PHILIPS Lighting



Iridium² LED Medium

BGP352 ECO113-3S/740 II DK AL GR T15

Iridium² LED Medium, LED EconomyLine 11300 lm, 740 neutral white, Safety class II, Distribution wet road (DK), Grey

Iridium² is a family of road-lighting luminaires designed for performance and sustainability. Depending on the application and budget, customers can start with LED, electronic HID or a mix of both technologies with the same luminaire. Whatever the initial choice, Iridium²'s modularity allows customers to upgrade their installations (LED to LED or e-HID to LED) whenever they want, simply by changing the light engine. The integration of LEDGINE, brand new HID optics, electronic gear and controls is a response to the growing demand for energy savings. The new Iridium² HID optics are designed to deliver best-in-class lighting performance while offering tremendous flexibility in application. All these features, combined with Iridium²'s ease of installation and maintenance, ensure that customers enjoy low cost of ownership.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | ECO113 [LED EconomyLine 11300 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Photocell | - |
| 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 |
| | B10. Therefore, the median useful life (B50) |
| | value also represents the B10 value. |

| Light source engine type | LED |
|---------------------------|--|
| Product family code | BGP352 [Iridium ² LED Medium] |
| Lighting Technology | LED |
| Embedded control | - |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | - |
| EU RoHS compliant | No |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| | |

Iridium² LED Medium

| Luminous Flux | 9,833 lm |
|------------------------------------|----------------------------|
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 95 lm/W |
| Color rendering index (CRI) | 70 |
| Number of light sources | 48 |
| Light source color | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 52° x 102° |
| Optic type outdoor | Distribution wet road (DK) |
| | |

Operating and Electrical

| Input Voltage | 220 to 240 V |
|-------------------------|--|
| Line Frequency | 50 to 60 Hz |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 95 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Plug-in connector 3-pole Wieland/Adels |
| | compatible |
| Cable | - |

Number of products on MCB of 16 A type 8 в

Temperature

| remperature | |
|-------------------------------|------------------------------|
| Ambient temperature range | -25 to +25 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit regulating |
| Constant light output | No |
| | |

Mechanical and Housing

| Housing Material | Aluminum die cast |
|------------------------|------------------------------------|
| Reflector material | Acrylate |
| Optic material | Polycarbonate |
| Optical cover material | Tempered glass |
| Fixation material | Stainless steel |
| Housing Color | Grey |
| Mounting device | Universal for diameter 48 to 76 mm |
| Optical cover shape | Flat |

| Optical cover finish | Clear |
|--|---|
| Overall length | 751 mm |
| Overall width | 358 mm |
| Overall height | 183 mm |
| Effective projected area | 0.08 m² |
| Dimensions (Height x Width x Depth) | 183 x 358 x 751 mm |
| Parts color | All parts colored |
| 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) | Philips standard surge protection level |
| Protection class IEC | Safety class II |
| | |
| Initial Performance (IEC Compliant) | |
| 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 Compli | iant) |
| Control gear failure rate at median useful life 75000 h | 7.5 % |
| Lumen maintenance at median useful life' 75000 h | * L80 |
| Application Conditions | |
| Performance ambient temperature Tq | 15 °C |
| Product Data | |
| Order product name | BGP352 ECO113-3S/740 II DK AL GR T15 |
| Full product name | BGP352 ECO113-3S/740 II DK AL GR T15 |
| Full product code | 871829142478900 |
| Order code | 910925439557 |
| Material Nr. (12NC) | 910925439557 |
| Numerator - Quantity Per Pack | 1 |
| | |

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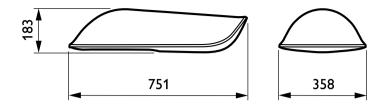
EAN/UPC - Product/Case

EAN/UPC - Case

Numerator - Packs per outer box

Iridium² LED Medium

Dimensional drawing





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