


Product Specifications

Product Name		50W LED Flood light					
Product Model		JWS50W					
Optical Parameters		Electrical Parameters		Others			
LED Chip	45milx 45mil Chip	Input Voltage	100V-240VAC	Heat Sink Surface Temperature	60°C (Ambient Temperature 30°C)	Lifespan	≥50000 Hrs
LED Chip Type	50W Integrated LED Chip	Power Frequency	50/60HZ	Luminaire Base Temperature	65°C (Ambient Temperature 30°C)	Fixture Material	Aluminum Alloy
LED Chip Quantity	1PCS	Output Voltage	30-36VDC	Working Temperature	-25~+45°C	N.W	3.5kg
Color temperature	5500-6000K	LED Driver	Isolated driver	Working Humidity	15%~90%RH	G.W	4.2kg
Fixture Efficiency	≥90%	Total Power	58.8W	Storing Temperature	-30~+65°C	IP Level	IP65
Light Efficiency	85-90lm/W	LED Power Dissipation	50W	HID Replacment	150W		
Luminous Flux	4800-5000LM	Power Efficiency	85%	Light Body Package			

Ra	≥75	Power Factor	≥0.9	Outer Dimensions	1piece/package:	340*290*200mm
Beam Angle	120 °	THD	≤15%			

Light DistributionCurve	Luminance Intensity	Physical Dimensions
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