UniString

BWS301 6LED 27K 24V A LR N16P12

UniString, 87 lm, 24 W, Warm white, 85° 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	87 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	58 lm/W
Color rendering index (CRI)	80
Light source color	Warm white
Luminaire light beam spread	85° x 110°

Operating and Electrical	
Input Voltage	24 DC V
Line Frequency	- Hz
Power Consumption	24 W
Power Factor (Fraction)	1
Connection	Push-in connector 2-pole
Cable	2 meters long cable with 16 nodes, 125mm 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 material	Polycarbonate
Housing Color	Black
Overall length	40 mm
Overall width	15.5 mm
Overall height	57 mm
Dimensions (Height x Width x Depth)	57 x 16 x 40 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)	0.750 kg

Approval and Application

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

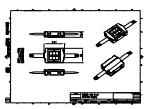
Initial Performance (IEC Compliant)

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

Product Data

Order product name	BWS301 6LED 27K 24V A LR N16P12
Full product name	BWS301 6LED 27K 24V A LR N16P12
Full product code	872016974778499
Order code	911401753522
Material Nr. (12NC)	911401753522
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169747784
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169747784

Dimensional drawing



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