



# LumiStreet gen2

## BGP292 LED49-4S/740 I DX10 7024 D9 76S

LumiStreet gen2 Mini, LED module 4900 lm, 740 neutral white, Safety class I, Distribution extra-wide 10, Side-entry for diameter 76 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	LED49 [LED module 4900 lm]	CE mark	Yes
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC plus mark
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	EU RoHS compliant	Yes
		Light Technical	
Light source engine type	LED	Upwards light output ratio	0
Product family code	BGP292 [LumiStreet gen2 Mini]	Luminous Flux	4,165 lm
Lighting Technology	LED	Standard tilt angle post-top	0°
Value ladder	Specification	Standard tilt angle side entry	0°

## LumiStreet gen2

Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	137 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° - 43° x 67°
Optic type outdoor	Distribution extra-wide 10

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	30.5 W
Power Factor (Fraction)	0.98
Connection	2 push-in connectors 5-pole
Cable	-
Number of products on MCB of 16 A type B	26

### Temperature

Ambient temperature range	-40 to +50 °C
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### 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	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Side-entry for diameter 76 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	620 mm
Overall width	234 mm

Overall height	95 mm
Effective projected area	0.0251 m²
Dimensions (height x width x depth)	95 x 234 x 620 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 up to 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I

### 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 5,000 hours	0.5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

### Product Data

Order product name	BGP292 LED49-4S/740 I DX10 7024 D9 76S
Full product name	BGP292 LED49-4S/740 I DX10 7024 D9 76S
Full EOC	871869944936000
Order code	44936000
Material no. (12 NC)	910925865670
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699449360
Numerator – packs per outer box	1
EAN/UPC – Case	8718699449360

Dimensional drawing

