PHILIPS

Lighting

BRP121

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

BRP121, 7000 lm, 50 W, 765 cool daylight, Safety class I, Side-entry 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
Value ladder	Value
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
Number of light sources	1
Light source color	765 cool daylight
Optic type	Double asymmetric optic wide beam
Unified glare rating CEN	Not applicable
Effective projected area	0.052 m²

Operating and Electrical	
Input Voltage	220 to 240 V
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

BRP121

Reflector material	-
Optic material	Polycarbonate
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 °C
Ambient temperature range	-40 °C to 50 °C

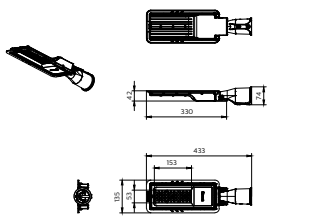
Initial Performance (IEC Compliant)

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
EAN/UPC - Case	8721103303950

Dimensional drawing



BRP121 50W D48

© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.