



ClearWay

BGP303 LED25-4S/740 PSU I DM11 76

ClearWay, LED Module 2500 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Distribution medium 11, Philips standard surge protection level, Spigot for diameter 76 mm

LED technology represents a breakthrough in lighting in many different respects. The light quality provided by LEDs, for example, has made our roads safer, while the tremendous efficacy of LEDs is helping cities reduce their energy bills. At Philips, we believe we can make even more roads safer, and help more municipalities achieve their goal of reducing energy consumption. That's why we have developed ClearWay – a LED road luminaire that is affordable yet does not compromise on light quality and energy efficiency.

Product data

| General Information | | EU RoHS compliant | |
|------------------------------------|---|-------------------|--|
| Lamp family code | LED25 [LED Module 2500 lm] | No | |
| Light source replaceable | No | | |
| Number of gear units | 1 unit | | |
| Driver included | Yes | | |
| Light source engine type | LED | | |
| Product family code | BGP303 [ClearWay] | | |
| Lighting Technology | LED | | |
| Flammability mark | For mounting on normally flammable surfaces | | |
| CE mark | Yes | | |
| ENEC mark | ENEC mark | | |
| Warranty period | 5 years | | |
| Light Technical | | | |
| Upward light output ratio | 0 | | |
| Luminous Flux | 2,225 lm | | |
| Standard tilt angle posttop | 0° | | |
| Standard tilt angle side entry | 0° | | |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 132 lm/W | | |
| Color rendering index (CRI) | >70 | | |
| Light source color | 740 neutral white | | |
| Optical cover type | Flat glass | | |
| Luminaire light beam spread | 150° x 62° | | |

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|--------------------|------------------------|
| Optic type outdoor | Distribution medium 11 |
|--------------------|------------------------|

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|---|-------------------------------|
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| End CLO power consumption | - W |
| Inrush current | 27 A |
| Inrush time | 0.265 ms |
| Power Consumption | 16.9 W |
| Power Factor (Fraction) | 0.94 |
| Connection | Screw connection block 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B 18 | |

Temperature

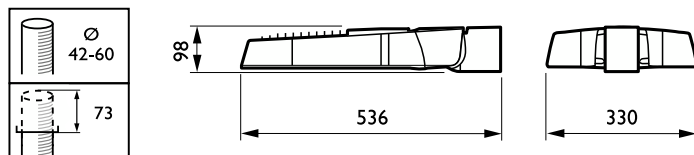
| | |
|---------------------------|---------------|
| Ambient temperature range | -30 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

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

Mechanical and Housing

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|------------------------|---------------------------|
| Housing Material | Aluminum |
| Reflector material | Polycarbonate |
| Optic material | Acrylate |
| Optical cover material | Tempered glass |
| Fixation material | Steel |
| Housing Color | Grey |
| Mounting device | Spigot for diameter 76 mm |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 536 mm |

Dimensional drawing

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|-------------------------------------|----------------------|
| Overall width | 330 mm |
| Overall height | 98 mm |
| Effective projected area | 0.029 m ² |
| Dimensions (Height x Width x Depth) | 98 x 330 x 536 mm |

Approval and Application

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|--|--|
| 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)

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|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.380, 0.380) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

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|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.5 % |
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Application Conditions

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|-------------------|----------------|
| Maximum dim level | Not applicable |
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Product Data

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|---------------------------------|-----------------------------------|
| Order product name | BGP303 LED25-4S/740 PSU I DM11 76 |
| Full product name | BGP303 LED25-4S/740 PSU I DM11 76 |
| Full product code | 871869934911000 |
| Order code | 910925864870 |
| Material Nr. (12NC) | 910925864870 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699349110 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699349110 |

