



RoadCharm

BRP472 LED 313/NW 244W 220-240V DME

31300 lm - 244 W - 4000 K

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 aluminium housing and Philips LED platform, it is easy to maintain, has a long lifetime and a consistency you can count on. It also offers two 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 | | Serviceability class | |
|--------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Lamp colour code | 740 neutral white | Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts | |
| Light source replaceable | No | Light Technical | |
| Driver included | Yes | Standard tilt angle post-top | - |
| Optical cover/lens type | PC-MLO [Polycarbonate micro lens optic] | Operating and Electrical | |
| Control interface | - | Input Voltage | 220 to 240 V |
| Connection | Mains outlet socket | Input frequency | 50 or 60 Hz |
| Cable | - | Power factor (min.) | 0.9 |
| Protection class IEC | Safety class I (I) | | |
| Flammability mark | F [For mounting on normally flammable surfaces] | | |
| CE mark | CE mark | | |
| ENEC mark | - | | |
| Constant light output | No | | |
| Light source engine type | LED | | |

Controls and Dimming

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|----------|----|
| Dimmable | No |
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Mechanical and Housing

| | |
|-----------------------------|--------------------------------------------|
| Housing material | Aluminum die-cast |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Mounting device | 48/60S [Side-entry for diameter 48-60 mm] |
| Optical cover/lens shape | Ball, globular |
| Optical cover/lens finish | Clear |
| Overall length | 1012 mm |
| Overall width | 364 mm |
| Overall height | 115 mm |
| Effective projected area | 0.32 m ² |
| Colour | Grey |

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 up to 15 kV differential mode and 15 kV common mode |

Initial Performance (IEC Compliant)

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|-------------------------------------|----------|
| Initial luminous flux (system flux) | 31300 lm |
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|--------------------------------|-----------------------|
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 130 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | >70 |
| Initial chromaticity | (0.38, 0.38) SDCM < 5 |
| Initial input power | 244 W |
| Power consumption tolerance | +/-10% |

Application Conditions

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|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Product Data

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|-----------------------------------|-------------------------------------|
| Full product code | 911401662305 |
| Order product name | BRP472 LED 313/NW 244W 220-240V DME |
| Order code | 911401662305 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401662305 |
| SAP net weight (piece) | 13.799 kg |



Dimensional drawing



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