



# 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 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. $^{\ast}$ 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

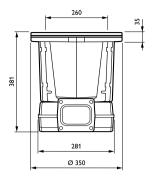
Datasheet, 2023, April 29 data subject to change

## **DecoScene LED BBP623**

Flammability mark	-	Housing Colour	Grey
ENEC mark	ENEC mark	Mounting device	Recessed mounting box round
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover/lens shape	Convex lens
EU RoHS compliant	Yes	Optical cover/lens finish	Frosted
		Overall height	382 mm
Light Technical		Overall diameter	350 mm
Upwards light output ratio	0.03	Effective projected area	O m²
Luminous Flux	2,300 lm		
Standard tilt angle post-top		Approval and Application	
Standard tilt angle side entry		Ingress protection code	IP67 [Dust penetration-protected, watertight]
Correlated Colour Temperature		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 up to 4 kV
Colour rendering index (CRI)			differential mode and 4 kV common mode
Number of light sources	34	Protection class IEC	Safety class I
Light source colour	Red, green and blue		
Optical cover type	Glass frosted	Initial Performance (IEC Compliant)	
Luminaire light beam spread	12°	Luminous flux tolerance	+/-7%
Optic type outdoor	Narrow beam	Initial chromaticity	(0.465, 0.630) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	100 to 277 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compl	iant)
Inrush current	35 A	Control gear failure rate at median useful	10 %
Inrush time	0.35 ms	life 100,000 h	
Power Consumption	48.6 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.8	life* 100,000 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 EOC	871829141918100
Control interface	Dynamix DMX	Order code	41918100
Constant light output	No No	Material no. (12 NC)	910403951512
		SAP numerator – quantity per pack	1
Mechanical and Housing		EAN/UPC — Product/Case	8718291419181
Housing material	Aluminium	Numerator – packs per outer box	1
Reflector material	-	EAN/UPC - Case	8718291419181
Optic material	Polycarbonate	,	
<u> </u>			
Optical cover/lens material	Tempered glass		
Fixation material	Steel		

## **DecoScene LED BBP623**

### Dimensional drawing





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