

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, 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.

Benefits

- Available in three sizes and three power ranges to fit any application requirements.
- Robust design and 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, 2,700 K, 3,000 K and 4,000 K
- Optional 5,000 K, Monochromatic Colours and Tunable White
- Standard pixel pitch of 125 mm (centre-to-centre) for small and medium sizes
- Standard pixel pitch of 200 mm (centre-to-centre) for large sizes
- Customised mounting tracks available (sold separately)

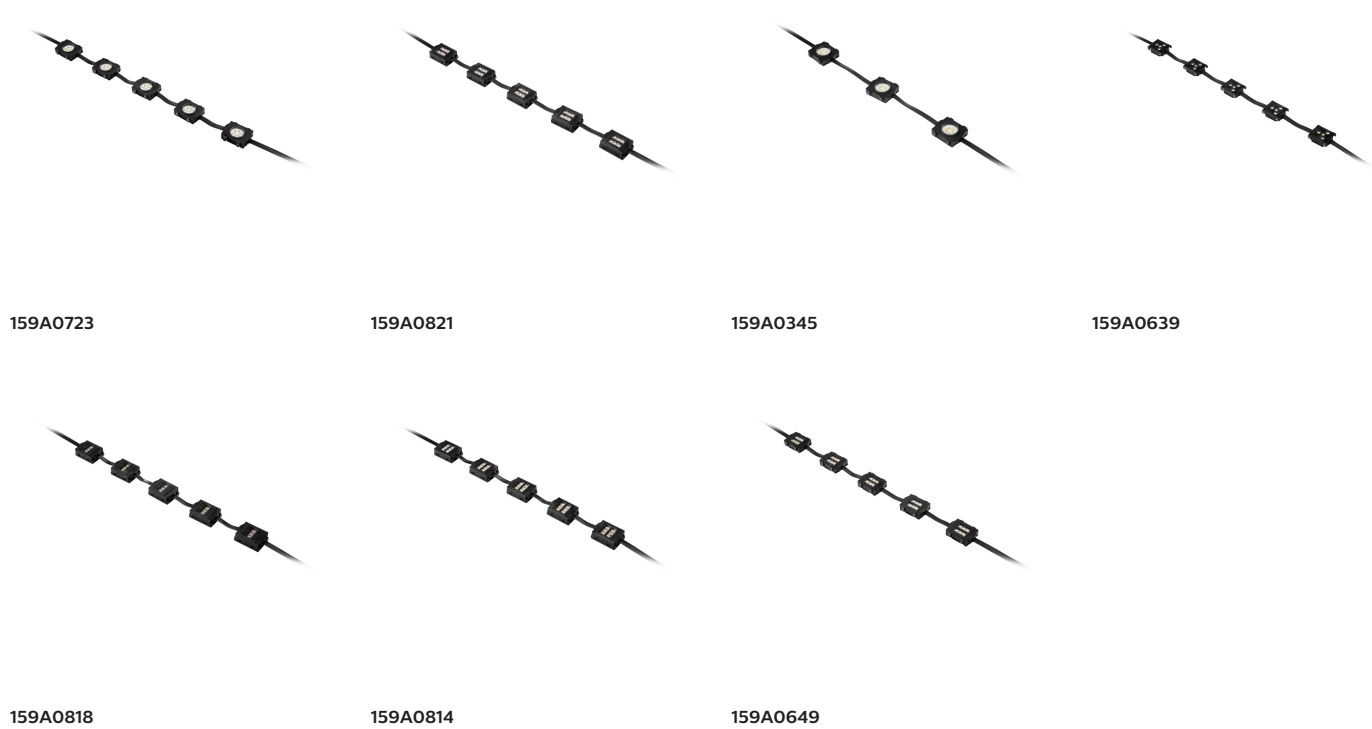
Application

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

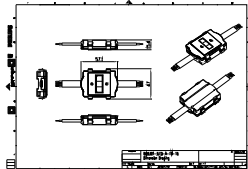
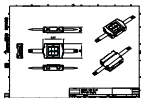
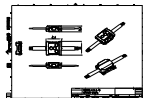
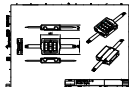
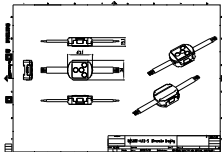
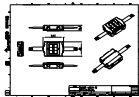
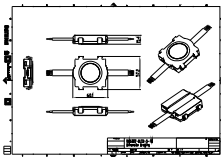
Warnings and Safety

