



# UniStreet

## BGS203 LED12/740 I DM CLO D9 P1 48/60A

UniStreet Small, LED Module 1200 lm, 740 neutral white, Safety class I, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	
Lamp family code	LED12 [LED Module 1200 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	NEMA socket for 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	BGS203 [UniStreet Small]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No

Embedded control	Constant light output
------------------	-----------------------

**Light Technical**

Upward light output ratio	0
Luminous Flux	836 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	79 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 medium

**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	15 A
Inrush time	0.36 ms
Power Consumption	11 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	23

**Temperature**

Ambient temperature range	-40 to +50 °C
---------------------------	---------------

**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

**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
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 m <sup>2</sup>
Dimensions (Height x Width x Depth)	98 x 270 x 630 mm

**Approval and 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 I

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

**Application Conditions**

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

**Product Data**

Order product name	BGS203 LED12/740 I DM CLO D9 P1 48/60A
Full product name	BGS203 LED12/740 I DM CLO D9 P1 48/60A
Full product code	871869630182100
Order code	910925452338
Material Nr. (12NC)	910925452338
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696301821
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696301821

Dimensional drawing

