



# DecoScene LED BBP623

# BBP623 34xLED-HB/RGB 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 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	

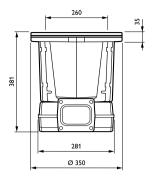
Datasheet, 2023, April 29 data subject to change

## **DecoScene LED BBP623**

CE mark	Yes	Fixation material	Steel
Warranty period	3 years	Housing Color	
Flammability mark	3 years	Mounting device	Grey  Recessed mounting box round
ENEC mark	ENEC mark	Optical cover shape	Convex lens
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	Frosted
	<del> </del>		
EU RoHS compliant	Yes	Overall History	382 mm
Light Taskwical		Overall diameter	350 mm
Light Technical	0.03	Effective projected area	O m²
Upward light output ratio	0.03	Annual and Analization	
Luminous Flux	2,300 lm	Approval and Application	IDC7 ID. of a section must standstantishti
Standard tilt angle posttop	<u></u>	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)	-	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Luminous Efficacy (rated) (Nom)	47.3 lm/W	Bush of an along IEC	differential mode and 4 kV common mode
Color rendering index (CRI)	- 24	Protection class IEC	Safety class I
Number of light sources	34	Initial Performance (IEC Compliant)	
Light source color	Red, green and blue	Initial Performance (IEC Compliant)  Luminous flux tolerance	
Optical cover type	Glass frosted		+/-7%
Luminaire light beam spread	24°	Initial chromaticity	(0.465, 0.630) SDCM <3
Optic type outdoor	Medium beam	Power consumption tolerance	+/-10%
		Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical	400 : 2771/	Over Time Devicements (IEC Comm	liam#\
Input Voltage	100 to 277 V	Over Time Performance (IEC Comp	<u> </u>
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	1 10 %
Inrush current	35 A	Lumen maintenance at median useful	L80
Inrush time	0.35 ms	life* 100000 h	Lou
Power Consumption	48.6 W	1110 1000011	
Power Factor (Fraction)	0.8	Application Conditions	
Connection	Cohla 2.0 va without alve	Performance ambient temperature Tq	25 ℃
Cable	Cable 3.0 m without plug	Maximum dim level	0% (digital)
Number of products on MCB of 16 A type  B	32	- Haximum dim tevet	Ungital)
В		Product Data	
Temperature		Order product name	BBP623 34xLED-HB/RGB I MB GF GR DMX
Temperature  Ambient temperature range	-40 to +50 °C	o. acr product name	RMR
Ambient temperature range		Full product name	BBP623 34xLED-HB/RGB I MB GF GR DMX
Controls and Dimming			RMR
Dimmable	Yes	Full product code	871829141919800
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	41919800
Control interface	Dynamix DMX	Material Nr. (12NC)	910403951612
Constant light output	No No	Numerator - Quantity Per Pack	1
Constant ugnic output	110	EAN/UPC - Product/Case	8718291419198
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718291419198
Reflector material		,	
	Polycarbonate		
Optic material			
Optical cover material	Tempered glass		

## **DecoScene LED BBP623**

### Dimensional drawing





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