



DecoScene LED BBP621

BBP621 15xLED-HB/RGB II WB GF GR DMX RMR

DecoScene LED Accent, 15, LED High Brightness, Wide 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, 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. * At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BBP621 [DecoScene LED Accent]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Dynamic DMX
CE mark	Yes
Warranty period	3 years

Datasheet, 2023, April 29 data subject to change

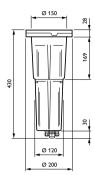
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Clammability may!		Housing Color
Flammability mark ENEC mark	ENEC mark	Housing Color Mounting device
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	Optical cover shape Optical cover finish
EO NOTIS COMPLIANT	163	Overall height
Light Technical		Overall diameter
Upward light output ratio	0.03	Effective projected area
Luminous Flux	1.329 lm	
Standard tilt angle posttop	-	Approval and Application
Standard tilt angle side entry	_	Ingress protection code
Correlated Color Temperature (Nom)		Mech. impact protection code
Luminous Efficacy (rated) (Nom)	53.4 lm/W	Surge Protection (Common/Different
Color rendering index (CRI)	-	
Number of light sources	15	Protection class IEC
Light source color	Red, green and blue	
Optical cover type	Glass frosted	Initial Performance (IEC Compli
Luminaire light beam spread	38°	Luminous flux tolerance
Optic type outdoor	Wide beam	Initial chromaticity
	Mac Sea	Power consumption tolerance
Operating and Electrical		Init. Color Rendering Index Tolerance
Input Voltage	100 to 277 V	
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Co
Inrush current	35 A	Control gear failure rate at median us
Inrush time	0.35 ms	life 100000 h
Power Consumption	24.9 W	Lumen maintenance at median usefu
Power Factor (Fraction)	0.8	life* 100000 h
Connection	-	
Cable	Cable 3.0 m without plug	Application Conditions
Number of products on MCB of 16 A type		Performance ambient temperature T
В		Maximum dim level
Temperature		Product Data
Ambient temperature range	-40 to +50 °C	Order product name
		Edl was door to some
Controls and Dimming	· ·	Full product name
Dimmable	Yes	Full product code
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code Order code
Control interface	Dynamix DMX	Order code Material Nr. (12NC)
Constant light output	No	Material Nr. (12NC)
NA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Numerator - Quantity Per Pack EAN/UPC - Product/Case
Mechanical and Housing		Numerator Packs per outer box
Housing Material	Aluminum	Numerator - Packs per outer box
Reflector material	-	EAN/UPC - Case
Optic material	Polycarbonate	
Optical cover material	Tempered glass	
Fixation material	Steel	

Housing Color	Grey
Mounting device	Recessed mounting box round
Optical cover shape	Convex lens
Optical cover finish	Frosted
Overall height	430 mm
Overall diameter	200 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 until 4 kV
	differential mode and 4 kV common mode
Protection class IEC	Safety class II
Initial Performance (IEC Compliant))
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.465, 0.630) SDCM <3
	+/-10%
Power consumption tolerance	
Power consumption tolerance Init. Color Rendering Index Tolerance Over Time Performance (IEC Complete Control gear failure rate at median useful	•
Over Time Performance (IEC Complete Indicated	iant)
Over Time Performance (IEC Compi Control gear failure rate at median useful life 100000 h	i iant) 10 %
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Init. Color Rendering Index Tolerance Over Time Performance (IEC Complete Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80 25 °C 0% (digital) BBP621 15xLED-HB/RGB II WB GF GR DMX
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Dimensional drawing





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