



RoadCharm

BRP472 LED 231/NW 179W 220-240V DME

RoadCharm, 23100 lm, 179 W, 740 neutral white, Safety class I, Side-entry for diameter 48 to 60 mm

Developed with the aim to become your long term partner ,the system ready architecture of RoadCharm enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come. It is designed to achieve better light uniformity and a maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminum housing and Philips LED platform, it is easy to maintain, has a long lifetime, and a consistency you can count on. It also offers 2 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. RoadCharm offers 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis.

Product data

| General Information | |
|------------------------------------|---------------------------------------------|
| Light source replaceable | No |
| Driver included | Yes |
| Light source engine type | LED |
| CE mark | CE mark |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | - |
| Light Technical | |
| Luminous Flux | 23,100 lm |
| Standard tilt angle posttop | - |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 130 lm/W |

| Color rendering index (CRI) | >70 |
|-----------------------------|--------------------------------|
| Light source color | 740 neutral white |
| Optical cover type | Polycarbonate micro lens optic |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Power Consumption | 179 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Mains outlet socket |
| Cable | - |

| Temperature | |
|-------------------------------------|-------------------------------------|
| Ambient temperature range | -40 to +50 °C |
| Controls and Dimming | |
| Dimmable | No |
| Control interface | - |
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | Gray |
| Mounting device | Side-entry for diameter 48 to 60 mm |
| Optical cover shape | Ball, globular |
| Optical cover finish | Clear |
| Overall length | 1,012 mm |
| Overall width | 364 mm |
| Overall height | 115 mm |
| Effective projected area | 0.32 m² |
| Dimensions (Height x Width x Depth) | 115 x 364 x 1012 mm |

| Approval and Application | |
|----------------------------------------|--------------------------------------------------------------------------------------|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 15 kV differential mode and 15 kV common mode |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM < 5 |
| Power consumption tolerance | +/-10% |
| Product Data | |
| Order product name | BRP472 LED 231/NW 179W 220-240V DME |
| Full product name | BRP472 LED 231/NW 179W 220-240V DME |
| Full product code | 911401661505 |
| Order code | 911401661505 |
| Material Nr. (12NC) | 911401661505 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

