



# 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

#### **Product data**

General Information	
Lamp family code	LED70 [LED module 7000 lm]
Light source replaceable	Yes
Number of gear units	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	BGP243 [UniStreet Medium]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

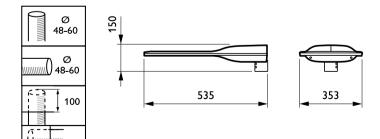
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	6,230 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

### UniStreet

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Operating and Electrical		
Input Voltage	230 V	
Line 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 Consumption	41.5 W	
Power Factor (Fraction)	0.96	
Connection	Connection unit 5-pole	
Cable	_	
Number of products on MCB of 16 A ty	pe B 11	
Temperature		_
Ambient temperature range	-40 to +50 °C	
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	Aluminium die cast	_
Reflector material	Polycarbonate	_
Optic material	Polycarbonate	_
Optical cover/lens material	Polycarbonate	_
Fixation material	Aluminium	_
Housing Colour	Grey	_
Mounting device	Side-entry for diameter 48 to 60 mm	_
Optical cover/lens shape	Curved	_
Optical cover/lens finish	Clear	_
Overall length	580 mm	_
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Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.42 m²
Dimensions (height x width x depth)	98 x 353 x 580 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proc
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge-protection level
Protection class IEC	Safety class I
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 Compl	iant)
Over Time Performance (IEC Compl Driver failure rate at 5,000 hours	0.50 %
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Driver failure rate at 5,000 hours	
Driver failure rate at 5,000 hours Application Conditions	0.50 %
Driver failure rate at 5,000 hours Application Conditions Maximum dim level	0.50 %
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data	0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name	0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name	0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A BGP243 LED70-4S/740 I DM11 D9 48/60A
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC	0.50 % 0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A BGP243 LED70-4S/740 I DM11 D9 48/60A 871869698832900
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code	0.50 % 0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A BGP243 LED70-4S/740 I DM11 D9 48/60A 871869698832900 98832900
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	0.50 % 0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A BGP243 LED70-4S/740 I DM11 D9 48/60A 871869698832900 98832900 910925866114
Driver failure rate at 5,000 hours Application Conditions Maximum dim level Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	0.50 % 0% (digital) BGP243 LED70-4S/740 I DM11 D9 48/60A BGP243 LED70-4S/740 I DM11 D9 48/60A 871869698832900 98832900 910925866114 1

### Dimensional drawing



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