

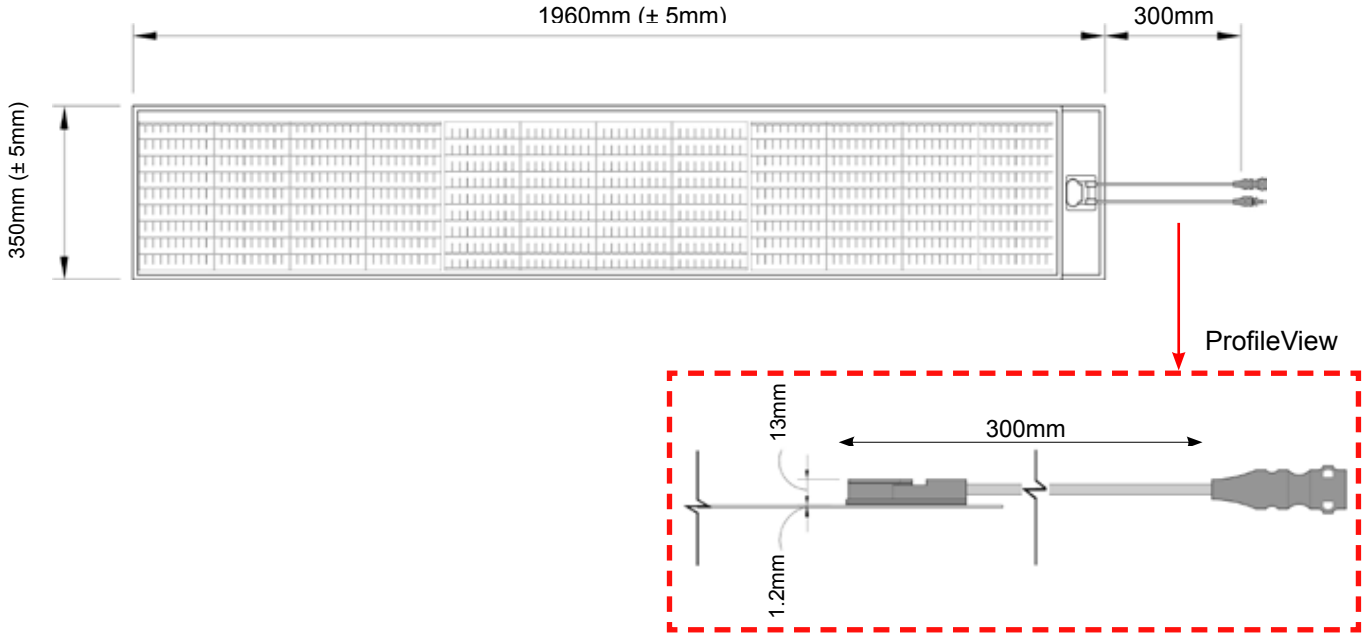


WaveSol Light 2- Meter 72 Voc Specification Sheet

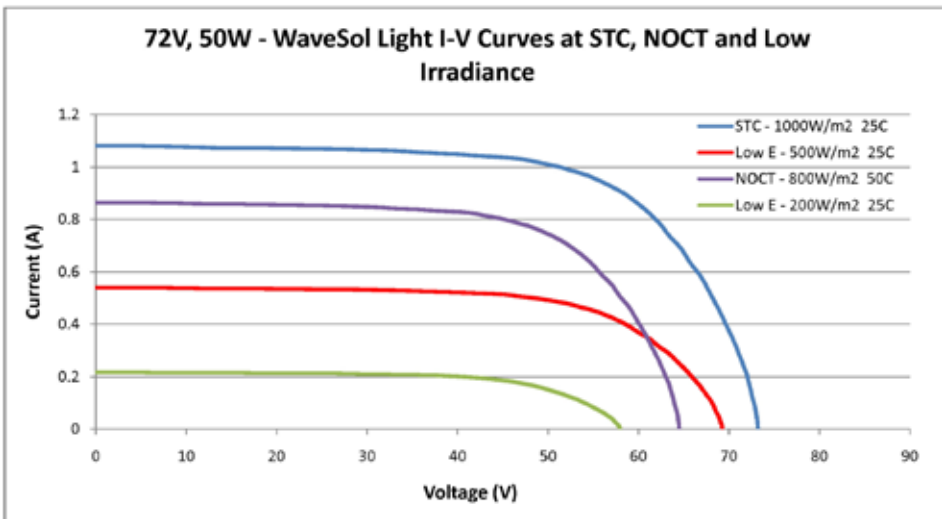
Product Class	WSLE-0450-072	WSLE-0500-072	WSLE-0550-072*
Electrical Specifications (Measured under Standard Test Conditions)			
Nominal Power (Pmax in Watts)	45	50	55
Voltage at Pmax (Vmp in Volts)	51.4	54.6	58.0
Current at Pmax (Imp in Amps)	0.89	0.92	0.95
Open Circuit Voltage (Voc in Volts)	69.8	73.2	76.0
Short Circuit Current (Isc in Amps)	1.06	1.08	1.10
Power Tolerance not to exceed	±10%		
Electrical Tolerance not to exceed	± 10%		
Mechanical Characteristics			
Length	1960 ±5mm		
Width	350 ±5mm		
Weight	1.3 kg		
Thickness	1.2 ± 0.5 mm (excluding junction box)		
Junction Box	Class IP65 with bypass diode		
Output Cables	300 mm Length (minimum)		
Output Connectors	MC4 Compatible		
NOCT (Normal Operating Cell Temperature)	50 °C		
Front Surface	Fluoropolymer		
Back Surface	Polyethelene with EVA Primer		
Minimum bend radius	Cell-side out: 190 mm Cell-side in: 500 mm		
Temperature Coefficients			
Power	- 0.50%/°C (±10%)		
Vmp	- 0.51%/°C (±10%)		
Imp	+0.01%/°C (±10%)		
Voc	- 0.42%/°C (±10%)		
Isc	+0.03%/°C (±10%)		
Maximum System Voltage	600V US / 1,000V EU		
Max Series Fuse Rating	5 A		
Specifications Subject to Change			
Standard Test Conditions: 25°C, 1 kW/m2, AM 1.5			
* Defense Products Only			



WaveSol Light 2-Meter
Front Side View



WaveSol Light 2-Meter
Back Side View



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