



# GreenVision Xceed Gen2

## BRP381 LED23/NW 20W 220-240V DWP P7 HP

2300 lm - 20 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                                | CE mark                  | CE mark      |
| Driver included         | Yes  | Input Voltage            | 220 to 240 V |
| Optical cover/lens type | GT [ Tempered glass]                             | Input frequency          | 50 or 60 Hz  |
| Control interface       | Analog   | Power factor (min.)      | -            |
| Connection              | SI [ Screw connection block]                     | Controls and Dimming     |              |
| Cable                   | -  | Dimmable                 | Yes          |
| Protection class IEC    | Safety class I (I)                               |                          |              |
| Flammability mark       | F [ For mounting on normally flammable surfaces] |                          |              |

## GreenVision Xceed Gen2

### Mechanical and Housing

|                             |                             |
|-----------------------------|-----------------------------|
| Housing material            | Aluminium pressure die cast |
| Optical cover/lens material | Polycarbonate               |
| Effective projected area    | 0.14 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) | 2300 lm               |
| Luminous flux tolerance             | +/-10%                |
| Initial LED luminaire efficacy      | 115 lm/W              |
| Lamp colour temperature             | 4000 K                |
| Colour Rendering Index              | >70                   |
| Initial chromaticity                | (0.38, 0.38) SDCM < 5 |
| Initial input power                 | 20 W                  |

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

### Application Conditions

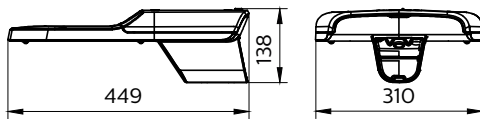
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

### Product Data

|                                   |  |
|-----------------------------------|--|
| Full product code                 | 911401675106                           |
| Order product name                | BRP381 LED23/NW 20W 220-240V DWP P7 HP |
| Order code                        | 911401675106                           |
| Local order code                  | BRP381L20WDWPP7                        |
| SAP numerator – quantity per pack | 1                                      |
| Numerator – packs per outer box   | 1                                      |
| SAP material                      | 911401675106                           |
| SAP net weight (piece)            | 6.400 kg                               |



## Dimensional drawing



BRP3xx

