



# UniDot G2

## BGS300 G2 12LEDLP 40K 24V OSC

192 lm - 3 W - 4000 K

UniDot G2 is a surface-mounted, exterior-rated and compact-sized architectural LED direct-view dot lighting luminaire that is designed for façade and outdoor lighting applications. The robust mechanical and unique optical covers make UniDot G2 ideal for building facades, bridges, theatres, amusement parks and recreational centres. Available in white, monochromatic colours, RGB, RGBW and tunable white. Three optical cover options and a DMX control interface is available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.

### Product data

General Information		
Lamp colour code	Neutral white	units, surge-protection device, front cover and mechanical parts
Light source replaceable	No	
Driver/power unit/transformer	PSU-E [ Power supply unit external (PSU)]	
Driver included	No	
Optical cover/lens type	Polycarbonate bowl/cover spherical	
Luminaire light beam spread	130°	
Control interface	-	
Connection	2 push-in connectors 2-pole	
Cable	2 cables 0.3 m with connector 2-pole	
Protection class IEC	Safety class III (III)	
Flammability mark	F [ For mounting on normally flammable surfaces]	
CE mark	CE mark	
Light source engine type	LED	
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control	
Light Technical		
Standard tilt angle post-top	-	
Standard tilt angle side entry	-	
Operating and Electrical		
Input Voltage	24 DC V	
Input frequency	- Hz	
Power factor (min.)	0.9	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Housing material	Aluminum die-cast	

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Optical cover/lens material	Polycarbonate
Mounting device	No [ - ]
Optical cover/lens shape	Hemispherical
Optical cover/lens finish	Opal
Overall length	78 mm
Overall width	72 mm
Overall height	57 mm
Overall diameter	72 mm
Colour	Dark Grey

### Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [ 1 J]

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	192 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	64 lm/W
Lamp colour temperature	4000 K

Colour Rendering Index	80
Initial chromaticity	4 SDCM
Initial input power	3 W
Power consumption tolerance	+/-10%

### Application Conditions

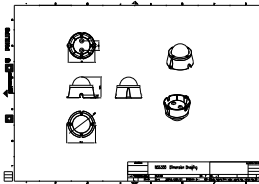
Ambient temperature range	-40 to +50 °C
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### Product Data

Full product code	911401752342
Order product name	BGS300 G2 12LEDLP 40K 24V OSC
Order code	911401752342
SAP numerator – quantity per pack	1
Numerator – packs per outer box	48
SAP material	911401752342
SAP net weight (piece)	0.212 kg



## Dimensional drawing



BGS301/302 UNI Dot

