



# RoadFlair

## BRP391 LED45/WW 40W 220-240V DM

RoadFlair, 4512 lm, 40 W, 730 warm white, Safety class I, Sideentry for diameter 42 to 60 mm

Designed for major and city roads, Philips RoadFlair is a new and exciting product set to brighten your streets beyond imagination. Smartly-designed to bring cities the highest savings possible with best-in-class lumen per watt, this road lighting production comes at a competitive price bound to excite. Philips RoadFlair brings energy efficiency, improves a city's sustainability drive and delivers significant cost reduction in urban environments. The right road luminaire coupled with the right lighting application will create the best environment for your municipality, benefiting local communities and boosting tourism and businesses.

#### **Product data**

| General Information       |                                    |
|---------------------------|------------------------------------|
| Light source replaceable  | No                                 |
| Number of gear units      | 1 unit                             |
| Driver included           | Yes                                |
| Light source engine type  | LED                                |
| CE mark                   | CE mark                            |
| Warranty period           | 3 years                            |
| Flammability mark         | For mounting on normally flammable |
|                           | surfaces                           |
| ENEC mark                 | -                                  |
| EU RoHS compliant         | No                                 |
|                           |                                    |
| Light Technical           |                                    |
| Upward light output ratio | 0                                  |
| Luminous Flux             | 4,512 lm                           |

| Standard tilt angle posttop        | -              |
|------------------------------------|----------------|
| Standard tilt angle side entry     | O°             |
| Correlated Color Temperature (Nom) | 3000 K         |
| Luminous Efficacy (rated) (Nom)    | 112.8 lm/W     |
| Color rendering index (CRI)        | >70            |
| Light source color                 | 730 warm white |
| Optical cover type                 | -              |
| Optic type outdoor                 | -              |
|                                    |                |
| Operating and Electrical           |                |
| Input Voltage                      | 220 to 240 V   |
| Line Frequency                     | 50 to 60 Hz    |
| Inrush current                     | 7.4 A          |
| Inrush time                        | 0.0598 ms      |
| Power Consumption                  | 40 W           |

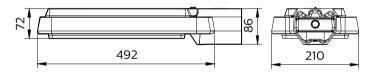
Datasheet, 2023, May 1 data subject to change

### RoadFlair

| Power Factor (Fraction)                     | 0.9                                 |  |
|---|-------------------------------------|--|
| Connection                                  | -                                   |  |
| Cable                                       | -                                   |  |
| Number of products on MCB of 16 A type B 11 |                                     |  |
|   |                                     |  |
| Temperature                                 |                                     |  |
| Ambient temperature range                   | −30 to +50 °C                       |  |
|   |                                     |  |
| Controls and Dimming                        |                                     |  |
| Dimmable                                    | No                                  |  |
| Driver/power unit/transformer               | Power supply unit (On/Off)          |  |
| Control interface                           | -                                   |  |
| Constant light output                       | No                                  |  |
|   |                                     |  |
| Mechanical and Housing                      |                                     |  |
| Housing Material                            | Aluminum die cast                   |  |
| Reflector material                          | -                                   |  |
| Optic material                              | Polycarbonate                       |  |
| Optical cover material                      | Polycarbonate                       |  |
| Fixation material                           | Aluminum                            |  |
| Housing Color                               | Grey                                |  |
| Mounting device                             | Side-entry for diameter 42 to 60 mm |  |
| Optical cover shape                         | Ball, globular                      |  |
| Optical cover finish                        |                                     |  |
| Overall length                              | 492 mm                              |  |
| Overall width                               | 210 mm                              |  |
| Overall height                              | 86 mm                               |  |
| Effective projected area                    | 0.1 m²                              |  |

| Dimensions (Height x Width x Depth) | 86 x 210 x 492 mm                            |
|-------------------------------------|--|
|                                     |  |
| Approval and Application            |  |
| Ingress protection code             | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK08 [5 J vandal-protected]                  |
| Protection class IEC                | Safety class I                               |
|                                     |  |
| Initial Performance (IEC Compliant) |  |
| Luminous flux tolerance             | +/-5%  |
| Initial chromaticity                | (0.43, 0.40) SDCM < 5                        |
| Power consumption tolerance         | +/-5%  |
|                                     |  |
| Over Time Performance (IEC Complia  | ant)   |
| Median useful life L70B50           | 100,000 hour(s)                              |
|                                     |  |
| Application Conditions              |  |
| Maximum dim level                   | Not applicable                               |
|                                     |  |
| Product Data                        |  |
| Order product name                  | BRP391 LED45/WW 40W 220-240V DM              |
| Full product name                   | BRP391 LED45/WW 40W 220-240V DM              |
| Full product code                   | 911401817698                                 |
| Order code                          | 01817698                                     |
| Material Nr. (12NC)                 | 911401817698                                 |
| Numerator - Quantity Per Pack       | 1  |
| Numerator - Packs per outer box     | 1  |
|                                     |  |

#### Dimensional drawing



### RoadFlair



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