



ECOFITZ™ Streetlight

Datasheet



IP65

ECOFITZ™ Streetlight is a street light luminaire which is easy to install and is our entry-level platform which achieves an optimal balance between performance and cost.

Benefits

Aesthetic design with proven quality

- Simple shape with Die-cast aluminium housing
- Easy installation

Stable performance with safety and reliability

- Up to 90lm/W
- $PF \geq 0.9$
- 30,000hrs lumen maintenance - L70@25°C

Full range to fulfill all applications

- 2 Sizes, Micro and Mini
- Power 30W, 50W, 90W, 120W
- CCT 4000K, 5700K, 6500K
- Control ON/OFF
- Rotatable Spigot Mounting
- Tilt angle adjustable from $\pm 15^\circ$

Applications

- Industrial roads
- Parking lots
- Residential roads
- Rural roads

ECOFITZ™ Streetlight

Technical Data

Optical Specifications

Size		Micro	Micro	Mini	Mini
Power		30W	50W	90W	120W
Luminous Flux	@ 4000K	2700lm	4500lm	8100lm	10800lm
Efficacy	@ 4000K	90lm/w			
CCT		4000K, 5700K, 6500K			
CRI		≥80			
SDCM		<6			
UGR		<29			
Beam Angle		130° x 90°			

Electrical and Mechanical Specifications

Input Voltage		220-240V AC 50/60Hz			
Power Consumption		30W	50W	90W	120W
Power Factor		≥0.9			
Surge protection		L-N 2.5KV, L/N-Ground 2.5KV			
Dimension (L x W x H)	Length (mm)	363	363	425	425
	Width (mm)	147	147	200	200
	Height (mm)	76	76	76	76
Weight		0.9kg	0.9kg	1.3kg	1.3kg
Lens		PC			
Housing		Die-cast aluminum (RAL9023)			

System Specifications

Power	220-240V AC 50/60Hz
Control	ON/OFF
Mounting Type	Rotatable Spigot mounting
Operating Temperature	-20°C to +45°C
Storage Temperature	-30°C to +80°C
Environment	Outdoor (IP65)
Lumen Maintenance	L70@25°C - 30,000hrs
Safety Approval	Electrical Protection Class I, RoHS

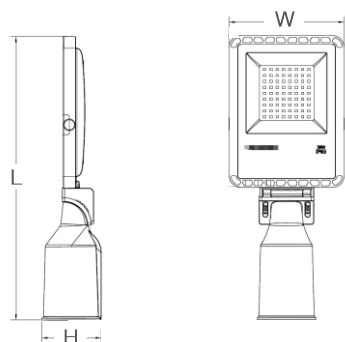
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life-time or destroy the LED module.

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Dimension (Unit: mm)

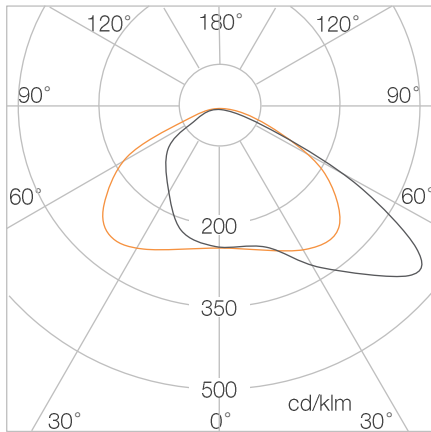


	Micro @30W/50W	Mini @90W/120W
L	363mm	425mm
W	147mm	194mm
H	76mm	76mm

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Photometrics

Light Distribution Curve



Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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Ordering Codes

Fixture

Short text	Power (W)	Size	CCT	Beam angle	IC
ECOFITZ Streetlight 30W 840 WB	30	Micro	4000	100	GL24100623555
ECOFITZ Streetlight 30W 857 WB	30	Micro	5700	100	GL24100623655
ECOFITZ Streetlight 30W 865 WB	30	Micro	6500	100	GL24100623755
ECOFITZ Streetlight 50W 840 WB	50	Micro	4000	100	GL24100623855
ECOFITZ Streetlight 50W 857 WB	50	Micro	5700	100	GL24100623955
ECOFITZ Streetlight 50W 865 WB	50	Micro	6500	100	GL24100624055
ECOFITZ Streetlight 90W 840 WB	90	Mini	4000	100	GL24100624155
ECOFITZ Streetlight 90W 857 WB	90	Mini	5700	100	GL24100624255
ECOFITZ Streetlight 90W 865 WB	90	Mini	6500	100	GL24100624355
ECOFITZ Streetlight 120W 840 WB	120	Mini	4000	100	GL24100624455
ECOFITZ Streetlight 120W 857 WB	120	Mini	5700	100	GL24100624555
ECOFITZ Streetlight 120W 865 WB	120	Mini	6500	100	GL24100624655



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