UniDot G2

BGS300 G2 12LEDLP RGBNW 24V CFC DMX

UniDot G2 – 107 lm – 3 W – – 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	Red, green, blue, amber and white
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 flat
Luminaire light beam spread	110°
Control interface	Dynamix DMX
Connection	2 push-in connectors 5-pole
Cable	2 cables 0.3 m with connector 5-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 units, surge-protection device, front cover and mechanical parts

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	Yes

Mechanical and Housing

Housing material	Aluminum die–cast

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Optical cover/lens material	Polycarbonate		**Colour Rendering Index**	–
Mounting device	No [–]		**Initial input power**	3 W
Optical cover/lens shape	Flat		**Power consumption tolerance**	+/–10%
Optical cover/lens finish	Clear			
Overall length	78 mm		**Application Conditions**	
Overall width	72 mm		**Ambient temperature range**	–40 to +50 °C
Overall height	35 mm		**Maximum dimming level**	1%
Overall diameter	72 mm			
Colour	Dark Grey		**Product Data**	
			Full product code	911401752412
Approval and Application			**Order product name**	BGS300 G2 12LEDLP RGBNW 24V CFC DMX
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]		**Order code**	911401752412
Mech. impact protection code	IK06 [1 J]		**SAP numerator – quantity per pack**	1
			Numerator – packs per outer box	48
Initial Performance (IEC Compliant)			**SAP material**	911401752412
Initial luminous flux (system flux)	107 lm		**SAP net weight (piece)**	0.212 kg
Luminous flux tolerance	+/–10%			
Initial LED luminaire efficacy	36 lm/W			
Lamp colour temperature	– K			

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Dimensional drawing

BGS301/302 UNI Dot