



Selenium LED

BGP340 LED74--3S/740 PSU I DM 48/60

Selenium LED, LED module 7400 lm, Power supply unit (On/Off), Distribution medium, Universal for diameter 48 to 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 | | | |
|--------------------------|--|----------------------------------|----------------------------------|
| Lamp family code | LED74 [LED module 7400 lm] | Embedded control | - |
| Light source replaceable | Yes | CE mark | Yes |
| Number of gear units | Unit | Warranty period | 5 years |
| Driver included | Yes | Flammability mark | - |
| Photocell | - | ENEC mark | ENEC mark |
| 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. | Glow-wire test | Temperature 960 °C, duration 5 s |
| Light source engine type | LED | EU RoHS compliant | No |
| Product family code | BGP340 [Selenium LED] | Light Technical | |
| Lighting Technology | LED | Upwards light output ratio | 0 |
| | | Luminous Flux | 6,407 lm |
| | | Standard tilt angle post-top | 0° |
| | | Standard tilt angle side entry | 0° |
| | | Correlated Colour Temperature | 4000 K |
| | | Luminous efficacy (rated) (nom.) | 114 lm/W |
| | | Colour rendering index (CRI) | ≥70 |
| | | Light source colour | 740 neutral white |

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|-----------------------------|---------------------|
| Optical cover type | Flat glass |
| Luminaire light beam spread | 160° |
| Optic type outdoor | Distribution medium |

Operating and Electrical

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|--|-------------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 80 A |
| Inrush time | 150 ms |
| Power Consumption | 56 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Screw connection block 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 11 |

Temperature

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|---------------------------|---------------|
| Ambient temperature range | -30 to +45 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

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|-----------------------------|------------------------------------|
| Housing material | Aluminium |
| Reflector material | - |
| Optic material | Glass |
| Optical cover/lens material | Glass |
| Fixation material | Stainless steel |
| Housing Colour | Aluminium and grey |
| Mounting device | Universal for diameter 48 to 60 mm |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 750 mm |
| Overall width | 320 mm |
| Overall height | 210 mm |

| | |
|-------------------------------------|--------------------|
| Effective projected area | 0.07 m² |
| Dimensions (height x width x depth) | 210 x 320 x 750 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) | 6/4 kV |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.380, 0.370) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

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|--|-------|
| Control gear failure rate at median useful life 50,000 h | 7.5 % |
| Lumen maintenance at median useful life* 75000 h | L80 |

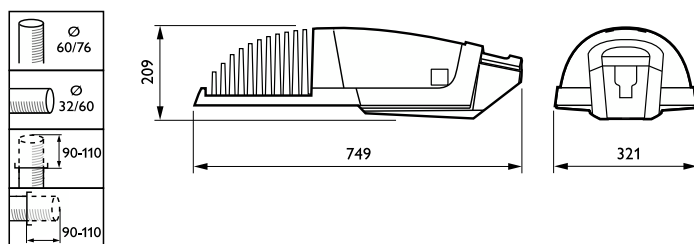
Application Conditions

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|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

Product Data

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|-----------------------------------|-------------------------------------|
| Order product name | BGP340 LED74--3S/740 PSU I DM 48/60 |
| Full product name | BGP340 LED74--3S/740 PSU I DM 48/60 |
| Full EOC | 871829106344500 |
| Order code | 06344500 |
| Material no. (12 NC) | 910925438544 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718291063445 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718291063445 |

Dimensional drawing



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