UniStreet

BGP204 LED149-4S/740 II DM50 D9 48/60A

UniStreet Large, LED module 14900 lm, 740 neutral white, Safety class II, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED149 [LED module 14900 lm]
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

EU RoHS compliant	No

Light Technical

Upward light output ratio	0
Luminous Flux	12,900 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	143 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° – 31° x 54°
Optic type outdoor	Distribution medium

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Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	90 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

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
Overall height	98 mm
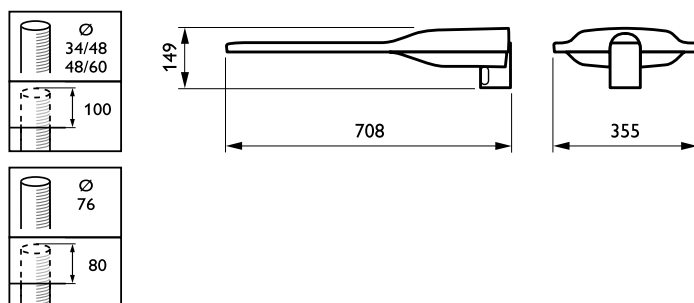
Overall diameter	0 mm
Effective projected area	0.04 m²
Dimensions (Height x Width x Depth)	98 x 355 x 755 mm

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 II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) 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 %

Application Conditions

Maximum dim level	0% (digital)

Product Data

Order product name	BGP204 LED149-4S/740 II DM50 D9 48/60A
Full product name	BGP204 LED149-4S/740 II DM50 D9 48/60A
Full product code	871869637230200
Order code	37230200
Material Nr. (12NC)	910925865942
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696372302
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696372302

Dimensional drawing

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www.lighting.philips.com

2023, April 29 – data subject to change