PHILIPS

Lighting



# RoadFlair

## BRP393 LED237/WW 210W 220-240V DM GM

RoadFlair, 23688 lm, 210 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** | - |
| **Light source replaceable** | No |
| **Number of gear units** | 2 units |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | - |
| **ENEC mark** | - |

| Light Technical | |
|---|---|
| **Upward light output ratio** | 0 |
| **Luminous Flux** | 23,688 lm |
| **Standard tilt angle posttop** | - |
| **Standard tilt angle side entry** | 0° |
| **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** | 92 A |
| **Inrush time** | 0.44 ms |
| **Power Consumption** | 210 W |
| **Power Factor (Fraction)** | 0.9 |

# RoadFlair

| | |
|---|---|
| **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** | 650 mm |
| **Overall width** | 295 mm |
| **Overall height** | 86 mm |
| **Effective projected area** | 0.17 m² |
| **Dimensions (Height x Width x Depth)** | 86 x 295 x 650 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** | (0.433, 0.401) SDCM>5 |
| **Power consumption tolerance** | +/-5% |

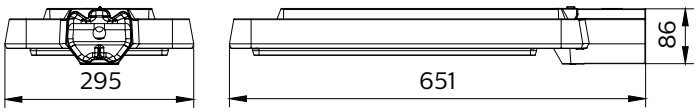
## Application Conditions

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

## Product Data

| | |
|---|---|
| **Order product name** | BRP393 LED237/WW 210W 220-240V DM GM |
| **Full product name** | BRP393 LED237/WW 210W 220-240V DM GM |
| **Full product code** | 911401611204 |
| **Order code** | 01611204 |
| **Material Nr. (12NC)** | 911401611204 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |

## Dimensional drawing






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www.lighting.philips.com
2023, May 1 - data subject to change