



UniStreet

BGP243 LED60-4S/740 II DM11 D9 48/60A

UniStreet Medium, LED module 6000 lm, 740 neutral white, Safety class II, Distribution medium 11, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

Product data

LED60 [LED module 6000 lm]
Yes
Unit
Yes
* At extreme ambient temperatures the
luminaire might automatically dim down to
protect components
LED
BGP243 [UniStreet Medium]
LED
Yes
5 years
For mounting on normally flammable
surfaces
ENEC mark

EU RoHS compliant	Yes	
Light Technical		
Upwards light output ratio	0	
Luminous Flux	5,340 lm	
Standard tilt angle post-top	O°	
Standard tilt angle side entry	O°	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	148 lm/W	
Colour rendering index (CRI)	70	
Light source colour	740 neutral white	
Optical cover type	Flat glass	
Luminaire light beam spread	160° - 42° x 54°	
Optic type outdoor	Distribution medium 11	

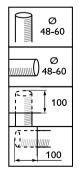
Datasheet, 2023, April 30 data subject to change

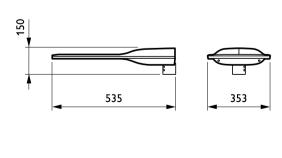
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Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	36 W
Power Factor (Fraction)	0.95
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	pe B 11
Temperature	
Ambient temperature range	-40 to +50 °C
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	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover/lens shape	Curved
Optical cover/lens 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 Compli	ant)
Over Time Performance (IEC Compli	ant) 0.50 %
	•
	•
Driver failure rate at 5,000 hours	•
Driver failure rate at 5,000 hours Application Conditions	0.50 %
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Driver failure rate at 5,000 hours Application Conditions Maximum dim level	0.50 %
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Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC	0.50 % 0% (digital) BGP243 LED60-4S/740 II DM11 D9 48/60A BGP243 LED60-4S/740 II DM11 D9 48/60A 871869698847300
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code	0.50 % 0% (digital) BGP243 LED60-4S/740 II DM11 D9 48/60A BGP243 LED60-4S/740 II DM11 D9 48/60A 871869698847300 98847300
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	0.50 % 0% (digital) BGP243 LED60-4S/740 II DM11 D9 48/60A BGP243 LED60-4S/740 II DM11 D9 48/60A 871869698847300 98847300 910925866101
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	0.50 % 0% (digital) BGP243 LED60-4S/740 II DM11 D9 48/60A BGP243 LED60-4S/740 II DM11 D9 48/60A 871869698847300 98847300 910925866101 1

Dimensional drawing





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