



# Make roads safer and sustainable.

## GreenVision Xceed Gen2

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

### Benefits

- Robust & Reliable with a long service lifetime
- Elegant finless design
- Equipped with a Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation, and spare part information

### Features

- System efficacy 140lm/W  $\pm 10\%$
- Long service lifetime 100Khrs L70@Ta 35°C
- With 10kV or 15kV Surge protection Device

### Application

- Pedestrian category roads (P1-P6)
- Vehicle category roads (M1-M6)
- Traffic routes and main access road
- Urban and residential area

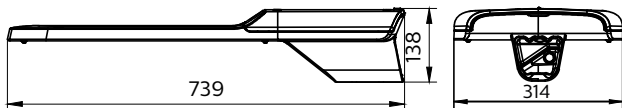
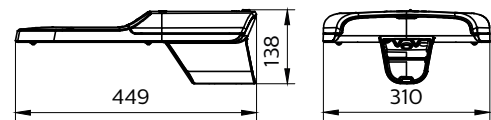
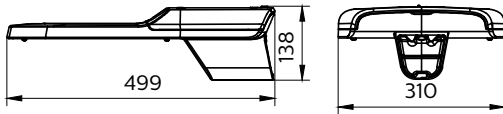
# GreenVision Xceed Gen2

## Specifications

|   |   |
|---|---|
| <b>Material</b>                           | Housing: die-cast aluminiumOptic: polycarbonateOptic cover: glass |
| <b>Light Source</b>                       | 3030 LED5050 LEDHigh Power LED                                    |
| <b>Installation</b>                       | Side entry 42-60mmOptional adjustable spigot                      |
| <b>Luminous flux</b>                      | System flux up to 55000lm   |
| <b>Correlated color temperature - CCT</b> | 5700K4000K3000K2700K2200K   |
| <b>Luminaire efficacy</b>                 | 4000K: 140lm/WOptional 4000K 160lm/W                              |
| <b>Color Rendering index - CRI</b>        | 70  |

|                                    |  |
|------------------------------------|--|
| <b>Power</b>                       | up to 390W   |
| <b>Mains Voltage</b>               | 220-240V / 50-60HzOptional 120-277V / 50-60Hz                            |
| <b>Control system input</b>        | DALI / 1-10V / D4i   |
| <b>Dimming</b>                     | PSR: 1-10VPSD: DALIPSC: Coded mainsSPRD: 1-10V, Step dimming, AOCSR: D4i |
| <b>Operating Temperature range</b> | -40 to +50C Ta   |
| <b>Ingress protection</b>          | IP66   |
| <b>Certification</b>               | IECEE CB, CE, CQC, RCM, D4i  |

## Dimensional drawing



## General Information

|                 |     |
|-----------------|-----|
| Driver included | Yes |
| Service tag     | Yes |

## Light Technical

|                             |     |
|-----------------------------|-----|
| Color rendering index (CRI) | >70 |
|-----------------------------|-----|

## Controls and Dimming

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

## Mechanical and Housing

|                              |      |
|------------------------------|------|
| Housing Color                | Gray |
| Mech. impact protection code | IK08 |
| Ingress protection code      | IP66 |

## Approval and Application

|                   |   |
|-------------------|---|
| CE mark           | Yes   |
| Flammability mark | For mounting on normally flammable surfaces |

