



GreenVision Xceed

BRP371 LED97/NW 90W 220-240V DM MP1

740 neutral white, 90 W, 220-240 V

GreenVision Xceed offers an affordable LED road lighting solution to the customer for both pedestrian and vehicle road applications. It offers 3 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. It is designed to achieve better light uniformity and maximum spacing between poles, while ensuring sufficient light on the road. Its die-cast aluminum housing and Philips LEDGINE LED platform ensures long lifetime and reliability. Best of all, GreenVision Xceed offers up to 50% of energy savings when compared to conventional lamp systems.

Product data

General Information		Power Consumption	
Driver included	Yes	90 W	
Flammability mark	For mounting on normally flammable surfaces	Power Factor (Fraction)	
CE mark	CE mark	0.95	
ENEC mark	-	Connection	
		Connection unit 3-pole	
		Cable	
		-	
		Temperature	
		Ambient temperature range	
		-40 to +50 °C	
		Controls and Dimming	
		Dimmable	
		No	
		Driver/power unit/transformer	
		Power supply unit (On/Off)	
		Control interface	
		-	
		Constant light output	
		No	
		Mechanical and Housing	
		Housing Material	
		Aluminum	
		Optic material	
		Polycarbonate	
Light Technical			
Luminous Flux	9,700 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	107.8 lm/W		
Color rendering index (CRI)	>70		
Light source color	740 neutral white		
Optical cover type	Clear glass		
Operating and Electrical			
Input Voltage	220-240 V		
Line Frequency	50 to 60 Hz		

Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Overall length	422 mm
Overall width	318 mm
Overall height	136 mm
Effective projected area	0.134 m²
Dimensions (Height x Width x Depth)	136 x 318 x 422 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

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

Power consumption tolerance	+/-5%
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Over Time Performance (IEC Compliant)

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

Order product name	BRP371 LED97/NW 90W 220-240V DM MP1
Full product name	BRP371 LED97/NW 90W 220-240V DM MP1
Full product code	694793916993100
Order code	911401675602
Material Nr. (12NC)	911401675602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947939169931
Numerator - Packs per outer box	1
EAN/UPC - Case	6947939169931

Dimensional drawing

