



500W AC LED Flood Light

Parameters		Actual Luminaire
Product Model	NES-FL-500	
Power	500W	
Input Range	90–275 V AC	
LED Luminous Efficacy	≥145 lm/W	
Light Source	OSRAM/BRIDGELUX LED	
Colour Temperature	2700-6500 K	
Total Power Consumption	500W±10%	
Driver Efficiency	>85%	
LED Beam Angel	120°	
Net Weight*	12.5kg±0.1kg	
Light Dimensions*	(810X325X210) mm	
Light Package Dimensions*	(830 X 345 X 230) mm	
Features	Auto Shutdown & Auto Restart Open & Short Circuit Protection Over Voltage Protection	

>0.97	>70	IP66	>50000 Hrs	<10%	50±3% Hz
Power Factor	CRI	IP Level	Working life	THD	Power Frequency

Others		
Surge Protection	Maximum Temperature of Heat Sink	Primary Thermal Management
Up to 6 KV(Internal)	65 °C	Single Piece MCPCB with Thermal Pads
Recommended Height	Storage Temperature	Secondary Thermal Management
20-40 Meter	35 °C	High Pressure Aluminum Die Cast

* Subject to change without notification

Applications: High masts, Container berths, docks, ports, Airport aprons, flyovers & bridges, Railway marshalling yards, Security lighting, sport Lighting, shopping malls and building façade.