



DecoScene LED BBP623

BBP623 34xLED-HB/TWH I 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 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	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for

	example, the 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	

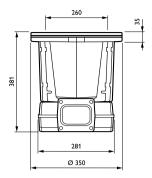
Datasheet, 2023, April 29 data subject to change

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CE mark	Yes	Fixation material	Steel	
Warranty period	3 years	Housing Colour	Grey	
Flammability mark	-	Mounting device	Recessed mounting box round	
ENEC mark	ENEC mark	Optical cover/lens shape	Convex lens	
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover/lens finish	Frosted	
EU RoHS compliant	Yes	Overall height	382 mm	
		Overall diameter	350 mm	
Light Technical		Effective projected area	0 m²	
Upwards light output ratio	0.03			
Luminous Flux	3,910 lm	Approval and Application		
Standard tilt angle post-top	-	Ingress protection code	IP67 [Dust penetration-protected, watertight]	
Standard tilt angle side entry	-	Mech. impact protection code	IK10 [20 J vandal-resistant]	
Correlated Colour Temperature	2700 6500 K	Surge Protection (Common/Differential)	Luminaire surge protection level up to 4 kV	
Luminous efficacy (rated) (nom.)	72.4 lm/W		differential mode and 4 kV common mode	
Colour rendering index (CRI)	80	Protection class IEC	Safety class I	
Number of light sources	34			
Light source colour	Tunable white	Initial Performance (IEC Compliant)	
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	Over Time Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Control gear failure rate at median usefu	l 10 %	
Inrush current	35 A	life 100,000 h		
Inrush time	0.35 ms	Lumen maintenance at median useful	L80	
Power Consumption	54 W	life* 100,000 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 I MB GF GR DMX	
Ambient temperature range	-40 to +50 °C		RMR	
		Full product name	BBP623 34xLED-HB/TWH I MB GF GR DMX	
Controls and Dimming		_	RMR	
Dimmable	Yes	Full EOC	871829141927300	
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	41927300	
Control interface	Dynamix DMX	Material no. (12 NC)	910403952412	
Constant light output	No	SAP numerator – quantity per pack	1	
		EAN/UPC — Product/Case	8718291419273	
Mechanical and Housing		Numerator – packs per outer box	1	
Housing material	Aluminium	EAN/UPC - Case	8718291419273	
Reflector material	-	_		
Optic material	Polycarbonate	_		
Optical cover/lens material	Tempered glass	_		
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Dimensional drawing





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