## General Information

| Order Code   | Full Product Name                        | Light source replaceable |
|--------------|--|--------------------------|
| 911401675506 | BRP383 LED199/NW 150W 220-240V DWV P7 HP | -                        |
| 911401874198 | BRP383 LED386/NW 280W 220-240V DM PSR    | No                       |
| 911401874698 | BRP383 LED315/NW 225W 220-240V DM PSR    | No                       |
| 911401874898 | BRP383 LED280/NW 200W 220-240V DM PSR    | No                       |
| 911401874998 | BRP383 LED268/NW 190W 220-240V DM PSR    | No                       |
| 911401875098 | BRP383 LED243/NW 175W 220-240V DM PSR    | No                       |
| 911401875298 | BRP383 LED220/NW 160W 220-240V DM PSR    | No                       |
| 911401876398 | BRP383 LED346/WW 260W 220-240V DM PSR    | No                       |
| 911401877098 | BRP383 LED232/WW 175W 220-240V DM PSR    | No                       |
| 911401877298 | BRP383 LED210/WW 160W 220-240V DM PSR    | No                       |
| 911401669606 | BRP381 LED132/NW 100W 220-240V DWP P7 HP | -                        |
| 911401675106 | BRP381 LED23/NW 20W 220-240V DWP P7 HP   | -                        |
| 911401675206 | BRP381 LED45/NW 35W 220-240V DWP P7 HP   | -                        |
| 911401675306 | BRP381 LED78/NW 60W 220-240V DWP P7 HP   | -                        |
| 911401675406 | BRP381 LED111/NW 90W 220-240V DWP P7 HP  | -                        |
| 911401875698 | BRP381 LED145/NW 105W 220-240V DM PSR    | No                       |
| 911401875798 | BRP381 LED133/NW 95W 220-240V DM PSR     | No                       |
| 911401875898 | BRP381 LED122/NW 85W 220-240V DM PSR     | No                       |
| 911401875998 | BRP381 LED99/NW 70W 220-240V DM PSR      | No                       |
| 911401876098 | BRP381 LED87/NW 60W 220-240V DM PSR      | No                       |
| 911401877698 | BRP381 LED138/WW 105W 220-240V DM PSR    | No                       |
| 911401877798 | BRP381 LED127/WW 95W 220-240V DM PSR     | No                       |
| 911401878098 | BRP381 LED83/WW 60W 220-240V DM PSR      | No                       |
| 911401878198 | BRP381 LED75/NW 55W 220-240V DM PSR      | No                       |
| 911401878298 | BRP381 LED71/WW 55W 220-240V DM PSR      | No                       |
| 911401875398 | BRP382 LED193/NW 140W 220-240V DM PSR    | No                       |
| 911401875598 | BRP382 LED170/NW 120W 220-240V DM PSR    | No                       |
| 911401877398 | BRP382 LED184/WW 140W 220-240V DM PSR    | No                       |

## Light Technical

| Order Code   | Full Product Name                        | Correlated Color   |                   |               |
|--------------|--|--------------------|-------------------|---------------|
|              |  | Light source color | Temperature (Nom) | Luminous Flux |
| 911401675506 | BRP383 LED199/NW 150W 220-240V DWV P7 HP | 740 neutral white  | 4000 K            | 19,900 lm     |
| 911401874198 | BRP383 LED386/NW 280W 220-240V DM PSR    | 740 neutral white  | 4000 K            | 38,600 lm     |
| 911401874698 | BRP383 LED315/NW 225W 220-240V DM PSR    | 740 neutral white  | 4000 K            | 31,500 lm     |
| 911401874898 | BRP383 LED280/NW 200W 220-240V DM PSR    | 740 neutral white  | 4000 K            | 28,000 lm     |
| 911401874998 | BRP383 LED268/NW 190W 220-240V DM PSR    | 740 neutral white  | 4000 K            | 26,800 lm     |

| Order Code   | Full Product Name                     | Correlated Color   |                   |               |
|--------------|---------------------------------------|--------------------|-------------------|---------------|
|              |                                       | Light source color | Temperature (Nom) | Luminous Flux |
| 911401875098 | BRP383 LED243/NW 175W 220-240V DM PSR | 740 neutral white  | 4000 K            | 24,300 lm     |
| 911401875298 | BRP383 LED220/NW 160W 220-240V DM PSR | 740 neutral white  | 4000 K            | 22,000 lm     |
| 911401876398 | BRP383 LED346/WW 260W 220-240V DM PSR | 730 warm white     | 3000 K            | 34,600 lm     |
| 911401877098 | BRP383 LED232/WW 175W 220-240V DM PSR | 730 warm white     | 3000 K            | 23,200 lm     |
| 911401877298 | BRP383 LED210/WW 160W 220-240V DM PSR | 730 warm white     | 3000 K            | 21,000 lm     |

