**PHILIPS** Lighting



# **DecoScene LED BBP623**

## BBP623 34xLED-HB/TWH II MB GF GR DMX RMR

DecoScene LED Accent, 34, LED High Brightness, Medium 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 highpowered 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	BBP623 [DecoScene LED Accent]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Dynamic DMX

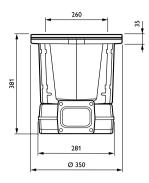
## DecoScene LED BBP623

CE mark	Yes	
Warranty period	3 years	
Flammability mark ENEC mark	- ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	
	165	
Light Technical		
Upward light output ratio	0.03	
Luminous Flux	3,910 lm	
Standard tilt angle posttop	-	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	2700 6500 K	
Luminous Efficacy (rated) (Nom)	72.4 lm/W	
Color rendering index (CRI)	80	
Number of light sources	34	
Light source color	Tunable white	
Optical cover type	Glass frosted	
Luminaire light beam spread	24°	
Optic type outdoor	Medium 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	32	
В		
Temperature		
Ambient temperature range	-40 to +50 ℃	
Controls and Dimension		
Controls and Dimming	Vec	
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	Dynamix DMX	
Constant light output	No	
Mechanical and Housing		
	Aluminum	
Housing Material Reflector material	-	
	-	
Optic material	Polycarbonate	

Fixation material	Steel
Housing Color	Grey
Mounting device	Recessed mounting box round
Optical cover shape	Convex lens
Optical cover 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 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	(0.585, 0.595) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	. 10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Product Data	
Order product name	BBP623 34xLED-HB/TWH II MB GF GR DMX
	RMR
Full product name	BBP623 34xLED-HB/TWH II MB GF GR DMX
	RMR
Full product code	871829141931000
Order code	41931000
Material Nr. (12NC)	910403952812
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291419310
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291419310
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## DecoScene LED BBP623

#### Dimensional drawing





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