



# **DecoScene LED BBP621**

# BBP621 15xLED-HB/RGB 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 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		

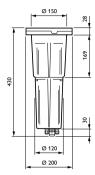
Datasheet, 2023, December 5 data subject to change

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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	O m²
Luminous Flux	1,329 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)	-	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Efficacy (rated) (Nom)	53.4 lm/W	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Color rendering index (CRI)	-		differential mode and 4 kV common mode
Number of light sources	15	Protection class IEC	Safety class I
Light source color	Red, green and blue		
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	(0.465, 0.630) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	100 to 277 V	-	
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Comp	liant)
Inrush current	35 A	Control gear failure rate at median	10 %
Inrush time	0.35 ms	useful life 100000 h	
Power Consumption	24.9 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	<b>e</b> 32	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	0% (digital)
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BBP621 15xLED-HB/RGB I NB GF GR DMX
			RMR
Controls and Dimming		Full product name	BBP621 15xLED-HB/RGB I NB GF GR DMX
Dimmable	Yes		RMR
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code	871829141890000
Control interface	Dynamix DMX	Order code	910403948712
Constant light output	No	Material Nr. (12NC)	910403948712
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718291418900
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	-	EAN/UPC - Case	8718291418900
Optic material	Polycarbonate		
Optical cover material	Tempered glass	-	
Fixation material	Steel	_	
		-	

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### Dimensional drawing





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