

UniStreet

BGS204 LED80-/740 I DM CLO D9 48/60A



BGS204 - LED module 8000 lm - Distribution medium - Constant light output - Universal for diameter 48-60 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

Product family code	BGS204 [BGS204]
Number of light sources	4 [4 pcs]
Lamp family code	LED80 [LED module 8000 lm]
Light source color	740 [740 neutral white]
Light source replaceable	true [Yes]
Number of gear units	1 [1 unit]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	true [Yes]
Protection class IEC	I [Safety class I]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type	DM [Distribution medium]
Optical cover/lens type	FG [Glass flat]
Color	GR [Gray]
Coating	No [-]
Embedded control	CLO [Constant light output]
Dimmable	Yes [Yes]
Light regulation	D9 [Dimming via external communication DALI]
Photocell	No [-]
Surge protection	No [Basic surge protection level until 4 kV]
Connection	SI [Screw connection block]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]
Constant light output	Yes [Yes]

• Light technical

Standard tilt angle posttop	0 [0°]
Standard tilt angle side entry	0 [0°]
Luminous flux tolerance	+/-7.5% [+/-7.5%]
Scotopic/photopic lumen ratio	1.6 -

• Electrical

Power consumption tolerance	+/-7.5% [+/-7.5%]
Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]
Driver current	700 mA [700 mA]

• Mechanical

Mounting device	48/60A [Universal for diameter 48-60 mm adjustable]
Housing material	ALU [Aluminum]
Optic material	PC [Polycarbonate]
Optical cover/lens material	G [Glass]

• Initial perform. (IEC compliant)

Initial input power	71.3 W [71.3 W]
Initial luminous flux	5849 Lm
Initial LED luminaire efficacy	103 Lm/W
Init. Corr. Color Temperature	4000 [4000 K]
Init. Color Rendering Index	>70 [>70]

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Initial chromaticity (0.38, 0.38) SDCM <5

• Over time perform. (IEC compliant)

Driver failure rate at 5000 h 0.05 %

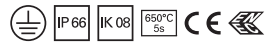
• Application conditions

Average ambient temperature T25 [+25 °C]
 Ambient temperature range -30 to +35°C [-30 to +35 °C]

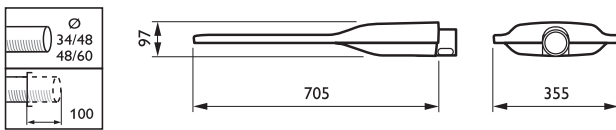
• Product Data

Order code 910925439024

Full product code 910925439024
 Full product name BGS204 LED80-/740 I DM CLO D9 48/60A
 Order product name BGS204 LED80-/740 I DM CLO D9 48/60A
 Pieces per pack 0
 Packs per outerbox 1
 Bar code on outerbox - EAN3 8718696301791
 Logistic code(s) - 12NC 910925439024
 Net weight per piece 7.980 kg



Dimensional drawing



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 data subject to change