



# UniStreet

## BGP243 LED70-4S/740 I DM12 DDF2 SRG10

UniStreet Medium - LED module 7000 lm - 740 neutral white -  
 Safety class I - Distribution medium 12 - Flat glass

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

### 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	Power supply unit with DALI interface
Driver included	Yes
Optical cover/lens type	Flat glass
Luminaire light beam spread	medium
Control interface	DALI, Dynadimmer mode 2
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 12
Constant light output	No
Surge protection	10 kV
RoHS mark	RoHS mark
Light source engine type	LED
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

<b>Product family code</b>	BGP243 [ UniStreet Medium]
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## Light Technical

<b>Upward light output ratio</b>	0
<b>Standard tilt angle posttop</b>	0°
<b>Standard tilt angle side entry</b>	0°

## Operating and Electrical

<b>Input Voltage</b>	220 - 240 VAC
<b>Input Frequency</b>	50 Hz
<b>Initial CLO power consumption</b>	42W
<b>Average CLO power consumption</b>	42W
<b>End CLO power consumption</b>	42 W
<b>Inrush current</b>	46 A
<b>Inrush time</b>	0.250 ms
<b>Power Factor (Min)</b>	0.96

## Controls and Dimming

<b>Dimmable</b>	Yes
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## Mechanical and Housing

<b>Housing Material</b>	Aluminum die-cast
<b>Reflector material</b>	Polycarbonate
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Tempered glass
<b>Fixation material</b>	Aluminum
<b>Mounting device</b>	Universal for post top diameter 48 to 60 / 76 mm or side entry 32 to 48 / 60 mm adjustable tilt +20 / +15 / +10 / +5 / 0 / -5 / -10 / -15 / -20 dgr.
<b>Optical cover/lens shape</b>	Curved
<b>Optical cover/lens finish</b>	Clear
<b>Overall length</b>	580 mm
<b>Overall width</b>	353 mm
<b>Overall height</b>	98 mm
<b>Effective projected area</b>	0.42 m <sup>2</sup>

## Approval and Application

<b>Ingress protection code</b>	IP66 [ Dust penetration-protected, jet-proof]
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<b>Mech. impact protection code</b>	IK08 [ 5 J vandal-protected]
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## Initial Performance (IEC Compliant)

<b>Initial luminous flux (system flux)</b>	6230 lm
<b>Luminous flux tolerance</b>	+/-7%
<b>Initial LED luminaire efficacy</b>	148 lm/W
<b>Init. Corr. Color Temperature</b>	4000 K
<b>Init. Color Rendering Index</b>	70
<b>Initial chromaticity</b>	(0.38, 0.38) SDCM <5
<b>Initial input power</b>	42 W
<b>Power consumption tolerance</b>	+/-11%

## Over Time Performance (IEC Compliant)

<b>Driver failure rate at 5000 h</b>	0.50 %
<b>Useful life L80B10</b>	100000 h
<b>Lumen maintenance at useful life of 100000 h, at 25 °C</b>	95%

## Application Conditions

<b>Ambient temperature range</b>	-30 to +35 °C
<b>Maximum dim level</b>	0% (digital)

## Product Data

<b>Full product code</b>	
<b>Order product name</b>	BGP243 LED70-4S/740 I DM12 DDF2 SRG
<b>EAN/UPC - Product</b>	
<b>Order code</b>	
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	1
<b>Material Nr. (12NC)</b>	
<b>Net Weight (Piece)</b>	6.020 kg

