



LumiStreet gen2

BGP292 LED120-4S/740 II DM11 48/76S POLE

LumiStreet gen2, Road & street light, 70 W, 10200 lm, 4000 K, CRI70, Distribution medium 11, 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	
Lamp family code	LED120 [LED module 12000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
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

Warranty period	5 years
Sustainability rating	Lighting for circularity
Light Technical	
Upward light output ratio	0
Luminous Flux	10,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

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Effective projected area	0.0251 m ²
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	70 W
Power Factor (Fraction)	0.99
Connection	2 Push-in connector 5-pole
Cable	-
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	No
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 metha	crylate
Optical cover material Glass	
Fixation material Aluminum	
Housing Color Gray	
Mounting device Side-entry for diar	meter 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	n
Ingress protection code IP66 [Dust penetra	ation-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) 5.340 kg	
Net Weight (Piece) 5.340 kg	
Net Weight (Piece) 5.340 kg Approval and Application	
Approval and Application	ormally flammable

CE mark	Yes
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
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	SDCM≤5
(McAdam ellipse)	

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L98
50000 h	
Lumen maintenance at median useful life*	L96
100000 h	
Product Data	
Order product name	BGP292 LED120-4S/740 II DM11 48/76S
	POLE
Full product name	BGP292 LED120-4S/740 II DM11 48/76S
	POLE
Full product code	871951412565000
Order code	910925867782
Material Nr. (12NC)	910925867782
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514125650
EAN/OPC - Product/Case	0/13514125050

8719514125650

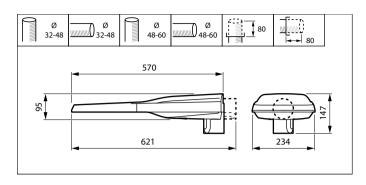
BGP292 [LumiStreet gen2 Mini]

EAN/UPC - Case

Product family code

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Dimensional drawing





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