



UniStreet gen2

BGP281 LED40-4S/830 II DN10 DDF2 D18 SRG

BGP281 | UniStreet gen2 Micro - LED40 | LED module 4000 lm - 830 warm white - Safety class II - Distribution narrow 10 - 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		Lighting Technology	
Lamp family code	LED40 [LED module 4000 lm]	Lighting Technology	LED
Light source replaceable	Yes	Value ladder	Specification
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Upward light output ratio	0
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Luminous Flux	3,560 lumen
Light source engine type	LED	Standard tilt angle posttop	0°
Service tag	Yes	Standard tilt angle side entry	0°
Product family code	BGP281 [UniStreet gen2 Micro]	Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	111 lm/W
		Color rendering index (CRI)	80

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Light source color	830 warm white
Optical cover/lens type	Flat glass
Luminaire light beam spread	68° x 158°
Optic type outdoor	Distribution narrow 10

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Factor (Fraction)	0.98
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	26

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 DynaDimmer
Control interface	-
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	520 mm
Overall width	234 mm
Overall height	95 mm
Effective projected area	0.0235 m ²
Dimensions (Height x Width x Depth)	95 x 234 x 520 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Sustainability rating	-
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Warranty period	5 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) 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	L97

Application Conditions

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

Product Data

Full product code	871951407973100
Order product name	BGP281 LED40-4S/830 II DN10 DDF2 D18 SRG
Order code	07973100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910925866708
Full product name	BGP281 LED40-4S/830 II DN10 DDF2 D18 SRG
EAN/UPC - Case	8719514079731



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Dimensional drawing

