



DecoScene LED BBP623

BBP623 34xLED-HB/NW I 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, 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 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

Datasheet, 2023, October 9 data subject to change

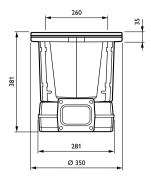
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Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	4,250 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated 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	32
В	
Temperature	
Ambient temperature range	-40 to +50 ℃
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
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Fixation material 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, waterfith 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 -	
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differential mode and 4 kV common mode Sustainability rating -	/
Sustainability rating -	
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Protection class IEC Safety class I	
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 $$ 10 $\%$	
life 100000 h	
Lumen maintenance at median useful life* L80	
100000 h	
Application Conditions	
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Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable	
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Dimensional drawing





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