

Lighting

PHILIPS

RoadGrace

BRP712 LED 131/NW 108W DM 42-60

RoadGrace, 12960 lm, 108 W, 740 neutral white, Safety class I, Side-entry for diameter 42 to 60 mm

We now light up roads differently. It's no longer just about functionality as it is also about how road lighting can effortlessly complement new areas, and seamlessly retrofit into existing areas. With the RoadGrace LED luminaire, you can upgrade to an energy efficiency solution, and amazing flexibility with its five optic options, optimized for multiple road and street applications, such as freeways, intersections, and crosswalks.

Product data

| General Information | |
|------------------------------------|-------------------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| CE mark | CE mark |
| Warranty period | 3 years |
| | |
| Light Technical | |
| Luminous Flux | 12,960 lm |
| Standard tilt angle posttop | 5° |
| Standard tilt angle side entry | 15° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 120 lm/W |
| Color rendering index (CRI) | >70 |
| Light source color | 740 neutral white |
| | |

| Operating and Electrical | | |
|---|----------------------------|--|
| Input Voltage | 220 to 240 V | |
| Line Frequency | 50 to 60 Hz | |
| Inrush current | 46 A | |
| Inrush time | 440 ms | |
| Power Consumption | 108 W | |
| Power Factor (Fraction) | 0.9 | |
| Number of products on MCB of 16 A type B 11 | | |
| | | |
| Temperature | | |
| Ambient temperature range | -40 to +50 °C | |
| | | |
| Controls and Dimming | | |
| Dimmable | No | |
| Driver/power unit/transformer | Power supply unit (On/Off) | |
| Control interface | - | |
| | | |

RoadGrace

| 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 |
| Overall length | 683 mm |
| Overall width | 388 mm |
| Overall height | 87 mm |
| Effective projected area | 0.227 m² |
| Dimensions (Height x Width x Depth) | 87 x 388 x 683 mm |

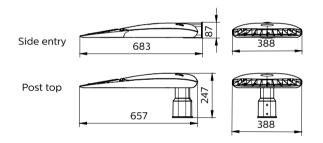
| IK08 [5 J vandal-protected] |
|---------------------------------|
| Safety class I |
| |
| |
| +/-5% |
| (0.433, 0.401) SDCM>5 |
| +/-10% |
| |
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Approval and Application

Ingress protection code

IP66 [Dust penetration-protected, jet-proof]

Dimensional drawing





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