



UniStreet

BGP202 LED50/740 II DM D9 48/60A

UniStreet Mini, LED module 5000 lm, 740 neutral white, Safety class II, Distribution medium, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED50 [LED module 5000 lm]	CE mark	Yes
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BGP202 [UniStreet Mini]	Luminous Flux	4,331 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Flammability mark	For mounting on normally flammable surfaces	Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	111 lm/W
		Color rendering index (CRI)	70

Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	74° x 74°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	230 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	[DELETE] W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	22 A
Inrush time	0.290 ms
Power Consumption	39 W
Power Factor (Fraction)	0.95
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B 20	

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	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	505 mm
Overall width	270 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 505 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 5000 h	0.50 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BGP202 LED50/740 II DM D9 48/60A
Full product name	BGP202 LED50/740 II DM D9 48/60A
Full product code	871869698827500
Order code	910925866090
Material Nr. (12NC)	910925866090
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696988275
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696988275

Dimensional drawing



