

DecoScene LED BBP621

BBP621 15xLED-HB/NW I WB GC GR RMR

DecoScene LED Accent - 15 pcs - 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, 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 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	
Number of light sources	15 [15 pcs]
Lamp family code	LED-HB [LED High Brightness]
Lamp version	2S [2nd generation, screw fixation]
Light source colour	Neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	GC [Clear glass]

Luminaire light beam spread	38°
Embedded control	No [-]
Control interface	-
Connection	No [-]
Cable	Cable 3.0 m without plug (C3K)
Protection class IEC	Safety class I (I)
Luminaire shape	Round version - to be replaced by RND
Coating	-
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	NO [-]

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CE mark	CE mark
ENEC mark	ENEC mark
Green flagship mark	Green Flagship
Lifetime to 70% luminous flux	50000 h
Warranty period	5 years
Mechanical accessories	No [-]
Decorative accessories	No [-]
Outdoor optic type	Wide beam
Constant light output	No
Number of products on MCB	32
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BBP621 [DecoScene LED Accent]

Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	100 to 277 V
Input frequency	50 to 60 Hz
Inrush current	35 A
Inrush time	0.35 ms
Power factor (min.)	0.8

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	RMR [Recessed mounting box round]
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall height	430 mm
Overall diameter	200 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]

Initial Performance (IEC Compliant)

Initial luminous flux	1875 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	67.0 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.367, 0.396) SDCM <3
Initial input power	28 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.05 %
Useful life L80B10	100000 h

Application Conditions

Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871829141880100
Order product name	BBP621 15xLED-HB/NW I WB GC GR RMR
EAN/UPC – product	8718291418801
Order code	41880100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910403947712
Net weight (piece)	7.500 kg



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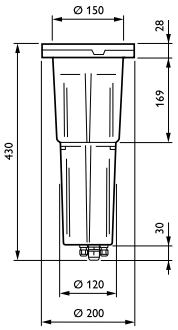
Dimensional drawing



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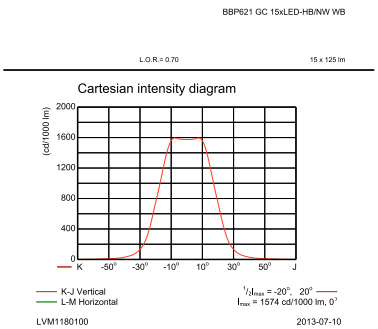
Photometric data



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