LumiStreet gen2

BGP292 LED49-4S/740 I DX10 7024 D9 48/60

LumiStreet gen2 Mini, LED module 4900 lm, 740 neutral white, Safety class I, Distribution extra wide 10, 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	LED49 [LED module 4900 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	BGP292 [LumiStreet gen2 Mini]
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
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection

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	device, optics, front cover and mechanical parts	Optical cover finish	Clear
		Overall length	620 mm
Light Technical		Overall width	234 mm
Upward light output ratio	0	Overall height	95 mm
Luminous Flux	4,263 lm	Effective projected area	0.0251 m²
Standard tilt angle posttop	0°	Dimensions (Height x Width x Depth)	95 x 234 x 620 mm
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K	**Approval and Application**	
Luminous Efficacy (rated) (Nom)	147 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	70	Mech. impact protection code	IK08 [5 J vandal-protected]
Light source color	740 neutral white	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Optical cover type	Flat glass		
Luminaire light beam spread	150° – 43° x 67°	Sustainability rating	Lighting for circularity
Optic type outdoor	Distribution extra wide 10	Protection class IEC	Safety class I
Operating and Electrical		**Initial Performance (IEC Compliant)**	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-7%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.381, 0.379) SDCM <5
Inrush current	21 A	Power consumption tolerance	+/-10%
Inrush time	0.225 ms	Init. Color Rendering Index Tolerance	+/-2
Power Consumption	29 W		
Power Factor (Fraction)	0.97	**Over Time Performance (IEC Compliant)**	
Connection	2 Push-in connector 5-pole	Driver failure rate at 5000 h	0.5 %
Cable	–	Control gear failure rate at median useful life 100000 h	10 %
Number of products on MCB of 16 A type B	30	Lumen maintenance at median useful life* 100000 h	L97
Temperature		**Application Conditions**	
Ambient temperature range	–40 to +50 °C	Performance ambient temperature Tq	25 °C
		Maximum dim level	0% (digital)
Controls and Dimming			
Dimmable	Yes	**Product Data**	
Driver/power unit/transformer	Power supply unit with DALI interface	Order product name	BGP292 LED49-4S/740 I DX10 7024 D9 48/60
Control interface	DALI		
Constant light output	No	Full product name	BGP292 LED49-4S/740 I DX10 7024 D9 48/60
Mechanical and Housing		Full product code	871951407964900
Housing Material	Aluminum die cast	Order code	07964900
Reflector material	Polycarbonate	Material Nr. (12NC)	910925866698
Optic material	Polymethyl methacrylate	Numerator – Quantity Per Pack	1
Optical cover material	Glass	EAN/UPC – Product/Case	8719514079649
Fixation material	Aluminum	Numerator – Packs per outer box	1
Housing Color	Gray	EAN/UPC – Case	8719514079649
Mounting device	Side-entry for diameter 48 to 60 mm		
Optical cover shape	Flat		

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Dimensional drawing