



DecoScene LED BBP623

BBP623 34xLED-HB/NW I 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 and ensures optimum colour 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, 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	

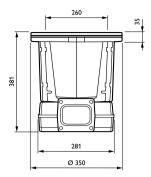
Datasheet, 2023, August 2 data subject to change

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Flammability mark	-	Fixation material	Steel
ENEC mark	ENEC mark	Housing Color	Gray
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Recessed mounting box round
EU RoHS compliant	Yes	Optical cover shape	Convex lens
		Optical cover finish	Clear
Light Technical		Overall height	382 mm
Upward light output ratio	0.03	Overall diameter	350 mm
Luminous Flux	4,250 lm	Effective projected area	O m²
Standard tilt angle posttop	-		
Standard tilt angle side entry	-	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP67 [Dust penetration-protected, watertig
Luminous Efficacy (rated) (Nom)	78.7 lm/W	Mech. impact protection code	IK10 [20 J vandal-resistant]
Color rendering index (CRI)	70	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Number of light sources	34		differential mode and 4 kV common mode
Light source color	Neutral white	Sustainability rating	-
Optical cover type	Clear glass	Protection class IEC	Safety class I
Luminaire light beam spread	12°		
Optic type outdoor	Narrow beam	Initial Performance (IEC Compliant)
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.367, 0.396) SDCM <3
nput Voltage	100 to 277 V	Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
Inrush current	35 A		
Inrush time	0.35 ms	Over Time Performance (IEC Compliant)	
Power Consumption	54 W	Control gear failure rate at median useful 10 %	
Power Factor (Fraction)	0.8	life 100000 h	
Connection	-	Lumen maintenance at median useful	L80
Cable	Cable 3.0 m without plug	life* 100000 h	
Number of products on MCB of 16 A typ	e 32		
В		Application Conditions	
		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	Not applicable
Ambient temperature range	-40 to +50 °C		
		Product Data	
Controls and Dimming		Order product name	BBP623 34xLED-HB/NW I NB GC GR RMR
Dimmable	No	Full product name	BBP623 34xLED-HB/NW I NB GC GR RMR
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code	871829141902000
Control interface	-	Order code	910403949912
Constant light output	No	Material Nr. (12NC)	910403949912
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718291419020
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	-	EAN/UPC - Case	8718291419020
Optic material	Polycarbonate		
Optical cover material	Tempered glass		

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Dimensional drawing





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