



# DecoScene LED BBP623

# BBP623 34xLED-HB/NW 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
Warranty period	3 years

Datasheet, 2023, April 16 data subject to change

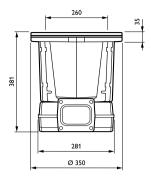
## **DecoScene LED BBP623**

Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
- Lo Koris computant	163
Light Technical	
Upwards light output ratio	0.03
Luminous Flux	4,250 lm
Standard tilt angle post-top	
Standard tilt angle side entry	4000 K
Correlated Colour Temperature	
Luminous efficacy (rated) (nom.)	78.7 lm/W
Colour rendering index (CRI)	70
Number of light sources	Noutral white
Light source colour Optical cover type	Neutral white
Optical cover type	Clear glass 38°
Luminaire light beam spread	
Optic type outdoor	Wide beam
Operating and Electrical	
<del></del>	100 to 277 V
Input Voltage	100 to 277 V 50 to 60 Hz
Line Frequency Inrush current	35 A
Inrush time	0.35 ms
	54 W
Power Consumption	0.8
Power Factor (Fraction)  Connection	0.0
Cable	Cable 3.0 m without plug
	Cable 3.0 m without plug
Number of products on MCB of 16 A type  B	32
Temperature	
Ambient temperature range	-40 to +50 °C
Ambient temperature range	40 10 150 C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	_
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Optical cover/tens material	rempered 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	(0.367, 0.396) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	iant)
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	N1 - 4 12 1-1 -
•	Not applicable
	not applicable
Product Data	Not applicable
Product Data Order product name	BBP623 34xLED-HB/NW I WB GC GR RMR
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Order product name Full product name Full EOC	BBP623 34xLED-HB/NW I WB GC GR RMR BBP623 34xLED-HB/NW I WB GC GR RMR 871829141904400
Order product name  Full product name  Full EOC  Order code	BBP623 34xLED-HB/NW I WB GC GR RMR BBP623 34xLED-HB/NW I WB GC GR RMR 871829141904400 41904400
Order product name Full product name Full EOC Order code Material no. (12 NC)	BBP623 34xLED-HB/NW I WB GC GR RMR BBP623 34xLED-HB/NW I WB GC GR RMR 871829141904400 41904400 910403950112
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	BBP623 34xLED-HB/NW I WB GC GR RMR BBP623 34xLED-HB/NW I WB GC GR RMR 871829141904400 41904400 910403950112
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## **DecoScene LED BBP623**

### Dimensional drawing





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