LumiStreet

BGP214 LED64-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 6400 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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

Lamp family code	LED64 [LED module 6400 lm]
Light source replaceable	Yes
Number of gear units	1 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	BGP214 [LumiStreet Large]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	–

ENEC mark	ENEC mark
EU RoHS compliant	No

Light Technical

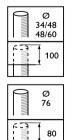|	
Upward light output ratio	0
Luminous Flux	5,632 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° – 31° x 54°

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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	38 W
Power Factor (Fraction)	0.95
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

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 m²
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 %

Application Conditions

Maximum dim level	0% (digital)

Product Data

Order product name	BGP214 LED64-4S/740 I DM50 D9 48/60A
Full product name	BGP214 LED64-4S/740 I DM50 D9 48/60A
Full product code	871869634892500
Order code	34892500
Material Nr. (12NC)	910925866065
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696348925
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696348925

Dimensional drawing

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www.lighting.philips.com

2023, April 29 – data subject to change