



General characteristics

Family name	Street MB
Luminaire type I	Street lamp
Integrated driver	Yes
LED chips manufacturer	Philips
Driver manufacturer	Sosen
Installation options	On the pole
Pole opening size	∅60/70mm
Power supply (option)	1-10V (DALI/DALI2, StepDIMM, AstroDIMM)
Intelligent control (option)	ZAGA, NEMA, CLO
Certificates	CE, RoHS, ENEC, ENEC+
Warranty*	5 years / 8 years / 10 years
Materials	Aluminum, PC, tempered glass

Operating characteristics

Lifetime	100 000h
Switching cycle	>100 000
Lumen decay	>0,8
IP	66
IK	08
Starting time	<0,5s
Working temperature	from -30° do 40°C
Storage temperature	from -40° do 50°C

Light technical characteristic

Luminaire luminous flux (+/- 5%)	from 2700lm to 45 000lm
Luminous efficacy (+/- 5%)	135-150lm/W
Color temperature (+/- 5%)	3000K - 6500K
CRI	>70
Beam angle (option)	T1(I), T2(II), T3(III), T4(IV) (pedestrian crossing light, T5, T6, T7, T8 (I-IV))
Color consistency	<6SDCM

Electrical characteristics

Wattage (+/- 5%)	from 20W to 300W (adjustable)
Voltage	110-277V
Voltage frequency	50-60Hz
Power factor	>0,95
Energy efficiency label	D
Insulation class	II class



index	power	luminous flux	beam angle	color temperature	CRI	post mounting dimensions	lamp dimensions
LU020MB	20W	2700lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	426x220x116mm
LU030MB	30W	4050lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	426x220x116mm
LU040MB	40W	5400lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	426x220x116mm
LU050MB	50W	6750lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	426x220x116mm
LU060MB	60W	9000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	540x290x130mm
LU070MB	70W	10500lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	540x290x130mm
LU080MB	80W	12000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	540x290x130mm
LU090MB	90W	13500lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	540x290x130mm
LU100MB	100W	15000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	540x290x130mm
LU120MB	120W	17400lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	640x340x130mm
LU150MB	150W	21750lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	640x340x130mm
LU180MB	180W	26100lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	640x340x130mm
LU200MB	200W	29000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	60mm	640x340x130mm
LU240MB	240W	36000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	70mm	750x390x152mm
LU300MB	300W	45000lm	T1(I), T2(II), T3(III), T4(IV)	3000K - 6500K	>70	70mm	750x390x152mm

* in accordance with the manufacturer's warranty conditions

IP66 IK09 | to 150lm/W

Possibility of application:

- power supply 1-10V

Option:

- power supply DALI/DALI 2
- power supply StepDIMM /AstroDIMM

Control:

- sockets ZAGA
- sockets NEMA
- **Constant Light Output (CLO)**

APPLICATION:

highways, expressways, municipal and rural roads, access roads, parking lots and squares



1 The high quality LED chips (Philips)
- The warranty of long lifespan up to 100 000h (L80B20)
The high quality drivers (MEANWELL and SOSEN)
- Ensure power factor 0,95 and surge protection 6kV

2 High transparency glass
- Ensures high efficiency of street lamp 135-150lm/W

3 Individual lenses on each LED
- Provide precision light distribution
- Prevent the glare effect and light-spill
- Offer wide range of beam angles

4 High-purity aluminium die-cast housing
- Guarantees the required heat diffusion
- Offers separate compartment for driver

5 Two-chamber housing coated with phosphated pre-treated paint and polyester powder
- Protection against corrosion
- UV protection
- Does not fade and lose colour

6 IP66 Ingress protection
- Ensure safety work in extremal conditions

7 IK09 Impact resistance
- Resistance to damages

8 Lamps are CE, RoHS, and have IP and IK levels tested.

9 Two mounting options - horizontal and vertical.
Hole opening size is 60-70mm.

10 Mounting angle is adjustable +/- 15°

11 Easy access to inside of lamp
-Ensures an easy way of changing / fixing components

12 Class II electrical protection

13 Working temperature from -30°C to 40°C

* in accordance with the manufacturer's warranty conditions



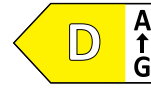
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LUMAX[®]

GALUX Street MB



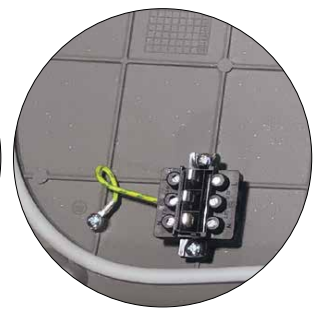
Ensures an easy way of charging / fixing components



100 000 h

> 100 000

100% (<1s)



Opening housing power lamp - knife disconnector



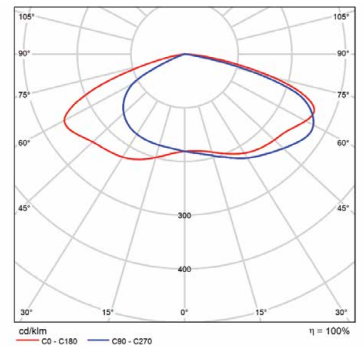
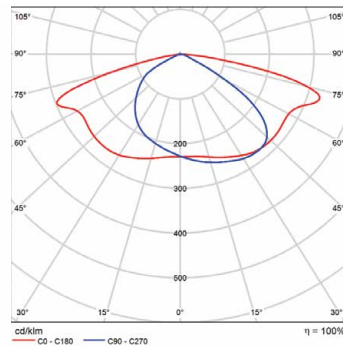
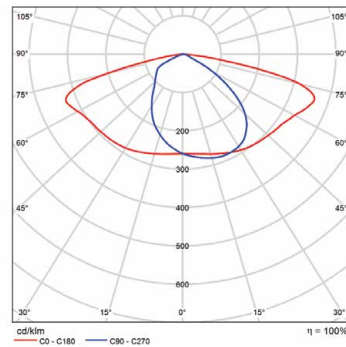
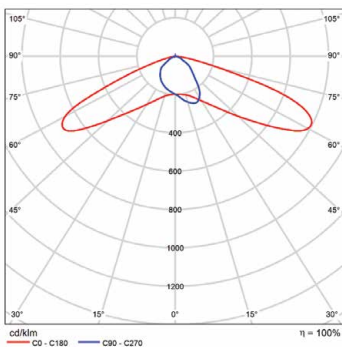
No tools required to open lamp.



Two installation options



Adjustable lamp angle +/- 15°



* in accordance with the manufacturer's warranty conditions



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