



UniStreet

BGS202 LED20/740 I DM 76A

UniStreet Mini, LED Module 2000 lm, 740 neutral white, Safety class I, Distribution medium, Side-entry for diameter 76 mm

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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	LED20 [LED Module 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
Product family code	BGS202 [UniStreet Mini]
Lighting Technology	LED

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	1,812 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	113 lm/W

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Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	74° x 74°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	230 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	27 A
Inrush time	0.265 ms
Power Consumption	16 W
Power Factor (Fraction)	0.93
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	18
В	
B	
B Temperature	
	-40 to +50 °C
Temperature	-40 to +50 °C
Temperature	-40 to +50 °C
Temperature Ambient temperature range	-40 to +50 °C
Temperature Ambient temperature range Controls and Dimming	
Temperature Ambient temperature range Controls and Dimming Dimmable	No
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	No
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit (On/Off) -
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit (On/Off) -
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	No Power supply unit (On/Off) -
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	No Power supply unit (On/Off) - No
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	No Power supply unit (On/Off) - No Aluminum die cast
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate
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Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Polycarbonate Aluminum
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	No Power supply unit (On/Off) - No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate Aluminum Grey

Overall length	505 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 505 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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

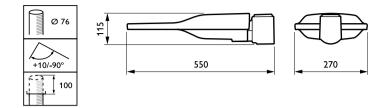
Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful life* L93 100000 h

Application Conditions

25 °C
Not applicable
BGS202 LED20/740 I DM 76A
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871869698808400
910925864548
910925864548
1
8718696988084
1
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Dimensional drawing





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