



## **RoadFlair Gen2**

## BRP491 LED130/NW 90W 220-240V DM1 GC

RoadFlair Gen2, 13000 lm, 90 W, 740 neutral white, Analog, Safety class I

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                |                   | Power Factor (Frac  |
|------------------------------------|-------------------|---------------------|
| Driver included                    | Yes               | Connection          |
| Service tag                        | Yes               | Cable               |
|                                    |                   | Protection class IE |
| Light Technical                    |                   |                     |
| Luminous Flux                      | 13,000 lm         | Controls and Dir    |
| Correlated Color Temperature (Nom) | 4000 K            | Dimmable            |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W          | Control interface   |
| Color rendering index (CRI)        | >70               |                     |
| Light source color                 | 740 neutral white | Mechanical and      |
|                                    |                   | Housing Material    |
| Operating and Electrical           |                   | Optical cover mate  |
| Input Voltage                      | 220 to 240 V      | Housing Color       |
| Line Frequency                     | 50 or 60 Hz       | Overall length      |
| Power Consumption                  | 90 W              | Overall width       |

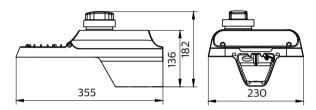
| Power Factor (Fraction) | 0.95                          |  |
|-------------------------|-------------------------------|--|
| Connection              | Screw connection block 3-pole |  |
| Cable                   | -                             |  |
| Protection class IEC    | Safety class I                |  |
|                         |                               |  |
| Controls and Dimming    |                               |  |
| Dimmable                | Yes                           |  |
| Control interface       | Analog                        |  |
|                         |                               |  |
| Mechanical and Housing  |                               |  |
| Housing Material        | Aluminium pressure die cast   |  |
| Optical cover material  | Polycarbonate                 |  |
| Housing Color           | Aluminum and gray             |  |
| Overall length          | 355 mm                        |  |
| Overall width           | 230 mm                        |  |
|                         |                               |  |

## RoadFlair Gen2

| Overall height                      | 136 mm                                       |  |
|-------------------------------------|--|--|
| Dimensions (Height x Width x Depth) | 136 x 230 x 355 mm                           |  |
| Ingress protection code             | IP66 [Dust penetration-protected, jet-proof] |  |
| Mech. impact protection code        | IK08 [5 J vandal-protected]                  |  |
| Optical cover type                  | Polycarbonate micro lens optic               |  |
| Net Weight (Piece)                  | 3.600 kg                                     |  |
|                                     |  |  |
| Approval and Application            |  |  |
| CE mark                             | Yes  |  |
| Ambient temperature range           | -40 to +50 °C                                |  |
|                                     |  |  |
| Initial Performance (IEC Compliant) |  |  |
| Luminous flux tolerance             | +/-10%                                       |  |
|                                     |  |  |

| Power consumption tolerance     | +/-10%                               |
|---------------------------------|--------------------------------------|
|                                 |                                      |
| Product Data                    |                                      |
| Order product name              | BRP491 LED130/NW 90W 220-240V DM1 GC |
| Full product name               | BRP491 LED130/NW 90W 220-240V DM1 GC |
| Full product code               | 911401670306                         |
| Order code                      | 911401670306                         |
| Material Nr. (12NC)             | 911401670306                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |

Dimensional drawing





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