

UniStreet

BGS203 LED40-/740 I DM CLO D9 48/60A



BGS203 - LED module 4000 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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 | BGS203 [BGS203] |
| Number of light sources | 2 [2 pcs] |
| Lamp family code | LED40 [LED module 4000 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 | 38.1 W [38.1 W] |
| Initial luminous flux | 3464 Lm |
| Initial LED luminaire efficacy | 91 Lm/W |
| Init. Corr. Color Temperature | 4000 [4000 K] |
| Init. Color Rendering Index | >70 [>70] |



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Initial chromaticy (0.38, 0.38) SDCM <5

• Over time perform. (IEC compliant)

Driver failure rate at 5000 h 0.05 %

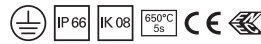
• Application conditions

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

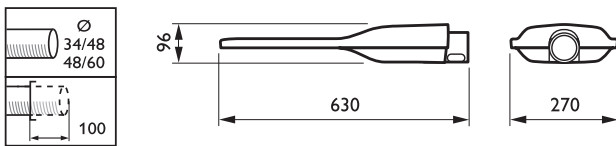
• Product Data

Order code 910925439021

Full product code 910925439021
 Full product name BGS203 LED40-/740 I DM CLO D9 48/60A
 Order product name BGS203 LED40-/740 I DM CLO D9 48/60A
 Pieces per pack 0
 Packs per outerbox 1
 Bar code on outerbox - EAN3 8718696301760
 Logistic code(s) - 12NC 910925439021
 Net weight per piece 5.830 kg



Dimensional drawing



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www.philips.com/lighting

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 data subject to change