



DecoScene LED BBP623

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

BBP623 | DecoScene LED Accent - 34 - LED-HB | 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]	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 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	
Light source engine type	LED	
Product family code	BBP623 [DecoScene LED Accent]	
Lighting Technology	LED	
Value ladder	Performance	

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Embedded control	-
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Light Technical

Upward light output ratio	0.03
Luminous Flux	4,250 lumen
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/lens 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
Input Frequency	50 to 60 Hz
Power Consumption	54 W
Inrush current	35 A
Inrush time	0.35 ms
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
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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/lens material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Recessed mounting box round
Optical cover/lens shape	Convex lens

Optical cover/lens finish	Clear
Overall height	382 mm
Overall diameter	350 mm
Effective projected area	0 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	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	3 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

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)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

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

Product Data

Full product code	871829141905100
Order product name	BBP623 34xLED-HB/NW I A GC GR RMR
Order code	41905100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910403950212
Full product name	BBP623 34xLED-HB/NW I A GC GR RMR
EAN/UPC - Case	8718291419051



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Dimensional drawing

