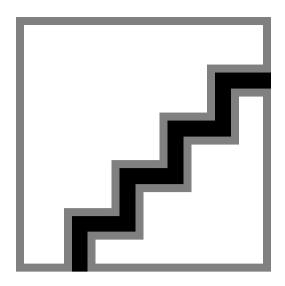
PHILIPS Lighting



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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BGP243 [UniStreet Medium]
Lighting Technology	LED
Flammability mark	For mounting on normally flammable
	surfaces

CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	6,960 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	145 lm/W
Color rendering index (CRI)	70

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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
	Distribution mediam 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	-
Cable Number of products on MCB of 16 A typ	- De B 11
	- De B 11
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Number of products on MCB of 16 A typ	- be B 11 -40 to +50 °C
Number of products on MCB of 16 A typ Temperature	
Number of products on MCB of 16 A typ	
Number of products on MCB of 16 A typ Temperature Ambient temperature range	
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming	-40 to +50 °C Yes
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable	-40 to +50 °C Yes
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	-40 to +50 °C Yes Power supply unit with DALI interface
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	-40 to +50 °C Yes Power supply unit with DALI interface DALI
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	-40 to +50 °C Yes Power supply unit with DALI interface DALI No
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey Side-entry for diameter 48 to 60 mm
Number of products on MCB of 16 A typ Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	-40 to +50 °C Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey

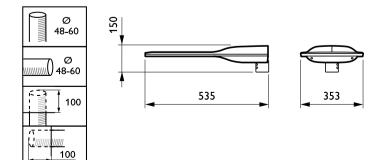
Overall length	580 mm
Overall width	353 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.42 m²
Dimensions (Height x Width x Depth)	98 x 353 x 580 mm

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 %
Application Conditions	
Maximum dim level	0% (digital)
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



UniStreet



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