



# RoadFlair ECO

## BRP490 LED47/WW 30W DW2n PSA SP1 P5 GC

RoadFlair ECO, 4700 lm, 30 W, 730 warm white, Analog, Safety class I

RoadFlair ECO is a newly designed road lighting product, set to meet customers' 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 optic for lighting application fulfilment, dimming and system control interface for improving municipal operations and offering future-proof features. RoadFlair ECO's competitive price would help on the acceleration of road lighting LED transformation, to more sustainable society and smarter city.

### Product data

| General Information                |                      |
|------------------------------------|----------------------|
| Gear                               | -                    |
| Driver included                    | Yes                  |
| Service tag                        | Yes                  |
| Value ladder                       | Performance          |
| Light Technical                    |                      |
| Luminous Flux                      | 4,700 lm             |
| Correlated Color Temperature (Nom) | 3000 K               |
| Luminous Efficacy (rated) (Nom)    | 148 lm/W             |
| Color rendering index (CRI)        | 70                   |
| Light source color                 | 730 warm white       |
| Effective projected area           | 0.045 m <sup>2</sup> |

| Operating and Electrical |                                 |
|--------------------------|---------------------------------|
| Input Voltage            | 220-240 V                       |
| Line Frequency           | 50 or 60 Hz                     |
| Inrush current           | 15 A                            |
| Power Consumption        | 30 W                            |
| Power Factor (Fraction)  | 0.95                            |
| Connection               | Flying leads/wires              |
| Cable                    | Cable 0.3 m without plug 3-pole |
| Protection class IEC     | Safety class I                  |
| Controls and Dimming     |                                 |
| Dimmable                 | Yes                             |
| Control interface        | Analog                          |

# RoadFlair ECO

## Mechanical and Housing

|                                     |   |
|-------------------------------------|---|
| Housing Material                    | Aluminium die-cast ADC1 - alloy grade (EN AC-47100) |
| Optical cover material              | Polycarbonate                                       |
| Housing Color                       | RAL7040   |
| Overall length                      | 420 mm  |
| Overall width                       | 108 mm  |
| Overall height                      | 151 mm  |
| Dimensions (Height x Width x Depth) | 151 x 108 x 420 mm                                  |
| Ingress protection code             | IP66 [Dust penetration-protected, jet-proof]        |
| Mech. impact protection code        | IK08 [5 J vandal-protected]                         |
| Optical cover type                  | Polycarbonate bowl/cover UV-resistant               |
| Net Weight (Piece)                  | 1.915 kg  |

## Approval and Application

|                   |   |
|-------------------|---|
| Flammability mark | - |
|-------------------|---|

|                           |                 |
|---------------------------|-----------------|
| CE mark                   | Yes             |
| Ambient temperature range | -40 °C to 50 °C |

## Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous flux tolerance     | +/-7%  |
| Power consumption tolerance | +/-10% |

## Product Data

|                                 |  |
|---------------------------------|--|
| Order product name              | BRP490 LED47/WW 30W DW2n PSA SP1 P5 GC |
| Full product name               | BRP490 LED47/WW 30W DW2n PSA SP1 P5 GC |
| Order code                      | 911401648509                           |
| Material Nr. (12NC)             | 911401648509                           |
| Numerator - Quantity Per Pack   | 1                                      |
| Numerator - Packs per outer box | 4                                      |

## Dimensional drawing

