



# 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	
Lamp family code	LED80 [LED module 8000 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	6,960 lm
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

### LumiStreet gen2

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

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

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 Complia	int)
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 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

1

8719514125612

BGP292 [LumiStreet gen2 Mini]

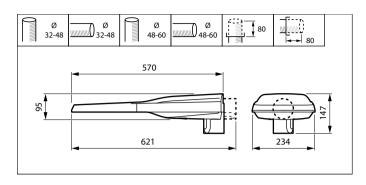
Numerator - Packs per outer box

EAN/UPC - Case

Product family code

## LumiStreet gen2

#### Dimensional drawing





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