



# UniStreet

## BGP204 LED120/740 I DW DDF2 48/60A

UniStreet Large, LED module 12000 lm, Distribution wide, DynaDimmer with fixed presets version 2, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED120 [LED module 12000 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, duration 5 s
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	DynaDimmer with fixed presets version 2
	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

### UniStreet

Luminous Flux	10,790 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	98 lm/W
Color rendering index (CRI)	70
Number of light sources	6
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution wide

#### **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	106 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	8
В	

-40 to +50 °C	
	-40 to +50 °C

Control	s and	Dimming
Control	5 unu	Dimining

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	Internal (no external connection)
Constant light output	No

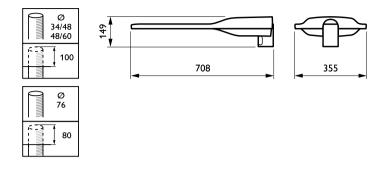
#### Mechanical and Housing

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	755 mm
Overall width	355 mm
Overall height	98 mm
Effective projected area	0.04 m <sup>2</sup>
Dimensions (Height x Width x Depth)	98 x 355 x 755 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	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L92
life* 100000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 °C Programmable
Performance ambient temperature Tq	
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	
Performance ambient temperature Tq Maximum dim level Product Data	Programmable
Performance ambient temperature Tq Maximum dim level Product Data Order product name	Programmable BGP204 LED120/740 I DW DDF2 48/60A
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	Programmable BGP204 LED120/740 I DW DDF2 48/60A BGP204 LED120/740 I DW DDF2 48/60A
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	Programmable BGP204 LED120/740 I DW DDF2 48/60A BGP204 LED120/740 I DW DDF2 48/60A 871869631909300
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## UniStreet

#### Dimensional drawing





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