



# 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 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

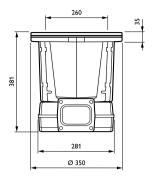
## **DecoScene LED BBP623**

3 years
ENEC mark
Temperature 650 °C, duration 5 s
Yes
0.03
3,427 lm
-
-
2700 K
63.5 lm/W
80
34
Warm white
Clear glass
12°
Narrow beam
100 to 277 V
50 to 60 Hz
50 to 60 Hz 35 A
35 A
35 A 0.35 ms
35 A 0.35 ms 54 W
35 A 0.35 ms 54 W
35 A 0.35 ms 54 W 0.8
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C  No Power supply unit (On/Off)
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C  No Power supply unit (On/Off)
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C  No Power supply unit (On/Off)
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32 -40 to +50 °C  No Power supply unit (On/Off) - No Aluminium -
35 A 0.35 ms 54 W 0.8 - Cable 3.0 m without plug 32  -40 to +50 °C  No Power supply unit (On/Off) - No

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	O 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	L80
life* 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 NB GC GR RMR
Full product name	BBP623 34xLED-HB/WW I NB GC GR RMR
Full EOC	871829141910500
Order code	41910500
Material no. (12 NC)	910403950712
SAP 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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