



BRP121

BRP121 G2 LED140/CW 100W 220-240V D48 GM

BRP121, 14000 lm, 100 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	14,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥70
Color rendering index (CRI) Number of light sources	≥70 1
Number of light sources	1
Number of light sources Light source color	1 765 cool daylight
Number of light sources Light source color Optic type	1 765 cool daylight Double asymmetric optic wide beam
Number of light sources Light source color Optic type Unified glare rating CEN	1 765 cool daylight Double asymmetric optic wide beam Not applicable
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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	52 A	
Inrush time	0.026 ms	
Power Consumption	100 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 8		
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	

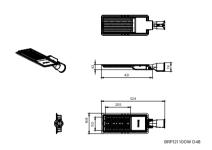
Datasheet, 2025, June 13 data subject to change

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Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Side-entry for diameter 48 mm
Optical cover finish	Frosted
Overall length	545 mm
Overall width	168 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 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)	1.720 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 LED140/CW 100W 220-240V
	D48 GM
Full product name	BRP121 G2 LED140/CW 100W 220-240V
	D48 GM
Full product code	872110330396700
Order code	911401867787
Material Nr. (12NC)	911401867787
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103303967
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103303967

Dimensional drawing





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