



RoadFlair Gen2

BRP491 LED142/NW 100W 220-240V DM GM

RoadFlair Gen2, 14200 lm, 100 W, 740 neutral white, Analog, Safety class I

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

Product data

| General Information | | Power Consumption | |
|------------------------------------|--------------------------------|---------------------------|-------------------------------|
| Driver included | Yes | Power Factor (Fraction) | 0.95 |
| CE mark | CE mark | Connection | Screw connection block 3-pole |
| | | Cable | - |
| Light Technical | | Temperature | |
| Luminous Flux | 14,200 lm | Ambient temperature range | -40 to +50 °C |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 140 lm/W | Controls and Dimming | |
| Color rendering index (CRI) | >70 | Dimmable | Yes |
| Light source color | 740 neutral white | Control interface | Analog |
| Optical cover type | Polycarbonate micro lens optic | | |
| Operating and Electrical | | Mechanical and Housing | |
| Input Voltage | 220 to 240 V | Housing Material | Aluminium pressure die cast |
| Line Frequency | 50 or 60 Hz | Optical cover material | Polycarbonate |

RoadFlair Gen2

| | |
|-------------------------------------|--------------------|
| Housing Color | Aluminum and gray |
| Overall length | 355 mm |
| Overall width | 230 mm |
| Overall height | 136 mm |
| Dimensions (Height x Width x Depth) | 136 x 230 x 355 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)

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

Product Data

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|---------------------------------|--------------------------------------|
| Order product name | BRP491 LED142/NW 100W 220-240V DM GM |
| Full product name | BRP491 LED142/NW 100W 220-240V DM GM |
| Full product code | 872016972837000 |
| Order code | 911401673306 |
| Material Nr. (12NC) | 911401673306 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169728370 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169728370 |

Dimensional drawing

