

DecoScene LED BBP623

BBP623 34xLED-HB/TWH I NB GF GR DMX RMR

DecoScene LED Accent, 34, LED High Brightness, Narrow 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, in-ground 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	Dynamic DMX
CE mark	Yes
Warranty period	3 years

DecoScene LED BBP623

Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Upwards light output ratio	0.03
Luminous Flux	3,910 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	2700 6500 K
Luminous efficacy (rated) (nom.)	72.4 lm/W
Colour rendering index (CRI)	80
Number of light sources	34
Light source colour	Tunable white
Optical cover type	Glass frosted
Luminaire light beam spread	12°
Optic type outdoor	Narrow beam

Operating and Electrical

Input Voltage	100 to 277 V
Line Frequency	50 to 60 Hz
Inrush current	35 A
Inrush time	0.35 ms
Power Consumption	54 W
Power Factor (Fraction)	0.8
Connection	-
Cable	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

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	Dynamix DMX
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
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	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	(0.585, 0.595) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions

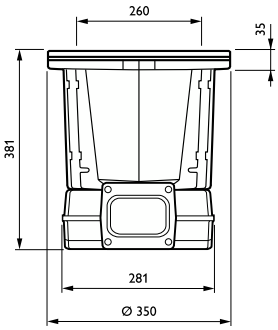
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

Product Data

Order product name	BBP623 34xLED-HB/TWH I NB GF GR DMX RMR
Full product name	BBP623 34xLED-HB/TWH I NB GF GR DMX RMR
Full EOC	871829141926600
Order code	41926600
Material no. (12 NC)	910403952312
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291419266
Numerator – packs per outer box	1
EAN/UPC - Case	8718291419266

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Dimensional drawing



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