



UniStreet

BGP243 LED90-4S/740 I DN10 DDF2 SRG10

UniStreet Medium - LED module 9000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	For mounting on normally flammable surfaces
Lamp family code	LED90 [LED module 9000 lm]	CE mark	CE mark
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	medium	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		

Product family code	BGP243 [UniStreet Medium]
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Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 - 240 VAC
Input Frequency	50 Hz
Initial CLO power consumption	55W
Average CLO power consumption	55W
End CLO power consumption	55W
Inrush current	46 A
Inrush time	0.250 ms
Power Factor (Min)	0.97

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Aluminum
Mounting device	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.
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	580 mm
Overall width	353 mm
Overall height	98 mm
Effective projected area	0.42 m ²

Approval and Application

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

Initial luminous flux (system flux)	7920 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	144 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	55 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.50 %
Useful life L80B10	100000 h
Lumen maintenance at useful life of 100000 h, at 25 °C	94%

Application Conditions

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

Product Data

Full product code	
Order product name	BGP243 LED90-4S/740 I DN10 DDF2 SRG
EAN/UPC - Product	
Order code	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	
Net Weight (Piece)	6.020 kg

