



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 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

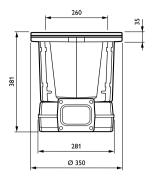
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	· ·	
CE mark	Yes	Fixation
Warranty period	3 years	Housing
Flammability mark	-	Mounting
ENEC mark	ENEC mark	Optical c
Glow-wire test	Temperature 650 °C, duration 5 s	Optical c
EU RoHS compliant	Yes	Overall h
		Overall d
Light Technical		Effective
Upwards light output ratio	0.03	_
Luminous Flux	2,300 lm	Approv
Standard tilt angle post-top	-	Ingress p
Standard tilt angle side entry	-	Mech. im
Correlated Colour Temperature	-	Surge Pro
Luminous efficacy (rated) (nom.)	47.3 lm/W	
Colour rendering index (CRI)	-	Protection
Number of light sources	34	
Light source colour	Red, green and blue	Initial P
Optical cover type	Glass frosted	Luminou
Luminaire light beam spread	24°	Initial ch
Optic type outdoor	Medium beam	Power co
		Init. Colo
Operating and Electrical		
Input Voltage	100 to 277 V	Over Ti
Line Frequency	50 to 60 Hz	Control g
Inrush current	35 A	life 100,0
Inrush time	0.35 ms	Lumen m
Power Consumption	48.6 W	life* 100
Power Factor (Fraction)	0.8	
Connection	-	Applica
Cable	Cable 3.0 m without plug	Performa
Number of products on MCB of 16 A type	32	Maximur
В		
		Product
Temperature		Order pr
Ambient temperature range	-40 to +50 °C	
		Full prod
Controls and Dimming		
Dimmable	Yes	Full EOC
Driver/power unit/transformer	Power supply unit (On/Off)	Order co
Control interface	Dynamix DMX	Material
Constant light output	No	SAP num
<u> </u>		EAN/UP
Mechanical and Housing		Numerat
Housing material	Aluminium	EAN/UP
Reflector material	_	
Optic material	Polycarbonate	
<u> </u>		
Optical cover/lens material	Tempered glass	

Fixation material	Steel
Housing Colour	Grey
Mounting device	Recessed mounting box round
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Frosted
Overall height	382 mm
Overall diameter	350 mm
Effective projected area	0 m²
Approval and Application	
Ingress protection code	IP67 [Dust penetration-protected, watertight]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 4 kV
	differential mode and 4 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliant))
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.465, 0.630) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	liant)
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful	L80
life* 100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Product Data	
Order product name	BBP623 34xLED-HB/RGB I MB GF GR DMX
	RMR
Full product name	BBP623 34xLED-HB/RGB I MB GF GR DMX
	RMR
Full EOC	871829141919800
Order code	41919800
Material no. (12 NC)	910403951612
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291419198
Numerator – packs per outer box	1
EAN/UPC - Case	8718291419198

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Dimensional drawing





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