



# UniStreet

# BGP203 LED16-4S/740 II DM50 D9 48/60A

UniStreet Small, LED module 1600 lm, 740 neutral white, Safety class II, Distribution medium, Universal for diameter 48 to 60 mm adjustable

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED16 [LED module 1600 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	Light source engi
Driver included	Yes	Product family co
Photocell	-	Lighting Technol
Remarks	*-Per Lighting Europe guidance paper	Glow-wire test
	"Evaluating performance of LED based	Flammability ma
	luminaires - January 2018": statistically there	CE mark
	is no relevant difference in lumen	ENEC mark
	maintenance between B50 and for example	Warranty period
	B10. Therefore, the median useful life (B50)	EU RoHS complia
	value also represents the B10 value. * At	

	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BGP203 [UniStreet Small]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No

### UniStreet

Embedded control	-
Light Technical	
Upward light output ratio	0
Luminous Flux	1,376 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium

#### **Operating and Electrical**

Input Voltage	220-240 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	0.29 ms
Power Consumption	12.4 W
Power Factor (Fraction)	0.87
Connection	Screw connection block 3-pole
Cable	-
Number of seaduate on MCD of 10.4 to	

Number of products on MCB of 16 A type 20

в

#### Temperature

Ambient temperature range

Controls and Dimming

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-40 to +50 °C

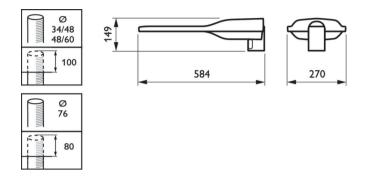
#### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Aluminum

Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm
	adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 630 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	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median	10 %
useful life 100000 h	
Lumen maintenance at median useful	L91
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Maximum dim level	0% (digital)
Maximum dim level Product Data	0% (digital)
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Product Data Order product name Full product name Full product code Order code	BGP203 LED16-4S/740 II DM50 D9 48/60A BGP203 LED16-4S/740 II DM50 D9 48/60A 871869634899400 910925863489
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BGP203 LED16-45/740 II DM50 D9 48/60A BGP203 LED16-45/740 II DM50 D9 48/60A 871869634899400 910925863489 910925863489
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## UniStreet

#### Dimensional drawing





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