

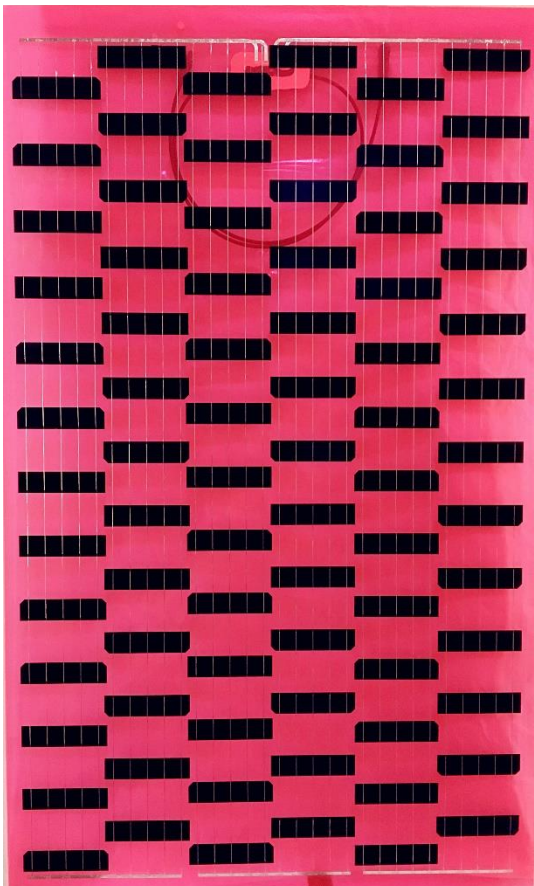


LUMO 78M100GH Greenhouse Integrated Panel

The only panel designed specifically for crop production and power generation

Luminescent quantum conversion of light for enhanced crop growth

Tested in commercial greenhouses for 7 years, crop data available upon request



Electrical Data (STC)	
Peak Rated Power	105 Watts
Maximum Power Voltage	44 Volts
Maximum Power Current	2.4 Amps
Open Circuit Voltage	52 Volts
Short Circuit Current	2.6 Amps
Mechanical Data	
Dimensions (mm)	1648 x 990 x 4.2
Dimensions (inch)	64.9 x 38.0 x 0.165
Weight	17 kg (37.5 lbs)
Frame	None
Junction Box	Tyco PV Bar 4
Cables / Connectors	Tyco PV4-S
Solar Cells	Bifacial PERC 5BB
Temperature Ratings	
Temperature Coefficient of P _{max}	-0.39%/C
Temperature Coefficient Voc	-0.31%/C
Temperature Coefficient of Isc	-0.045%/C
Maximum Ratings	
Maximum System Voltage	1000 V
Maximum Series Fuse Rating	15A
Maximum Hail Resistance	38mm (1.5 in.)