



# LumiStreet gen2

## BGP293 LED240-4S/740 I DM11 48/60S

LumiStreet gen2 Medium, LED module 24000 lm, 740 neutral white, Safety class I, Distribution medium 11, 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		Value ladder	Specification
Lamp family code	LED240 [LED module 24000 lm]	CE mark	Yes
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 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 source engine type		Light Technical	
Service tag	Yes	Upward light output ratio	0
Product family code	BGP293 [LumiStreet gen2 Medium]	Luminous Flux	20,640 lm
Lighting Technology	LED	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)	145 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	142 W
Power Factor (Fraction)	0.99
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	8

### 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
Control interface	-
Constant light output	No

### 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 48 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	626 mm
Overall width	340 mm
Overall height	95 mm

Effective projected area	0.0246 m²
Dimensions (Height x Width x Depth)	95 x 340 x 626 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 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 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

### Application Conditions

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

### Product Data

Order product name	BGP293 LED240-4S/740 I DM11 48/60S
Full product name	BGP293 LED240-4S/740 I DM11 48/60S
Full product code	871951405877400
Order code	05877400
Material Nr. (12NC)	910925866444
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514058774
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514058774

## Dimensional drawing

