



# **BRP121**

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

BRP121, 10800 lm, 80 W, 730 warm white, Safety class I, Sideentry 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	

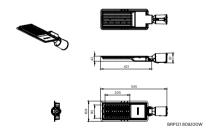
Datasheet, 2025, April 29 data subject to change

### **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 ℃
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
Full product name	BRP121 G2 LED108/WW 80W 220-240V
Full product code	692382868996400
Order code	911401865887
Material Nr. (12NC)	911401865887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828689964
Numerator - Packs per outer box	1
EAN/UPC - Case	6923828689964

#### Dimensional drawing





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