

# GreenVision Xceed Gen2

## BRP383 LED386/NW 280W 220-240V DM PSR

GreenVision Xceed Gen2 - 38600 lm - 280 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 this 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 & streets; The GreenVision Xceed Gen2 family from Signify provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, highways and rural areas – our luminaires provide the optimal light for all application areas. And, GreenVision Xceed Gen2 is ready to be connected and work with smart city ecosystem; 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 |              |
|-------------------------------|---|--------------------------|--------------|
| Light source color            | 740 neutral white                           | CE mark                  | CE mark      |
| Light source replaceable      | No  | Warranty period          | 3 years      |
| Driver/power unit/transformer | Power supply unit regulating                | Constant light output    | No           |
| Driver included               | Yes   | Input Voltage            | 220 to 240 V |
| Optical cover/lens type       | Polycarbonate micro lens optic              | Input Frequency          | 50 or 60 Hz  |
| Control interface             | Analog                                      | Power Factor (Min)       | 0.9          |
| Connection                    | -   |                          |              |
| Cable                         | -   |                          |              |
| Protection class IEC          | Safety class I                              |                          |              |
| Flammability mark             | For mounting on normally flammable surfaces |                          |              |

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## Controls and dimming

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

## Mechanical and housing

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

## 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) | 38600 lm |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 140 lm/W |
| Init. Corr. Color Temperature       | 4000 K   |

|                             |                       |
|-----------------------------|-----------------------|
| Init. Color Rendering Index | >70                   |
| Initial chromaticity        | (0.43, 0.40) SDCM < 5 |
| Initial input power         | 280 W                 |
| Power consumption tolerance | +/-10%                |

## Over time performance (IEC compliant)

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

## Application conditions

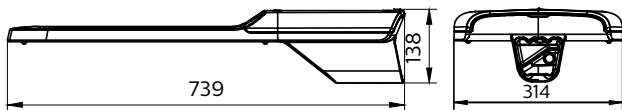
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dim level         | 10%           |

## Product data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Full product code               | 911401874198                          |
| Order product name              | BRP383 LED386/NW 280W 220-240V DM PSR |
| Order code                      | 911401874198                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 1                                     |
| Material Nr. (12NC)             | 911401874198                          |
| Copy Net Weight (Piece)         | 9.999 kg                              |



## Dimensional drawing



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