



# GreenVision Xceed Gen2

## BRP383 LED280/NW 200W 220-240V DM PSR

GreenVision Xceed Gen2 - 28000 lm - 200 W - 4000 K

Sustainability, citizen well-being and connectivity are key players in the game of differentiation among cities all over the world. And a way of achieving these goals is lighting; Lighting up streets and roads enhance the comfort, security and overall safety of our rapidly growing urban environments. Our GreenVision Xceed Gen2 makes an affordable LED road lighting solution that ensures sufficient light on your roads and streets; The GreenVision Xceed Gen2 family from Signify provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, roadways and rural areas – our luminaires provide optimal light for all application areas. Additionally, the GreenVision Xceed Gen2 is ready to be connected to, and work with, smart city ecosystems; Our new GreenVision Xceed Gen2 range is enhanced to give city lighting departments even more control – to choose the right light

### Product data

| General Information           |  | Operating and Electrical |  |
|-------------------------------|--|--------------------------|--|
| Lamp colour code              | 740 neutral white                        | Flammability mark        | F [ For mounting on normally flammable surfaces] |
| Light source replaceable      | No                                       | CE mark                  | CE mark  |
| Driver/power unit/transformer | PSR [ Power supply unit regulating]      | Warranty period          | 3 years  |
| Driver included               | Yes                                      | Constant light output    | No   |
| Optical cover/lens type       | PC-MLO [ Polycarbonate micro lens optic] | Input Voltage            | 220 to 240 V                                     |
| Control interface             | Analog                                   | Input frequency          | 50 or 60 Hz                                      |
| Connection                    | No [ -]                                  | Power factor (min.)      | 0.9  |
| Cable                         | -  |                          |  |
| Protection class IEC          | Safety class I (I)                       |                          |  |

# GreenVision Xceed Gen2

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|                             |                     |
|-----------------------------|---------------------|
| Housing material            | Aluminum die-cast   |
| Optic material              | Polycarbonate       |
| Optical cover/lens material | Glass               |
| Fixation material           | Aluminium           |
| Overall length              | 736 mm              |
| Overall width               | 314 mm              |
| Overall height              | 138 mm              |
| Effective projected area    | 0.23 m <sup>2</sup> |
| Colour                      | Grey                |

## Approval and Application

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

## Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 28000 lm |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 140 lm/W |
| Lamp colour temperature             | 4000 K   |

|                             |                       |
|-----------------------------|-----------------------|
| Colour Rendering Index      | >70                   |
| Initial chromaticity        | (0.43, 0.40) SDCM < 5 |
| Initial input power         | 200 W                 |
| Power consumption tolerance | +/-10%                |

## Over Time Performance (IEC Compliant)

|                           |          |
|---------------------------|----------|
| Median useful life L70B50 | 100000 h |
|---------------------------|----------|

## Application Conditions

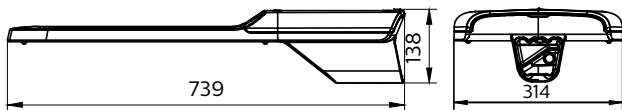
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dimming level     | 10%           |

## Product Data

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Full product code                 | 911401874898                          |
| Order product name                | BRP383 LED280/NW 200W 220-240V DM PSR |
| Order code                        | 911401874898                          |
| SAP numerator – quantity per pack | 1                                     |
| Numerator – packs per outer box   | 1                                     |
| SAP material                      | 911401874898                          |
| SAP net weight (piece)            | 9.999 kg                              |



## Dimensional drawing



BRP3xx

