



LumiStreet gen2

BGP292 LED80-4S/740 II DX10 BL1 D11 H07R

LumiStreet gen2, Road & street light, 47 W, 6960 lm, 4000 K, CRI70, Distribution extra wide 10, Safety class II, IP66

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		Warranty period	
Lamp family code	LED80 [LED module 8000 lm]	5 years	
Light source replaceable	Yes	Sustainability rating	
Number of gear units	1 unit	Lighting for circularity	
Driver included	Yes	Light Technical	
Light source engine type	LED	Upward light output ratio	
Service tag	Yes	0	
Lighting Technology	LED	Luminous Flux	
Value ladder	Specification	6,960 lm	
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts	Correlated Color Temperature (Nom)	
		4000 K	
		Luminous Efficacy (rated) (Nom)	
		148 lm/W	
		Color rendering index (CRI)	
		70	
		Light source color	
		740 neutral white	
		Luminaire light beam spread	
		150° – 43° x 67°	
		Optic type outdoor	
		Distribution extra wide 10	

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Effective projected area	0.0251 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	47 W
Power Factor (Fraction)	0.98
Connection	2 Push-in connector 5-pole
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	10
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No
Maximum dim level	0% (digital)

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 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	620 mm
Overall width	234 mm
Overall height	95 mm
Dimensions (Height x Width x Depth)	95 x 234 x 620 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	6.914 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
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CE mark	Yes
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +50 °C

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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L98
Lumen maintenance at median useful life* 100000 h	L96

Product Data

Order product name	BGP292 LED80-4S/740 II DX10 BL1 D11 H07R
Full product name	BGP292 LED80-4S/740 II DX10 BL1 D11 H07R
Full product code	871951412561200
Order code	910925867778
Material Nr. (12NC)	910925867778
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514125612
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514125612
Product family code	BGP292 [LumiStreet gen2 Mini]

Dimensional drawing

