

MIZAR STREET LIGHT

A SMART GENERATION LED STREET LIGHT



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Detail Description



Photo cell

Automatic switch for fixture according to the change of light intensity



NB-IoT

Intelligent interconnection control



LED Driver NON-DIMMABLE

MW XLG series、Inventronics

PHILIPS

DIMMABLE

Philips FP/SR series, DALI2 agreement, class I or class II option, good performance and lifespan



Breather

Breather ensure air balance inside and outside of the fixture, which can improve fixture's lifetime



High-efficiency LED light source

Philips Lumileds 3030 LED Greater than 176lm/w high efficacy illumination grade led light source



Power turn off protector

When the lamp maintenance, Open lamp flash, Internal power lamp, Protect the safety of personnel.



WAGO quick connector

Disassemble easily which reduces maintenance costs.



Surge protection device(10KV)

To provide more reliable guarantee for LED drive power, extend the life of the product.

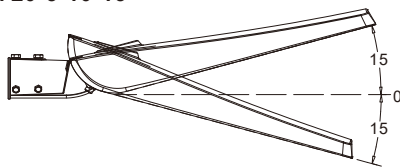


Level bubble

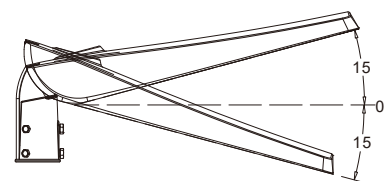
Easy for the installer to adjust the position of the lamp.

Flexible Fitter

Adjustable tilt angle: $\pm 0-5-10-15^{\circ}$



Horizontal Installation



Vertical Installation

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Electrical Parameters

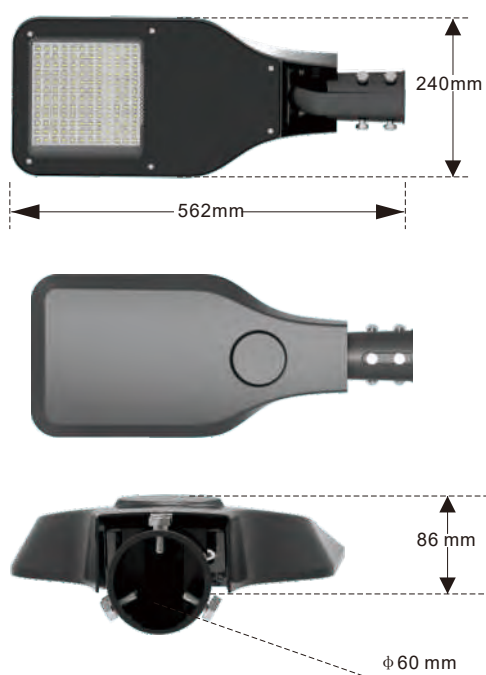
Series	Product Code	Power	Luminaire efficacy (+/- 5%) CRI	Lumen Output (+/-5%) (5700K)	Input Voltage	LED Brand	Driver Brand	CCT	Lifetime
BLM-S	BLM-28W BLM-38W BLM-45W	28W 38W 45W	140lm/w	3920lm 5320lm 6300lm	220-240Vac 50/60Hz	Philips 3030	Meanwell Inventronics	3000K	50000h L70B50
BLM-M	BLM-55W BLM-65W BLM-75W BLM-90W	55W 65W 75W 90W	CRI >80	7700lm 9100lm 10500lm 12600lm				4000K	
BLM-L	BLM-105W BLM-120W BLM-135W BLM-150W BLM-160W BLM-180W	105W 120W 135W 150W 160W 180W	150lm/w CRI >70	14700lm 16800lm 18900lm 21000lm 22400lm 25200lm				5000K	
								5700K	

Series	Product Code	Surge Protection Device	PF	Material	Pole Diameter	Size (mm)	Storage Temperature	Working Environment	IP Rating
BLM-S	BLM-28W BLM-38W BLM-45W	10KV / 20KV	>0.95	Dia-casting housing Low-iron Tempered Glass PMMA lens	60mm	562*240*86	- 40°C ~ 85°C	-40°C~50°C	IP66 IK08 Class I
BLM-M	BLM-55W BLM-65W BLM-75W BLM-90W					624*313*106	- 40°C ~ 85°C	-40°C~50°C	
BLM-L	BLM-105W BLM-120W BLM-135W BLM-150W BLM-160W BLM-180W					731*312*106	- 40°C ~ 85°C	-40°C~50°C	

