



StreetStar Gen2

BRP242 LED70/NW 50W DMO PSU

StreetStar Gen2, 7000 lm, 50 W, 740 neutral 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	7,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white
Effective projected area	0.059 m ²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	35 A
Power Consumption	50 W

Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable without plug 3-pole
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
Overall length	503 mm

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Overall width	135 mm
Overall height	81 mm
Dimensions (Height x Width x Depth)	81 x 135 x 503 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)	1.650 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	(0.38,0.38) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	BRP242 LED70/NW 50W DMO PSU
Full product name	BRP242 LED70/NW 50W DMO PSU
Full product code	872110330421600
Order code	30421600
Material Nr. (12NC)	911401868887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103304216
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103304216

Dimensional drawing

