



LumiStreet

BGP214 LED109-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 10000 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adjustable

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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.

Product data

General Information		Light Technical	
Lamp family code	LED100 [LED module 10000 lm]	ENEC mark	ENEC mark
Light source replaceable	Yes	EU RoHS compliant	No
Number of gear units	1 unit	Upward light output ratio	0
Driver included	Yes	Luminous Flux	9,460 lm
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Standard tilt angle posttop	0°
Light source engine type	LED	Standard tilt angle side entry	0°
Product family code	BGP214 [LumiStreet Large]	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	141 lm/W
CE mark	Yes	Color rendering index (CRI)	70
Warranty period	5 years	Light source color	740 neutral white
Flammability mark	-	Optical cover type	Flat glass
		Luminaire light beam spread	154° - 31° x 54°

Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220-240 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	67 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B 11	

Temperature

Ambient temperature range	-40 to +50 °C
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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	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	755 mm

Overall width	355 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.04 m ²
Dimensions (Height x Width x Depth)	98 x 355 x 755 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 I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BGP214 LED109-4S/740 I DM50 D9 48/60A
Full product name	BGP214 LED109-4S/740 I DM50 D9 48/60A
Full product code	871869634886400
Order code	34886400
Material Nr. (12NC)	910925866053
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696348864
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696348864

Dimensional drawing



