



# UniStreet

## BGP243 LED70-4S/740 I DM11 D9 48/60A

UniStreet Medium – LED module 7000 lm – 740 neutral white – Safety class I – Distribution medium 11 – 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED70 [ LED module 7000 lm]	Flammability mark	For mounting on normally flammable surfaces
Light source color	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit with DALI interface	Optic type outdoor	Distribution medium 11
Driver included	Yes	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Optical cover/lens type	Flat glass	Constant light output	No
Luminaire light beam spread	80° x 80°	Number of products on MCB of 16 A type B	11
Control interface	DALI	RoHS mark	RoHS mark
Connection	Connection unit 5-pole		
Cable	-		
Protection class IEC	Safety class I		

Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP243 [ UniStreet Medium]

#### Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

#### Operating and Electrical

Input Voltage	230 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	46 A
Inrush time	0.25 ms
Power Factor (Min)	0.96

#### Controls and Dimming

Dimmable	Yes
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#### Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	580 mm

Overall width	353 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.42 m²

#### 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

#### Initial Performance (IEC Compliant)

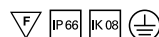
Initial luminous flux (system flux)	6230 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	150 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	41.5 W
Power consumption tolerance	+/-11%

#### Application Conditions

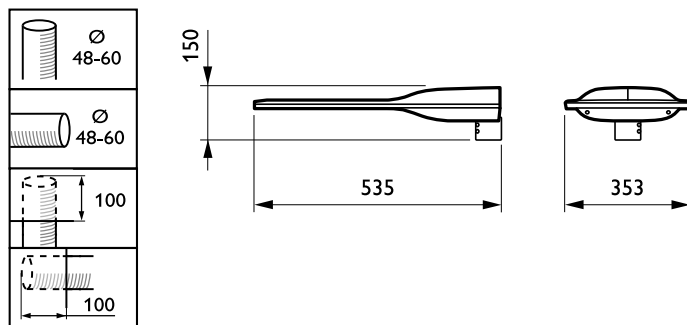
Ambient temperature range	-40 to +50 °C
Maximum dim level	0% (digital)

#### Product Data

Full product code	871869698832900
Order product name	BGP243 LED70-4S/740 I DM11 D9 48/60A
EAN/UPC - Product	8718696988329
Order code	910925866114
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866114
Net Weight (Piece)	6.020 kg



## Dimensional drawing



UniStreet Medium BGP/BGS243

