



# UniStreet

## BGP204 LED100/740 I DM D9 48/60A

UniStreet Large, LED module 10000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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		EU RoHS compliant	
Lamp family code	LED100 [LED module 10000 lm]	No	
Light source replaceable	Yes		
Number of gear units	1 unit		
Driver included	Yes		
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components		
Light source engine type	LED		
Product family code	BGP204 [UniStreet Large]		
Lighting Technology	LED		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	-		
ENEC mark	ENEC mark		
Light Technical			
Upward light output ratio	0		
Luminous Flux	9,350 lm		
Standard tilt angle posttop	0°		
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	105 lm/W		
Color rendering index (CRI)	70		
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	83 W
Power Factor (Fraction)	0.97
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B 8	

### Temperature

Ambient temperature range	-40 to +50 °C
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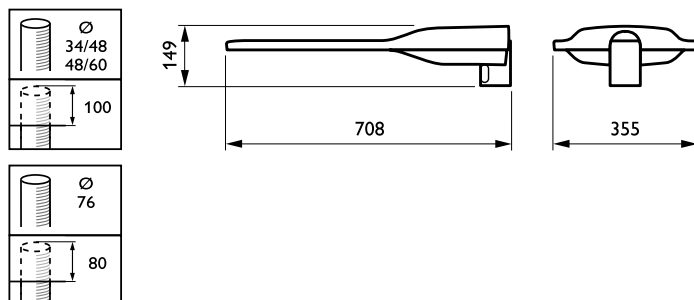
### Controls and Dimming

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	755 mm
Overall width	355 mm

### Dimensional drawing



Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.04 m²
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 Compliant)

Driver failure rate at 5000 h	0.5 %
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### Application Conditions

Maximum dim level	10%
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### Product Data

Order product name	BGP204 LED100/740 I DM D9 48/60A
Full product name	BGP204 LED100/740 I DM D9 48/60A
Full product code	871869631863800
Order code	31863800
Material Nr. (12NC)	910925865955
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696318638
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696318638

