UniDot G2

BGS301 G2 30LEDLP RGBNW 24V OSC DMX

UniDot G2, 154 lm, 6 W, Red, green, blue, amber and white, 150°, Dynamix DMX, 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

Light source replaceable	No
Driver included	No
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Luminous Flux	154 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	–
Luminous Efficacy (rated) (Nom)	26 lm/W
Color rendering index (CRI)	–

Light source color	Red, green, blue, amber and white
Optical cover type	Polycarbonate bowl/cover spherical
Luminaire light beam spread	150°

Operating and Electrical

Input Voltage	24 DC V
Line Frequency	– Hz
Power Consumption	6 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 5-pole
Cable	2 cables 0.3m with connector 5-pole

Temperature

Ambient temperature range	–40 to +50 ℃

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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	Dynamix DMX

Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Dark gray
Mounting device	–
Optical cover shape	Hemispherical
Optical cover finish	Opal
Overall length	111 mm
Overall width	100 mm
Overall height	67 mm
Overall diameter	100 mm
Dimensions (Height x Width x Depth)	67 x 100 x 111 mm

Approval and Application

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

Protection class IEC

	Safety class III

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Application Conditions

Maximum dim level	1%

Product Data

Order product name	BGS301 G2 30LEDLP RGBNW 24V OSC DMX
Full product name	BGS301 G2 30LEDLP RGBNW 24V OSC DMX
Full product code	871951494563099
Order code	911401752662
Material Nr. (12NC)	911401752662
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514945630
Numerator – Packs per outer box	24
EAN/UPC – Case	8719514945630

Dimensional drawing