

PRODUCT DATA SHEET 100 W

	Product Specifications	
	Housing	Aluminium die cast housing
	Optical Cover	Tempered glass
	Light Source	Mid / High Power LED
	Ingress Protection Rating	IP66
	Electrical Protection Class	Class 2
	Width (a)	240 mm
	Length (b)	615 mm
	Height (c)	115 mm
	Working Temperature	-35 °C ~ +50 °C
Electrical Properties		
Nominal Power	Between 100 W - 150 W	
Operating Mode	Compatible LED Driver	
Input Voltage	220 - 240 VAC	
Input Frequency	50 - 60 Hz	
Power Factor	> 0.95	
Total Harmonic Distortion	< 15 %	
Control Type	1-10 V / On - Off Controller / Timed Dimming	
Photometric Properties		
Color Temperature	3000 K - 4000 K - 5000 K	
Luminous Flux Tolerance	< 10 %	
Expected LED Lifetime	100.000 Hours	
Efficacy	110 lm/w for 3000 K	
	130 lm/w for 4000 K	
	160 lm/w for 5000 K	
Colour Rendering Index (CRI)	≥ 75	
Beam Angle	120° - Asymmetric	
Product Advantages		
Energy saving up to 80% compared to conventional lighting fixtures		
High efficiency LED light system		
Inox bolts		
Long life, high quality LED and high efficiency driver		
For corrosion resistance, zincprim applied to surface of the luminaire before electrostatic powder coating		
High quality silicone gasket provides sealing		
		