



# UniStreet

## BGP202 LED50/740 I DM D9 48/60A

UniStreet Mini - LED module 5000 lm - 740 neutral white -  
 Safety class I - Distribution medium - Side-entry for diameter  
 48-60 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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		Light Technical	
Lamp family code	LED50 [ LED module 5000 lm]	ENEC mark	ENEC mark
Light source colour	740 neutral white	Warranty period	5 years
Light source replaceable	Yes	Outdoor optic type	Distribution medium
Number of gear units	1 unit	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Constant light output	No
Driver included	Yes	Number of products on MCB	20
Optical cover/lens type	FG [ Flat glass]	LED engine type	LED
Luminaire light beam spread	74° x 74°	Product Family Code	BGP202 [ UniStreet Mini]
Control interface	DALI		
Connection	Connection unit 5-pole		
Cable	-		
Protection class IEC	Safety class I	Upward light output ratio	0
Flammability mark	F [ For mounting on normally flammable surfaces]	Standard tilt angle post-top	0°
CE mark	CE mark	Standard tilt angle side entry	0°

## Operating and Electrical

Input voltage	230 V
Input 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 factor (min.)	0.95

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Mounting device	48/60S [ Side-entry for diameter 48-60 mm]
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	505 mm
Overall width	270 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.038 m <sup>2</sup>
Colour	Grey
Dimensions (height x width x depth)	98 x 270 x 505 mm (3.9 x 10.6 x 19.9 in)

## Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [ 5 J vandal-protected]
Surge protection (common/differential)	Philips standard surge protection level kV

## Initial Performance (IEC Compliant)

Initial luminous flux	4331 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	111 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	39 W
Power consumption tolerance	+/-11%

## Application Conditions

Ambient temperature range	-40 to +50 °C
Maximum dimming level	0% (digital)

## Product Data

Full product code	871869698820600
Order product name	BGP202 LED50/740 I DM D9 48/60A
EAN/UPC – product	8718696988206
Order code	98820600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925866125
Net weight (piece)	4.110 kg



## Dimensional drawing



UniStreet BGP/BGS202/203/204

