



# DecoScene LED BBP623

# BBP623 34xLED-HB/WW I NB GC GR RMR

DecoScene LED Accent, 34, LED High Brightness, Narrow 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 color 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, and 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	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	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	-
CE mark	Yes
Warranty period	3 years

Datasheet, 2023, October 9 data subject to change

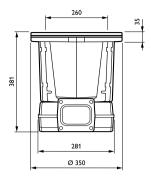
## **DecoScene LED BBP623**

Flammability mark -	
	NEC mark
-	emperature 650 °C, duration 5 s
EU RoHS compliant	
·	
Light Technical	
	03
	427 lm
Standard tilt angle posttop -	
Standard tilt angle side entry -	
	700 K
	3.5 lm/W
Color rendering index (CRI) 80	
Number of light sources 34	
	arm white
	ear glass
Luminaire light beam spread 12	
	arrow beam
Operating and Electrical	
	00 to 277 V
	) to 60 Hz
	5 A
	35 ms
	1 W
Total Consumption	· ··-
Power Factor (Fraction)	8
Power Factor (Fraction) 0.  Connection -	8
Connection -	
Connection - Cable Co	able 3.0 m without plug
Connection -	able 3.0 m without plug
Connection - Cable Cable Number of products on MCB of 16 A type 32	able 3.0 m without plug
Cable Cable Cable Sumber of products on MCB of 16 A type Cable B	able 3.0 m without plug
Connection - Cable Cable Cable Sumber of products on MCB of 16 A type 32 B  Temperature	able 3.0 m without plug
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Connection - Cable	able 3.0 m without plug
Connection - Cable	able 3.0 m without plug 2  10 to +50 °C
Connection - Cable	able 3.0 m without plug  2  30 to +50 °C  Dower supply unit (On/Off)
Connection - Cable	able 3.0 m without plug  2  30 to +50 °C  Dower supply unit (On/Off)
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Fixation material	Steel
Housing Color	Gray
Mounting device	Recessed mounting box round
Optical cover shape	Convex lens
Optical cover 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 until 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 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BBP623 34xLED-HB/WW I NB GC GR RMR
Full product name	BBP623 34xLED-HB/WW I NB GC GR RMR
Full product code	871829141910500
Order code	41910500
Material Nr. (12NC)	910403950712
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291419105
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291419105

## **DecoScene LED BBP623**

### Dimensional drawing





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