



# LumiStreet

## BGP213 LED18-4S/740 I DM50 D9 48/60A

LumiStreet Small, LED module 1800 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	LED18 [LED module 1800 lm]	might automatically dim down to protect components
Light source replaceable	Yes	Light source engine type
Number of gear units	1 unit	LED
Driver included	Yes	Product family code
Photocell	-	BGP213 [LumiStreet Small]
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. * At extreme ambient temperatures the luminaire	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
		EU RoHS compliant
		No

Light Technical	
Upward light output ratio	0
Luminous Flux	1,548 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	740 neutral white
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	[DELETE] W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	11.8 W
Power Factor (Fraction)	0.91
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	20

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	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m <sup>2</sup>
Dimensions (Height x Width x Depth)	98 x 270 x 630 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)	
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L91

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

Product Data	
Order product name	BGP213 LED18-4S/740 I DM50 D9 48/60A
Full product name	BGP213 LED18-4S/740 I DM50 D9 48/60A
Full product code	871869634874100
Order code	34874100
Material Nr. (12NC)	910925863464
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696348741
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696348741

Dimensional drawing

