



# **DecoScene LED BBP621**

# BBP621 15xLED-HB/TWH I NB GF GR DMX RMR

DecoScene LED Accent, 15, 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, 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. Round housing fits snugly into paving, concrete or grass, leaving the surface flush and unobtrusive during the day. The combination of the 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 luminair	
	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	

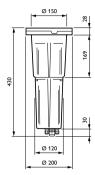
Datasheet, 2023, December 5 data subject to change

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Flammability mark	-	Housing Color	Grey	
ENEC mark	ENEC mark	Mounting device	Recessed mounting box round	
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	Convex lens	
EU RoHS compliant	Yes	Optical cover finish	Frosted	
		Overall height	430 mm	
Light Technical		Overall diameter	200 mm	
Upward light output ratio	0.03	Effective projected area	0 m²	
Luminous Flux	1,725 lm			
Standard tilt angle posttop		Approval and Application		
Standard tilt angle side entry	_	Ingress protection code	IP67 [Dust penetration-protected, watertight	
Correlated Color Temperature (Nom)	2700 6500 K	Mech. impact protection code	IK10 [20 J vandal-resistant]	
Luminous Efficacy (rated) (Nom)	61.6 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV	
Color rendering index (CRI)	80		differential mode and 4 kV common mode	
Number of light sources	15	Protection class IEC	Safety class I	
Light source color	Tunable white			
Optical cover type	Glass frosted	Initial Performance (IEC Compliant	)	
Luminaire light beam spread	12°	Luminous flux tolerance	+/-7%	
Optic type outdoor	Narrow beam	Initial chromaticity	(0.585, 0.595) SDCM <3	
		Power consumption tolerance	+/-10%	
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2	
Input Voltage	100 to 277 V	<u> </u>		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Comp	liant)	
Inrush current	35 A	Control gear failure rate at median usefu	Control gear failure rate at median useful $$ 10 $\%$	
Inrush time	0.35 ms	life 100000 h		
Power Consumption	28 W	Lumen maintenance at median useful	L80	
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 typ	ne 32	Performance ambient temperature Tq	25 ℃	
В		Maximum dim level	0% (digital)	
Temperature		Product Data		
Ambient temperature range	-40 to +50 ℃	Order product name	BBP621 15xLED-HB/TWH I NB GF GR DMX	
			RMR	
Controls and Dimming		Full product name	BBP621 15xLED-HB/TWH I NB GF GR DMX	
Dimmable	Yes		RMR	
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code	871829141896200	
Control interface	Dynamix DMX	Order code	910403949312	
Constant light output	No	Material Nr. (12NC)	910403949312	
		Numerator - Quantity Per Pack	1	
Mechanical and Housing		EAN/UPC - Product/Case	8718291418962	
Housing Material	Aluminum	Numerator - Packs per outer box	1	
Reflector material		EAN/UPC - Case	8718291418962	
Optic material	Polycarbonate			
Optical cover material	Tempered glass			
Fixation material	Steel	<u></u>		

## **DecoScene LED BBP621**

### Dimensional drawing





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