## GreenVision Xceed Gen2

| Order Code   | Full Product Name                              | Light source color   | Correlated Color  |               |
|--------------|--|----------------------|-------------------|---------------|
|              |  |                      | Temperature (Nom) | Luminous Flux |
| 911401669606 | BRP381 LED132/NW<br>100W 220-240V DWP<br>P7 HP | 740 neutral<br>white | 4000 K            | 13,200 lm     |
| 911401675106 | BRP381 LED23/NW<br>20W 220-240V DWP<br>P7 HP   | 740 neutral<br>white | 4000 K            | 2,300 lm      |
| 911401675206 | BRP381 LED45/NW<br>35W 220-240V DWP P7<br>HP   | 740 neutral<br>white | 4000 K            | 4,500 lm      |
| 911401675306 | BRP381 LED78/NW<br>60W 220-240V DWP<br>P7 HP   | 740 neutral<br>white | 4000 K            | 7,800 lm      |
| 911401675406 | BRP381 LED111/NW<br>90W 220-240V DWP<br>P7 HP  | 740 neutral<br>white | 4000 K            | 11,100 lm     |
| 911401875698 | BRP381 LED145/NW<br>105W 220-240V DM<br>PSR    | 740 neutral<br>white | 4000 K            | 14,500 lm     |
| 911401875798 | BRP381 LED133/NW<br>95W 220-240V DM<br>PSR     | 740 neutral<br>white | 4000 K            | 13,300 lm     |
| 911401875898 | BRP381 LED122/NW<br>85W 220-240V DM<br>PSR     | 740 neutral<br>white | 4000 K            | 12,200 lm     |
| 911401875998 | BRP381 LED99/NW<br>70W 220-240V DM<br>PSR      | 740 neutral<br>white | 4000 K            | 9,900 lm      |

| Order Code   | Full Product Name                           | Light source color   | Correlated Color  |               |
|--------------|---|----------------------|-------------------|---------------|
|              |   |                      | Temperature (Nom) | Luminous Flux |
| 911401876098 | BRP381 LED87/NW<br>60W 220-240V DM<br>PSR   | 740 neutral<br>white | 4000 K            | 8,700 lm      |
| 911401877698 | BRP381 LED138/WW<br>105W 220-240V DM<br>PSR | 730 warm<br>white    | 3000 K            | 13,800 lm     |
| 911401877798 | BRP381 LED127/WW<br>95W 220-240V DM<br>PSR  | 730 warm<br>white    | 3000 K            | 12,700 lm     |
| 911401878098 | BRP381 LED83/WW<br>60W 220-240V DM<br>PSR   | 730 warm<br>white    | 3000 K            | 8,300 lm      |
| 911401878198 | BRP381 LED75/NW<br>55W 220-240V DM PSR      | 740 neutral<br>white | 4000 K            | 7,500 lm      |
| 911401878298 | BRP381 LED71/WW<br>55W 220-240V DM PSR      | 730 warm<br>white    | 3000 K            | 7,100 lm      |
| 911401875398 | BRP382 LED193/NW<br>140W 220-240V DM<br>PSR | 740 neutral<br>white | 4000 K            | 19,300 lm     |
| 911401875598 | BRP382 LED170/NW<br>120W 220-240V DM<br>PSR | 740 neutral<br>white | 4000 K            | 17,000 lm     |
| 911401877398 | BRP382 LED184/WW<br>140W 220-240V DM<br>PSR | 730 warm<br>white    | 3000 K            | 18,400 lm     |

