UniStreet

BGP204 LED139-4S/740 I DN10 DDF2 SRG10

UniStreet Large - LED module 13900 lm - 740 neutral white - Safety class I - Distribution narrow - Dynadimmer DALI

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

Number of light sources	2 pcs
Lamp family code	LED139 [LED module 13900 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	narrow
Embedded control	-

Control interface	DALI
Light regulation	Dimming via external communication DALI
Connection	Screw connection block 5-pole
Cable	-
Protection class IEC	Safety class I
Coating	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years

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Optic type outdoor	Distribution narrow		Torque	15
Photocell	-		Overall length	755 mm
Supply cable type	-		Overall width	355 mm
Constant light output	No		Overall height	98 mm
Spare parts available	Yes		Effective projected area	0.04 m²
Number of products on MCB of 16 A type B	8			
RoHS mark	-			
WEEE mark	-		**Approval and Application**	
Light source engine type	LED		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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		Mech. impact protection code	IK08 [5 J vandal-protected]
			Surge Protection (Common/Differential)	10 kV
			Initial Performance (IEC Compliant)	
Product family code	BGP204 [UniStreet Large]		Initial luminous flux (system flux)	12180 lm
			Luminous flux tolerance	+/-7%
Light Technical			Initial LED luminaire efficacy	146 lm/W
Upward light output ratio	0		Init. Corr. Color Temperature	4000 K
Scotopic/photopic lumen ratio	1.6		Init. Color Rendering Index	70
Standard tilt angle posttop	0°		Initial chromaticity	(0.381, 0.379) SDCM <5
Standard tilt angle side entry	0°		Initial input power	83W
			Power consumption tolerance	+/-11%
Operating and Electrical			**Over Time Performance (IEC Compliant)**	
Input Voltage	220-240 VAC		Driver failure rate at 5000 h	0.5 %
Input Frequency	50 Hz		Useful life L80B10	100000 h
Initial CLO power consumption	83 W		Lumen maintenance at useful life of 100000 h, at 25 °C	92
Average CLO power consumption	83 W			
End CLO power consumption	83 W			
Inrush current	53 A		**Application Conditions**	
Inrush time	0.3 ms		Ambient temperature range	-30 to +35 °C
Driver current	570 mA		Average ambient temperature	25 °C
Power Factor (Min)	0.97		Maximum dim level	
Controls and Dimming			**Product Data**	
Dimmable	DALI, internal Dynadimmer, mode 2		Full product code	
			Order product name	BGP204 LED139-4S/740 I DN10 DDF2 SRG
Mechanical and Housing			EAN/UPC – Product	
Housing Material	Aluminum die-cast		Order code	
Reflector material	Polycarbonate		Numerator - Quantity Per Pack	1
Optic material	Polycarbonate		Numerator - Packs per outer box	1
Optical cover/lens material	Tempered glass		Material Nr. (12NC)	
Fixation material	Aluminum		Net Weight (Piece)	9.000 kg
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	Flat			
Optical cover/lens finish	Clear			