



# RoadFlair

## BRP394 LED350/WW 310W 220-240V DM

RoadFlair, 34968 lm, 310 W, 730 warm white, Safety class I,  
Side-entry 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       |                                             |                                    |                |
|---------------------------|---------------------------------------------|------------------------------------|----------------|
| Lamp family code          | -                                           | Standard tilt angle posttop        | -              |
| Light source replaceable  | No                                          | Standard tilt angle side entry     | 0°             |
| Number of gear units      | 2 units                                     | Correlated Color Temperature (Nom) | 3000 K         |
| Driver included           | Yes                                         | Luminous Efficacy (rated) (Nom)    | 112.8 lm/W     |
| Light source engine type  | LED                                         | Color rendering index (CRI)        | >70            |
| CE mark                   | CE mark                                     | Light source color                 | 730 warm white |
| Warranty period           | 3 years                                     | Optical cover type                 | -              |
| Flammability mark         | For mounting on normally flammable surfaces | Optic type outdoor                 | -              |
| ENEC mark                 | -                                           | Operating and Electrical           |                |
| Light Technical           |                                             | Input Voltage                      | 220 to 240 V   |
| Upward light output ratio | 0                                           | Line Frequency                     | 50 to 60 Hz    |
| Luminous Flux             | 34,968 lm                                   | Inrush current                     | 92 A           |
|                           |                                             | Inrush time                        | 0.44 ms        |
|                           |                                             | Power Consumption                  | 310 W          |

|                                            |     |
|--------------------------------------------|-----|
| Power Factor (Fraction)                    | 0.9 |
| Connection                                 | -   |
| Cable                                      | -   |
| Number of products on MCB of 16 A type B 5 |     |

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -30 to +50 °C |
|---------------------------|---------------|

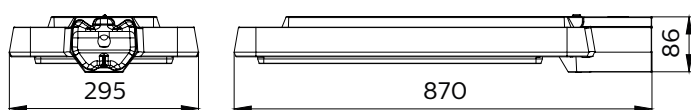
## Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| 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                   |
| 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                      | 870 mm                              |
| Overall width                       | 295 mm                              |
| Overall height                      | 86 mm                               |
| Effective projected area            | 0.25 m²                             |
| Dimensions (Height x Width x Depth) | 86 x 295 x 870 mm                   |

## Dimensional drawing



## 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 Compliant)

|                           |                 |
|---------------------------|-----------------|
| Median useful life L70B50 | 100,000 hour(s) |
|---------------------------|-----------------|

## Application Conditions

|                   |                |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

## Product Data

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Order product name              | BRP394 LED350/WW 310W 220-240V DM |
| Full product name               | BRP394 LED350/WW 310W 220-240V DM |
| Full product code               | 911401820398                      |
| Order code                      | 01820398                          |
| Material Nr. (12NC)             | 911401820398                      |
| Numerator - Quantity Per Pack   | 1                                 |
| Numerator - Packs per outer box | 1                                 |

