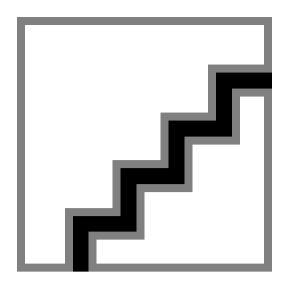
PHILIPS Lighting



UniStreet

BGP204 LED170/740 I DM D9 48/60A

UniStreet Large, LED module 17000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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. 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		Light source engine type	LED
Lamp family code	LED170 [LED module 17000 lm]	Product family code	BGP204 [UniStreet Large]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duratio
Driver included	Yes	Flammability mark	-
Photocell	-	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper	ENEC mark	ENEC mark
	"Evaluating performance of LED based	Warranty period	5 years
	luminaires - January 2018": statistically there	EU RoHS compliant	No
	is no relevant difference in lumen	Embedded control	-
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)	Light Technical	
	value also represents the B10 value.	Upward light output ratio	0

, duration 5 s

UniStreet

Luminous Flux	14,620 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	70
Number of light sources	5
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
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	53 A
Inrush time	0.3 ms
Power Consumption	138 W
Power Factor (Fraction)	0.99
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	8
В	

Temperature

Ambient temperature range

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	
Optical cover finish Clear	
Overall length 755 mm	
Overall width 355 mm	
Overall height 98 mm	
Effective projected area 0.04 m ²	
Dimensions (Height x Width x Depth) 98 x 355 x 755 mm	
Approval and Application	
Ingress protection code IP66 [Dust penetration-protected, je	t-proof]
Mech. impact protection code IK08 [5 J vandal-protected]	
Surge Protection (Common/Differential) Philips standard surge protection lev	rel
Protection class IEC Safety class I	

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
100000 h	

Application Conditions

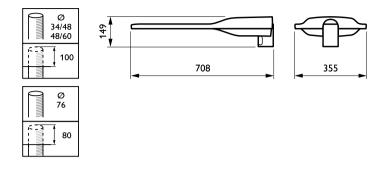
Maximum dim level10%	

Product Data

Order product name	BGP204 LED170/740 I DM D9 48/60A
Full product name	BGP204 LED170/740 I DM D9 48/60A
Full product code	871869637301900
Order code	910925452174
Material Nr. (12NC)	910925452174
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696373019
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696373019

UniStreet

Dimensional drawing





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www.lighting.philips.com 2023, September 4 - data subject to change