



LumiStreet gen2

BGP294 LED240-4S/740 II DM31 MSP CLO SRT

LumiStreet gen2 Large, LED module 24000 lm, 740 neutral white, Safety class II, Distribution medium 31, Post-top for diameter 48 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	LED240 [LED module 24000 lm]
Light source replaceable	Yes
Number of gear units	2 units
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	BGP294 [LumiStreet gen2 Large]
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
Light Technical	
Upward light output ratio	0
Luminous Flux	20,240 lm
Standard tilt angle posttop	0°

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Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 31

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	134 W
Average CLO power consumption	136 W
End CLO power consumption	138 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	134 W
Power Factor (Fraction)	0.98
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	4

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	-
Constant light output	Yes

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	Post-top for diameter 48 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	865 mm

Overall width	340 mm
Overall height	100 mm
Effective projected area	0.0256 m²
Dimensions (Height x Width x Depth)	100 x 340 x 865 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 until 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II

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)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application Conditions

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

Product Data

Order product name	BGP294 LED240-4S/740 II DM31 MSP CLO SRT
Full product name	BGP294 LED240-4S/740 II DM31 MSP CLO SRT
Full product code	871951410186900
Order code	910925866923
Material Nr. (12NC)	910925866923
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514101869
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514101869

Dimensional drawing

