



GreenVision Xceed Gen2

BRP381 LED138/WW 105W 220-240V DM PSR

GreenVision Xceed Gen2, 13800 lm, 105 W, 730 warm 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 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		Luminous Efficacy (rated) (Nom)	
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	133 lm/W
Driver included	Yes	Color rendering index (CRI)	>70
Service tag	Yes	Light source color	730 warm white
Value ladder	Performance	Effective projected area	0.14 m ²
Warranty period	3 years	Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	13,800 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	3000 K	Power Consumption	105 W
		Power Factor (Fraction)	0.9

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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	446 mm
Overall width	310 mm
Overall height	138 mm
Dimensions (Height x Width x Depth)	138 x 310 x 446 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)	5.300 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%

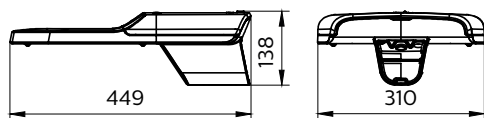
Over Time Performance (IEC Compliant)

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

Order product name	BRP381 LED138/WW 105W 220-240V DM PSR
Full product name	BRP381 LED138/WW 105W 220-240V DM PSR
Full product code	872016952035600
Order code	911401877698
Material Nr. (12NC)	911401877698
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169520356
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169520356

Dimensional drawing



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