



# GreenVision Xceed Gen2

## BRP383 LED243/NW 175W 220-240V DM PSR

GreenVision Xceed Gen2, 24300 lm, 175 W, 740 neutral white, Analog, Safety class I

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	
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	140 lm/W
Service tag	Yes	Color rendering index (CRI)	>70
Value ladder	Performance	Light source color	740 neutral white
Warranty period	3 years	Effective projected area	0.23 m <sup>2</sup>
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	24,300 lm	Line Frequency	50 or 60 Hz

## GreenVision Xceed Gen2

Power Consumption	175 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Protection class IEC	Safety class I

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No
Maximum dim level	10%

### Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Overall length	736 mm
Overall width	314 mm
Overall height	138 mm
Dimensions (Height x Width x Depth)	138 x 314 x 736 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate micro lens optic
Net Weight (Piece)	10.000 kg

### Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
Ambient temperature range	-40 to +50 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM < 5
Power consumption tolerance	+/-10%

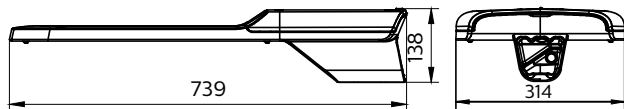
### Over Time Performance (IEC Compliant)

Median useful life L70B50	100,000 hour(s)
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### Product Data

Order product name	BRP383 LED243/NW 175W 220-240V DM PSR
Full product name	BRP383 LED243/NW 175W 220-240V DM PSR
Full product code	872016972382500
Order code	911401875098
Material Nr. (12NC)	911401875098
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169723825
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169723825

## Dimensional drawing



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