



UniStreet

BGS203 LED40/740 I DM DDF P1 C8K 32/48A

UniStreet Small, LED module 4000 lm, Distribution medium, DynaDimmer with fixed presets, Universal for diameter 32 to 48 mm adjustable

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

Product data

General Information			
Lamp family code	LED40 [LED module 4000 lm]	Light source engine type	LED
Light source replaceable	Yes	Product family code	BGS203 [UniStreet Small]
Number of gear units	Unit	Lighting Technology	LED
Driver included	Yes	Embedded control	DynaDimmer with fixed presets
Photocell	NEMA socket for photocell	CE mark	Yes
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components	Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 5 s
		EU RoHS compliant	No
		Light Technical	
		Upwards light output ratio	0
		Luminous Flux	3,485 lm
		Standard tilt angle post-top	0°
		Standard tilt angle side entry	0°

Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	105 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	[DELETE] W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Cable	Cable 8.0 m without plug
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	Internal (no external connection)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Universal for diameter 32 to 48 mm adjustable
Optical cover/lens shape	Flat

Optical cover/lens finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (height x width x depth)	98 x 270 x 630 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)	Philips standard surge-protection level
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L91

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product Data

Order product name	BGS203 LED40/740 I DM DDF P1 C8K 32/48A
Full product name	BGS203 LED40/740 I DM DDF P1 C8K 32/48A
Full EOC	871869632128700
Order code	32128700
Material no. (12 NC)	910925439301
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696321287
Numerator – packs per outer box	1
EAN/UPC – Case	8718696321287

Dimensional drawing

