



DecoScene LED BBP623

BBP623 34xLED-HB/WW I WB GC GR RMR

DecoScene LED Accent, 34, LED High Brightness, Wide beam, Clear glass, 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	-
CE mark	Yes

Datasheet, 2023, April 14 data subject to change

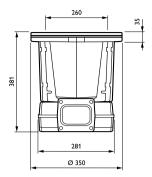
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Warranty period	3 years	Fixation materi
Flammability mark	-	Housing Colour
ENEC mark	ENEC mark	Mounting device
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover/le
EU RoHS compliant	Yes	Optical cover/le
		Overall height
Light Technical		Overall diamete
Upwards light output ratio	0.03	Effective projec
Luminous Flux	3,427 lm	
Standard tilt angle post-top	-	Approval and
Standard tilt angle side entry	-	Ingress protect
Correlated Colour Temperature	2700 K	Mech. impact p
Luminous efficacy (rated) (nom.)	63.5 lm/W	Surge Protection
Colour rendering index (CRI)	80	
Number of light sources	34	Sustainability r
Light source colour	Warm white	Protection class
Optical cover type	Clear glass	
Luminaire light beam spread	38°	Initial Perform
Optic type outdoor	Wide beam	Luminous flux t
		Initial chromati
Operating and Electrical		Power consump
Input Voltage	100 to 277 V	Init. Color Rend
Line Frequency	50 to 60 Hz	
Inrush current	35 A	Over Time Pe
Inrush time	0.35 ms	Control gear fa
Power Consumption	54 W	life 100,000 h
Power Factor (Fraction)	0.8	Lumen mainter
Connection	-	100,000 h
Cable	Cable 3.0 m without plug	
Number of products on MCB of 16 A type	32	Application C
В		Performance ar
		Maximum dim l
Temperature		
Ambient temperature range	-40 to +50 °C	Product Data
		Order product r
Controls and Dimming		Full product na
Dimmable	No	Full EOC
Driver/power unit/transformer	Power supply unit (On/Off)	Order code
Control interface	-	Material no. (12
Constant light output	No	SAP numerator
		EAN/UPC — Pr
Mechanical and Housing		Numerator – pa
Housing material	Aluminium	EAN/UPC - Cas
Reflector material	-	
Optic material	Polycarbonate	
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	Clear
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
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.437, 0.420) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	L80
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BBP623 34xLED-HB/WW I WB GC GR RMR
Full product name	BBP623 34xLED-HB/WW I WB GC GR RMR
Full EOC	871829141912900
Order code	41912900
Material no. (12 NC)	910403950912
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291419129
Numerator – packs per outer box	1
EAN/UPC - Case	8718291419129

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Dimensional drawing





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