



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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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]
Light source replaceable	Yes
Number of gear units	1 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	BGP202 [UniStreet Mini]
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	4,331 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	70

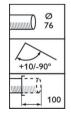
Datasheet, 2023, September 4 data subject to change

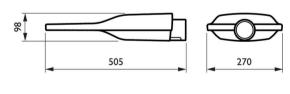
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Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	74° × 74°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	[DELETE] 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	pe B 20
Temperature	
remperature	
Ambient temperature range	-40 to +50 °C
-	-40 to +50 °C
	-40 to +50 °C
Ambient temperature range	-40 to +50 °C Yes
Ambient temperature range Controls and Dimming	Yes
Ambient temperature range Controls and Dimming Dimmable	Yes
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes Power supply unit with DALI interface
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	Yes Power supply unit with DALI interface DALI
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Yes Power supply unit with DALI interface DALI No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Yes Power supply unit with DALI interface DALI No Aluminum die cast
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Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey Side-entry for diameter 48 to 60 mm
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Yes Power supply unit with DALI interface DALI No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey

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 Complia	ant)
Driver failure rate at 5000 h	0.50 %
Application Conditions	
Maximum dim level	0% (digital)
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
Noncontant Dealer was sector base	
Numerator - Packs per outer box	1

Dimensional drawing





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