GreenVision Xceed Gen2

BRP382 LED162/WW 120W 220-240V DM PSR

GreenVision Xceed Gen2, 16200 lm, 120 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
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Luminous Flux	16,200 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	120 W
Power Factor (Fraction)	0.9

data subject to change

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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**	BRP382 LED162/WW 120W 220-240V DM PSR
Fixation material	Aluminum	**Full product name**	BRP382 LED162/WW 120W 220-240V DM PSR
Housing Color	Gray	**Full product code**	872016972435800
Overall length	499 mm	**Order code**	911401877598
Overall width	310 mm	**Material Nr. (12NC)**	911401877598
Overall height	138 mm	**Numerator – Quantity Per Pack**	1
Effective projected area	0.16 m²	**EAN/UPC – Product/Case**	8720169724358
Dimensions (Height x Width x Depth)	138 x 310 x 499 mm	**Numerator – Packs per outer box**	1
		EAN/UPC – Case	8720169724358
Approval and Application			
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]		

Dimensional drawing

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www.lighting.philips.com

2024, January 29 – data subject to change