PHILIPS

Lighting

BRP121

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

BRP121, 14000 lm, 100 W, 765 cool daylight, 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
Value ladder	Value
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
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	0.077 m²

Operating and Electrical	
Input Voltage	220 to 240 V
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

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

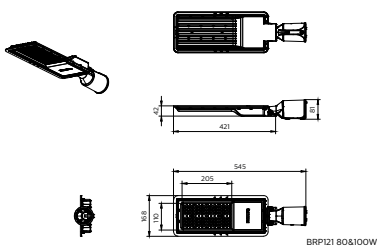
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.312,0.328) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	BRP121 G2 LED140/CW 100W 220-240V GM
Full product name	BRP121 G2 LED140/CW 100W 220-240V GM
Full product code	872110330394300
Order code	911401867587
Material Nr. (12NC)	911401867587
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103303943
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103303943

Dimensional drawing



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