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External Design

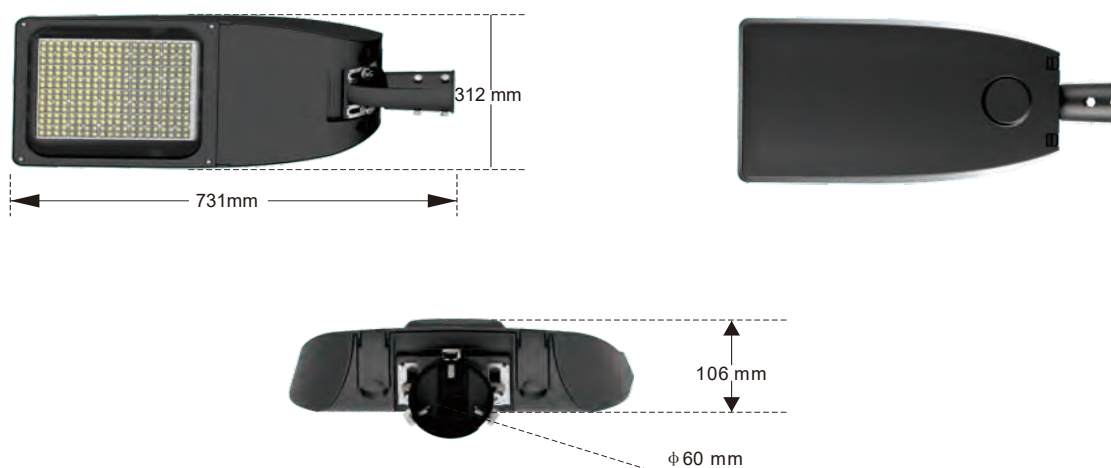
BLM-S-28/38/45/55/65W



BLM-M-75/90/105/120W



BLM-L-135/150/160/180W

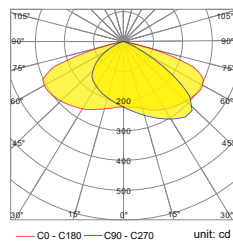
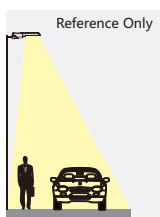


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Multiple Light Distribution Options

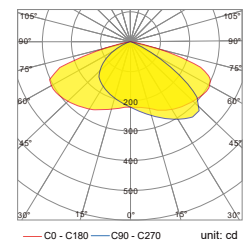
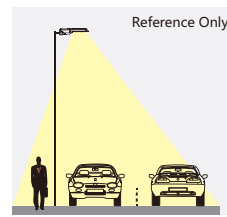
Street light has a wide range of applications and also these light distribution curves have strict requirements. In order to meet these professional requirements and to comply with the CIE140/EN13201/CJJ45 standard, we designed two different light distribution. Under the premise of meeting the requirements of safe and comfortable lighting and general use of the product, the road with different road widths should be covered with less light as much as possible.

Me1 and ME2 are suitable for multi-lane arterial roads and expressways.
ME3, ME4 and ME5 are suitable for two-lane or single-lane roads and side roads.



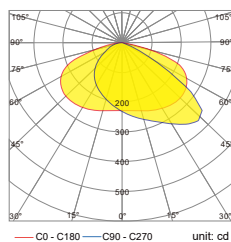
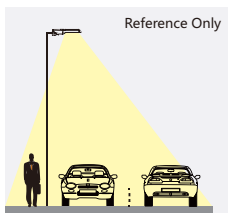
Single-lane carriageway

This narrowed distribution is great for lighting walkways, path and sidewalks. spacing height ratio of luminary can reach 3.8, accordingly CIE140/EN13201 requirement (ME3~ME5), those parameters [Lav,U0,UI,TI,SR] are passed in Dialux simulation.



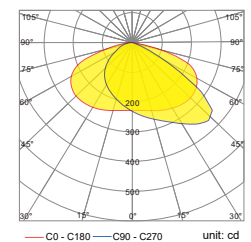
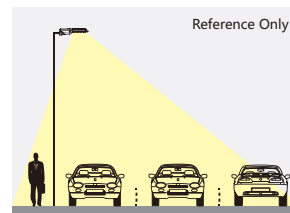
Two-lane carriageway

The narrow distribution also can be used to two-lane carriageway. you can use to apply wide walkways, access road and side roads. Spacing height ratio of luminary can reach 3.8, according CIE140/EN13201 requirement (ME3~ME5), those parameters [Lav,U0,UI,TI,SR] are passed in Dialux simulation.



Two-lane carriageway

The wide distribution is great for expressways, multi-lane arterial roads. Spacing height ratio of luminary can reach 3.5. According CIE140/EN13201 requirement (ME1~ME2), those parameters [Lav,U0,UI,TI,SR] are passed in Dialux simulation.



Multi-lane carriageway

The wide distribution also can be used to multi-lane carriageway. You can use to apply multi-lane arterial roads. Spacing height ratio of luminary can reach 3.5. According CIE140/EN13201 requirement (ME1~ME2), those parameters [Lav,U0,UI,TI,SR] are passed in Dialux simulation.

