



UniStreet gen2

BGP283 LED160-4S/740 I DM11 D9 48/60S

BGP283 | UniStreet gen2 Medium - LED160 | LED module 16000 lm - 740 neutral white - Safety class I - 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		Light source engine type	
Lamp family code	LED160 [LED module 16000 lm]	Light source engine type	LED
Light source replaceable	Yes	Warranty period	5 years
CE mark	Yes	Service tag	Yes
Number of gear units	1 unit	Product family code	BGP283 [UniStreet gen2 Medium]
Driver included	Yes	Lighting Technology	LED
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	ENEC mark	ENEC plus mark
Flammability mark	For mounting on normally flammable surfaces	EU RoHS compliant	Yes
		Value ladder	Specification
		Light Technical	
		Upward light output ratio	0

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Luminous Flux	14,080 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	95 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	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover/lens shape	Flat
Optical cover/lens 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)

Initial chromaticity	(0.381, 0.379) SDCM <5
Luminous flux tolerance	+/-7%
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	L96

Application Conditions

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

Product Data

Full product code	871951407961800
Order product name	BGP283 LED160-4S/740 I DM11 D9 48/60S
Order code	910925866695
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866695
Full product name	BGP283 LED160-4S/740 I DM11 D9 48/60S
EAN/UPC - Case	8719514079618

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Dimensional drawing

