



# GreenVision Xceed

## BRP372 LED166/WW 145W 220-240V DM MP1

GreenVision Xceed, 16675 lm, 145 W, 730 warm white, Safety class I, Side-entry for diameter 48 to 60 mm

GreenVision Xceed offers an affordable LED road lighting solution to the customer for both pedestrian and vehicle road applications. It offers 3 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. It is designed to achieve better light uniformity and maximum spacing between poles, while ensuring sufficient light on the road. Its die-cast aluminum housing and Philips LEDGINE LED platform ensures long lifetime and reliability. Best of all, GreenVision Xceed offers up to 50% of energy savings when compared to conventional lamp systems.

### Product data

| General Information                |           |
|------------------------------------|-----------|
| Light source replaceable           | Yes       |
| Number of gear units               | 1 unit    |
| Driver included                    | Yes       |
| Light source engine type           | LED       |
| CE mark                            | CE mark   |
| Warranty period                    | 3 years   |
| Light Technical                    |           |
| Luminous Flux                      | 16,675 lm |
| Standard tilt angle posttop        | 0°        |
| Standard tilt angle side entry     | 0°        |
| Correlated Color Temperature (Nom) | 3000 K    |
| Luminous Efficacy (rated) (Nom)    | 115 lm/W  |
| Color rendering index (CRI)        | 70        |

|                               |                            |
|-------------------------------|----------------------------|
| Light source color            | 730 warm white             |
| Optical cover type            | Clear glass                |
| Operating and Electrical      |                            |
| Input Voltage                 | 220 to 240 V               |
| Line Frequency                | 50 to 60 Hz                |
| Power Consumption             | 145 W                      |
| Power Factor (Fraction)       | 0.9                        |
| Temperature                   |                            |
| Ambient temperature range     | -40 to +50 °C              |
| Controls and Dimming          |                            |
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |

|                       |    |
|-----------------------|----|
| Constant light output | No |
|-----------------------|----|

Mechanical and Housing

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Housing Material                    | Aluminum die cast                   |
| Optical cover material              | Polycarbonate                       |
| Fixation material                   | Aluminum                            |
| Housing Color                       | Grey                                |
| Mounting device                     | Side-entry for diameter 48 to 60 mm |
| Optical cover shape                 | Ball, globular                      |
| Optical cover finish                | Clear                               |
| Overall length                      | 522 mm                              |
| Overall width                       | 318 mm                              |
| Overall height                      | 136 mm                              |
| Effective projected area            | 0.166 m²                            |
| Dimensions (Height x Width x Depth) | 136 x 318 x 522 mm                  |

Approval and Application

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| Ingress protection code                | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK08 [5 J vandal-protected]                  |
| Surge Protection (Common/Differential) | Philips standard surge protection level      |

|                      |                |
|----------------------|----------------|
| Protection class IEC | Safety class I |
|----------------------|----------------|

Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous flux tolerance     | +/-5%  |
| Initial chromaticity        | SDCM>5 |
| Power consumption tolerance | +/-5%  |

Application Conditions

|                   |                |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

Product Data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | BRP372 LED166/WW 145W 220-240V DM MP1 |
| Full product name               | BRP372 LED166/WW 145W 220-240V DM MP1 |
| Full product code               | 911401830698                          |
| Order code                      | 01830698                              |
| Material Nr. (12NC)             | 911401830698                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 1                                     |

Dimensional drawing

