



# UniDot G2

## BGS302 G2 6LED RGBNW 24V DSC DMX

UniDot G2, 420 lm, 9 W, Red, green, blue, amber and white,  
Dynamix DMX, Safety class III

UniDot G2 is a surface mounted, exterior-rated and compact sized architectural LED direct view dot lighting luminaire that is designed for façade and outdoor lighting applications. The robust mechanical and unique optical covers make UniDot G2 ideal for building facades, bridges, theaters, amusement parks and recreational centers. Available in white, monochromatic colors, RGB, RGBW and tunable white. Three optical covers options and DMX control interface available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.

### Product data

| General Information                |                                             |
|------------------------------------|---------------------------------------------|
| Light source replaceable           | No                                          |
| Driver included                    | No                                          |
| Light source engine type           | LED                                         |
| Lighting Technology                | LED                                         |
| CE mark                            | CE mark                                     |
| Flammability mark                  | For mounting on normally flammable surfaces |
|                                    |                                             |
| Light Technical                    |                                             |
| Luminous Flux                      | 420 lm                                      |
| Standard tilt angle posttop        | -                                           |
| Standard tilt angle side entry     | -                                           |
| Correlated Color Temperature (Nom) | -                                           |
| Luminous Efficacy (rated) (Nom)    | 47 lm/W                                     |
| Color rendering index (CRI)        | -                                           |

| Light source color        | Red, green, blue, amber and white   |
|---------------------------|-------------------------------------|
| Optical cover type        | Polycarbonate bowl/cover spherical  |
|                           |                                     |
| Operating and Electrical  |                                     |
| Input Voltage             | 24 DC V                             |
| Line Frequency            | - Hz                                |
| Power Consumption         | 9 W                                 |
| Power Factor (Fraction)   | 0.9                                 |
| Connection                | 2 Push-in connector 5-pole          |
| Cable                     | 2 cables 0.3m with connector 5-pole |
|                           |                                     |
| Temperature               |                                     |
| Ambient temperature range | -40 to +50 °C                       |
|                           |                                     |

UniDot G2

|                                     |                                              |
|-------------------------------------|----------------------------------------------|
| Controls and Dimming                |                                              |
| Dimmable                            | Yes                                          |
| Driver/power unit/transformer       | Power supply unit external (On/Off)          |
| Control interface                   | Dynamix DMX                                  |
| Mechanical and Housing              |                                              |
| Housing Material                    | Aluminum die cast                            |
| Optical cover material              | Polycarbonate                                |
| Housing Color                       | Dark gray                                    |
| Mounting device                     | -                                            |
| Optical cover shape                 | Hemispherical                                |
| Optical cover finish                | Diamond                                      |
| Overall length                      | 136 mm                                       |
| Overall width                       | 124 mm                                       |
| Overall height                      | 83 mm                                        |
| Overall diameter                    | 124 mm                                       |
| Dimensions (Height x Width x Depth) | 83 x 124 x 136 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                   | 1%                               |
| Product Data                        |                                  |
| Order product name                  | BGS302 G2 6LED RGBNW 24V DSC DMX |
| Full product name                   | BGS302 G2 6LED RGBNW 24V DSC DMX |
| Full product code                   | 871951494579199                  |
| Order code                          | 911401752912                     |
| Material Nr. (12NC)                 | 911401752912                     |
| Numerator - Quantity Per Pack       | 1                                |
| EAN/UPC - Product/Case              | 8719514945791                    |
| Numerator - Packs per outer box     | 18                               |
| EAN/UPC - Case                      | 8719514945791                    |

Dimensional drawing

