



LumiStreet gen2

BGP292 LED75-4S/740 I DX10 7024 D9 48/60

LumiStreet gen2 Mini, LED module 7500 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	LED75 [LED module 7500 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
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, the luminaire is equipped with
	serviceable parts (when applicable): LED
	board, driver, control units, surge-protection
	device, optics, front cover and mechanical
	parts

LumiStreet gen2

Light Technical	
Upwards light output ratio	0
Luminous Flux	6,612 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 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	47 A
Inrush time	0.25 ms
Power Consumption	44 W
Power Factor (Fraction)	0.98
Connection	2 push-in connectors 5-pole
Cable	-
Number of products on MCB of 16 A type	10
В	

Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No

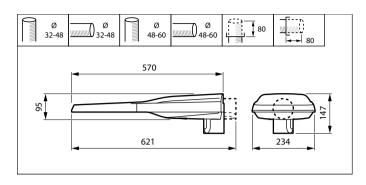
Mechanical and Housing

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 48 to 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	620 mm

Effective projected area 0.0251 m ^a Dimensions (height x width x depth) 95 x 234 x 620 mm Approval and Application Ingress protection code IP66 [Dust penetration-protected.]et-proc 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) Iminus flux tolerance Luminous flux tolerance +/-7% 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 10 % Life*100,000 h Lumen maintenance at median useful L97 Life* 100,000 h E Performance Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Product Data O% Order product name BGP292 LED75-45/740 I DX10 7024 D9 48/60 Full product name BGP2922	Overall width	234 mm
Dimensions (height x width x depth) 95 x 234 x 620 mm Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proc 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) Iuminous flux tolerance +/-7% Initial chromaticity Power consumption tolerance +/-7% Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Init. Color Rendering Index Tolerance Driver failure rate at 5.000 hours 0.5 % Control gear failure rate at median useful 10 % Life 100,000 h Lumen maintenance at median useful Luffer 100,000 h E Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Product Data Order product name BGP292 LED75-45/740 I DX10 7024 D9 48/60 Full product name BGP292 LED75-45/740 I DX10 7024 D9 48/60	Overall height	95 mm
Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proc 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) Iuminous flux tolerance Luminous flux tolerance +/-7% Initial chromaticity (0.381, 0.379) SDCM <5	Effective projected area	0.0251 m²
Ingress protection code IP66 [Dust penetration-protected, jet-proo 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 10 % Life 100,000 h Lumen maintenance at median useful L97 Life* 100,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital) Product Data Order product name BGP292 LED75-45/740 I DX10 7024 D9 48/60 Full product name BGP292 LED75-45/740 I DX10 7024 D9 48/60 Full EOC 07963200 Order code 07963200 Material no. (12 NC) 910925866697 SAP numerator – quantity per pack 1 EAN(VPC – Product/Case 8719514079632 Numerator – packs per outer box 1	Dimensions (height x width x depth)	95 x 234 x 620 mm
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EAN/UPC - Case 8719514079632	Numerator – packs per outer box	1
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LumiStreet gen2

Dimensional drawing





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