



# StreetStar Gen2

## BRP245 LED202/WW 150W DMO PSU

StreetStar Gen2, 20200 lm, 150 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                      | 20,200 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           | 0.104 m <sup>2</sup> |
| Operating and Electrical           |                      |
| Input Voltage                      | 220 to 240 V         |
| Line Frequency                     | 50 or 60 Hz          |
| Inrush current                     | 54 A                 |
| Power Consumption                  | 150 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          | 655 mm                              |

## StreetStar Gen2

|                                     |  |
|-------------------------------------|--|
| Overall width                       | 210 mm                                       |
| Overall height                      | 81 mm  |
| Dimensions (Height x Width x Depth) | 81 x 210 x 655 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)                  | 2.250 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%             |

### Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | BRP245 LED202/WW 150W DMO PSU |
| Full product name               | BRP245 LED202/WW 150W DMO PSU |
| Full product code               | 872110330417900               |
| Order code                      | 30417900                      |
| Material Nr. (12NC)             | 911401868487                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8721103304179                 |
| Numerator - Packs per outer box | 1                             |
| EAN/UPC - Case                  | 8721103304179                 |

## Dimensional drawing

