



DecoScene LED BBP623

BBP623 34xLED-HB/RGB I NB GF GR DMX RMR

DecoScene LED Accent, 34, LED High Brightness, Narrow beam, Glass frosted, Dynamic DMX, 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	Dynamic DMX	
CE mark	Yes	
Warranty period	3 years	

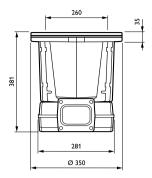
Datasheet, 2023, April 29 data subject to change

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Flammability mark	-	Housing Color	Grey
ENEC mark	ENEC mark	Mounting device	Recessed mounting box round
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Convex lens
EU RoHS compliant	Yes	Optical cover finish	Frosted
*****		Overall height	382 mm
Light Technical		Overall diameter	350 mm
Upward light output ratio	0.03	Effective projected area	0 m ²
Luminous Flux	2,300 lm	Enective projected area	
Standard tilt angle posttop	-	Approval and Application	
Standard tilt angle side entry		Ingress protection code	IP67 [Dust penetration-protected, watertight
Correlated Color Temperature (Nom)		Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Efficacy (rated) (Nom)	47.3 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
		Surge Protection (Common, Dimerential)	differential mode and 4 kV common mode
Color rendering index (CRI)	34	Protection class IEC	Safety class I
Number of light sources		Protection class IEC	Safety Class I
Light source color	Red, green and blue Glass frosted	Initial Performance (IEC Compliant)	
Optical cover type	12°		
Luminaire light beam spread		Luminous flux tolerance	+/-7%
Optic type outdoor	Narrow beam	Initial chromaticity	(0.465, 0.630) SDCM <3
O		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	100 to 277 V	Over Time Desferred to UES Servel	:
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compliant)	
Inrush current	35 A	Control gear failure rate at median useful	. 10 %
Inrush time	0.35 ms	life 100000 h	
Power Consumption	48.6 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.8	life* 100000 h	
Connection	-		
Cable	Cable 3.0 m without plug	Application Conditions	
Number of products on MCB of 16 A type	32	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	0% (digital)
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BBP623 34xLED-HB/RGB I NB GF GR DMX
			RMR
Controls and Dimming		Full product name	BBP623 34xLED-HB/RGB I NB GF GR DMX
Dimmable	Yes		RMR
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code	871829141918100
Control interface	Dynamix DMX	Order code	41918100
Constant light output	No	Material Nr. (12NC)	910403951512
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718291419181
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material		EAN/UPC - Case	8718291419181
Optic material	Polycarbonate		
Optical cover material	Tempered glass		

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Dimensional drawing





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