



# UniStreet

## BGS204 LED120/740 I DM CLO D9 48/60A

UniStreet Large, LED module 12000 lm, Distribution medium, Constant light output, Universal for diameter 48 to 60 mm adjustable

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

## **Product data**

General Information		Light source engine type	LED
Lamp family code	LED120 [LED module 12000 lm]	Product family code	BGS204 [UniStreet Large]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver included	Yes	Flammability mark	-
Photocell	-	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper	ENEC mark	ENEC mark
	"Evaluating performance of LED based	Warranty period	5 years
	luminaires - January 2018": statistically there	EU RoHS compliant	No
	is no relevant difference in lumen	Embedded control	Constant light output
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)	Light Technical	
	value also represents the B10 value.	Upward light output ratio	0

## UniStreet

Luminous Flux	8,951 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	70
Number of light sources	6
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium

Mounting device	Universal for diameter 48 to 60 mm
	adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	755 mm
Overall width	355 mm
Overall height	98 mm
Effective projected area	0.04 m²
Dimensions (Height x Width x Depth)	98 x 355 x 755 mm

## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	8.8 W
Average CLO power consumption	9.9 W
End CLO power consumption	11 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	106 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	8
В	

#### Temperature

Ambient temperature range

#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and
	constant light output
Control interface	DALI
Constant light output	Yes

-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

## Ingress protection code

Approval and Application

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

IP66 [Dust penetration-protected, jet-proof]

## 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 useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L100
100000 h	

#### **Application Conditions**

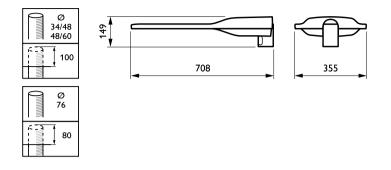
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

#### Product Data

Order product name	BGS204 LED120/740 I DM CLO D9 48/60A
Full product name	BGS204 LED120/740 I DM CLO D9 48/60A
Full product code	871869630181400
Order code	910925452366
Material Nr. (12NC)	910925452366
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696301814
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696301814

## UniStreet

## Dimensional drawing





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