



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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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. 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	LED100 [LED module 10000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
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	8,700 lm
Standard tilt angle posttop	0°

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Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	143 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	53° x 71°
Optic type outdoor	Distribution medium 50

Operating a	nd Electrical

Input Voltage	230 V
Line Frequency	50 to 60 Hz
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	11
В	

Temperature

Ambient temperature range

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

-40 to +50 °C

Mechanica	and	Housing
meenamea	. and	i lousing

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Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover shape	Curved
Optical cover finish	Clear

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

966 [Dust penetration-protected, jet-proof]
(08 [5 J vandal-protected]
hilips standard surge protection level
afety class I
ł

Initial Performance (IEC Compliant)

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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)

Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L93
life* 100000 h	

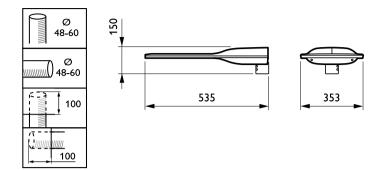
Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)

BGP243 LED100-4S/740 I DM50 D9 48/60A
BGP243 LED100-4S/740 I DM50 D9 48/60A
871869698840400
910925864890
910925864890
1
8718696988404
1
8718696988404

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Dimensional drawing





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