



LumiStreet gen2

BGP291 LED60-4S/740 II DM11 48/60S

LumiStreet gen2 Micro, LED module 6000 lm, 740 neutral white, Safety class II, Distribution medium 11, Side-entry for diameter 48 to 60 mm

Increasing numbers of municipalities are having to upgrade large-scale conventional street lighting installations with energy efficient LED technology. But they are having to do this with smaller and smaller budgets. That's why the new generation of LumiStreet has been upgraded and designed to provide a solution to this challenge, it is the ideal solution for performing point-to-point replacement of conventional lighting. LumiStreet gen2 achieves this by offering high efficiency, low Total Cost of Ownership, and ease of installation and maintenance. The ease of installation and maintenance is enabled by the Philips Service tag. Moreover, the Philips SR (System Ready) socket makes it future-ready and you can pair this luminaire with lighting control and software applications such as Interact City.

Product data

General Information	
Lamp family code	LED60 [LED module 6000 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
Service tag	Yes
Product family code	BGP291 [LumiStreet gen2 Micro]
Lighting Technology	LED

Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	5,280 lm
Standard tilt angle posttop	0°

Datasheet, 2023, October 16 data subject to change

LumiStreet gen2

Standard tilt angle side entry	0°
Standard tilt angle side entry	
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11
On south a good Electrical	
Operating and Electrical	220 1 240 14
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	38 W
Power Factor (Fraction)	0.98
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	26
Temperature	
Ambient temperature range	-40 to +50 °C
· · · · · ·	
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	520 mm
Overall width	234 mm
Overall height	95 mm

Effective projected area 0.0235 m² Dimensions (Height x Width x Depth) 95 x 234 x 520 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 6 kV differential mode and 8 kV common mode differential mode and 8 kV common mode Sustainability rating Lighting for circularity 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% Initial color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Driver failure rate at 5000 h Os % Control gear failure rate at median useful tife 196 Initial followooh User Time Performance at median useful tife 196 Depriver failure rate at median useful tife 196 Order product name BGP291 LED60-48/740 II DMI1 48/60S Performance ambient temperature Tq 25 °C		
Approval and Application Ingress protection code	Effective projected area	0.0235 m ²
Ingress protection code IFG6 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO8 [5 J vandal-protected] Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 8 kV common mode Sustainability rating Lighting for circularity 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 % Control gear failure rate at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Product Data Order product name BGP291 LED60-4S/740 II DMI1 48/60S Full product code 871951407907600 Order code 07907600 Material Nr. (12NC) 910925866641 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 87195140790766 Numerator - Packs per outer box 1	Dimensions (Height x Width x Depth)	95 x 234 x 520 mm
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Lumen maintenance at median useful life* L96 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Product Data Order product name BGP291 LED60-45/740 II DM11 48/60S Full product name BGP291 LED60-45/740 II DM11 48/60S Full product code 871951407907600 Order code 07907600 Material Nr. (12NC) 910925866641 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514079076 Numerator - Packs per outer box 1	Control gear failure rate at median useful	10 %
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EAN/UPC - Case 8719514079076	Numerator - Packs per outer box	1
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LumiStreet gen2

Dimensional drawing



