



# UniStreet

## BGP204 LED140/740 I DM DDF2 SRG10 48/60A

UniStreet Large, LED module 14000 lm, 740 neutral white, Safety class I, Distribution medium, DynaDimmer with fixed presets version 27, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED140 [LED module 14000 lm]		B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BGP204 [UniStreet Large]
Driver included	Yes	Lighting Technology	LED
Photocell	-	Glow-wire test	Temperature 650 °C, duration 5 s
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	Flammability mark	-
		CE mark	Yes
		ENEC mark	ENEC mark
		Warranty period	5 years
		EU RoHS compliant	No

Embedded control	DynaDimmer with fixed presets version 27
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<b>Light Technical</b>	
Upward light output ratio	0
Luminous Flux	12,040 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color rendering index (CRI)	70
Number of light sources	4
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	116 W
Power Factor (Fraction)	0.99
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 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 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)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
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 life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L90

**Application Conditions**

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

**Product Data**

Order product name	BGP204 LED140/740 I DM DDF2 SRG10 48/60A
Full product name	BGP204 LED140/740 I DM DDF2 SRG10 48/60A
Full product code	871869637293700
Order code	910925452166
Material Nr. (12NC)	910925452166
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696372937
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696372937

Dimensional drawing

