



BRP121

BRP121 G2 LED108/WW 80W 220-240V GM

BRP121, 10800 lm, 80 W, 730 warm white, Safety class I, Side-entry for diameter 48 to 60 mm

This Philips pathway is a high endurance and low maintenance product which has high specs to fit common prof applications. It's a reliable product with peace of mind.

Product data

| General Information | |
|------------------------------------|-----------------------------------|
| Number of gear units | 1 unit |
| Gear | EB [Electronic] |
| Driver included | Yes |
| Light source engine type | LED |
| Value ladder | Value |
| Warranty period | 3 years |
| Light Technical | |
| Luminous Flux | 10,800 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 135 lm/W |
| Color rendering index (CRI) | ≥70 |
| Number of light sources | 1 |
| Light source color | 730 warm white |
| Optic type | Double asymmetric optic wide beam |
| Unified glare rating CEN | Not applicable |
| Effective projected area | 0.077 m ² |

| Operating and Electrical | |
|--|---------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 46 A |
| Inrush time | 0.03 ms |
| Power Consumption | 80 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |
| Cable | Cable without plug 3-pole |
| Number of products on MCB of 16 A type B | 9 |
| Suitable for random switching | No |
| Protection class IEC | Safety class I |
| Controls and Dimming | |
| Dimmable | - |
| Control interface | - |
| Maximum dim level | Not applicable |
| Mechanical and Housing | |
| Housing Material | Aluminum die-cast |

BRP121

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|-------------------------------------|--|
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | Grey |
| Mounting device | Side-entry for diameter 48 to 60 mm |
| Optical cover finish | Frosted |
| Overall length | 545 mm |
| Overall width | 168 mm |
| Overall height | 81 mm |
| Dimensions (Height x Width x Depth) | 81 x 168 x 545 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Optical cover type | Lens |
| Net Weight (Piece) | 1.660 kg |

Approval and Application

| | |
|----------------------|--|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | No |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |

| | |
|------------------------------------|-----------------|
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 35 °C |
| Ambient temperature range | -40 °C to 50 °C |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | -10% / +10% |
| Initial chromaticity | (0.438,0.403) SDCM<5 |
| Power consumption tolerance | +/-10% |

Product Data

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|---------------------------------|-------------------------------------|
| Order product name | BRP121 G2 LED108/WW 80W 220-240V GM |
| Full product name | BRP121 G2 LED108/WW 80W 220-240V GM |
| Full product code | 872110330391200 |
| Order code | 911401867287 |
| Material Nr. (12NC) | 911401867287 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103303912 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8721103303912 |

Dimensional drawing

