

LRSS

LUMA RESOURCES

ECOPOWER FOR THE NEXT GENERATION

HIGH EFFICIENCY POLYCRYSTALLINE BUILDING INTEGRATED PHOTOVOLTAIC SOLAR SHINGLE



LUMA RESOURCES SOLAR SHINGLE (LRSS)

A solar shingle designed for steep sloped roofing applications. The polycrystalline photovoltaic tempered glass module is adhered to a custom formed metal shingle. A premium plastic edge protector surrounds the glass to provide added durability. The junction box located on the back is positioned in the center of the shingle, allowing equal length wires to run in either direction.

LRSS: QUALIFICATIONS

● UL 1703 Certified (Canada/ USA Listed)	● Size: L 54.37 x W 15.62 x H 2 inches
● CEC Certified	● Size: L 138.61 x W 39.68 x H 5.08 cm
● Miami-Dade County NOA (in process)	● Weight: 19.8 Lbs 9 kg

LRSS: SPECIFICATIONS

Electrical Performance under Standard Test Conditions (STC)

● Maximum Power (Pmax)	60 W	● Max System Voltage	DC 600 V
● Maximum Power Voltage (Vmp)	8.08 V	● Temperature Coefficient of Voc	-0.34% / °C
● Maximum Power Current (Imp)	7.55 A	● Temperature Coefficient of Isc	0.09% / °C
● Open Circuit Voltage (Voc)	9.80 V	● Power Temperature Coefficient	-0.37% / °C
● Short Circuit Current (Isc)	8.11 A	● Power Tolerance Range	+/- 3%
● Series Fuse (ADC)	15 amp		

Cells

● Number per Module	16	● Strings	2 of 8
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Junction Box (Yukita UL E307322)

● JYB15	● MC Connectors
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METAL SHINGLE QUALIFICATIONS: (MMS125)

Made from metal that maximizes energy efficiency and displays a beautiful color finish

Metal shingle that the solar laminate is mounted to: (MMS125)

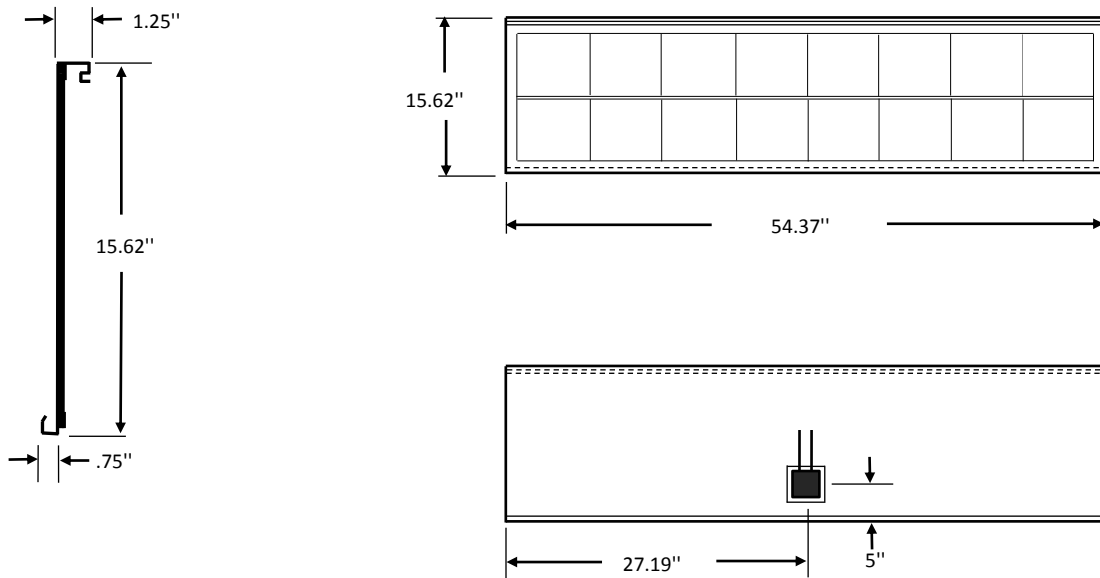


UL Listed Fire Test Class A (ANSI/UL 790) R25847

● Metal: 24 ga Galvalume coated steel sheet	● Paint: Valspar Fluropon SR
● Size: L 54.37 x W 15.62 x H 2 inches	● Weight: 7.5 Lbs 3.4 Kg
● Size: L 138.61 x W 39.68 x H 5.08 cm	

PHYSICAL SPECIFICATIONS

LRSS



LIMITED WARRANTY

Product warranty

- 5 Year Limited warranty on materials and workmanship.
- 25 Year on Power Output.

Manufacturer's power warranty:

- Coverage on power degradation greater than 90% for 10 years.
- Coverage on power degradation greater than 80% for 25 years.

The warranties do not cover damages due to:

- Malfunctions or service failures caused by obvious abuse or misuse.
- Power failure surges, lightning, fire, flooding, etc...
- Action of third parties and other events or accidents beyond reasonable control and not occurring under normal operating conditions.



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