![Philips Lighting logo]

LumiStreet

BGP213 ECO33/740 I DM CLO D9 48/60A

LumiStreet Small, LED EconomyLine 3300 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO33 [LED EconomyLine 3300 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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP213 [LumiStreet Small]
Lighting Technology	LED
Glow-wire test	Temperature 850 ℃, duration 5 s
Flammability mark	–
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years

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EU RoHS compliant	No		**Optical cover material**	Tempered glass
Embedded control	Constant light output		**Fixation material**	Aluminum
			Housing Color	Grey
Light Technical			**Mounting device**	Universal for diameter 48 to 60 mm adjustable
Upward light output ratio	0		**Optical cover shape**	Flat
Luminous Flux	2,720 lm		**Optical cover finish**	Clear
Standard tilt angle posttop	0°		**Overall length**	630 mm
Standard tilt angle side entry	0°		**Overall width**	270 mm
Correlated Color Temperature (Nom)	4000 K		**Overall height**	98 mm
Luminous Efficacy (rated) (Nom)	130 lm/W		**Effective projected area**	0.038 m²
Color rendering index (CRI)	70		**Dimensions (Height x Width x Depth)**	98 x 270 x 630 mm
Number of light sources	2			
Light source color	740 neutral white		**Approval and Application**	
Optical cover type	Flat glass		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	154°		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Optic type outdoor	Distribution medium		**Surge Protection (Common/Differential)**	Philips standard surge protection level
			Protection class IEC	Safety class I
Operating and Electrical				
Input Voltage	220-240 V		**Initial Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		**Luminous flux tolerance**	+/-7%
Initial CLO power consumption	22.4 W		**Initial chromaticity**	(0.380, 0.380) SDCM <5
Average CLO power consumption	25.2 W		**Power consumption tolerance**	+/-10%
End CLO power consumption	28 W		**Init. Color Rendering Index Tolerance**	+/-2
Inrush current	22 A			
Inrush time	0.29 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	28 W		**Control gear failure rate at median useful life 100000 h**	10 %
Power Factor (Fraction)	0.95			
Connection	Screw connection block 3-pole		**Lumen maintenance at median useful life* 100000 h**	L100
Cable	–			
Number of products on MCB of 16 A type B	20		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	10%
Ambient temperature range	–40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BGP213 ECO33/740 I DM CLO D9 48/60A
Dimmable	Yes		**Full product name**	BGP213 ECO33/740 I DM CLO D9 48/60A
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output		**Full product code**	871869630300900
			Order code	910925452289
Control interface	DALI		**Material Nr. (12NC)**	910925452289
Constant light output	Yes		**Numerator – Quantity Per Pack**	1
			EAN/UPC – Product/Case	8718696303009
Mechanical and Housing			**Numerator – Packs per outer box**	1
Housing Material	Aluminum die cast		**EAN/UPC – Case**	8718696303009
Reflector material	Polycarbonate			
Optic material	Polycarbonate			

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Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change