



598 Patterson Blvd., Pleasant Hill, CA USA

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Specification for Street Light 112W

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1. Specs

Optical Specs	Warm White	Cool White
LED Spec & Quantity	112 x 1W (White) LEDs	
LED Color Temperature	4,000°K	5,000 / 8,000°K
Luminaire Efficiency	>90%	
LED Efficiency	>95Lm/W	
Initial Delivered Lumen T _j =25°C	>7300Lm	>8000Lm
Normal Luminous Flux T _j =66°C	>6800Lm	>8600Lm
Illuminance & Scope at 8m	20Lux 28m x 13m	31Lux 28m x 13m
Illuminance & Scope at 10m	13Lux 35m x 16m	20Lux 35m x 16m
Illuminance & Scope at 12m	9Lux 42m x 19.5m	14Lux 42m x 19.5m
Color Rendering Index	Ra>75	
Beam Angle	130° / 80°	
Electrical Specs		
Input Voltage & Frequency	AC120-240V 50-60Hz	
Power Factor	>0.95	
Input Current	0.#A (110V) 0.66A (220V)	
Total Power Consumption	145W	
Temperature Specs		
Shell Temperature (T _a =30°C)	51°C (123.8°F)	
Junction Temperature (T _a =30°C)	64°C (147.2°F)	
Shell Temperature Rise (T _a =30°C)	21°C (69.8°F)	
Junction Temperature Rise (T _a =30°C)	34°C (93.2°F)	
Other Specs		
Operating Temperature	-30°C - +45°C (-22°F - +113°F)	
Operating Humidity	10 - 90 RH	
Storage Temperature	-20°C - +45°C (-4°F - +113°F)	
Dimensions	5"H x 16"W x 31"L (132mmH x 398mmW x 777mmL)	
Net Weight	24.3lbs (11kg)	
IP Rating	IP65	
Lifespan	50,000 Hours	
Warranty	3 Years	