



# **BRP121**

# BRP121 G2 LED70/CW 50W 220-240V D48 GM

BRP121, 7000 lm, 50 W, 765 cool daylight, Safety class I, Sideentry for diameter 48 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	7,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥70
	≥70 1
Color rendering index (CRI)	
Color rendering index (CRI)  Number of light sources	1
Color rendering index (CRI)  Number of light sources  Light source color	1 765 cool daylight
Color rendering index (CRI)  Number of light sources  Light source color  Optic type	1 765 cool daylight Double asymmetric optic wide beam
Color rendering index (CRI)  Number of light sources  Light source color  Optic type  Unified glare rating CEN	1 765 cool daylight Double asymmetric optic wide beam Not applicable
Color rendering index (CRI)  Number of light sources  Light source color  Optic type  Unified glare rating CEN	1 765 cool daylight Double asymmetric optic wide beam Not applicable
Color rendering index (CRI)  Number of light sources  Light source color  Optic type  Unified glare rating CEN  Effective projected area	1 765 cool daylight Double asymmetric optic wide beam Not applicable

Line Frequency	50 or 60 Hz
Inrush current	35 A
Inrush time	0.033 ms
Power Consumption	50 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 11	
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

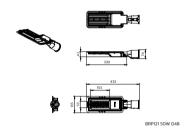
Datasheet, 2025, April 29 data subject to change

## **BRP121**

Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Side-entry for diameter 48 mm
Optical cover finish	Frosted
Overall length	454 mm
Overall width	135 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 x 135 x 454 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)	1.280 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	(0.312,0.328) SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BRP121 G2 LED70/CW 50W 220-240V D48
	GM
Full product name	BRP121 G2 LED70/CW 50W 220-240V D48
	GM
Full product code	872110330395000
Order code	911401867687
Material Nr. (12NC)	911401867687
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103303950
Numerator - Packs per outer box	1
Numerator - Packs per outer box EAN/UPC - Case	1 8721103303950

## Dimensional drawing





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