



DecoScene LED BBP623

BBP623 34xLED-HB/TWH II MB GF GR DMX RMR

DecoScene LED Accent, 34, LED High Brightness, Medium 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. 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		
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	

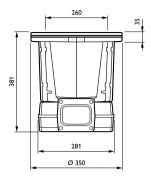
Datasheet, 2023, December 5 data subject to change

DecoScene LED BBP623

CE mark	Yes	Fixation material	Steel
Warranty period	3 years	Housing Color Mounting device	Grey
Flammability mark ENEC mark		Mounting device	Recessed mounting box round
	ENEC mark	Optical cover shape	Convex lens
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Frosted
EU RoHS compliant	Yes	Overall height	382 mm
		Overall diameter	350 mm
Light Technical	0.00	Effective projected area	O m²
Upward light output ratio	0.03	Assessed and Asselfantian	
Luminous Flux	3,910 lm	Approval and Application	
Standard tilt angle posttop		Ingress protection code	IP67 [Dust penetration-protected, watertight]
Standard tilt angle side entry	-	Mech. impact protection code	IK10 [20 J vandal-resistant]
Correlated Color Temperature (Nom)	2700 6500 K	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Luminous Efficacy (rated) (Nom)	72.4 lm/W		differential mode and 4 kV common mode
Color rendering index (CRI)	80	Protection class IEC	Safety class II
Number of light sources	34		V
Light source color	Tunable white	Initial Performance (IEC Compliant	<u>'</u>
Optical cover type	Glass frosted	Luminous flux tolerance	+/-7%
Luminaire light beam spread	24°	Initial chromaticity	(0.585, 0.595) SDCM <3
Optic type outdoor	Medium beam	Power consumption tolerance	+/-10%
		Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical			
Input Voltage	100 to 277 V	Over Time Performance (IEC Comp	liant)
Line Frequency	50 to 60 Hz	Control gear failure rate at median usefu	1 10 %
Inrush current	35 A	life 100000 h	
Inrush time	0.35 ms	Lumen maintenance at median useful	L80
Power Consumption	54 W	life* 100000 h	
Power Factor (Fraction)	0.8		
Connection		Application Conditions	
Cable	Cable 3.0 m without plug	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type	32	Maximum dim level	0% (digital)
В			
		Product Data	
Temperature		Order product name	BBP623 34xLED-HB/TWH II MB GF GR DMX
Ambient temperature range	-40 to +50 °C		RMR
		Full product name	BBP623 34xLED-HB/TWH II MB GF GR DMX
Controls and Dimming			RMR
Dimmable	Yes	Full product code	871829141931000
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	910403952812
Control interface	Dynamix DMX	Material Nr. (12NC)	910403952812
Constant light output	No	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718291419310
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718291419310
Reflector material	-		
Optic material	Polycarbonate		
Optical cover material	Tempered glass		

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Dimensional drawing





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