



# UniStreet

## BGP243 LED80-4S/740 I DN10 DDF2 SRG10

UniStreet Medium - LED module 8000 lm - 740 neutral white -  
 Safety class I - Distribution narrow 10 - 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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		Flammability mark	
Lamp family code	LED80 [ LED module 8000 lm]	CE mark	For mounting on normally flammable surfaces
Light source color	740 neutral white	ENEC mark	ENEC mark
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Optic type outdoor	Distribution narrow 10
Driver/power unit/transformer	Power supply unit with DALI interface	Constant light output	No
Driver included	Yes	Surge protection	10 kV
Optical cover/lens type	Flat glass	RoHS mark	RoHS mark
Luminaire light beam spread	narrow	Light source engine type	LED
Control interface	DALI, Dynadimmer mode 2	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
Connection	Connection unit 5-pole		
Cable	-		
Protection class IEC	Safety class I		

<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>	48 W
<b>Average CLO power consumption</b>	48 W
<b>End CLO power consumption</b>	48 W
<b>Inrush current</b>	46 A
<b>Inrush time</b>	0.250 ms
<b>Power Factor (Min)</b>	0.97

## 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>	7040 lm
<b>Luminous flux tolerance</b>	+/-7%
<b>Initial LED luminaire efficacy</b>	146 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>	48 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>	94%

## 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 LED80-4S/740 I DN10 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

