



DecoScene LED BBP623

BBP623 34xLED-HB/NW II A GC GR RMR

DecoScene LED Accent, 34, LED High Brightness, Asymmetrical, 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, in-ground 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 and ensures optimum color mixing. Square and round housings fit snugly into paving, concrete or grass, leaving the surface flush and unobtrusive during the day. The combination of the latest 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 |

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| | |
|-------------------|----------------------------------|
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |

Light Technical

| | |
|------------------------------------|---------------|
| Upward light output ratio | 0.03 |
| Luminous Flux | 4,250 lm |
| Standard tilt angle posttop | - |
| Standard tilt angle side entry | - |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 78.7 lm/W |
| Color rendering index (CRI) | 70 |
| Number of light sources | 34 |
| Light source color | Neutral white |
| Optical cover type | Clear glass |
| Luminaire light beam spread | 12° |
| Optic type outdoor | Asymmetrical |

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 B | 32 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °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 | - |
| 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 | 0 m² |

Approval and Application

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|--|--|
| 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 | - |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

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|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.367, 0.396) 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 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h | L80 |

Application Conditions

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|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

Product Data

| | |
|---------------------------------|------------------------------------|
| Order product name | BBP623 34xLED-HB/NW II A GC GR RMR |
| Full product name | BBP623 34xLED-HB/NW II A GC GR RMR |
| Full product code | 871829141909900 |
| Order code | 41909900 |
| Material Nr. (12NC) | 910403950612 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291419099 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291419099 |

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Dimensional drawing

