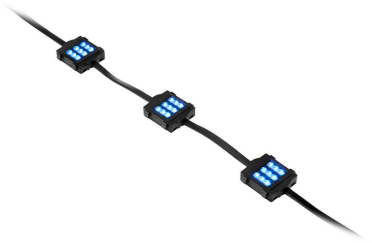
PHILIPS

Lighting



Direct View Pixel Luminaires for Creative Architectural and Media Façade Applications

UniString

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.

Benefits

- Available in three sizes and three power ranges to fit any application requirements.
- Robust Design & IP66 rating for outdoor use.
- Asymmetric beam option available to provide higher efficiency, better visual clearance and reduce lighting pollution in tall buildings and towers
- Through wiring for power and DMX data via IP67 connectors
- Available in track and surface mounting options

Features

- Standard: RGBW, RGB, 2700K, 3000K and 4000K
- Optional 5000K, Monochromatic Colors and Tunable Wh
- Standard pixel pitch of 125mm (center-to-center) for small and medium sizes
- Standard pixel pitch of 200mm (center-to-center) for large size
- Customized mounting tracks available (sold separately)

Application

- Bridges, Monuments, Facades
- Landscape
- Parks and Plazas

Warnings and Safety

- For outdoor use only

Versions



159A0723



159A0835



159A0345

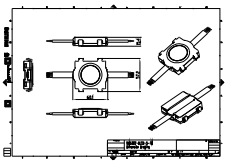


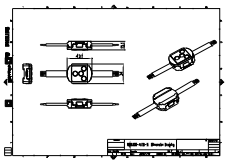
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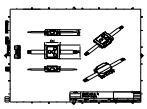


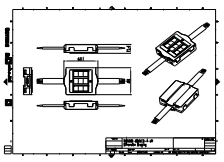
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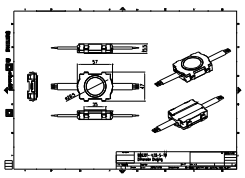
Dimensional drawing











UniString

General Information

Driver included	No
Light source replaceable	No

Light Technical

Color rendering index (CRI)	80

Controls and Dimming

Dimmable	No

Mechanical and Housing

Optical cover type	Polycarbonate bowl/cover clear
Housing Color	Black
Mech. impact protection code	IK06
Ingress protection code	IP66

Approval and Application

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

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
911401753452	BWS301 6LED 40K 24V S TM N16P12	110° x 110°	Neutral white	4000 K	108 lm
911401752922	BWS300 4LED 27K 15V S N16P12	110° x 110°	Warm white	2700 K	67 lm
911401753932	BWS302 8LED 40K 24V S TM N10P20	110° x 110°	Neutral white	4000 K	151 lm
911401753012	BWS300 4LED 40K 15V S TM N16P12	110° x 110°	Neutral white	4000 K	71 lm
911401754162	BWS302 8LED 40K 24V A LR N10P20	85° x 110°	Neutral white	4000 K	134 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401753452	BWS301 6LED 40K 24V S TM N16P12	24 W
911401752922	BWS300 4LED 27K 15V S N16P12	16 W
911401753932	BWS302 8LED 40K 24V S TM N10P20	20 W

Order Code	Full Product Name	Power Consumption
911401753012	BWS300 4LED 40K 15V S TM N16P12	16 W
911401754162	BWS302 8LED 40K 24V A LR N10P20	20 W

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