- For outdoor use only

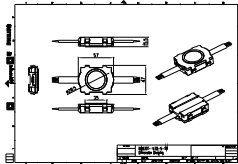
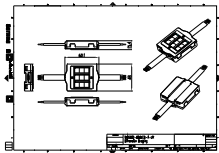
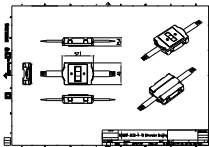
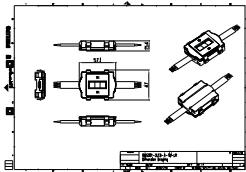
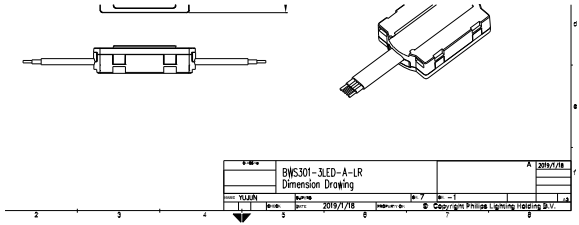
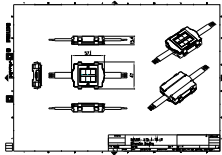
Versions



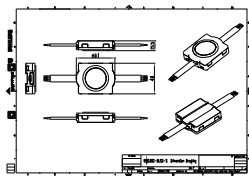
Dimensional drawing



Dimensional drawing



Dimensional drawing



General Information	
Driver included	No
Light source replaceable	No
Light Technical	
Colour rendering index (CRI)	80
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover clear
Housing Colour	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

