



GreenVision Xceed Gen2

BRP381 LED138/WW 105W 220-240V DW2 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

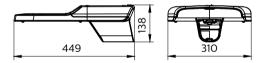
General Information			
Light source replaceable	No		
Driver included	Yes		
Flammability mark	For mounting on normally flammable surfaces		
CE mark	CE mark		
Warranty period	3 years		
Light Technical			
Luminous Flux	13,800 lm		
Correlated Color Temperature (Nom)	3000 K		

Luminous Efficacy (rated) (Nom)	133 lm/W		
Color rendering index (CRI)	>70		
Light source color	730 warm white		
Optical cover type	Polycarbonate micro lens optic		
Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		
Power Consumption	105 W		
Power Factor (Fraction)	0.9		

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Connection	-	Mech. impact protection code	IK08 [5 J vandal-protected]
Cable	-	Protection class IEC	Safety class I
Temperature		Initial Performance (IEC Compliant)	
Ambient temperature range	-40 to +50 °C	Luminous flux tolerance	+/-10%
		Initial chromaticity	(0.43, 0.40) SDCM < 5
Controls and Dimming		Power consumption tolerance	+/-10%
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit regulating	Over Time Performance (IEC Compliant)	
Control interface	Analog	Median useful life L70B50	100,000 hour(s)
Constant light output	No		
		Application Conditions	
Mechanical and Housing		Maximum dim level	10%
Housing Material	Aluminum die cast		
Optic material	Polycarbonate	Product Data	
Optical cover material	Glass	Order product name	BRP381 LED138/WW 105W 220-240V DW2 PSI
Fixation material	Aluminum	Full product name	BRP381 LED138/WW 105W 220-240V DW2 PSI
Housing Color	Gray	Full product code	911401869197
Overall length	446 mm	Order code	911401869197
Overall width	310 mm	Material Nr. (12NC)	911401869197
Overall height	138 mm	Numerator - Quantity Per Pack	1
Effective projected area	0.14 m²	Numerator - Packs per outer box	1
Dimensions (Height x Width x Depth)	138 x 310 x 446 mm		
Approval and Application			
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]		
ingress protection code	in oo [bust penetration-protected, jet-proof]		

Dimensional drawing



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www.lighting.philips.com 2023, October 30 - data subject to change