



# UniString

## BWS302 9LED RGBNW 24V S DMX N10P20

UniString, 53 lm, 2 W, Red, green, blue and white, 110° x 110°,  
Dynamix DMX, 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  |
| CE mark                            | CE mark                                     |
| Flammability mark                  | For mounting on normally flammable surfaces |
| Glow-wire test                     | Temperature 750 °C, duration 30 s           |
| Light Technical                    |   |
| Luminous Flux                      | 53 lm                                       |
| Correlated Color Temperature (Nom) | -   |
| Luminous Efficacy (rated) (Nom)    | 27 lm/W                                     |

| Color rendering index (CRI) | -                              |
|-----------------------------|--------------------------------|
| Light source color          | Red, green, blue and white     |
| Optical cover type          | Polycarbonate bowl/cover clear |
| Luminaire light beam spread | 110° x 110°                    |
| Operating and Electrical    |                                |
| Input Voltage               | 24 DC V                        |
| Line Frequency              | - Hz                           |
| Power Consumption           | 2 W                            |
| Power Factor (Fraction)     | 0.9                            |
| Connection                  | Push-in connector 5-pole       |

|                                     |  |
|-------------------------------------|--|
| Cable                               | 2 meters long cable with 10 nodes, 200mm pitch and 2 connectors 5-pole |
| Temperature                         |  |
| Ambient temperature range           | -40 to +50 °C  |
| Controls and Dimming                |  |
| Dimmable                            | Yes  |
| Control interface                   | Dynamix DMX  |
| Mechanical and Housing              |  |
| Housing Material                    | Polycarbonate  |
| Optical cover material              | Polycarbonate  |
| Housing Color                       | Black  |
| Overall length                      | 48 mm  |
| Overall width                       | 15.5 mm  |
| Overall height                      | 60.1 mm  |
| Dimensions (Height x Width x Depth) | 60 x 16 x 48 mm  |
| Approval and Application            |  |
| Ingress protection code             | IP66 [Dust penetration-protected, jet-proof]                           |
| Mech. impact protection code        | IK06 [1 J]   |

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Protection class IEC                | Safety class III                   |
| Initial Performance (IEC Compliant) |                                    |
| Luminous flux tolerance             | +/-10%                             |
| Power consumption tolerance         | +/-10%                             |
| Application Conditions              |                                    |
| Maximum dim level                   | 5%                                 |
| Product Data                        |                                    |
| Order product name                  | BWS302 9LED RGBNW 24V S DMX N10P20 |
| Full product name                   | BWS302 9LED RGBNW 24V S DMX N10P20 |
| Full product code                   | 871951494644699                    |
| Order code                          | 911401753982                       |
| Material Nr. (12NC)                 | 911401753982                       |
| Numerator - Quantity Per Pack       | 1                                  |
| EAN/UPC - Product/Case              | 8719514946446                      |
| Numerator - Packs per outer box     | 120                                |
| EAN/UPC - Case                      | 8719514946446                      |

Dimensional drawing

