PHILIPS

Lighting

UniStreet

BGP243 LED100-4S/740 I DM11 D9 48/60A

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

General Information	
Lamp family code	LED100 [LED module 10000 lm]
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

EU RoHS compliant	Yes

Light Technical	
Upwards light output ratio	0
Luminous Flux	8,900 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	146 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

UniStreet

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

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 I

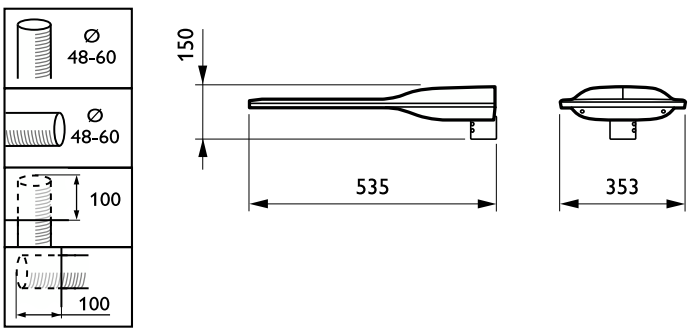
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	0.50 %

Application Conditions	
Maximum dim level	0% (digital)

Product Data	
Order product name	BGP243 LED100-4S/740 I DM11 D9 48/60A
Full product name	BGP243 LED100-4S/740 I DM11 D9 48/60A
Full EOC	871869698835000
Order code	98835000
Material no. (12 NC)	910925866078
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696988350
Numerator – packs per outer box	1
EAN/UPC - Case	8718696988350

Dimensional drawing



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2023, April 29 - data subject to change