



# Dots of lighting innovation coming to life

## UNIdot

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 colour 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.

### Benefits

- Smart design—Rounded and versatile, can be easily installed on any surface, at any elevation.
- Colours that inspire—DMX controllable RGB and white light options help achieve desired ambiance and effects.
- Consistency—Milky transparent cover ensures even brightness and broad view.
- Reliability. Low wattage and 50,000-hour lifetime of LED lighting provides significant cost savings.

### Features

- Available in White and RGB in three sizes
- Wide beam angle 125°
- Outdoor application. IP66, IK07.
- DMX/RDM compatible

### Application

- Buildings; Theatres; Amusement parks; Recreational centers

Versions



BGS301 18xLED-HB D90



BGS302 42xLED-HB D140



BGS300 12xLED-HB-RGB 24V D70

Approval and Application	
Mech. impact protection code	IK07
General Information	
CE mark	CE mark
Optical cover/lens type	PCF
Driver included	No
ENEC mark	-
Flammability mark	F
Light source replaceable	No
Number of gear units	1 unit
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Mechanical and Housing	
Colour	Gray and white

Application Conditions

Order Code	Full Product Name	Maximum dim level
01612103	BGS301 18xLED-HB-RGB 24V D90	0% (digital)
01612203	BGS301 18xLED-HB-3000 24V D90	Not applicable
01612303	BGS301 18xLED-HB-4000 24V D90	Not applicable
01612403	BGS301 18xLED-HB-5000 24V D90	Not applicable
01612503	BGS302 42xLED-HB-RGB 24V D140	0% (digital)
01612603	BGS302 42xLED-HB-3000 24V D140	Not applicable
01612703	BGS302 42xLED-HB-4000 24V D140	Not applicable
01612803	BGS302 42xLED-HB-5000 24V D140	Not applicable
01616203	BGS300 12xLED-HB-RGB 24V D70	0% (digital)
01616303	BGS300 12xLED-HB-3000 24V D70	Not applicable
01616403	BGS300 12xLED-HB-5000 24V D70	Not applicable
01616503	BGS300 12xLED-HB-4000 24V D70	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable
01612103	BGS301 18xLED-HB-RGB 24V D90	Yes
01612203	BGS301 18xLED-HB-3000 24V D90	No
01612303	BGS301 18xLED-HB-4000 24V D90	No
01612403	BGS301 18xLED-HB-5000 24V D90	No
01612503	BGS302 42xLED-HB-RGB 24V D140	Yes
01612603	BGS302 42xLED-HB-3000 24V D140	No

Order Code	Full Product Name	Dimmable
01612703	BGS302 42xLED-HB-4000 24V D140	No
01612803	BGS302 42xLED-HB-5000 24V D140	No
01616203	BGS300 12xLED-HB-RGB 24V D70	Yes
01616303	BGS300 12xLED-HB-3000 24V D70	No
01616403	BGS300 12xLED-HB-5000 24V D70	No
01616503	BGS300 12xLED-HB-4000 24V D70	No

General Information

Order Code	Full Product Name	Light source colour
01612103	BGS301 18xLED-HB-RGB 24V D90	Red, green and blue (RGB)
01612203	BGS301 18xLED-HB-3000 24V D90	Warm white
01612303	BGS301 18xLED-HB-4000 24V D90	Neutral white
01612403	BGS301 18xLED-HB-5000 24V D90	Cool white
01612503	BGS302 42xLED-HB-RGB 24V D140	Red, green and blue (RGB)

Order Code	Full Product Name	Light source colour
01612603	BGS302 42xLED-HB-3000 24V D140	Warm white
01612703	BGS302 42xLED-HB-4000 24V D140	Neutral white
01612803	BGS302 42xLED-HB-5000 24V D140	Cool white
01616203	BGS300 12xLED-HB-RGB 24V D70	Red, green and blue (RGB)
01616303	BGS300 12xLED-HB-3000 24V D70	Warm white

Order Code	Full Product Name	Light source colour
01616403	BGS300 12xLED-HB-5000 24V D70	Cool white

Order Code	Full Product Name	Light source colour
01616503	BGS300 12xLED-HB-4000 24V D70	Neutral white

**Initial Performance (IEC Compliant)**

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
01612103	BGS301 18xLED-HB- RGB 24V D90	- K	-	109 lm
01612203	BGS301 18xLED- HB-3000 24V D90	3000 K	70	200 lm
01612303	BGS301 18xLED- HB-4000 24V D90	4000 K	70	217 lm
01612403	BGS301 18xLED- HB-5000 24V D90	5000 K	70	217 lm
01612503	BGS302 42xLED-HB- RGB 24V D140	- K	-	257 lm
01612603	BGS302 42xLED- HB-3000 24V D140	3000 K	70	466 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
01612703	BGS302 42xLED- HB-4000 24V D140	4000 K	70	506 lm
01612803	BGS302 42xLED- HB-5000 24V D140	5000 K	70	506 lm
01616203	BGS300 12xLED-HB- RGB 24V D70	- K	-	73 lm
01616303	BGS300 12xLED- HB-3000 24V D70	3000 K	70	145 lm
01616403	BGS300 12xLED- HB-5000 24V D70	5000 K	70	157 lm
01616503	BGS300 12xLED- HB-4000 24V D70	4000 K	70	157 lm

