![Philips Lighting logo]

UniStreet

BGP204 LED120/740 I DM DDF2 48/60A

UniStreet Large, LED module 12000 lm, Distribution medium, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

Lamp family code	LED120 [LED module 12000 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.

Light source engine type	LED
Product family code	BGP204 [UniStreet Large]
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
Embedded control	DynaDimmer with fixed presets version 2

Light Technical

Upward light output ratio	0

UniStreet

Luminous Flux	11,050 lm		**Optical cover shape**	Flat
Standard tilt angle posttop	0°		**Optical cover finish**	Clear
Standard tilt angle side entry	0°		**Overall length**	755 mm
Correlated Color Temperature (Nom)	4000 K		**Overall width**	355 mm
Luminous Efficacy (rated) (Nom)	100 lm/W		**Overall height**	98 mm
Color rendering index (CRI)	70		**Effective projected area**	0.04 m²
Number of light sources	6		**Dimensions (Height x Width x Depth)**	98 x 355 x 755 mm
Light source color	740 neutral white			
Optical cover type	Flat glass		**Approval and Application**	
Luminaire light beam spread	154°		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Optic type outdoor	Distribution medium		**Mech. impact protection code**	IK08 [5 J vandal-protected]
			Surge Protection (Common/Differential)	Philips standard surge protection level
Operating and Electrical			**Protection class IEC**	Safety class I
Input Voltage	220-240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Initial CLO power consumption	[DELETE] W		**Luminous flux tolerance**	+/-7%
Average CLO power consumption	[DELETE] W		**Initial chromaticity**	(0.380, 0.380) SDCM <5
End CLO power consumption	[DELETE] W		**Power consumption tolerance**	+/-10%
Inrush current	53 A		**Init. Color Rendering Index Tolerance**	+/-2
Inrush time	0.3 ms			
Power Consumption	106 W		**Over Time Performance (IEC Compliant)**	
Power Factor (Fraction)	0.98		**Control gear failure rate at median useful life 100000 h**	10 %
Connection	Screw connection block 3-pole		**Lumen maintenance at median useful life* 100000 h**	L92
Cable	–			
Number of products on MCB of 16 A type B	8		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	Programmable
Ambient temperature range	–40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BGP204 LED120/740 I DM DDF2 48/60A
Dimmable	Yes		**Full product name**	BGP204 LED120/740 I DM DDF2 48/60A
Driver/power unit/transformer	Power supply unit with DynaDimmer		**Full product code**	871869631873700
Control interface	Internal (no external connection)		**Order code**	910925452261
Constant light output	No		**Material Nr. (12NC)**	910925452261
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696318737
Housing Material	Aluminum die cast		**Numerator – Packs per outer box**	1
Reflector material	Polycarbonate		**EAN/UPC – Case**	8718696318737
Optic material	Polycarbonate			
Optical cover material	Tempered glass			
Fixation material	Aluminum			
Housing Color	Grey			
Mounting device	Universal for diameter 48 to 60 mm adjustable			

UniStreet

Dimensional drawing