



UniStreet

BGP204 LED70-4S/740 I DM50 D9 48/60A

UniStreet Large, LED module 7000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	
Lamp family code	LED70 [LED module 7000 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

Embedded control		
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0	
Luminous Flux	6,090 lm	
Standard tilt angle posttop	O°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	147 lm/W	
Color rendering index (CRI)	70	

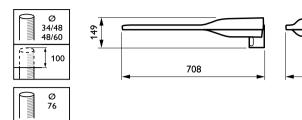
Datasheet, 2023, April 29 data subject to change

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Number of light sources	2	Overall width	355 mm
Light source color	740 neutral white	Overall height	98 mm
Optical cover type	Flat glass	Effective projected area	0.04 m²
Luminaire light beam spread	154°	Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Optic type outdoor	Distribution medium		
		Approval and Application	
Operating and Electrical		Ingress protection code	IP66 [Dust penetration-protected, jet-prod
Input Voltage	220-240 V	Mech. impact protection code	IK08 [5 J vandal-protected]
Line Frequency	50 to 60 Hz	Surge Protection (Common/Differential)	Philips standard surge protection level
Inrush current	46 A	Protection class IEC	Safety class I
Inrush time	0.25 ms		
Power Consumption	41.5 W	Initial Performance (IEC Compliant)	
Power Factor (Fraction)	0.96	Luminous flux tolerance	+/-7%
Connection	Screw connection block 3-pole	Initial chromaticity	(0.381, 0.379) SDCM <5
Cable	-	Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type	11	Init. Color Rendering Index Tolerance	+/-2
В			
		Over Time Performance (IEC Compli	ant)
Temperature		Control gear failure rate at median useful	10 %
Ambient temperature range	-40 to +50 °C	life 100000 h	
		Lumen maintenance at median useful life*	L94
Controls and Dimming		100000 h	
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface	Application Conditions	
Control interface	DALI	Performance ambient temperature Tq	25 °C
Constant light output	No	Maximum dim level	10%
Mechanical and Housing		Product Data	
Housing Material	Aluminum die cast	Order product name	BGP204 LED70-4S/740 I DM50 D9 48/60
Reflector material	Polycarbonate	Full product name	BGP204 LED70-4S/740 I DM50 D9 48/60
Optic material	Polycarbonate	Full product code	871869637233300
Optical cover material	Tempered glass	Order code	37233300
Fixation material	Aluminum	Material Nr. (12NC)	910925452106
Housing Color	Grey	Numerator - Quantity Per Pack	1
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC - Product/Case	8718696372333
	adjustable	Numerator - Packs per outer box	1
Optical cover shape	Flat	EAN/UPC - Case	8718696372333
Optical cover finish	Clear		

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Dimensional drawing



355

