



UniDot G2

BGS301 G2 30LEDLP 27K 24V CFC

UniDot G2, 413 lm, 6 W, Warm white, 110°, Safety class III

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, theaters, amusement parks and recreational centers. Available in white, monochromatic colors, RGB, RGBW and tunable white. Three optical covers options and DMX control interface available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.

Product data

General Information		Luminaire light beam spread	
Light source replaceable	No	Luminaire light beam spread	110°
Driver included	No	Operating and Electrical	
Light source engine type	LED	Input Voltage	24 DC V
Lighting Technology	LED	Line Frequency	- Hz
Value ladder	Performance	Power Consumption	6 W
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Power Factor (Fraction)	1
		Connection	2 Push-in connector 2-pole
		Cable	2 cables 0.3m with connector 2-pole
		Protection class IEC	Safety class III
Light Technical		Controls and Dimming	
Luminous Flux	413 lm	Dimmable	No
Correlated Color Temperature (Nom)	2700 K	Driver/power unit/transformer	Power supply unit external (On/Off)
Luminous Efficacy (rated) (Nom)	69 lm/W	Control interface	-
Color rendering index (CRI)	80		
Light source color	Warm white		

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Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Dark gray
Mounting device	-
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	111 mm
Overall width	100 mm
Overall height	37 mm
Overall diameter	100 mm
Dimensions (Height x Width x Depth)	37 x 100 x 111 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover flat
Net Weight (Piece)	0.270 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
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CE mark	Yes
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	4 SDCM
Power consumption tolerance	+/-10%

Product Data

Order product name	BGS301 G2 30LEDLP 27K 24V CFC
Full product name	BGS301 G2 30LEDLP 27K 24V CFC
Full product code	872016974707499
Order code	911401752442
Material Nr. (12NC)	911401752442
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169747074
Numerator - Packs per outer box	24
EAN/UPC - Case	8720169747074

Dimensional drawing

