



# RoadFlair

## BRP392 LED150/NW 104W 220-240V DM PSR

4000 K

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                |                                | Line Frequency              |                     |
|------------------------------------|--------------------------------|-----------------------------|---------------------|
| Light source replaceable           | No                             | Line Frequency              | 50 or 60 Hz         |
| Driver included                    | Yes                            | Input Frequency             | 50 or 60 Hz         |
| Light source engine type           | LED                            | Power Consumption           | 104 W               |
|                                    |                                | Power Factor (Fraction)     | 0.9                 |
|                                    |                                | Connection                  | Mains outlet socket |
|                                    |                                | Cable                       | -                   |
| Light Technical                    |                                | Temperature                 |                     |
| Luminous Flux                      | 14,935 lumen                   | Ambient temperature range   | -40 to +50 °C       |
| Standard tilt angle posttop        | -                              |                             |                     |
| Standard tilt angle side entry     | -                              | Controls and Dimming        |                     |
| Correlated Color Temperature (Nom) | 4000 K                         | Dimmable                    | Yes                 |
| Luminous Efficacy (rated) (Nom)    | 140 lm/W                       | Control interface           | Analog              |
| Color rendering index (CRI)        | >70                            |                             |                     |
| Light source color                 | 740 neutral white              | Mechanical and Housing      |                     |
| Optical cover/lens type            | Polycarbonate micro lens optic | Housing Material            | Aluminum die cast   |
|                                    |                                | Optical cover/lens material | Polycarbonate       |
| Operating and Electrical           |                                |                             |                     |
| Input Voltage                      | 220 to 240 V                   |                             |                     |

# RoadFlair

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Housing Color                       | Gray                                |
| Mounting device                     | Side-entry for diameter 48 to 60 mm |
| Optical cover/lens shape            | Ball, globular                      |
| Optical cover/lens finish           | Frosted                             |
| Overall length                      | 492 mm                              |
| Overall width                       | 295 mm                              |
| Overall height                      | 86 mm                               |
| Effective projected area            | 0.14 m <sup>2</sup>                 |
| Dimensions (Height x Width x Depth) | 86 x 295 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                               |
| Flammability mark            | For mounting on normally flammable surfaces  |
| CE mark                      | CE mark                                      |
| ENEC mark                    | -  |

## Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

|                             |                       |
|-----------------------------|-----------------------|
| Initial chromaticity        | (0.43, 0.40) SDCM < 5 |
| Power consumption tolerance | +/-10%                |

## Application Conditions

|                   |     |
|-------------------|-----|
| Maximum dim level | 10% |
|-------------------|-----|

## Product Data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Full product code               | 911401863098                          |
| Order product name              | BRP392 LED150/NW 104W 220-240V DM PSR |
| Order code                      | 01863098                              |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 1                                     |
| Material number (12NC)          | 911401863098                          |
| Full product name               | BRP392 LED150/NW 104W 220-240V DM PSR |



## Dimensional drawing

