



# GreenVision Xceed

## BRP371 LED59/NW 55W 220-240V DM MP1

740 neutral white, 55 W, 220-240 V

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

|                                    |                                             |                                      |  |
|------------------------------------|---------------------------------------------|--------------------------------------|--|
| <b>General Information</b>         |                                             | <b>Power Consumption</b>             |  |
| Driver included                    | Yes                                         | 55 W                                 |  |
| Flammability mark                  | For mounting on normally flammable surfaces | <b>Power Factor (Fraction)</b>       |  |
| CE mark                            | CE mark                                     | 0.95                                 |  |
| ENEC mark                          | -                                           | <b>Connection</b>                    |  |
|                                    |                                             | Connection unit 3-pole               |  |
|                                    |                                             | <b>Cable</b>                         |  |
|                                    |                                             | -                                    |  |
|                                    |                                             | <b>Temperature</b>                   |  |
|                                    |                                             | <b>Ambient temperature range</b>     |  |
|                                    |                                             | -40 to +50 °C                        |  |
|                                    |                                             | <b>Controls and Dimming</b>          |  |
|                                    |                                             | <b>Dimmable</b>                      |  |
|                                    |                                             | No                                   |  |
|                                    |                                             | <b>Driver/power unit/transformer</b> |  |
|                                    |                                             | Power supply unit (On/Off)           |  |
|                                    |                                             | <b>Control interface</b>             |  |
|                                    |                                             | -                                    |  |
|                                    |                                             | <b>Constant light output</b>         |  |
|                                    |                                             | No                                   |  |
|                                    |                                             | <b>Mechanical and Housing</b>        |  |
|                                    |                                             | <b>Housing Material</b>              |  |
|                                    |                                             | Aluminum                             |  |
|                                    |                                             | <b>Optic material</b>                |  |
|                                    |                                             | Polycarbonate                        |  |
| <b>Light Technical</b>             |                                             |                                      |  |
| Luminous Flux                      | 5,900 lm                                    |                                      |  |
| Correlated Color Temperature (Nom) | 3000 K                                      |                                      |  |
| Luminous Efficacy (rated) (Nom)    | 107.3 lm/W                                  |                                      |  |
| Color rendering index (CRI)        | >70                                         |                                      |  |
| Light source color                 | 740 neutral white                           |                                      |  |
| Optical cover type                 | Clear glass                                 |                                      |  |
| <b>Operating and Electrical</b>    |                                             |                                      |  |
| Input Voltage                      | 220-240 V                                   |                                      |  |
| Line Frequency                     | 50 to 60 Hz                                 |                                      |  |

|                                     |                    |
|-------------------------------------|--------------------|
| Optical cover material              | Polycarbonate      |
| Fixation material                   | Aluminum           |
| Housing Color                       | Gray               |
| Overall length                      | 422 mm             |
| Overall width                       | 318 mm             |
| Overall height                      | 136 mm             |
| Effective projected area            | 0.134 m²           |
| Dimensions (Height x Width x Depth) | 136 x 318 x 422 mm |

Approval and Application

|                              |                                              |
|------------------------------|----------------------------------------------|
| Ingress protection code      | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected]                  |
| Protection class IEC         | Safety class I                               |

Initial Performance (IEC Compliant)

|                         |       |
|-------------------------|-------|
| Luminous flux tolerance | +/-5% |
|-------------------------|-------|

|                             |                       |
|-----------------------------|-----------------------|
| Initial chromaticity        | (0.43, 0.40) SDCM < 5 |
| Power consumption tolerance | +/-5%                 |

Over Time Performance (IEC Compliant)

|                           |                 |
|---------------------------|-----------------|
| Median useful life L70B50 | 100,000 hour(s) |
|---------------------------|-----------------|

Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | BRP371 LED59/NW 55W 220-240V DM MP1 |
| Full product name               | BRP371 LED59/NW 55W 220-240V DM MP1 |
| Full product code               | 911401675802                        |
| Order code                      | 911401675802                        |
| Material Nr. (12NC)             | 911401675802                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 1                                   |

Dimensional drawing

