



# LumiStreet

## BGP213 ECO16/740 II DW CLO-DDF1 D18 FQQ-

LumiStreet Small, LED EconomyLine 1600 lm, 740 neutral white, Safety class II, Distribution wide, Constant light output and DynaDimmer fixed presets version 1, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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			the median useful life (B50) value also
Lamp family code	ECO16 [LED EconomyLine 1600 lm]		represents the B10 value. * At extreme amb
Light source replaceable	Yes		temperatures the luminaire might
Number of gear units	1 unit		automatically dim down to protect
Driver included	Yes		components
Photocell	-	Light source engine type	LED
Remarks	*-Per Lighting Europe guidance paper	Product family code	BGP213 [LumiStreet Small]
	"Evaluating performance of LED based	Lighting Technology	LED
	luminaires - January 2018": statistically there is	Glow-wire test	Temperature 850 °C, duration 5 s
	no relevant difference in lumen maintenance	Flammability mark	-
	between B50 and for example B10. Therefore,	CE mark	Yes

### LumiStreet

ENEC mark	ENEC mark	Optical cover material
Warranty period	5 years	Fixation material
EU RoHS compliant	No	Housing Color
Embedded control	Constant light output and DynaDimmer fixed	Mounting device
	presets version 1	Optical cover shape
		Optical cover finish
Light Technical		Overall length
Upward light output ratio	0	Overall width
Luminous Flux	1,344 lm	Overall height
Standard tilt angle posttop	0°	Effective projected area
Standard tilt angle side entry	0°	Dimensions (Height x Width x Dept
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	122 lm/W	Approval and Application
Color rendering index (CRI)	70	Ingress protection code
Number of light sources	1	Mech. impact protection code
Light source color	740 neutral white	Surge Protection (Common/Differe
Optical cover type	Flat glass	Protection class IEC
Luminaire light beam spread	154°	
Optic type outdoor	Distribution wide	Initial Performance (IEC Comp
		Luminous flux tolerance
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption tolerance
Line Frequency	50 to 60 Hz	Init. Color Rendering Index Toleran
Initial CLO power consumption	11.2 W	
Average CLO power consumption	12.6 W	Over Time Performance (IEC 0
End CLO power consumption	14 W	Control gear failure rate at median
Inrush current	15 A	useful life 100000 h
Inrush time	360 ms	Lumen maintenance at median use
Power Consumption	14 W	life* 100000 h
Power Factor (Fraction)	0.95	
Connection	Screw connection block 3-pole	Application Conditions
Cable	Cable 10 m without plug	Performance ambient temperature
Number of products on MCB of 16 A	23	Maximum dim level
type B	25	
cype D		Product Data
Temperature		Order product name
Ambient temperature range	-40 to +50 °C	order product name
	-40.10.750.0	Full product name
Controls and Dimming		. all product nume
	Voc	Full product code
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DynaDimmer and	Order code
Control interface	constant light output (integrated)	Material Nr. (12NC)
Control interface	Internal (no external connection)	Numerator - Quantity Per Pack
Constant light output	Yes	EAN/UPC - Product/Case
Machanian I and Have 1		Numerator - Packs per outer box
Mechanical and Housing		EAN/UPC - Case
Housing Material	Aluminum die cast	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	

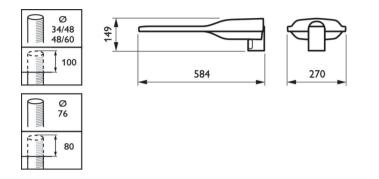
Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 630 mm
Approval and Application	

Approvatianti 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 II		

Initial Performance (IEC Compliant)		
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 °C	
Maximum dim level	Programmable	
Product Data		
Order product name	BGP213 ECO16/740 II DW CLO-DDF1 D18	
	FQQ-	
Full product name	BGP213 ECO16/740 II DW CLO-DDF1 D18	
	FQQ-	

## LumiStreet

#### Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change