		Luminaire light beam spread	Light source colour	Correlated Colour Temperature	
Order Code	Full Product Name			(Nom)	Luminous Flux
74808899	BWS302 8LED 27K 24V A TB N10P20	85° x 110°	Warm white	2700 K	126 lm
74814999	BWS302 8LED 30K 24V A TB N10P20	85° x 110°	Warm white	3000 K	126 lm
74818799	BWS302 8LED 40K 24V A TB N10P20	85° x 110°	Neutral white	4000 K	134 lm
74772299	BWS301 6LED 27K 24V S TM N16P12	110° x 110°	Warm white	2700 K	101 lm
74775399	BWS301 6LED 30K 24V S TM N16P12	110° x 110°	Warm white	3000 K	101 lm
74777799	BWS301 6LED 40K 24V S TM N16P12	110° x 110°	Neutral white	4000 K	108 lm
74746399	BWS301 3LED 27K 15V A LR N16P12	85° x 110°	Warm white	2700 K	51 lm
74754899	BWS301 3LED 30K 15V A LR N16P12	85° x 110°	Warm white	3000 K	51 lm
74763099	BWS301 3LED 40K 15V A LR N16P12	85° x 110°	Neutral white	4000 K	55 lm
74733399	BWS300 4LED 27K 15V S N16P12	110° x 110°	Warm white	2700 K	67 lm
74736499	BWS300 4LED 30K 15V S N16P12	110° x 110°	Warm white	3000 K	67 lm
74739599	BWS300 4LED 40K 15V S N16P12	110° x 110°	Neutral white	4000 K	71 lm
74778499	BWS301 6LED 27K 24V A LR N16P12	85° x 110°	Warm white	2700 K	87 lm
74782199	BWS301 6LED 30K 24V A LR N16P12	85° x 110°	Warm white	3000 K	87 lm
74786999	BWS301 6LED 40K 24V A LR N16P12	85° x 110°	Neutral white	4000 K	92 lm
74771599	BWS301 6LED 27K 24V S N16P12	110° x 110°	Warm white	2700 K	101 lm
74774699	BWS301 6LED 30K 24V S N16P12	110° x 110°	Warm white	3000 K	101 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Correlated Colour	
				Temperature (Nom)	Luminous Flux
74776099	BWS301 6LED 40K 24V S N16P12	110° x 110°	Neutral white	4000 K	108 lm
74796899	BWS302 8LED 27K 24V S TM N10P20	110° x 110°	Warm white	2700 K	142 lm
74799999	BWS302 8LED 30K 24V S TM N10P20	110° x 110°	Warm white	3000 K	142 lm
74802699	BWS302 8LED 40K 24V S TM N10P20	110° x 110°	Neutral white	4000 K	151 lm
74734099	BWS300 4LED 27K 15V S TM N16P12	110° x 110°	Warm white	2700 K	67 lm
74738899	BWS300 4LED 30K 15V S TM N16P12	110° x 110°	Warm white	3000 K	67 lm
74740199	BWS300 4LED 40K 15V S TM N16P12	110° x 110°	Neutral white	4000 K	71 lm
74750099	BWS301 3LED 27K 15V A TB N16P12	85° x 110°	Warm white	2700 K	51 lm
74758699	BWS301 3LED 30K 15V A TB N16P12	85° x 110°	Warm white	3000 K	51 lm
74767899	BWS301 3LED 40K 15V A TB N16P12	85° x 110°	Neutral white	4000 K	55 lm
74795199	BWS302 8LED 27K 24V S N10P20	110° x 110°	Warm white	2700 K	142 lm
74797599	BWS302 8LED 30K 24V S N10P20	110° x 110°	Warm white	3000 K	142 lm
74801999	BWS302 8LED 40K 24V S N10P20	110° x 110°	Neutral white	4000 K	151 lm
74809599	BWS302 8LED 27K 24V A TM TB N10P20	85° x 110°	Warm white	2700 K	126 lm
74815699	BWS302 8LED 30K 24V A TM TB N10P20	85° x 110°	Warm white	3000 K	126 lm
74819499	BWS302 8LED 40K 24V A TM TB N10P20	85° x 110°	Neutral white	4000 K	134 lm
74781499	BWS301 6LED 27K 24V A TM TB N16P12	85° x 110°	Warm white	2700 K	87 lm
74785299	BWS301 6LED 30K 24V A TM TB N16P12	85° x 110°	Warm white	3000 K	87 lm
74790699	BWS301 6LED 40K 24V A TM TB N16P12	85° x 110°	Neutral white	4000 K	92 lm
74805799	BWS302 8LED 27K 24V A LR N10P20	85° x 110°	Warm white	2700 K	126 lm
74811899	BWS302 8LED 30K 24V A LR N10P20	85° x 110°	Warm white	3000 K	126 lm
74816399	BWS302 8LED 40K 24V A LR N10P20	85° x 110°	Neutral white	4000 K	134 lm
74780799	BWS301 6LED 27K 24V A TB N16P12	85° x 110°	Warm white	2700 K	87 lm