### Operating and Electrical

| Order Code   | Full Product Name                        | Power Consumption |
|--------------|--|-------------------|
| 911401675506 | BRP383 LED199/NW 150W 220-240V DWV P7 HP | 150 W             |
| 911401874198 | BRP383 LED386/NW 280W 220-240V DM PSR    | 280 W             |
| 911401874698 | BRP383 LED315/NW 225W 220-240V DM PSR    | 225 W             |
| 911401874898 | BRP383 LED280/NW 200W 220-240V DM PSR    | 200 W             |
| 911401874998 | BRP383 LED268/NW 190W 220-240V DM PSR    | 190 W             |
| 911401875098 | BRP383 LED243/NW 175W 220-240V DM PSR    | 175 W             |
| 911401875298 | BRP383 LED220/NW 160W 220-240V DM PSR    | 160 W             |
| 911401876398 | BRP383 LED346/WW 260W 220-240V DM PSR    | 260 W             |
| 911401877098 | BRP383 LED232/WW 175W 220-240V DM PSR    | 175 W             |
| 911401877298 | BRP383 LED210/WW 160W 220-240V DM PSR    | 160 W             |
| 911401669606 | BRP381 LED132/NW 100W 220-240V DWP P7 HP | 100 W             |
| 911401675106 | BRP381 LED23/NW 20W 220-240V DWP P7 HP   | 20 W              |
| 911401675206 | BRP381 LED45/NW 35W 220-240V DWP P7 HP   | 35 W              |
| 911401675306 | BRP381 LED78/NW 60W 220-240V DWP P7 HP   | 60 W              |

| Order Code   | Full Product Name                       | Power Consumption |
|--------------|---|-------------------|
| 911401675406 | BRP381 LED111/NW 90W 220-240V DWP P7 HP | 90 W              |
| 911401875698 | BRP381 LED145/NW 105W 220-240V DM PSR   | 105 W             |
| 911401875798 | BRP381 LED133/NW 95W 220-240V DM PSR    | 95 W              |
| 911401875898 | BRP381 LED122/NW 85W 220-240V DM PSR    | 85 W              |
| 911401875998 | BRP381 LED99/NW 70W 220-240V DM PSR     | 70 W              |
| 911401876098 | BRP381 LED87/NW 60W 220-240V DM PSR     | 60 W              |
| 911401877698 | BRP381 LED138/WW 105W 220-240V DM PSR   | 105 W             |
| 911401877798 | BRP381 LED127/WW 95W 220-240V DM PSR    | 95 W              |
| 911401878098 | BRP381 LED83/WW 60W 220-240V DM PSR     | 60 W              |
| 911401878198 | BRP381 LED75/NW 55W 220-240V DM PSR     | 55 W              |
| 911401878298 | BRP381 LED71/WW 55W 220-240V DM PSR     | 55 W              |
| 911401875398 | BRP382 LED193/NW 140W 220-240V DM PSR   | 140 W             |
| 911401875598 | BRP382 LED170/NW 120W 220-240V DM PSR   | 120 W             |
| 911401877398 | BRP382 LED184/WW 140W 220-240V DM PSR   | 140 W             |

### Controls and Dimming

## GreenVision Xceed Gen2

| Order Code   | Full Product Name                        | Maximum dim level |
|--------------|--|-------------------|
| 911401675506 | BRP383 LED199/NW 150W 220-240V DWV P7 HP | -                 |
| 911401874198 | BRP383 LED386/NW 280W 220-240V DM PSR    | 10%               |
| 911401874698 | BRP383 LED315/NW 225W 220-240V DM PSR    | 10%               |
| 911401874898 | BRP383 LED280/NW 200W 220-240V DM PSR    | 10%               |
| 911401874998 | BRP383 LED268/NW 190W 220-240V DM PSR    | 10%               |
| 911401875098 | BRP383 LED243/NW 175W 220-240V DM PSR    | 10%               |
| 911401875298 | BRP383 LED220/NW 160W 220-240V DM PSR    | 10%               |
| 911401876398 | BRP383 LED346/WW 260W 220-240V DM PSR    | 10%               |
| 911401877098 | BRP383 LED232/WW 175W 220-240V DM PSR    | 10%               |
| 911401877298 | BRP383 LED210/WW 160W 220-240V DM PSR    | 10%               |
| 911401669606 | BRP381 LED132/NW 100W 220-240V DWP P7 HP | -                 |
| 911401675106 | BRP381 LED23/NW 20W 220-240V DWP P7 HP   | -                 |
| 911401675206 | BRP381 LED45/NW 35W 220-240V DWP P7 HP   | -                 |
| 911401675306 | BRP381 LED78/NW 60W 220-240V DWP P7 HP   | -                 |

