



# RoadFlair Gen2

## BRP494 LED402/WW 300W 220-240V DM GM

40200 lm - 300 W - 3000 K

The 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, an aesthetic design with nice shapes and appearance, quality materials and components for product reliability and long lifetime, professional optics for various applications, a dimming and system control interface for improving municipal operations and offering future-proof features. The RoadFlair Gen2 competitive price will help with the acceleration of road lighting LED transformation, to a more sustainable society and smarter city.

### Product data

| General Information      |  |
|--------------------------|--|
| Lamp colour code         | 730 warm white                           |
| Driver included          | Yes                                      |
| Optical cover/lens type  | PC-MLO [ Polycarbonate micro lens optic] |
| Control interface        | Analog                                   |
| Connection               | SI [ Screw connection block]             |
| Cable                    | -  |
| Protection class IEC     | Safety class I (I)                       |
| CE mark                  | CE mark                                  |
| Operating and Electrical |  |
| Input Voltage            | 220 to 240 V                             |
| Input frequency          | 50 or 60 Hz                              |
| Power factor (min.)      | 0.95                                     |

| Controls and Dimming        |                             |
|-----------------------------|-----------------------------|
| Dimmable                    | Yes                         |
| Mechanical and Housing      |                             |
| Housing material            | Aluminium pressure die cast |
| Optical cover/lens material | Polycarbonate               |
| Overall length              | 702 mm                      |
| Overall width               | 229 mm                      |
| Overall height              | 149 mm                      |
| Colour                      | Aluminium and Grey          |

| Approval and Application     |   |
|------------------------------|---|
| Ingress protection code      | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

| Initial Performance (IEC Compliant) |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 40200 lm |

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|                                |          |
|--------------------------------|----------|
| Luminous flux tolerance        | +/-10%   |
| Initial LED luminaire efficacy | 130 lm/W |
| Lamp colour temperature        | 3000 K   |
| Colour Rendering Index         | >70      |
| Initial input power            | 300 W    |
| Power consumption tolerance    | +/-10%   |

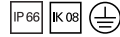
### Application Conditions

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

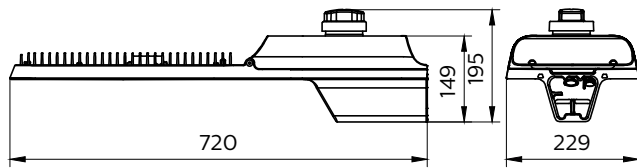
### Product Data

|                   |              |
|-------------------|--------------|
| Full product code | 911401675006 |
|-------------------|--------------|

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Order product name                | BRP494 LED402/WW 300W 220-240V DM GM |
| Order code                        | 911401675006                         |
| SAP numerator – quantity per pack | 1                                    |
| Numerator – packs per outer box   | 1                                    |
| SAP material                      | 911401675006                         |
| SAP net weight (piece)            | 7.000 kg                             |



## Dimensional drawing



BRP47x/BRP49x

