

LumiStreet

BGS212 ECO59/740 II 48/60A

LumiStreet Mini, LED EconomyLine 5900 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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. 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	ECO59 [LED EconomyLine 5900 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
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	
	might automatically dim down to protect	
	components	
Light source engine type	LED	
Product family code	BGS212 [LumiStreet Mini]	
Lighting Technology	LED	
Flammability mark	-	
CE mark	Yes	
ENEC mark	ENEC mark	
Warranty period	5 years	
EU RoHS compliant	Yes	

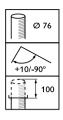
Datasheet, 2023, September 4 data subject to change

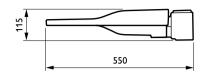
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Light Technical		Housing Color	Grey
Upward light output ratio	0	Mounting device	Universal for diameter 48 to 60 mm
Luminous Flux	5,900 lm		adjustable
Standard tilt angle posttop	O°	Optical cover shape	Flat
Standard tilt angle side entry	O°	Optical cover finish	Clear
Correlated Color Temperature (Nom)	4000 K	Overall length	505 mm
Luminous Efficacy (rated) (Nom)	123 lm/W	Overall width	270 mm
Color rendering index (CRI)	70	Overall height	98 mm
Number of light sources	1	Effective projected area	0.0356 m²
Light source color	740 neutral white	Dimensions (Height x Width x Depth)	98 x 270 x 505 mm
Optical cover type	Flat glass		
Luminaire light beam spread	154°	Approval and Application	
Optic type outdoor	Distribution medium	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
		Mech. impact protection code	IK08 [5 J vandal-protected]
Operating and Electrical		Surge Protection (Common/Differential)	Philips standard surge protection level
Input Voltage	220-240 V	Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz		
Initial CLO power consumption	[DELETE] W	Initial Performance (IEC Compliant)	
Average CLO power consumption	[DELETE] W	Luminous flux tolerance	+/-7%
End CLO power consumption	[DELETE] W	Initial chromaticity	(0.380, 0.380) SDCM <5
Inrush current	45 A	Power consumption tolerance	+/-10%
Inrush time	0.285 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	47.9 W		
Power Factor (Fraction)	0.97	Over Time Performance (IEC Compliant)	
Connection	Screw connection block 3-pole	Control gear failure rate at median useful	10 %
Cable	-	life 100000 h	
Number of products on MCB of 16 A type	10	Lumen maintenance at median useful life	* L80
В		100000 h	
Temperature		Application Conditions	
Ambient temperature range	-40 to +50 °C	Performance ambient temperature Tq	25 ℃
Controls and Dimming		Product Data	
Dimmable	No	Order product name	BGS212 ECO59/740 II 48/60A
Driver/power unit/transformer	Power supply unit (On/Off)	Full product name	BGS212 ECO59/740 II 48/60A
Control interface	-	Full product code	871869638197700
Constant light output	No	Order code	910925864077
		Material Nr. (12NC)	910925864077
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum die cast	EAN/UPC - Product/Case	8718696381977
Reflector material	Polycarbonate	Numerator - Packs per outer box	1
Optic material	Polycarbonate	EAN/UPC - Case	8718696381977
Optical cover material	Tempered glass		
Fixation material	Aluminum		

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Dimensional drawing









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