| Order Code   | Full Product Name                       | Maximum dim level |
|--------------|---|-------------------|
| 911401675406 | BRP381 LED111/NW 90W 220-240V DWP P7 HP | -                 |
| 911401875698 | BRP381 LED145/NW 105W 220-240V DM PSR   | 10%               |
| 911401875798 | BRP381 LED133/NW 95W 220-240V DM PSR    | 10%               |
| 911401875898 | BRP381 LED122/NW 85W 220-240V DM PSR    | 10%               |
| 911401875998 | BRP381 LED99/NW 70W 220-240V DM PSR     | 10%               |
| 911401876098 | BRP381 LED87/NW 60W 220-240V DM PSR     | 10%               |
| 911401877698 | BRP381 LED138/WW 105W 220-240V DM PSR   | 10%               |
| 911401877798 | BRP381 LED127/WW 95W 220-240V DM PSR    | 10%               |
| 911401878098 | BRP381 LED83/WW 60W 220-240V DM PSR     | 10%               |
| 911401878198 | BRP381 LED75/NW 55W 220-240V DM PSR     | 10%               |
| 911401878298 | BRP381 LED71/WW 55W 220-240V DM PSR     | 10%               |
| 911401875398 | BRP382 LED193/NW 140W 220-240V DM PSR   | 10%               |
| 911401875598 | BRP382 LED170/NW 120W 220-240V DM PSR   | 10%               |
| 911401877398 | BRP382 LED184/WW 140W 220-240V DM PSR   | 10%               |

### Mechanical and Housing

| Order Code   | Full Product Name                        | Optical cover type             |
|--------------|--|--------------------------------|
| 911401675506 | BRP383 LED199/NW 150W 220-240V DWV P7 HP | Tempered glass                 |
| 911401874198 | BRP383 LED386/NW 280W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401874698 | BRP383 LED315/NW 225W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401874898 | BRP383 LED280/NW 200W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401874998 | BRP383 LED268/NW 190W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401875098 | BRP383 LED243/NW 175W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401875298 | BRP383 LED220/NW 160W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401876398 | BRP383 LED346/WW 260W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401877098 | BRP383 LED232/WW 175W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401877298 | BRP383 LED210/WW 160W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401669606 | BRP381 LED132/NW 100W 220-240V DWP P7 HP | Tempered glass                 |
| 911401675106 | BRP381 LED23/NW 20W 220-240V DWP P7 HP   | Tempered glass                 |
| 911401675206 | BRP381 LED45/NW 35W 220-240V DWP P7 HP   | Tempered glass                 |
| 911401675306 | BRP381 LED78/NW 60W 220-240V DWP P7 HP   | Tempered glass                 |

| Order Code   | Full Product Name                       | Optical cover type             |
|--------------|---|--------------------------------|
| 911401675406 | BRP381 LED111/NW 90W 220-240V DWP P7 HP | Tempered glass                 |
| 911401875698 | BRP381 LED145/NW 105W 220-240V DM PSR   | Polycarbonate micro lens optic |
| 911401875798 | BRP381 LED133/NW 95W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401875898 | BRP381 LED122/NW 85W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401875998 | BRP381 LED99/NW 70W 220-240V DM PSR     | Polycarbonate micro lens optic |
| 911401876098 | BRP381 LED87/NW 60W 220-240V DM PSR     | Polycarbonate micro lens optic |
| 911401877698 | BRP381 LED138/WW 105W 220-240V DM PSR   | Polycarbonate micro lens optic |
| 911401877798 | BRP381 LED127/WW 95W 220-240V DM PSR    | Polycarbonate micro lens optic |
| 911401878098 | BRP381 LED83/WW 60W 220-240V DM PSR     | Polycarbonate micro lens optic |
| 911401878198 | BRP381 LED75/NW 55W 220-240V DM PSR     | Polycarbonate micro lens optic |
| 911401878298 | BRP381 LED71/WW 55W 220-240V DM PSR     | Polycarbonate micro lens optic |
| 911401875398 | BRP382 LED193/NW 140W 220-240V DM PSR   | Polycarbonate micro lens optic |
| 911401875598 | BRP382 LED170/NW 120W 220-240V DM PSR   | Polycarbonate micro lens optic |
| 911401877398 | BRP382 LED184/WW 140W 220-240V DM PSR   | Polycarbonate micro lens optic |

