



UniStreet gen2

BGP282 LED70-4S/740 I DM50 D948/60S

UNISTREET GEN2 MINI - LED module 7000 lm - 740 neutral white - Safety class I (I) - Distribution medium 50 - Side-entry for diameter 48-60 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	
Lamp family code	LED70 [LED module 7000 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	154° - 31° x 54°
Control interface	DALI
Connection	2 Push-in connector 5-pole
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC plus mark
Warranty period	5 years
Optic type outdoor	Distribution medium 50
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components

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Constant light output	No
Number of products on MCB of 16 A type B	10
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	BGP282 [UNISTREET GEN2 MINI]

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	47 A
Inrush time	0.25 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	48/60S [Side-entry for diameter 48-60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	620 mm
Overall width	234 mm
Overall height	95 mm
Effective projected area	0.0251 m ²
Color	Gray

Dimensions (Height x Width x Depth)	95 x 234 x 620 mm (3.7 x 9.2 x 24.4 in)
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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

Initial performance (IEC compliant)

Initial luminous flux (system flux)	6090 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	143 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	42.5 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)

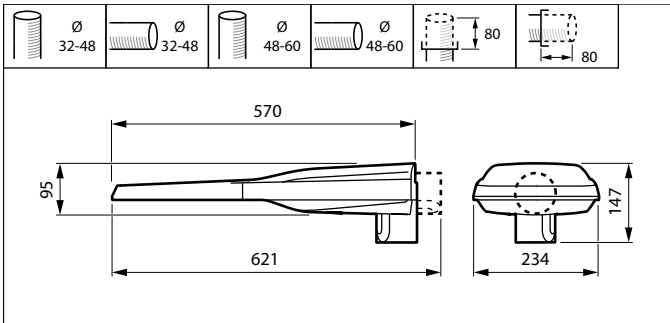
Product data

Full product code	871951407975500
Order product name	BGP282 LED70-4S/740 I DM50 D948/60S
EAN/UPC - Product	8719514079755
Order code	07975500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866710
Net Weight (Piece)	5.100 kg



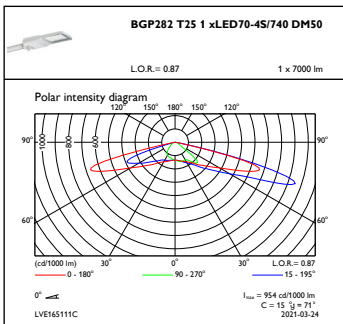
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Dimensional drawing

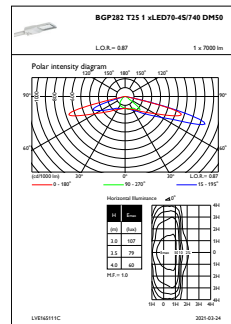


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Photometric data



OFPC1_BGP282T251xLED70-4S740DM50



OFPL1_BGP282T251xLED70-4S740DM50

