



DecoScene LED BBP623

BBP623 34xLED-HB/RGB I WB GF GR DMX RMR

DecoScene LED Accent, 34, LED High Brightness, Wide 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
LED
BBP623 [DecoScene LED Accent]
LED
Performance
Dynamic DMX
Yes
3 years

Datasheet, 2023, April 29 data subject to change

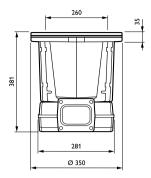
DecoScene LED BBP623

Flammability mark	-	Housing Colour
ENEC mark	ENEC mark	Mounting device
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover/len
EU RoHS compliant	Yes	Optical cover/len
		Overall height
Light Technical		Overall diameter
Upwards light output ratio	0.03	Effective projecte
Luminous Flux	2,300 lm	
Standard tilt angle post-top	=	Approval and A
Standard tilt angle side entry	=	Ingress protection
Correlated Colour Temperature	-	Mech. impact pro
Luminous efficacy (rated) (nom.)	47.3 lm/W	Surge Protection
Colour rendering index (CRI)	-	
Number of light sources	34	Protection class I
Light source colour	Red, green and blue	
Optical cover type	Glass frosted	Initial Perform
Luminaire light beam spread	38°	Luminous flux tol
Optic type outdoor	Wide beam	Initial chromatici
		Power consumpti
Operating and Electrical		Init. Color Render
Input Voltage	100 to 277 V	
Line Frequency	50 to 60 Hz	Over Time Perf
Inrush current	35 A	Control gear failu
Inrush time	0.35 ms	life 100,000 h
Power Consumption	48.6 W	Lumen maintena
Power Factor (Fraction)	0.8	life* 100,000 h
Connection	-	
Cable	Cable 3.0 m without plug	Application Co
Number of products on MCB of 16 A ty		Performance amb
В		Maximum dim lev
Temperature		Product Data
Ambient temperature range	-40 to +50 °C	Order product na
		
Controls and Dimming		Full product name
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit (On/Off)	Full EOC
Control interface	Dynamix DMX	Order code
Constant light output	No	Material no. (12 N
		SAP numerator –
Mechanical and Housing		EAN/UPC — Proc
Housing material	Aluminium	Numerator – pac
Reflector material	-	EAN/UPC - Case
Optic material	Polycarbonate	
Optical cover/lens material	Tempered glass	
Fixation material	Steel	
FIXALIUH HIALEHAL	Steet	

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 Comp	liant)
Control gear failure rate at median useful	1 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 WB GF GR DMX
	RMR
Full product name	BBP623 34xLED-HB/RGB I WB GF GR DMX
	RMR
Full EOC	871829141920400
Order code	41920400
Material no. (12 NC)	910403951712
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291419204
Numerator – packs per outer box	1
EAN/UPC - Case	8718291419204

DecoScene LED BBP623

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.