



# UniStreet

## BGP243 LED80-4S/740 II DM50 D9 48/60A

UniStreet Medium, LED module 8000 lm, 740 neutral white, Safety class II, Distribution medium 50, Flat glass, Side-entry for diameter 48 to 60 mm

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED80 [LED module 8000 lm]	CE mark	Yes
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BGP243 [UniStreet Medium]	Luminous Flux	6,960 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Flammability mark	For mounting on normally flammable surfaces	Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	145 lm/W
		Color rendering index (CRI)	70

Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium 50

#### Operating and Electrical

Input Voltage	230 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	48 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B 11	

#### Temperature

Ambient temperature range	-40 to +50 °C
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#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

#### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover shape	Curved
Optical cover finish	Clear

Overall length	580 mm
Overall width	353 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.42 m²
Dimensions (Height x Width x Depth)	98 x 353 x 580 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 II

#### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

#### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.50 %
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#### Application Conditions

Maximum dim level	0% (digital)
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#### Product Data

Order product name	BGP243 LED80-4S/740 II DM50 D9 48/60A
Full product name	BGP243 LED80-4S/740 II DM50 D9 48/60A
Full product code	871869698844200
Order code	910925866079
Material Nr. (12NC)	910925866079
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696988442
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696988442

### Dimensional drawing



