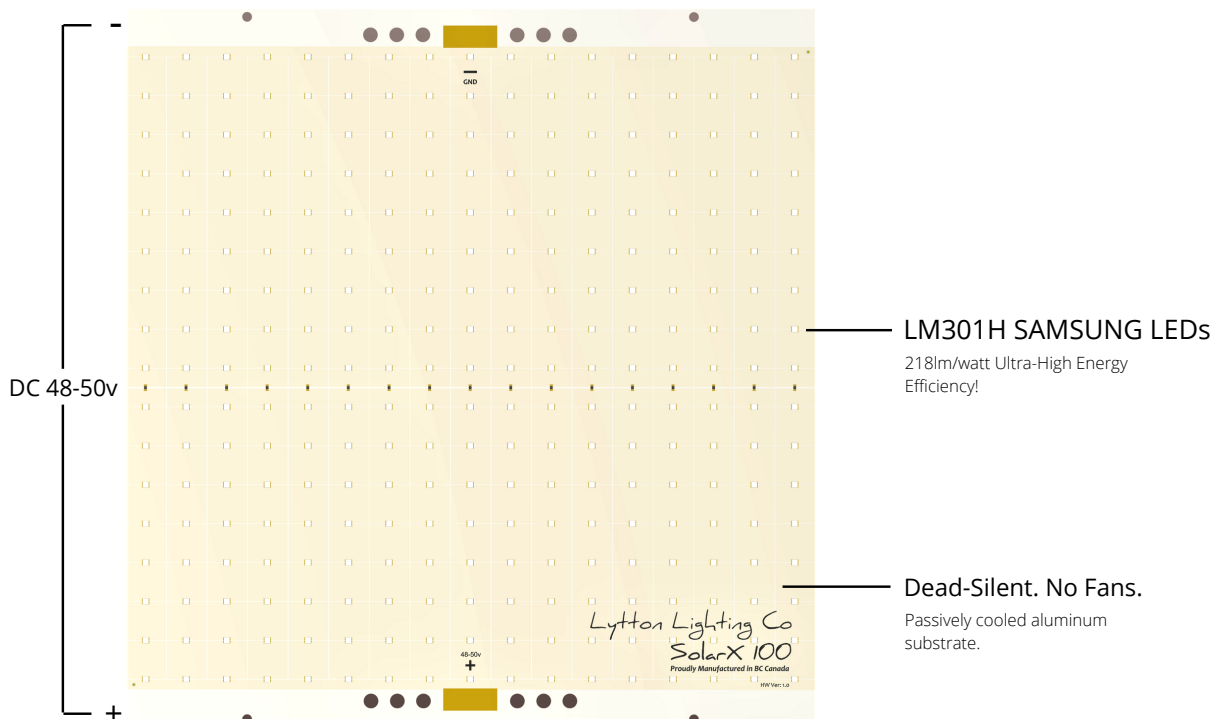


Ultra-High Efficiency LED Grow Light

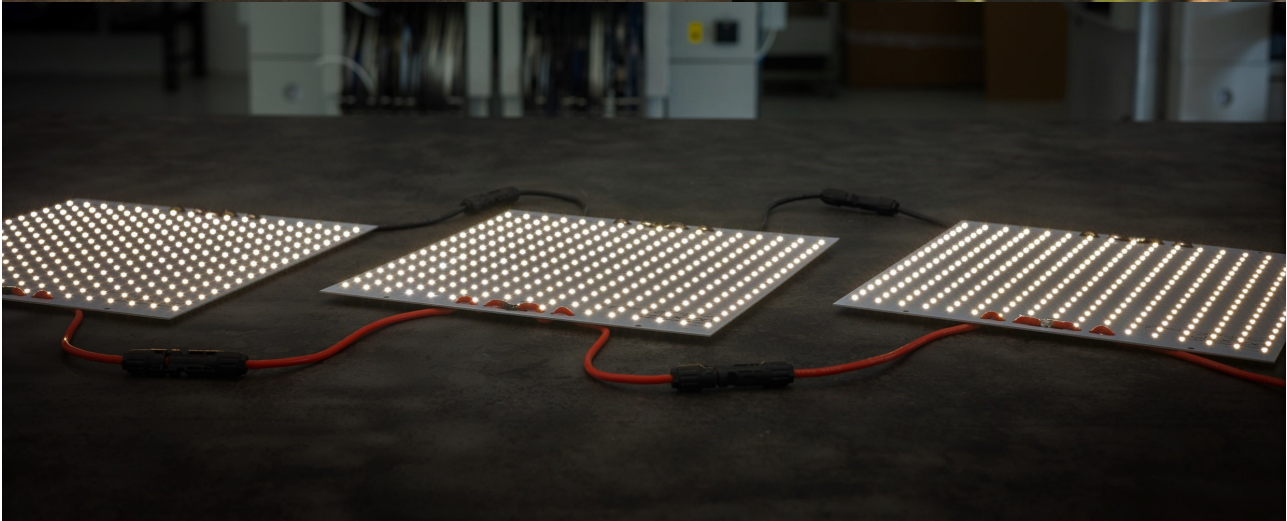
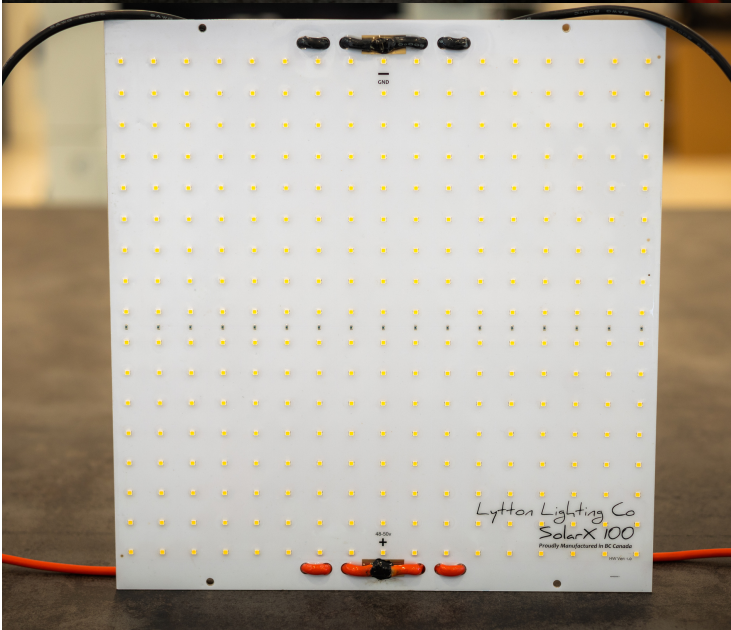
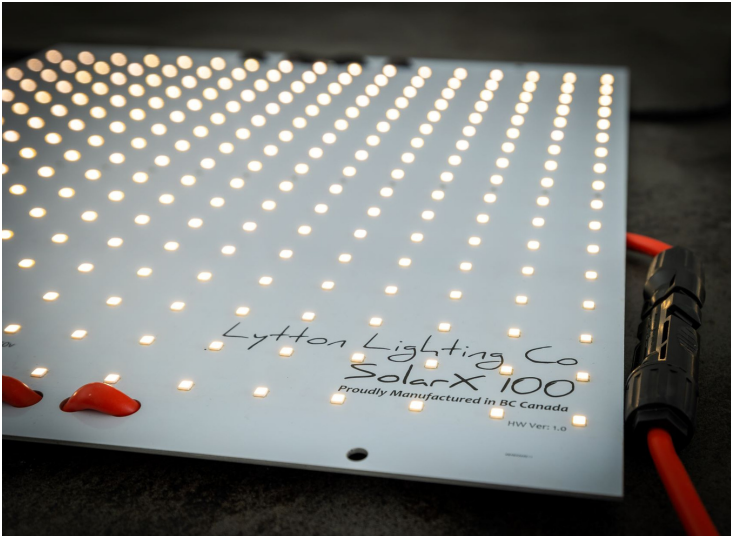
- **Highest efficiency in the industry at 3.10 micromoles per joule ($\mu\text{mol/J}$) or 218lm/watt!**
- **20,800 lumens per panel. ~380 $\mu\text{mol/s}$.**
- **Daisy-chainable** up to 8 lights for long grow beds and industrial operations.
- Genuine **LM301H Samsung** horticultural LEDs.
- Passive cooling, dead silent operation.
- **Ultra-thin** form factor allowing for more room in stacked beds.
- Designed and manufactured locally in **Lytton, BC, Canada** with love and care!
- **IP66 Rated** - Designed to withstand intense condensation, spray, and temporary immersion.

The **SolarX100** is an ultra-high efficiency LED Grow light, specifically designed with large scale operations in mind. High quality genuine Samsung LM301H horticultural LEDs are used in every panel. These lights have one of the highest efficiency ratings of any light source on the market at 218 lumens per watt! The daisy-chainable connectors allow for simple installation without the need for a power source at every light saving you money and energy!



Power supplies are sold separately, lights can be daisy-chained up to 8 lights with the appropriate powersupply.

Gallery



SolarX100	
Dimensions	356 x 374 x 3 mm
Weight	921g
Supply Voltage	48-50 V
Power Consumption (Amps)	1.3A @48V, 2.1A @50V
Power Consumption (Watts)	62W @48V, 110W @50V
Output in Lumens	16,473 @ 48V, 20,800 @50V
Operating Temperature	-40 to 70° C
Color Rendering Index	+80 CRI
Mounting Options	Hanging/Mounting Holes
Materials	Epoxy Coated Aluminum Substrate
Color Temperature	3500K
Beam Angle	120 degrees
Output in PAR	~380 μ moles/sec

For more detailed information on the LEDs used in our panels view the Samsung LM301H Datasheet:
<https://www.samsung.com/led/lighting/mid-power-leds/3030-leds/lm301h/>

@3500K (80 CRI)