74784599	BWS301 6LED 30K 24V A TB N16P12	85° x 110°	Warm white	3000 K	87 lm
74789099	BWS301 6LED 40K 24V A TB N16P12	85° x 110°	Neutral white	4000 K	92 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Correlated Colour	
				Temperature (Nom)	Luminous Flux
74751799	BWS301 3LED 27K 15V A TM TB N16P12	85° x 110°	Warm white	2700 K	51 lm
74760999	BWS301 3LED 30K 15V A TM TB N16P12	85° x 110°	Warm white	3000 K	51 lm
74768599	BWS301 3LED 40K 15V A TM TB N16P12	85° x 110°	Neutral white	4000 K	55 lm
74748799	BWS301 3LED 27K 15V A TM LR N16P12	85° x 110°	Warm white	2700 K	51 lm
74755599	BWS301 3LED 30K 15V A TM LR N16P12	85° x 110°	Warm white	3000 K	51 lm
74764799	BWS301 3LED 40K 15V A TM LR N16P12	85° x 110°	Neutral white	4000 K	55 lm
74779199	BWS301 6LED 27K 24V A TM LR N16P12	85° x 110°	Warm white	2700 K	87 lm
74783899	BWS301 6LED 30K 24V A TM LR N16P12	85° x 110°	Warm white	3000 K	87 lm
74787699	BWS301 6LED 40K 24V A TM LR N16P12	85° x 110°	Neutral white	4000 K	92 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
74808899	BWS302 8LED 27K 24V A TB N10P20	20 W	74767899	BWS301 3LED 40K 15V A TB N16P12	16 W
74814999	BWS302 8LED 30K 24V A TB N10P20	20 W	74795199	BWS302 8LED 27K 24V S N10P20	20 W
74818799	BWS302 8LED 40K 24V A TB N10P20	20 W	74797599	BWS302 8LED 30K 24V S N10P20	20 W
74772299	BWS301 6LED 27K 24V S TM N16P12	24 W	74801999	BWS302 8LED 40K 24V S N10P20	20 W
74775399	BWS301 6LED 30K 24V S TM N16P12	24 W	74809599	BWS302 8LED 27K 24V A TM TB N10P20	20 W
74777799	BWS301 6LED 40K 24V S TM N16P12	24 W	74815699	BWS302 8LED 30K 24V A TM TB N10P20	20 W
74746399	BWS301 3LED 27K 15V A LR N16P12	16 W	74819499	BWS302 8LED 40K 24V A TM TB N10P20	20 W
74754899	BWS301 3LED 30K 15V A LR N16P12	16 W	74781499	BWS301 6LED 27K 24V A TM TB N16P12	24 W
74763099	BWS301 3LED 40K 15V A LR N16P12	16 W	74785299	BWS301 6LED 30K 24V A TM TB N16P12	24 W
74733399	BWS300 4LED 27K 15V S N16P12	16 W	74790699	BWS301 6LED 40K 24V A TM TB N16P12	24 W
74736499	BWS300 4LED 30K 15V S N16P12	16 W	74805799	BWS302 8LED 27K 24V A LR N10P20	20 W
74739599	BWS300 4LED 40K 15V S N16P12	16 W	74811899	BWS302 8LED 30K 24V A LR N10P20	20 W
74778499	BWS301 6LED 27K 24V A LR N16P12	24 W	74816399	BWS302 8LED 40K 24V A LR N10P20	20 W
74782199	BWS301 6LED 30K 24V A LR N16P12	24 W	74780799	BWS301 6LED 27K 24V A TB N16P12	24 W
74786999	BWS301 6LED 40K 24V A LR N16P12	24 W	74784599	BWS301 6LED 30K 24V A TB N16P12	24 W
74771599	BWS301 6LED 27K 24V S N16P12	24 W	74789099	BWS301 6LED 40K 24V A TB N16P12	24 W
74774699	BWS301 6LED 30K 24V S N16P12	24 W	74751799	BWS301 3LED 27K 15V A TM TB N16P12	16 W
74776099	BWS301 6LED 40K 24V S N16P12	24 W	74760999	BWS301 3LED 30K 15V A TM TB N16P12	16 W
74796899	BWS302 8LED 27K 24V S TM N10P20	20 W	74768599	BWS301 3LED 40K 15V A TM TB N16P12	16 W
74799999	BWS302 8LED 30K 24V S TM N10P20	20 W	74748799	BWS301 3LED 27K 15V A TM LR N16P12	16 W
74802699	BWS302 8LED 40K 24V S TM N10P20	20 W	74755599	BWS301 3LED 30K 15V A TM LR N16P12	16 W
74734099	BWS300 4LED 27K 15V S TM N16P12	16 W	74764799	BWS301 3LED 40K 15V A TM LR N16P12	16 W
74738899	BWS300 4LED 30K 15V S TM N16P12	16 W	74779199	BWS301 6LED 27K 24V A TM LR N16P12	24 W
74740199	BWS300 4LED 40K 15V S TM N16P12	16 W	74783899	BWS301 6LED 30K 24V A TM LR N16P12	24 W
74750099	BWS301 3LED 27K 15V A TB N16P12	16 W	74787699	BWS301 6LED 40K 24V A TM LR N16P12	24 W
74758699	BWS301 3LED 30K 15V A TB N16P12	16 W			

