



UniStreet

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

UniStreet Small, LED module 1600 lm, 740 neutral white, Safety class I, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

Product data

General Information	
Lamp family code	LED16 [LED module 1600 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	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
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	1,376 lm
Standard tilt angle posttop	0°
Standard titt angle positop	
Standard tilt angle side entry	0°

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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 products on MCB of 16 A ty	/pe 20
В	

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	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

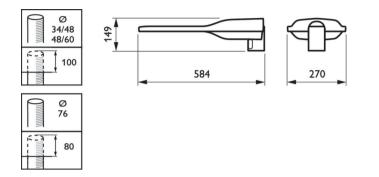
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 630 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I
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 Compl	iant)
Over Time Performance (IEC Compl Control gear failure rate at median	iant) 10 %
Control gear failure rate at median	
Control gear failure rate at median useful life 100000 h	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	10 % L91
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	10 % L91 25 ℃
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	10 % L91 25 °C 0% (digital)
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8718696348987

EAN/UPC - Case

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Dimensional drawing





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