46,7	54,80	5.808,47	105,99
WIDE-LUM-C/50WLED4F	LED4F	24	70		Luxeon TX					
WIDE-LUM-L/50WLED3C	LED3C			3000			47	55,30	5.270,25	95,30
WIDE-LUM-L/50WLED4C	LED4C						47	55,50	5.270,25	95,30
WIDE-LUM-L/50WLED3F	LED3F		0	4000			46,7	54,80	5 000 <i>1</i> 7	105,99
WIDE-LUM-L/50WLED4F	LED4F						40,7	54,80	5.808,47	105,99
WIDE-LUM-L/75WLED3C	LED3C			3000			70,6	81,00	7.852,70	96,95
WIDE-LUM-L/75WLED4C	LED4C	36					7 0,0			
WIDE-LUM-L/75WLED3F	LED3F		_	4000			70	80,80	8 663 38	107,22
WIDE-LUM-L/75WLED4F	LED4F			4000			/0	00,80	8.663,28	107,22
WIDE-LUM-L/100WLED3C	LED3C			3000			94,1	106,90	10.641,13	99,54
WIDE-LUM-L/100WLED4C	LED4C	10						106,80	10.773,02	100,84
WIDE-LUM-L/100WLED3F	LED3F	48		4000			00.4	106,20	11.649,09	109,69
WIDE-LUM-L/100WLED4F	LED4F	1					93,4	106,30	11.673,37	109,82

^{*}Variations optional according to the project

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

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.

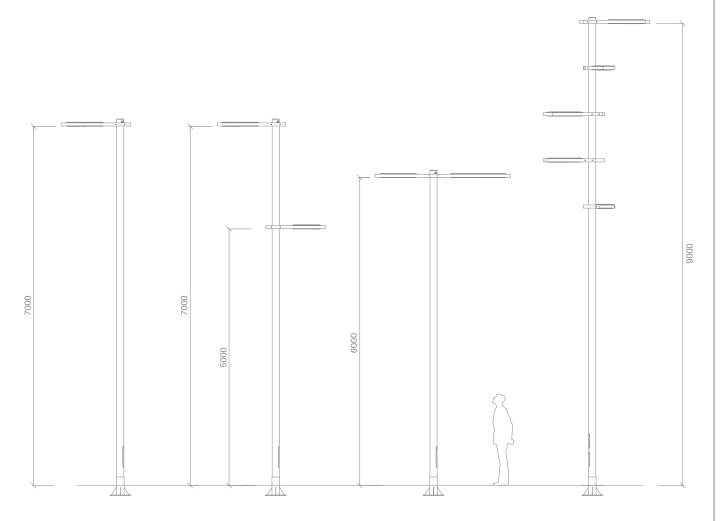


2. Post

Wide												
Material			Acero S2	Acero S275JR				•	100 kg (4 m); 118 kg (5 m); 136 kg (6 m); 154 kg (7 m); 172 kg (8 m); 190 kg (9 m)			
Diame	ter		140 mm	<u> </u>		Thicknes	SS	Ę	5 mm			
Finish			2. Two-d	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. Galva	anized		B. Galvan RAL 9006	ized and p S STD C	ainted (C. Hashi wood post			
Post regulations			UNE-EN 40-5:2002			Reinforcement			Bottom ring, 4-mm thick			
2.1 Configurations												
				<u> </u>								
					_	1						
WIDE-9S	WIDE-8S	WIDE-7S	WIDE-6S	WIDE-5S	WIDE-4S	WIDE-9D	WIDE-8D	WIDE-7D	WIDE-6D	WIDE-5D		
								33			9 8 7 6 5 4	
WIDE-9/7	WIDE-9/6	WIDE-9/5	WIDE-8/6	WIDE-8/5	WIDE-7/5	WIDE-7/4	WIDE-6/4	}			— 4 ———	



2.2 Design options



Simple Wide Double high Wide Double Wide Stair Wide

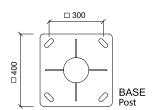
2.3 Foundation

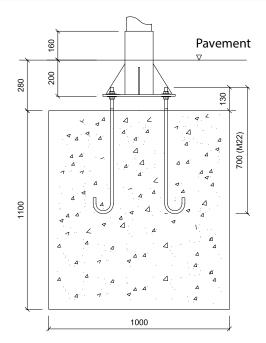
4 bolts

M22 x 700mm

Footing of

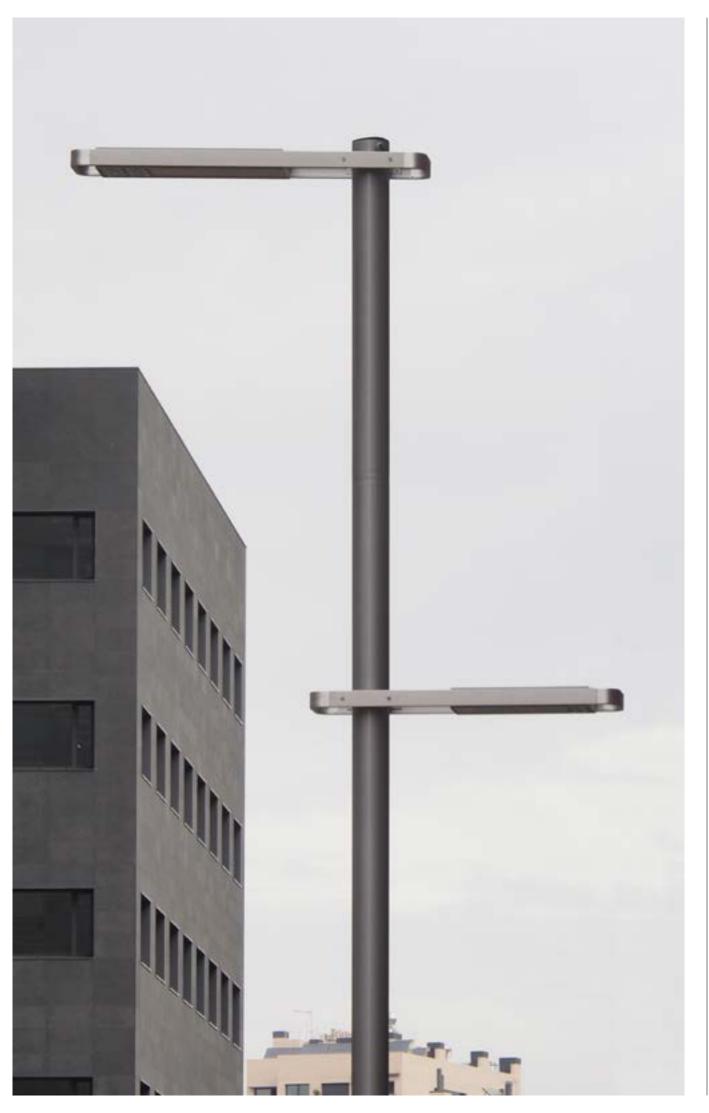
1000 x 1000 x 1100mm

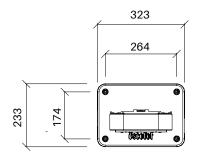


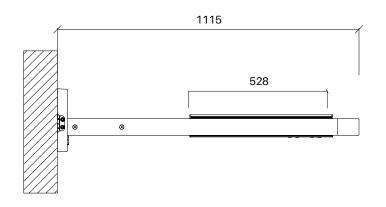


















The names, trade marks and industrial models of the products have been deposited in the corresponding registries. The technical information provided by Escofet about its products may be modified without prior notice.

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