



LumiStreet

BGP253 LED94-4S/740 II DM50 D9 48/60A

LumiStreet Medium, LED module 9400 lm, 740 neutral white, Safety class II, Distribution medium 50, Flat glass, Side-entry for diameter 48 to 60 mm

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customer who are preparing big renovation projects, TCO oriented.

Warnings and Safety

• PLEASE NOTE LUMISTREET SMALL IS NOT AVAILABLE FOR SALE IN UK & IRELAND; SAME HAS BEEN REPLACED BY LUMISTREET MINI

Product data

General Information	
Lamp family code	LED94 [LED module 9400 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components

Light source engine type	LED
Product family code	BGP253 [LumiStreet Medium]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

Datasheet, 2023, April 29 data subject to change

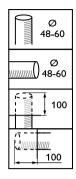
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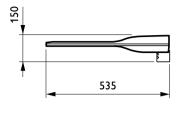
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	8,178 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	143 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium 50
Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	57 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	11
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	580 mm
Overall width	353 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.42 m²
Dimensions (height x width x depth)	98 x 353 x 580 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Driver failure rate at 5,000 hours	0.50 %
Application Conditions	
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP253 LED94-4S/740 II DM50 D9 48/60A
Full product name	BGP253 LED94-4S/740 II DM50 D9 48/60A
Full EOC	871869698856500
Order code	98856500
Material no. (12 NC)	910925866084
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696988565
Numerator – packs per outer box	1
EAN/UPC - Case	8718696988565

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Dimensional drawing





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