



# LumiStreet

# BGP214 LED149-4S/740 II DM50 D9 48/60A

LumiStreet Large, LED module 14900 lm, 740 neutral white, Safety class II, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	LED149 [LED module 14900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED

Product family code	BGP214 [LumiStreet Large]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
Glow-wire test EU RoHS compliant	Temperature 850 °C, duration 5 s No
EU RoHS compliant	
EU RoHS compliant	No
EU RoHS compliant Light Technical Upward light output ratio	No

## LumiStreet

**Operating and Electrical** 

Input Voltage

Line Frequency

Inrush current Inrush time

Connection

Cable

в

Power Consumption

Power Factor (Fraction)

Number of products on MCB of 16 A type

Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	143 lm/W
Color rendering index (CRI)	70
Number of light sources	2
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium

220-240 V

50 to 60 Hz 53 A

Screw connection block 3-pole

0.3 ms

90 W

0.97

8

-40 to +50 °C

Optical cover finish	Clear
Overall length	755 mm
Overall width	355 mm
Overall height	98 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 II

#### 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)

Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful life\* L92

100000 h

#### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

#### Product Data

1 Todact Data	
Order product name	BGP214 LED149-4S/740 II DM50 D9 48/60A
Full product name	BGP214 LED149-4S/740 II DM50 D9 48/60A
Full product code	871869634891800
Order code	34891800
Material Nr. (12NC)	910925863481
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696348918
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696348918

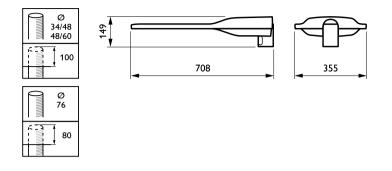
# Temperature Ambient temperature range

#### 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

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#### Dimensional drawing





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