PHILIPS Lighting



LumiStreet

BGP213 LED27-4S/740 I DM50 D9 48/60A

LumiStreet Small, LED module 2700 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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			might automatically dim down to protec
Lamp family code	LED27 [LED module 2700 lm]		components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	BGP213 [LumiStreet Small]
Photocell	-	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Embedded control	-
	"Evaluating performance of LED based	CE mark	Yes
	luminaires - January 2018": statistically there	Warranty period	5 years
	is no relevant difference in lumen	Flammability mark	-
	maintenance between B50 and for example	ENEC mark	ENEC mark
	B10. Therefore, the median useful life (B50)	Glow-wire test	Temperature 850 °C, duration 5 s
	value also represents the B10 value. * At	EU RoHS compliant	No
	extreme ambient temperatures the luminaire		

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Light Technical	
Upward light output ratio	0
Luminous Flux	2,322 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 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

220-240 V

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 m²
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

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	10 %
useful life 100000 h	
Lumen maintenance at median useful	L91
life* 100000 h	

Application Conditions

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

Product Data

Order product name	BGP213 LED27-4S/740 I DM50 D9 48/60A
Full product name	BGP213 LED27-4S/740 I DM50 D9 48/60A
Full product code	871869634878900
Order code	34878900
Material Nr. (12NC)	910925863468
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696348789
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696348789

Cable	-
Connection	Screw connection block 3-pole
Power Factor (Fraction)	0.95
Power Consumption	17 W
Inrush time	0.29 ms
Inrush current	22 A
End CLO power consumption	[DELETE] W
Average CLO power consumption	[DELETE] W
Initial CLO power consumption	[DELETE] W
Line Frequency	50 to 60 Hz

Number of products on MCB of 16 A type 20

в

Temperature

Ambient temperature range

Operating and Electrical

Input Voltage

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

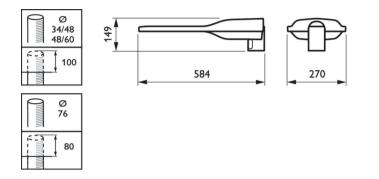
-40 to +50 °C

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

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Dimensional drawing





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