



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
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 m²
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
Reflector material	-
Optic material	Polycarbonate

BRP121

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

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

