



# StreetStar Gen2

## BRP244 LED140/NW 100W DMO PSU

StreetStar Gen2, 14000 lm, 100 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		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	14,000 lm	Dimmable	Fixed
Correlated Color Temperature (Nom)	4000 K	Control interface	-
Luminous Efficacy (rated) (Nom)	140 lm/W	Maximum dim level	Not applicable
Color rendering index (CRI)	≥70	Mechanical and Housing	
Light source color	740 neutral white	Housing Material	Aluminum die-cast
Effective projected area	0.086 m <sup>2</sup>	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	32 A	Mounting device	Side-entry for diameter 48 to 60 mm
Power Consumption	100 W	Optical cover finish	Clear
		Overall length	618 mm

## StreetStar Gen2

Overall width	185 mm
Overall height	81 mm
Dimensions (Height x Width x Depth)	81 x 185 x 618 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)	1.980 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)

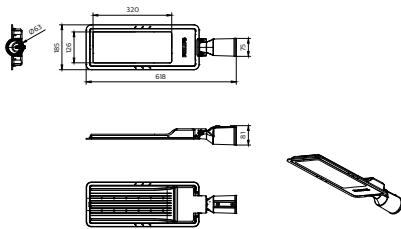
Luminous flux tolerance	+/-10%
-------------------------	--------

Initial chromaticity	(0.38,0.38) SDCM<5
Power consumption tolerance	+/-10%

### Product Data

Order product name	BRP244 LED140/NW 100W DMO PSU
Full product name	BRP244 LED140/NW 100W DMO PSU
Full product code	872110330424700
Order code	30424700
Material Nr. (12NC)	911401869187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103304247
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103304247

## Dimensional drawing



BRP244 90W - 120W

