



UniStreet

BGP243 LED100-4S/740 I DM50 D9 48/60A

UniStreet Medium, LED module 10000 lm, 740 neutral white, Safety class I, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

General Information		EU RoHS compliant	
Lamp family code	LED100 [LED module 10000 lm]	Yes	
Light source replaceable	Yes		
Number of gear units	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		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	For mounting on normally flammable surfaces		
ENEC mark	ENEC mark		
Light Technical			
Upwards light output ratio	0		
Luminous Flux	8,700 lm		
Standard tilt angle post-top	0°		
Standard tilt angle side entry	0°		
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	143 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		

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	61 W
Power Factor (Fraction)	0.98
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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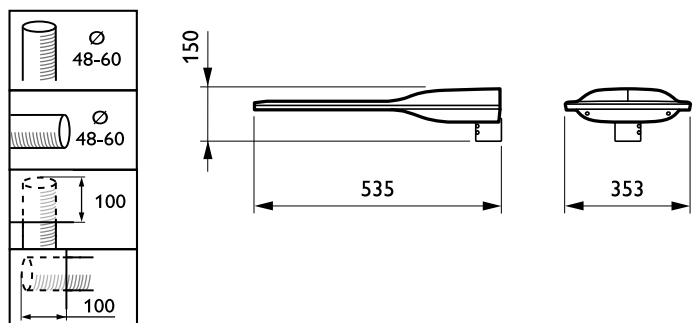
Controls and Dimming

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

Mechanical and Housing

Housing material	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

Dimensional drawing



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 I

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 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BGP243 LED100-4S/740 I DM50 D9 48/60A
Full product name	BGP243 LED100-4S/740 I DM50 D9 48/60A
Full EOC	871869698840400
Order code	98840400
Material no. (12 NC)	910925866093
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696988404
Numerator – packs per outer box	1
EAN/UPC – Case	8718696988404

