PHILIPS

Lighting

StreetStar Gen2

BRP243 LED108/WW 80W DM0 PSU

StreetStar Gen2, 10800 lm, 80 W, 730 warm white, Safety class I, Side-entry for diameter 48 to 60 mm

StreetStar Gen2 brings great value for street lighting with its energy-efficient, cost-effective, slim but robust design. It's the perfect option for municipalities and businesses seeking a reliable and sustainable lighting solution. StreetStar Gen2 offers unparalleled value and performance.

Product data

General Information	
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Value ladder	Value

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
Light source color	730 warm white
Effective projected area	0.077 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	28 A
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	13
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	Fixed
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Glass
Housing Color	RAL7040
Mounting device	Side-entry for diameter 48 to 60 mm
Optical cover finish	Clear

StreetStar Gen2

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	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Tempered glass
Net Weight (Piece)	1.660 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 °C
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.33,0.40) SDCM<5
Power consumption tolerance	+/-10%

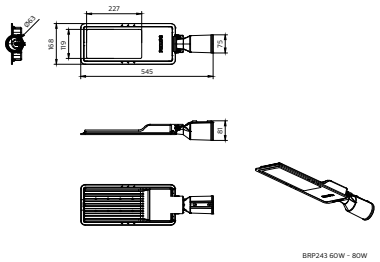
Application Conditions

Lumen Maintenance	50000hrs

Product Data

Order product name	BRP243 LED108/WW 80W DM0 PSU
Full product name	BRP243 LED108/WW 80W DM0 PSU
Full product code	872110330414800
Order code	911401868187
Material Nr. (12NC)	911401868187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103304148
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103304148

Dimensional drawing



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