



UNIdot

BGS301 18xLED-HB-RGB 24V D90

UNIdot, 109 lm, 4.8 W, Red, green and blue, Dynamix DMX,
Safety class III

The right façade lighting enhances the ambiance of any space and sparks imagination. Philips UNIdot is just one of the latest innovations in LED lighting that lets you create that perfect atmosphere both for the outdoor and the indoor. Dreamy starry nights, and captivating urban landscapes are all made possible with the smart Philips UNIdot LED lighting system. Flexible and modular, UNIdot lights can be affixed on any challenging façade, fulfilling the most creative lighting design brief. Available in dimmable color options, with light intensity that is easy to adjust, this makes a great replacement for conventional solutions in terms of performance, versatility, light quality and energy savings.

Product data

General Information			
Light source replaceable	No	Standard tilt angle posttop	-
Number of gear units	1 unit	Standard tilt angle side entry	-
Driver included	No	Correlated Color Temperature (Nom)	-
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	23 lm/W
Lighting Technology	LED	Color rendering index (CRI)	-
CE mark	-	Light source color	Red, green and blue
Warranty period	3 years	Optical cover type	Polycarbonate bowl/cover frosted
Flammability mark	For mounting on normally flammable surfaces	Operating and Electrical	
ENEC mark	-	Input Voltage	24 DC V
EU RoHS compliant	Yes	Power Consumption	4.8 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	109 lm	Connection	Flying leads/wires

Cable	Cable 0.3 m without plug
Temperature	
Ambient temperature range	-20 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Electronic transformer
Control interface	Dynamix DMX
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray and white
Mounting device	-
Optical cover shape	Hemispherical flat
Optical cover finish	Frosted
Overall height	51 mm
Overall diameter	90 mm

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class III

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Application Conditions	
Maximum dim level	0% (digital)

Product Data	
Order product name	BGS301 18xLED-HB-RGB 24V D90
Full product name	BGS301 18xLED-HB-RGB 24V D90
Full product code	911401834998
Order code	911401834998
Material Nr. (12NC)	911401834998
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	48

Dimensional drawing

