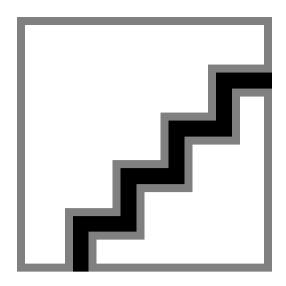# PHILIPS Lighting

LumiStreet

BGP214 LED139-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 13900 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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. 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.

Product data

General Information

Lamp family code	LED139 [LED module 13900 lm]			B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes		Light source engine type	LED
Number of gear units	1 unit		Product family code	BGP214 [LumiStreet Large]
Driver included	Yes		Lighting Technology	LED
Photocell	-		Glow-wire test	Temperature 850 ℃, duration 5 s
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		Flammability mark	-
			CE mark	Yes
			ENEC mark	ENEC mark
			Warranty period	5 years
			EU RoHS compliant	No

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Embedded control	–	Mounting device	Universal for diameter 48 to 60 mm adjustable
		Optical cover shape	Flat
Light Technical		Optical cover finish	Clear
Upward light output ratio	0	Overall length	755 mm
Luminous Flux	12,040 lm	Overall width	355 mm
Standard tilt angle posttop	0°	Overall height	98 mm
Standard tilt angle side entry	0°	Effective projected area	0.04 m²
Correlated Color Temperature (Nom)	4000 K	Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Luminous Efficacy (rated) (Nom)	145 lm/W		
Color rendering index (CRI)	70	**Approval and Application**	
Number of light sources	2	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white	Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Flat glass	Surge Protection (Common/Differential)	Philips standard surge protection level
Luminaire light beam spread	154°	Protection class IEC	Safety class I
Optic type outdoor	Distribution medium		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/–7%
Input Voltage	220-240 V	Initial chromaticity	(0.381, 0.379) SDCM <5
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/–10%
Inrush current	53 A	Init. Color Rendering Index Tolerance	+/–2
Inrush time	0.3 ms		
Power Consumption	83 W	**Over Time Performance (IEC Compliant)**	
Power Factor (Fraction)	0.97	Control gear failure rate at median useful life 100000 h	10 %
Connection	Screw connection block 3-pole		
Cable	–	Lumen maintenance at median useful life* 100000 h	L92
Number of products on MCB of 16 A type B	8		
		Application Conditions	
Temperature		Performance ambient temperature Tq	25 °C
Ambient temperature range	–40 to +50 °C	Maximum dim level	10%
Controls and Dimming		**Product Data**	
Dimmable	Yes	Order product name	BGP214 LED139-4S/740 I DM50 D9 48/60A
Driver/power unit/transformer	Power supply unit with DALI interface	Full product name	BGP214 LED139-4S/740 I DM50 D9 48/60A
Control interface	DALI	Full product code	871869634888800
Constant light output	No	Order code	910925863478
		Material Nr. (12NC)	910925863478
Mechanical and Housing		Numerator – Quantity Per Pack	1
Housing Material	Aluminum die cast	EAN/UPC – Product/Case	8718696348888
Reflector material	Polycarbonate	Numerator – Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC – Case	8718696348888
Optical cover material	Tempered glass		
Fixation material	Aluminum		
Housing Color	Gray		

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Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change