



DecoScene LED BBP623

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

DecoScene LED Accent - 34 pcs - LED High Brightness -
Medium 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, 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. 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		Embedded control	
Number of light sources	34 pcs	Embedded control	-
Lamp family code	LED-HB [LED High Brightness]	Control interface	-
Lamp version	2S [2nd generation, screw fixation]	Connection	-
Light source color	Neutral white	Cable	Cable 3.0 m without plug
Light source replaceable	Yes	Protection class IEC	Safety class I
Number of gear units	1 unit	Shape	Round version - to be replaced by RND
Driver/power unit/transformer	Power supply unit	Coating	-
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Optical cover/lens type	Clear glass	Flammability mark	-
Luminaire light beam spread	24°	CE mark	CE mark
		ENEC mark	ENEC mark

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Green Flagship mark	Green Flagship
Lifetime to 70% luminous flux	50000 h
Warranty period	3 years
Mechanical accessories	-
Decorative accessories	-
Optic type outdoor	Medium beam
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
Constant light output	No
Number of products on MCB of 16 A type B	32
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BBP623 [DecoScene LED Accent]

Light technical

Upward light output ratio	0.03
Standard tilt angle posttop	-
Standard tilt angle side entry	-

Operating and electrical

Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz
Inrush current	35 A
Inrush time	0.35 ms
Power Factor (Min)	0.8

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Steel
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 m ²
Color	Gray
Dimensions (Height x Width x Depth)	382 x NaN x NaN mm (15 x NaN x NaN in)

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	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	4250 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	78.7 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.367, 0.396) SDCM <3
Initial input power	54 W
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

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product data

Full product code	871829141903700
Order product name	BBP623 34xLED-HB/NW I MB GC GR RMR
EAN/UPC - Product	8718291419037
Order code	910403950012
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910403950012
Copy Net Weight (Piece)	15.400 kg



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Dimensional drawing



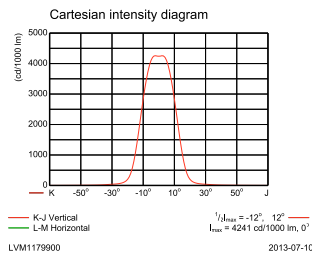
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Photometric data

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L.O.R.=0.72

34 x 126 lm



OFCC_BBP623 GC 34xLED-HB/NW MB-Cartesian Outdoor (combined)

