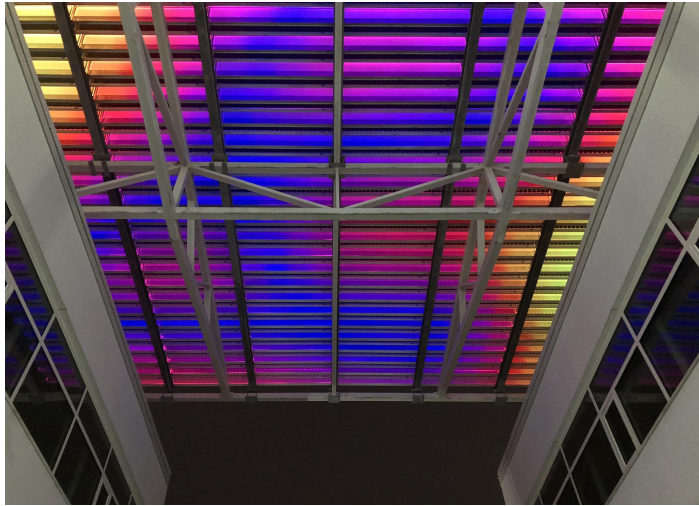


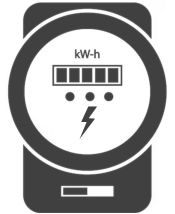
Energy Louvers produce up to **morgansolar** 100-250 kWh/m²/year



Configuration Options

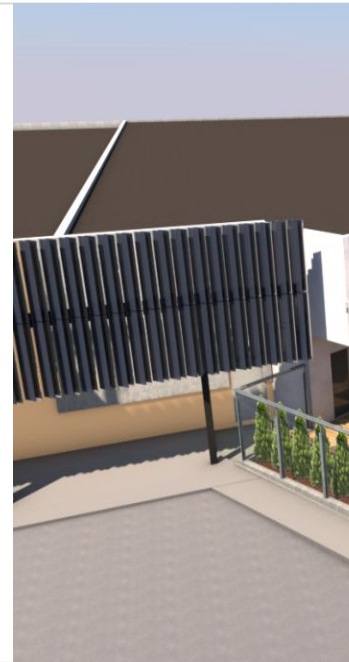
Grid Tie

Energy Louvers are wired like conventional solar panels and the energy is exported to the grid for net metering.



Vertical Louvers

Also called a Brise Soleil, vertical louvers are a familiar form factor. Louvers can be connected to the facade using standard curtain wall attachment similar to any other architectural louvres.



Colour/Texture Options

Louvers come in two varieties, Optical and Photovoltaic, which are installed in pairs. The Optical louvers can be produced in any colour or with screen printed images, and can be integrated with dynamic LEDs to create a canvas for communication & expression.

Pergola

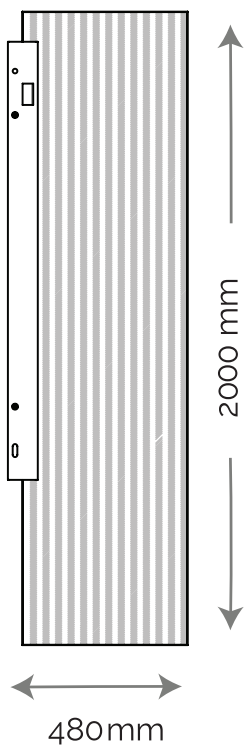
Pergolas made using our modules admit daylight, won't accumulate snow, and generate as much energy as less attractive conventional solar panels.



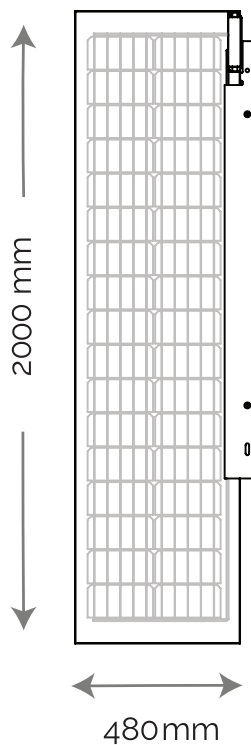
Energy Louvers

- Building-integrated photovoltaics that can be applied as vertical louvers or pergolas
- Bifacial PV Louvres sustainably generate electricity from sunlight providing up to 250 kWh/m²/yr
- Optic louvers admit daylight, block glare, and increase generation by redirecting sunlight to adjacent PV louvers

Optic Louver



PV Louver



Electrical Characteristics

@ 1000 W/m², 25 C, AM 1.5D

Pmpp [W]	93.75
Impp [A]	11.71
Isc [A]	12.43
Vmpp [V]	8.01
Voc [V]	9.45

Cell Characteristics

Cell Material	Mono-crystalline Si
Cell Type	Bifacial half-cell
Temp Coeff.	-0.28%/C

Mechanical Characteristics

Length [mm]	2000
Width [mm]	7.4-36.9
Height [mm]	480
Weight [kg]	15.96
Connector	MC4
Frame	Anodized aluminum