



# RoadFlair Gen2

## BRP491 LED142/NW 100W 220-240V DM GM

4000 K

RoadFlair Gen2 is brand new design road lighting product family, set to meet customers' all-round requirements, including high lumen efficacy for energy saving and sustainability, aesthetic design for nice shape and appearance, quality material and components for product reliability and long lifetime, professional optics for various applications fulfillment, dimming and system control interface for improving municipal operations and offering future-proof features. RoadFlair Gen2 competitive price would help on the acceleration of road lighting LED transformation, to a more sustainable society and smarter city.

### Product data

| General Information                |                                |
|------------------------------------|--------------------------------|
| Driver included                    | Yes                            |
| Light Technical                    |                                |
| Luminous Flux                      | 14,200 lumen                   |
| Correlated Color Temperature (Nom) | 4000 K                         |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W                       |
| Color rendering index (CRI)        | >70                            |
| Light source color                 | 740 neutral white              |
| Optical cover/lens type            | Polycarbonate micro lens optic |
| Operating and Electrical           |                                |
| Input Voltage                      | 220 to 240 V                   |
| Line Frequency                     | 50 or 60 Hz                    |
| Input Frequency                    | 50 or 60 Hz                    |
| Power Consumption                  | 100 W                          |
| Power Factor (Fraction)            | 0.95                           |

| Connection                  | Screw connection block 3-pole |
|-----------------------------|-------------------------------|
| Cable                       | -                             |
| Temperature                 |                               |
| Ambient temperature range   | -40 to +50 °C                 |
| Controls and Dimming        |                               |
| Dimmable                    | Yes                           |
| Control interface           | Analog                        |
| Mechanical and Housing      |                               |
| Housing Material            | Aluminium pressure die cast   |
| Optical cover/lens material | Polycarbonate                 |
| Housing Color               | Aluminum and gray             |
| Overall length              | 355 mm                        |
| Overall width               | 230 mm                        |
| Overall height              | 136 mm                        |

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|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| Dimensions (Height x Width x Depth)        | 136 x 230 x 355 mm                           |
| <b>Approval and Application</b>            |                                              |
| Ingress protection code                    | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code               | IK08 [5 J vandal-protected]                  |
| Protection class IEC                       | Safety class I                               |
| CE mark                                    | CE mark                                      |
| <b>Initial Performance (IEC Compliant)</b> |                                              |
| Luminous flux tolerance                    | +/-10%                                       |
| Power consumption tolerance                | +/-10%                                       |

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Product Data</b>             |                                      |
| Full product code               | 911401673306                         |
| Order product name              | BRP491 LED142/NW 100W 220-240V DM GM |
| Order code                      | 911401673306                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |
| Material number (12NC)          | 911401673306                         |
| Full product name               | BRP491 LED142/NW 100W 220-240V DM GM |



## Dimensional drawing

