



# UniStreet gen2

## BGP284 LED240-4S/740 II DM11 D9 48/60S P

UniStreet gen2 Large - LED module 24000 lm - 740 neutral white - Safety class II - Distribution medium 11 - Side-entry for diameter 48 to 60 mm

Designed for large-scale ledification projects, the UniStreet gen2 is the ideal 1:1 luminaire replacement for municipalities. Thanks to its high efficiency and low initial cost, the UniStreet gen2 luminaire enables a fast payback and significant savings in terms of energy consumption within a short period of time. The ease of installation and maintenance is enabled by the Philips Service tag and 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. Available with a number of different optics and lumen packages that can even be tuned further to fit exact project requirements, UniStreet gen2 is a true point-to-point replacement solution for conventional light sources. The compact luminaire, using high-quality materials is also easy to dismantle and recycle at the end of its lifetime.

### Product data

General information		Cable	-
Lamp family code	LED240 [ LED module 24000 lm]	Protection class IEC	Safety class II
Light source color	740 neutral white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes	CE mark	Yes
Number of gear units	2 units	ENEC mark	ENEC plus mark
Driver/power unit/transformer	Power supply unit with DALI interface	Warranty period	5 years
Driver included	Yes	Optic type outdoor	Distribution medium 11
Optical cover/lens type	Flat glass	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Luminaire light beam spread	160° - 42° x 54°		
Control interface	DALI		
Connection	2 Push-in connector 5-pole		

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Constant light output	No
Number of products on MCB of 16 A type B	4
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP284 [ UniStreet gen2 Large]

## Light technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

## Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.98

## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	865 mm
Overall width	340 mm
Overall height	100 mm
Effective projected area	0.0256 m²
Color	Gray
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	-

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	21120 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	153 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	138 W
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	L97

## Application conditions

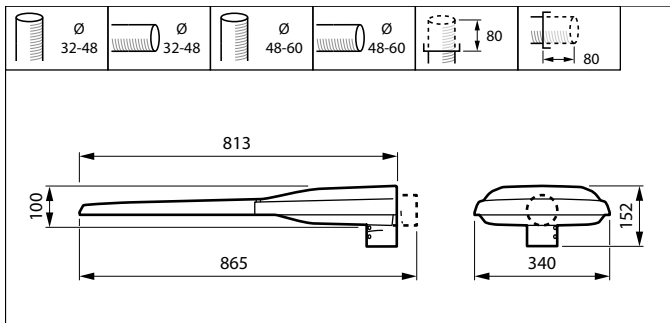
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

## Product data

Full product code	871951407936600
Order product name	BGP284 LED240-4S/740 II DM11 D9 48/60S P
EAN/UPC - Product	8719514079366
Order code	910925866670
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866670
Net Weight (Piece)	10.000 kg

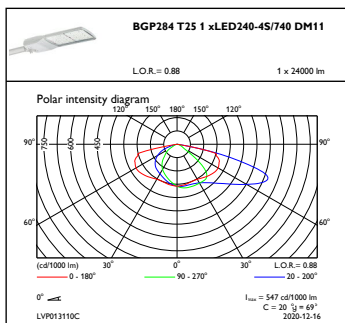


## Dimensional drawing

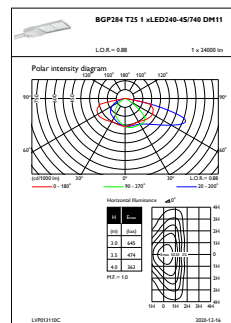


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## Photometric data



OFPC1\_BGP284T251xLED240-4S740DM11



OFPL1\_BGP284T251xLED240-4S740DM11

