

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Lumeta, Inc.  
Lynx 60 Tile  
LPP300T**

Also available on the web at  
[EnergyPal.com/lumeta-inc-solar-panels/lpp300t](http://EnergyPal.com/lumeta-inc-solar-panels/lpp300t)

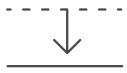
► **60 CELL**  
MONOCRYSTALLINE  
MODULE

► **300-305W**  
POWER OUTPUT  
RANGE

► **12.0 kg (26.5 lbs)**  
MODULE  
WEIGHT

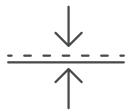
► **18.1%**  
MAXIMUM  
EFFICIENCY

# Lumeta Lynx 60 Tile



## Racking free for faster installation

- Adheres to roof surface using shaped, adhesive inserts
- Eliminates roof penetrations
- Minimizes part count
- Removable if required



## Low profile for aesthetics and safety

- 4mm (5/32 in) module depth and low-profile wire tray minimizes visibility
- Class A fire rated on a module level
- Black cells and backsheet for a clean look
- Skirting accessories prevent debris accumulating



## Robust and reliable

- Rugged semi-rigid backsheet protects cells
- PID resistant
- Frontsheet dissipates heat
- Butyl adhesives last a system's lifetime



## Tested to a higher standard

- Meets NREL's rigorous Qualification Plus standards
- Undergoes real world tests designed by Black & Veatch
- Wind tunnel tested to 110mph
- Mechanically tested to 5400 Pa snow load

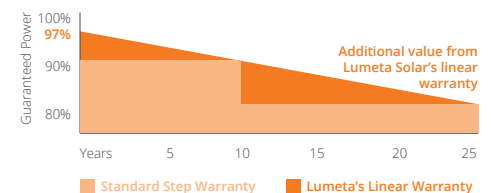


## Integrated design for ease of use

- Integrated wire management enables fast connection
- Lightweight design improves handling
- Frameless, tapered edge minimizes soiling build up

## Linear Performance Warranty

10 Year Product Warranty / 25 Year Linear Power Warranty



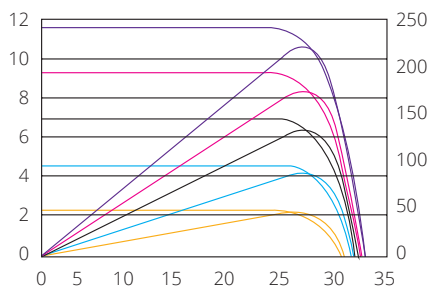
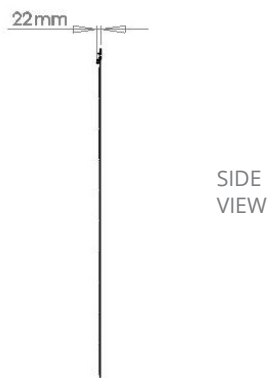
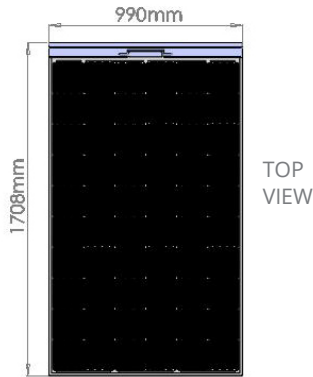
## Certifications

UL1703 (in process)

**Lumeta**<sup>™</sup>

# Lumeta Lynx 60 Tile

PRODUCTS	POWER RANGE
LPP300T	300-305W



## PACKAGING CONFIGURATION

Modules per box: 12 pieces

Modules per palette: 36 pieces

## ELECTRICAL DATA STC

Maximum Power - Pmax (Wp)	300
Power Output Tolerance - Pmax (W)	-0/+5
Maximum Power Voltage - Vmpp (V)	32.5
Maximum Power Current- Impp (A)	9.25
Open Circuit Voltage - Voc (V)	39.6
Short Circuit Current - Isc (A)	9.8
Module Efficiency (%)	18.1

STC (Standard Test Conditions) = Irradiance 1000W/m<sup>2</sup>, Ambient Temp 25C, Air Mass AM 1.5

## ELECTRICAL DATA NOCT

Maximum Power - Pmax (Wp)	TBD
Maximum Power Voltage - Vmpp (V)	TBD
Maximum Power Current- Impp (A)	TBD
Open Circuit Voltage - Voc (V)	TBD
Short Circuit Current - Isc (A)	TBD

NOCT (Nominal Operating Cell Temperature) = Irradiance 800W/m<sup>2</sup>, Ambient Temp 20C, Wind Speed 1m/s

## MECHANICAL DATA

Solar Cells	(60) 156.75 x 156.75mm black mono 4 busbar
Module Dimensions	1708 x 990 x 35 mm (67.25 x 39.1 x 1.38 in)
Weight	12 kg (26.5 lbs)
Frontsheet	ETFE
Backsheet	FRP Composite
J-Box	IP67/IP68 / NEMA 5X rated
Cables	PV Technology Cable 4.0mm
Adhesive	Butyl adhesive
Connector	MC4
Fire Type	Class A rating on a module level

## TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	TBD
Temperature Coefficient of Pmax	TBD
Temperature Coefficient of Voc	TBD
Temperature Coefficient of Isc	TBD

## MAXIMUM RATINGS

Operational Temperature	-40C – +85C
Maximum System Voltage	1000V DC (UL)
Maximum Series Fuse Rating	15A

For more information on Lumeta products or to find a distributor, go to [lumeta.com](http://lumeta.com)