



LumiStreet

BGP213 ECO16/740 II DW CLO-DDF2 D18 FQQ-

LumiStreet Small, LED EconomyLine 1600 lm, 740 neutral white, Safety class II, Distribution wide, Constant light output and DynaDimmer fixed presets version 2, Cable 10 m without plug, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO16 [LED EconomyLine 1600 lm]		
Light source replaceable	Yes		
Number of gear units	1 unit		
Driver included	Yes		
Photocell	-	Light source engine type	
Remarks	*-Per Lighting Europe guidance paper	Product family code	
	"Evaluating performance of LED based	Lighting Technology	
	luminaires - January 2018": statistically there is	Glow-wire test	
	no relevant difference in lumen maintenance	Flammability mark	

between B50 and for example B10. Therefore

CE mark

the median useful life (B50) value also represents the B10 value. * At extreme ambient

temperatures the luminaire might automatically dim down to protect

BGP213 [LumiStreet Small]

Temperature 850 °C, duration 5 s

components LED

LED

Yes

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ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Constant light output and DynaDimmer fixed
	presets version 2
Light Technical	
Upward light output ratio	0
Luminous Flux	1,344 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122 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°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	11.2 W
Average CLO power consumption	12.6 W
End CLO power consumption	14 W
Inrush current	15 A
Inrush time	360 ms
Power Consumption	14 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	Cable 10 m without plug
Number of products on MCB of 16 A	23
type B	
Temperature	
Ambient temperature range	-40 to +50 ℃
Controls and Dimming	
Dimmable	Yes
Dimmable Driver/power unit/transformer	
nver/power unit/transformer	Power supply unit with DynaDimmer and
Control Intenfere	constant light output (integrated)
Control interface	Internal (no external connection)
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector 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 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]

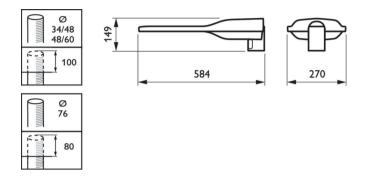
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Mech. impact protection code	IK08 [5 J vandal-protected]	
Surge Protection (Common/Differential)	Philips standard surge protection level	
Protection class IEC	Safety class II	

Initial Performance (IEC Compliant)	
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Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) 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	L100
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Programmable
Product Data	
Order product name	BGP213 ECO16/740 II DW CLO-DDF2 D18

order product name	DGF213 ECO10/740 11 DW CLO-DDF2 D18
	FQQ-
Full product name	BGP213 ECO16/740 II DW CLO-DDF2 D18
	FQQ-
Full product code	871869632024200
Order code	910925452279
Material Nr. (12NC)	910925452279
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320242
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320242

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Dimensional drawing





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