UniString

BWS302 8LED 40K 24V S N10P20

UniString, 151 lm, 20 W, Neutral white, 110° x 110°, Safety class III

UniString is a surface-mounted, exterior-rated and compact-sized architectural LED direct view string that is designed for architectural and media façade outdoor lighting applications. The robust mechanical design, easy installation and unique optical lenses make UniString ideal for buildings/media facades, bridges, arenas, theatres, amusement parks and recreational centres. Available in white, monochromatic colours, RGB, RGBW and tunable white. Available in symmetrical and asymmetrical optical distributions with DMX control option to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.

Warnings and Safety

- For outdoor use only

Product data

General Information	
Light source replaceable	No
Driver included	No
Value ladder	Performance

Light Technical	
Luminous Flux	151 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	76 lm/W
Colour rendering index (CRI)	80
Light source colour	Neutral white
Luminaire light beam spread	110° x 110°

Operating and Electrical	
Input Voltage	24 DC V
Line Frequency	- Hz
Power Consumption	20 W
Power Factor (Fraction)	1
Connection	Push-in connector 2-pole
Cable	2-metre cable with 10 nodes, 200 mm pitch and 2 connectors 2-pole
Protection class IEC	Safety class III

Controls and Dimming	
Dimmable	No

UniString

Control interface	-

Ambient temperature range	-40 to +50 °C

Mechanical and Housing

Housing material	Polycarbonate
Optical cover/lens material	Polycarbonate
Housing Colour	Black
Overall length	48 mm
Overall width	15.5 mm
Overall height	60.1 mm
Dimensions (height x width x depth)	60 x 16 x 48 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate bowl/cover clear
Net Weight (Piece)	0.708 kg

Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

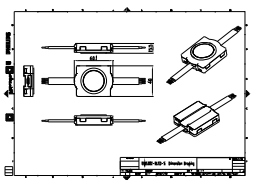
Initial Performance (IEC Compliant)

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

Product Data

Order product name	BWS302 8LED 40K 24V S N10P20
Full product name	BWS302 8LED 40K 24V S N10P20
Full EOC	872016974801999
Order code	911401753922
Material no. (12 NC)	911401753922
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169748019
Numerator – packs per outer box	12
EAN/UPC - Case	8720169748019

Dimensional drawing



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