



Selenium LED

BGP340 LED110--3S/740 PSR I DM DDF2 48/6

Selenium LED - LED module 11000 lm - Power supply unit regulating - Distribution medium - DynaDimmer with fixed presets version 2 - Universal for diameter 48-60 mm

Selenium LED is a cost-effective road lighting LED luminaire, delivering significant energy saving compared with conventional solutions. Energy savings can be further enhanced with the range of integrated control options. Selenium LED delivers high quality neutral white light with excellent uniformity using Philips LEDGINE technology. Installation and maintenance is made simple using plug connectors and drivers that are directly accessible without the use of tools.

Product data

| General Information | | | |
|-------------------------------|---|----------------------|--|
| Number of light sources | 1 [1 pc] | Cable | - |
| Lamp family code | LED110 [LED module 11000 lm] | Protection class IEC | Safety class I |
| Lamp version | 3S [3rd generation, screw fixation] | Coating | - |
| Light source colour | 740 neutral white | Glow-wire test | Temperature 960 °C, duration 5 s |
| Light source replaceable | Yes | Flammability mark | NO [-] |
| Number of gear units | 1 unit | CE mark | CE mark |
| Driver/power unit/transformer | PSR [Power supply unit regulating] | ENEC mark | ENEC mark |
| Driver included | Yes | Warranty period | 5 years |
| Optical cover/lens type | FG [Flat glass] | Outdoor optic type | Distribution medium |
| Luminaire light beam spread | 160° | RAL colour | Light Grey (7035) |
| Embedded control | DDF2 [DynaDimmer with fixed presets version 2] | Photocell | No [-] |
| Control interface | Analog | 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 |
| Light regulation | - | | |
| Connection | Screw connection block | | |

Selenium LED

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|---------------------------|--|
| | B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output | No |
| Number of products on MCB | 8 |
| RoHS mark | - |
| WEEE mark | - |
| LED engine type | LED |
| Product Family Code | BGP340 [Selenium LED] |

Light Technical

| | |
|--------------------------------|----|
| Upward light output ratio | 0 |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |

Operating and Electrical

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|------------------------|-------------|
| Input voltage | 220-240 V |
| Input frequency | 50 to 60 Hz |
| Control signal voltage | 1-10 V DC |
| Inrush current | 80 A |
| Inrush time | 150 ms |
| Power factor (min.) | 0.9 |
| Power factor (nom.) | 0.95 |

Controls and Dimming

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|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

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|-----------------------------|--|
| Housing material | Aluminium |
| Reflector material | - |
| Optic material | Glass |
| Optical cover/lens material | Glass |
| Fixation material | Stainless steel |
| Mounting device | 48/60 [Universal for diameter 48-60 mm] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Torque | 15 |
| Overall length | 750 mm |
| Overall width | 320 mm |
| Overall height | 210 mm |
| Effective projected area | 0.07 m ² |
| Colour | Aluminium and Grey |

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) | 6/4 kV |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|------------------------|
| Initial luminous flux | 9381 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 110 lm/W |
| Init. Corr. colour temperature | 4000 K |
| Init. colour rendering index | ≥70 |
| Initial chromaticity | (0.380, 0.370) SDCM <3 |
| Initial input power | 85 W |
| Power consumption tolerance | +/-11% |

Over Time Performance (IEC Compliant)

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|---|-------|
| Control gear failure rate at median useful life 75000 h | 7.5 % |
| Lumen maintenance at median useful life* 75000 h | L80 |

Application Conditions

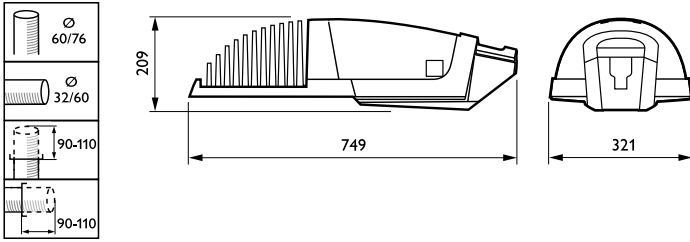
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|------------------------------------|---------------|
| Ambient temperature range | -30 to +45 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dimming level | 10% |

Product Data

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|---------------------------------|--|
| Full product code | 871829106381000 |
| Order product name | BGP340 LED110--3S/740 PSR I DM DDF2 48/6 |
| EAN/UPC – product | 8718291063810 |
| Order code | 06381000 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 910925438581 |
| Net weight (piece) | 12.000 kg |

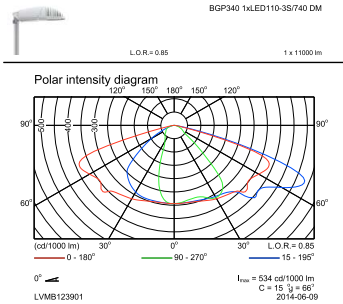
Selenium LED

Dimensional drawing



Selenium LED BGP340

Photometric data



OFPC1_BGP340 1xLED110-3S740 DM.EPS

