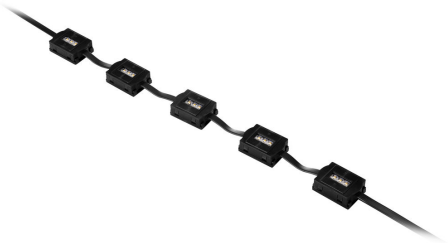


UniString

BWS301 3LED 40K 15V A LR N16P12

UniString, 55 lm, 16 W, Neutral 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, theaters, amusement parks and recreational centers. Available in white, monochromatic colors, 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	55 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	55 lm/W
Color rendering index (CRI)	80
Light source color	Neutral white
Luminaire light beam spread	85° x 110°

Operating and Electrical	
Input Voltage	15 DC V
Line Frequency	- Hz
Power Consumption	16 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	-

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

Ambient temperature range	-40 to +50 °C

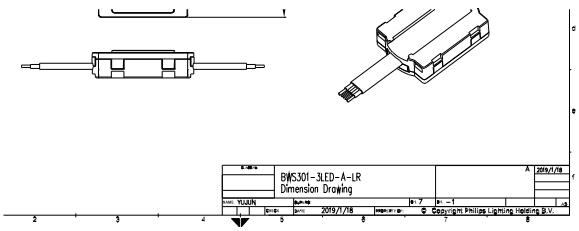
Initial Performance (IEC Compliant)

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

Product Data

Order product name	BWS301 3LED 40K 15V A LR N16P12
Full product name	BWS301 3LED 40K 15V A LR N16P12
Full product code	872016974763099
Order code	911401753242
Material Nr. (12NC)	911401753242
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169747630
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169747630

Dimensional drawing



© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.