



UniStreet

BGP243 LED90-4S/740 II DM50 D9 48/60A

UniStreet Medium, LED module 9000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

Product data

LED90 [LED module 9000 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	7,830 lm	
Standard tilt angle post-top	0°	
Standard tilt angle side entry	0°	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	145 lm/W	
Colour rendering index (CRI)	70	
Light source colour	740 neutral white	
Optical cover type	Flat glass	
Luminaire light beam spread	154° - 31° x 54°	
Optic type outdoor	Distribution medium 50	

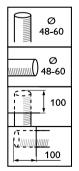
Datasheet, 2023, April 30 data subject to change

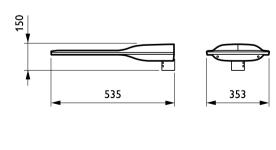
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Operating and Electrical		
Input Voltage	230 V	
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	0 W	
Average CLO power consumption	[DELETE] W	
End CLO power consumption	[DELETE] W	
Inrush current	46 A	
Inrush time	0.25 ms	
Power Consumption	54 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	
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 Compliant)		
Driver failure rate at 5,000 hours	0.50 %	
Application Conditions		
Maximum dim level	0% (digital)	
Product Data		
Order product name	BGP243 LED90-4S/740 II DM50 D9 48/60A	
Full product name	BGP243 LED90-4S/740 II DM50 D9 48/60A	
Full EOC	871869698845900	
Order code	98845900	
Material no. (12 NC)	910925866116	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696988459	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696988459	

Dimensional drawing





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