



DecoScene LED BBP623

BBP623 34xLED-HB/WW II NB GC GR RMR

DecoScene LED Accent, 34, LED High Brightness, Narrow beam, Clear glass, Recessed mounting box round

Whether floodlighting a piece of architecture or creating accent effects, for many designers the ideal luminaire would be invisible. With their recessed housings, inground floodlights are about as close as it gets to this ideal situation. DecoScene LED has been designed to deliver the optimal upward lighting effect — from high-powered floodlighting to more subtle effects such as accent lighting. Its unique collimating optic delivers a uniform light output. Round housing fits snugly into paving, concrete or grass, leaving the surface flush and unobtrusive during the day. The combination of the LED technology and best-in-class optics makes DecoScene LED a totally flexible solution — easy to install, no matter where, and creating a perfect lighting effect.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | LED-HB [LED High Brightness] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| 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. * At |
|--------------------------|---|
| | extreme ambient temperatures the luminaire |
| | might automatically dim down to protect |
| | components |
| Light source engine type | LED |
| Product family code | BBP623 [DecoScene LED Accent] |
| Lighting Technology | LED |
| Value ladder | Performance |
| Embedded control | - |
| CE mark | Yes |
| Warranty period | 3 years |
| | |

Datasheet, 2023, November 12 data subject to change

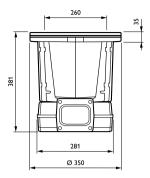
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| Flammability mark | |
|--|----------------------------------|
| ENEC mark | - ENEC month |
| | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |
| Light Tochnical | |
| Light Technical | 0.03 |
| Upward light output ratio | 0.03 |
| Luminous Flux | 3,427 lm |
| Standard tilt angle posttop | |
| Standard tilt angle side entry | 2700 // |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 63.5 lm/W |
| Color rendering index (CRI) | 34 |
| Number of light sources | Warm white |
| Light source color Optical cover type | Clear glass |
| Luminaire light beam spread | 12° |
| | Narrow beam |
| Optic type outdoor | Natiow Beath |
| Operating and Electrical | |
| Input Voltage | 100 to 277 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 35 A |
| Inrush time | 0.35 ms |
| Power Consumption | 54 W |
| Power Factor (Fraction) | 0.8 |
| Connection | - |
| Cable | Cable 3.0 m without plug |
| Number of products on MCB of 16 A type | 32 |
| В | |
| | |
| Temperature | |
| Ambient temperature range | -40 to +50 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Tempered glass |
| | |

| Fixation material | Steel |
|--|--|
| Housing Color | Gray |
| Mounting device | Recessed mounting box round |
| Optical cover shape | Convex lens |
| Optical cover finish | Clear |
| Overall height | 382 mm |
| Overall diameter | 350 mm |
| Effective projected area | O m² |
| | |
| Approval and Application | |
| Ingress protection code | IP67 [Dust penetration-protected, watertight] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 4 kV |
| | differential mode and 4 kV common mode |
| Sustainability rating | <u>-</u> |
| Protection class IEC | Safety class II |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.437, 0.420) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| 0 7 9 6 4555 | |
| Over Time Performance (IEC Compli | ` |
| Control gear failure rate at median useful | 10 % |
| life 100000 h | |
| Lumen maintenance at median useful life [*] | |
| 100000 h | 180 |
| 100000 h | 180 |
| | 180 |
| Application Conditions | |
| Application Conditions Performance ambient temperature Tq | 25 ℃ |
| Application Conditions | |
| Application Conditions Performance ambient temperature Tq | 25 ℃ |
| Application Conditions Performance ambient temperature Tq Maximum dim level | 25 ℃ |
| Application Conditions Performance ambient temperature Tq Maximum dim level Product Data | 25 °C Not applicable |
| Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name | 25 °C Not applicable BBP623 34xLED-HB/WW II NB GC GR RMR |
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Dimensional drawing





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