



GreenVision Xceed Gen2

BRP381 LED145/NW 105W 220-240V DM PSR

GreenVision Xceed Gen2 - 14500 lm - 105 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	Flammability mark	F [For mounting on normally flammable surfaces]
Light source replaceable	No	CE mark	CE mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	Warranty period	3 years
Driver included	Yes	Constant light output	No
Optical cover/lens type	PC-MLO [Polycarbonate micro lens optic]	Input Voltage	220 to 240 V
Control interface	Analog	Input frequency	50 or 60 Hz
Connection	No [-]	Power factor (min.)	0.9
Cable	-		
Protection class IEC	Safety class I (I)		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Overall length	446 mm
Overall width	310 mm
Overall height	138 mm
Effective projected area	0.14 m ²
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)	14500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Lamp colour temperature	4000 K

Colour Rendering Index	>70
Initial chromaticity	(0.43, 0.40) SDCM < 5
Initial input power	105 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	100000 h
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Application Conditions

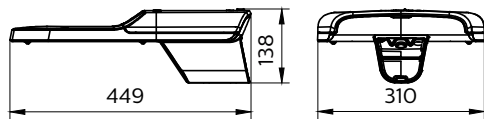
Ambient temperature range	-40 to +50 °C
Maximum dimming level	10%

Product Data

Full product code	911401875698
Order product name	BRP381 LED145/NW 105W 220-240V DM PSR
Order code	911401875698
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401875698
SAP net weight (piece)	5.299 kg



Dimensional drawing



BRP3xx

