PHILIPS

BGS301 G2 30LEDLP 27K 24V CFC

911401752442



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.

General Information

Light source replaceable	No
Driver included	No
Light source engine type	LED
Lighting Technology	LED
Value ladder	Performance

Light Technical

Luminous Flux	413 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	69 lm/W
Color rendering index (CRI)	80
Light source color	Warm white
Luminaire light beam spread	110°

Operating and Electrical

Input Voltage	24 DC V
Line Frequency	- Hz
Power Consumption	6 W
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

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-

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
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%

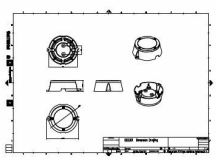
Sustainability Data

Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.

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



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	BGS301-MI.pdf	Download

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