



# UniString

## BWS302 8LED 40K 24V A DMX TM TB N10P20

UniString - 123 lm - 2 W - 4000 K

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 color          | Neutral white  |
| Light source replaceable    | No   |
| Driver included             | No   |
| Optical cover/lens type     | PCC [ Polycarbonate bowl/cover clear]                                  |
| Luminaire light beam spread | 85° x 110°   |
| Control interface           | Dynamix DMX  |
| Connection                  | Push-in connector 5-pole (PI)  |
| Cable                       | 2 meters long cable with 10 nodes, 200mm pitch and 2 connectors 5-pole |
| Protection class IEC        | Safety class III (III)   |
| Glow-wire test              | Temperature 750 °C, duration 30 s                                      |
| Flammability mark           | F [ For mounting on normally flammable surfaces]                       |

| CE mark                     | CE mark       |
|-----------------------------|---------------|
| Operating and Electrical    |               |
| Input Voltage               | 24 DC V       |
| Input Frequency             | - Hz          |
| Power Factor (Min)          | 0.9           |
| Controls and Dimming        |               |
| Dimmable                    | Yes           |
| Mechanical and Housing      |               |
| Housing Material            | Polycarbonate |
| Optical cover/lens material | Polycarbonate |

# UniString

|                |         |
|----------------|---------|
| Overall length | 57.2 mm |
| Overall width  | 15.5 mm |
| Overall height | 60.1 mm |
| Color          | Black   |

## Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [ 1 J]                                   |

## Initial Performance (IEC Compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 123 lm  |
| Luminous flux tolerance             | +/-10%  |
| Initial LED luminaire efficacy      | 62 lm/W |
| Init. Corr. Color Temperature       | 4000 K  |
| Init. Color Rendering Index         | 80      |
| Initial chromaticity                | 4 SDCM  |
| Initial input power                 | 2 W     |

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

## Application Conditions

|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -40 to +50 °C  |
| Maximum dim level         | 5% (1 to 10 V) |

## Product Data

|                                 |  |
|---------------------------------|--|
| Full product code               | 911401754232                           |
| Order product name              | BWS302 8LED 40K 24V A DMX TM TB N10P20 |
| Order code                      | 911401754232                           |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 120                                    |
| Material Nr. (12NC)             | 911401754232                           |
| Net Weight (Piece)              | 0.070 kg                               |



## Dimensional drawing



BWS220 SmartBright LED

