



# **UniStreet gen2**

# BGP283 LED139-4S/740 I DM50 D9 48/60S

UniStreet gen2 Medium, LED module 13900 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	LED139 [LED module 13900 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	BGP283 [UniStreet gen2 Medium]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0

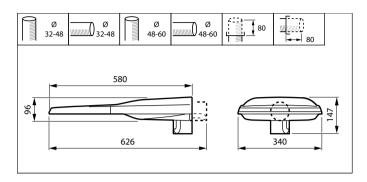
## **UniStreet gen2**

	12.0.10.1
Luminous Flux	12,040 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	147 lm/W
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	53 A
Inrush time	0.3 ms
Power Consumption	82 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
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 material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover snape	Clear
Overall length	
Overall length Overall width	626 mm 340 mm
	340 000
Overall height	95 mm

Effective projected area	0.0246 m²
Dimensions (Height x Width x Depth)	95 x 340 x 626 mm
	55 x 540 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
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	int)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L97
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP283 LED139-4S/740 I DM50 D9
	48/60S
Full product name	BGP283 LED139-4S/740 I DM50 D9
	48/60S
Full product code	871951410011400
Order code	910925866746
Material Nr. (12NC)	910925866746
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514100114
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514100114

## **UniStreet gen2**

### Dimensional drawing





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