LUMITEAM
RELIABLE LIGHTING

LED
ROADMASTER MINI

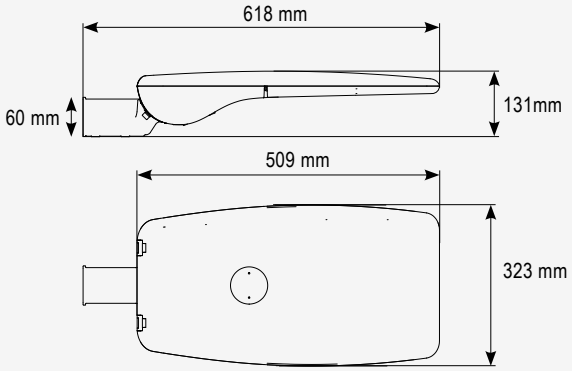
ENERGY-EFFICIENT LUMINAIRE
STREET LED

When developing LED ROAD MASTER MINI, we put technical aspects and component quality first. We wanted the luminaire to have a simple design and construction that meets all public tender demands. Therefore, to increase the protection against overheating of the LEDs, the luminaire has separate compartments for the power supply and the LED module. The outer heat dissipation surface is made with a flat heat sink technology with self-cleaning design. The luminaire is also equipped with a filter that equalizes the pressure between the luminaire's interior and exterior without air suction. Safety is of utmost importance to us, therefore the lamp features a system shutting off the power supply after opening, while toolless access to the power supply compartment significantly facilitates its possible servicing. Additionally, LED ROAD MASTER MINI gives the user the ability to integrate with any smart control network, maximizing savings, all while using the best quality components. LED ROAD MASTER MINI is available in two different sizes: mini and midi.

TECHNICAL DATA

Light source	LED
Power consumption	100 -160 W
Luminaire luminous flux	15 100-23 900 lm
Luminaire efficacy	149 - 154 lm/W
Colour temperature and chromaticity coordinates	3000K (CIEx0.4338, CIEy0.4030), 4000K (CIEx0.3818, CIEy0.3797)
Colour Rendering Index (CRI)	>70
Lumen Maintenance Output	100 000 h (L80B10)
Operating temperature	-40°C do +55°C*
Beam angles	asymmetric
Body	high-pressure die-cast aluminium
Finish	powder coating
Colour	grey
Optics	PMMA
Glass	tempered glass
International protection rating	IP66/IP67
Mechanical resistance rating	IK09
Weight	5,5 kg
Voltage	220-240 V
Frequency	50/60 Hz
Warranty	5 years
Control systems	optional

DIMENSIONS [MM]



FAMILY

Index No	Name	Power	Luminaire Luminous Flux	Luminaire Efficacy	RA/CRI
S700200161XXXPXAKEA4	LRM MINI 20 W, 16 LED, CRI 70	20 W	3 200 lm	163 lm/W	>70
S700400161XXXPXAKEA4	LRM MINI 40 W, 16 LED, CRI 70	40 W	5 800 lm	149 lm/W	>70
S700600321XXXPXAKEA4	LRM MINI 60 W, 32 LED, CRI 70	60 W	9 300 lm	160 lm/W	>70
S700800321XXXPXAKEA4	LRM MINI 80 W, 32 LED, CRI 70	80 W	11 900 lm	149 lm/W	>70

When ordering, please specify the desired beam angle curve

KEY ADVANTAGES

- luminous efficacy of up to 160 lm/W
- design and equipment of the luminaire meet the requirements of most built-up areas
- lifetime up to 100 000 h (L80B10)
- luminaire can be adapted for any wireless control system - equipped with ZHAGA connector
- modern design and robust construction (IP66/IP67, IK09)
- made in Poland

APPLICATION:

- **urban and residential roads**
- **parking lots**
- **pedestrian crossings**
- **area lighting**
- **avenues & promenades**
- **cycle paths**

LUMI TEAM Sp. z o.o.
Wanaty, Warszawska 2E
42-260 Kamienica Polska
POLSKA

Nr tel: + 48 34 347 42 80
E-mail: info@lumiteam.eu
www.lumiteam.eu

Luminous flux tolerance +/- 10%. Power consumption tolerance depends on the power level - less than 100 W or equal to 100 W power consumption tolerance is 5%, over 100 W - 2.5%. The luminous flux, light intensity distribution and light efficiency were tested according to PN-EN 13032-4: 2015-09 and PN-EN 60598-1: 2015-04 at an ambient temperature of 25°C. Accessories for installation are quoted separately by the manufacturer.The latest product data is available on our website at www.lumiteam.eu | We reserve the right to make constructional changes to the luminaires.
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