



# **UniStreet gen2**

# BGP282 LED120-4S/740 I DM50 D9 48/60S

UniStreet gen2 Mini, LED module 12000 lm, 740 neutral white, Safety class I, Distribution medium 50, 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	
Lamp family code	LED120 [LED module 12000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Service tag	Yes
Product family code	BGP282 [UniStreet gen2 Mini]

Lighting Technology	LED
Value ladder	Specification
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
Light Technical	
Upward light output ratio	0
Luminous Flux	10,200 lm

## **UniStreet gen2**

Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Luminous Efficacy (rated) (Nom)	146 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium 50

#### **Operating and Electrical**

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	70 W
Power Factor (Fraction)	0.99
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type	10
в	

#### Temperature

Ambient temperature range

Yes
Power supply unit with DALI interface
DALI
No

-40 to +50 °C

#### Mechanical and Housing

Meenanical 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	620 mm
Overall width	234 mm
Overall height	95 mm
Effective projected area	0.0251 m²
Dimensions (Height x Width x Depth)	95 x 234 x 620 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
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	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Complia	ant)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L98
50000 h	
Lumen maintenance at median useful life*	L96
100000 h	
Application Conditions	

25 °C

Application conditions		
Performance ambient temperature Tq		

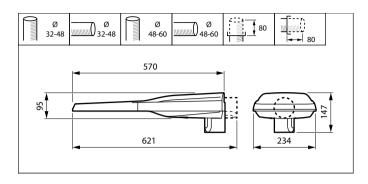
Maximum dim level 0% (digital)

#### **Product Data**

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Order product name	BGP282 LED120-4S/740 I DM50 D9 48/60S
Full product name	BGP282 LED120-4S/740 I DM50 D9 48/60S
Full product code	871951407944100
Order code	910925866678
Material Nr. (12NC)	910925866678
Numerator - Quantity Per Pack	1
Net Weight (Piece)	5.100 kg
EAN/UPC - Product/Case	8719514079441
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514079441

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## Dimensional drawing





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