



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		Power Factor (Fraction)	
Gear	EB [Electronic]		0.95
Driver included	Yes	Connection	Flying leads/wires
Light source engine type	LED	Cable	Cable without plug 3-pole
Value ladder	Value	Protection class IEC	Safety class I
Light Technical		Controls and Dimming	
Luminous Flux	10,800 lm	Dimmable	Fixed
Correlated Color Temperature (Nom)	3000 K	Control interface	-
Luminous Efficacy (rated) (Nom)	135 lm/W	Maximum dim level	Not applicable
Color rendering index (CRI)	≥70	Mechanical and Housing	
Light source color	730 warm white	Housing Material	Aluminum die-cast
Effective projected area	0.077 m ²	Reflector material	Polycarbonate
Operating and Electrical		Optic material	Polycarbonate
Input Voltage	220 to 240 V	Optical cover material	Glass
Line Frequency	50 or 60 Hz	Housing Color	RAL7040
Inrush current	28 A	Mounting device	Side-entry for diameter 48 to 60 mm
Power Consumption	80 W	Optical cover finish	Clear
		Overall length	545 mm

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

Product Data

Order product name	BRP243 LED108/WW 80W DMO PSU
Full product name	BRP243 LED108/WW 80W DMO 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

