

# **UniStreet**

### BGP202 LED40/740 II DM D9 48/60A

UniStreet Mini, LED module 4000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED40 [LED module 4000 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	3,555 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	70

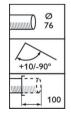
Datasheet, 2023, September 4 data subject to change

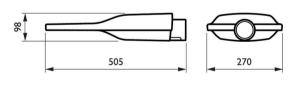
#### UniStreet

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	31 W
Power Factor (Fraction)	0.94
Connection	Connection unit 5-pole
Cable	
Number of products on MCB of 16 A typ	pe B 20
	-40 to +50 °C
Number of products on MCB of 16 A typ	
Number of products on MCB of 16 A type Temperature	
Number of products on MCB of 16 A type  Temperature  Ambient temperature range	
Number of products on MCB of 16 A typ  Temperature  Ambient temperature range  Controls and Dimming	-40 to +50 °C Yes
Number of products on MCB of 16 A type Temperature Ambient temperature range  Controls and Dimming Dimmable	-40 to +50 °C Yes
Number of products on MCB of 16 A type  Temperature  Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer	-40 to +50 °C  Yes  Power supply unit with DALI interface
Number of products on MCB of 16 A type  Temperature  Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output	-40 to +50 °C  Yes  Power supply unit with DALI interface  DALI
Number of products on MCB of 16 A type Temperature Ambient temperature range  Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output  Mechanical and Housing	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI No
Number of products on MCB of 16 A type  Temperature  Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast
Number of products on MCB of 16 A type  Temperature  Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing  Housing Material  Reflector material	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast Polycarbonate
Number of products on MCB of 16 A type  Temperature  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	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast Polycarbonate Polycarbonate
Number of products on MCB of 16 A type  Temperature  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	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast Polycarbonate Polycarbonate Polycarbonate
Number of products on MCB of 16 A type  Temperature  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	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum
Number of products on MCB of 16 A type Temperature 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	-40 to +50 °C  Yes  Power supply unit with DALI interface DALI  No  Aluminum die cast  Polycarbonate  Polycarbonate  Polycarbonate  Aluminum  Grey
Number of products on MCB of 16 A type  Temperature  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	-40 to +50 °C  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
Number of products on MCB of 16 A type Temperature 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	-40 to +50 °C  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 Compliant)		
Driver failure rate at 5000 h	0.50 %	
<b>Application Conditions</b>		
Maximum dim level	0% (digital)	
Product Data		
Order product name	BGP202 LED40/740 II DM D9 48/60A	
Full product name	BGP202 LED40/740 II DM D9 48/60A	
Full product code	871869698826800	
Order code	910925866109	
Material Nr. (12NC)	910925866109	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696988268	
Numerator - Packs per outer box	1	
<u> </u>	<u>'</u>	
EAN/UPC - Case	8718696988268	

## Dimensional drawing





#### **UniStreet**



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