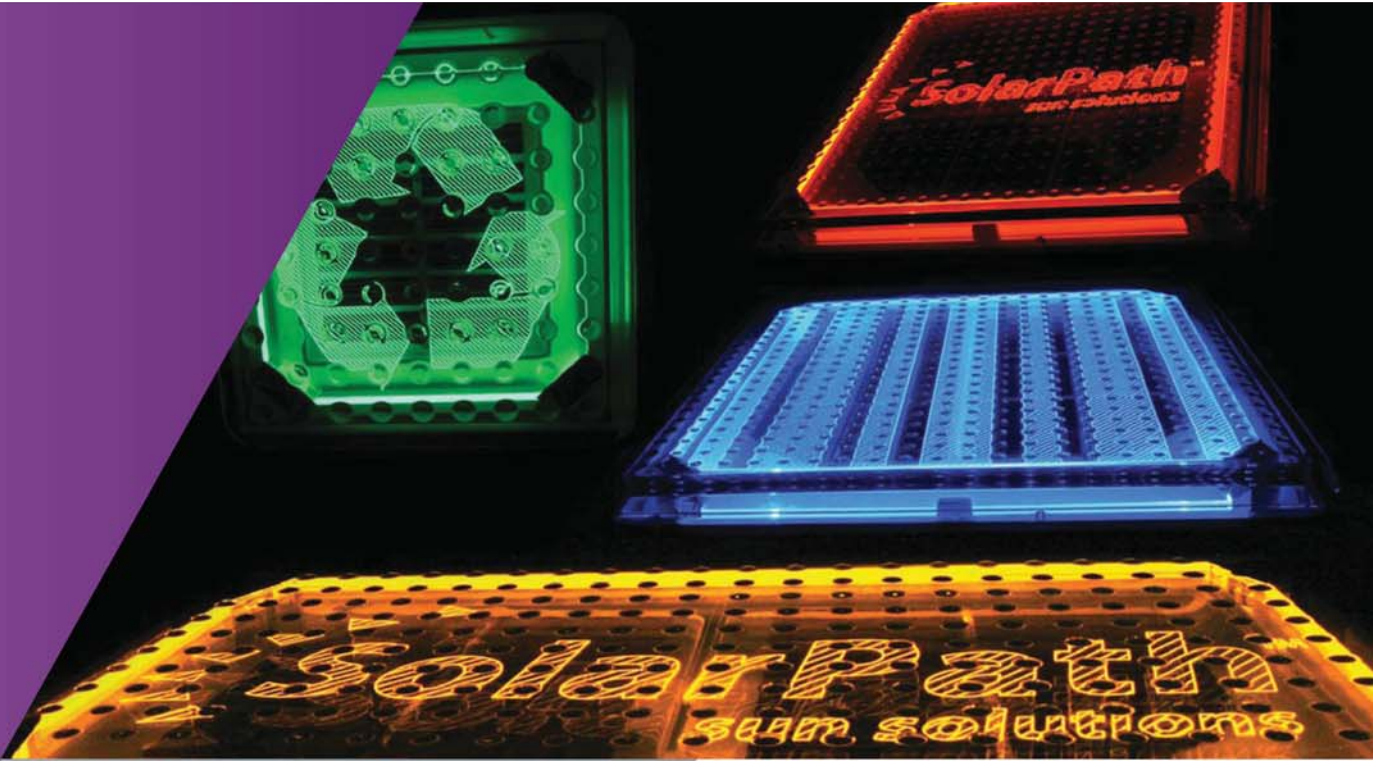




Where solar innovations **come to light!**™



SolaTile II

The LightDeco series is a technology that exists at the crossroads between elegance and sustainability. At heart of its enhanced performance lies a bridge between three revolutionary green technologies.



SolaTile II

SolaTile II is the newest generation of SolarPath Sun Solutions' light emitting tiles. The design is an example of our value of listening and responding to the insights and wish-lists of lighting designers, architects, public artist, and our other partners.

This member of the LightDeco series engages an open surface photovoltaic array laid in a recessed chamber. LED lights, driven by clean capacitor power, are placed at the corners of a full-face illuminating plate. When the plate is lit, the recessed solar array is hidden, and the entire surface of the SolaTile II becomes fully illuminated.

Branding enhancements through customization are unlimited. Through advanced laser etching, any design can be impressed upon the illuminating plate, allowing for the highlighting of emblems, logos, demarcations, symbols, pictures, and lettering on the unit surface.



Uses and Applications		
Driveways	Patios	Pavers
Landscaping	Fountains	Stairways
Pool decks	Walkways	Building exteriors
Pool bottoms	Boardwalks	And many more...

SolaTile II Technical Specifications						
Operations						
Solar panel type	Mono-crystalline					
Illumination technology	Ultra-bright LEDs					
Energy storage	Ultra-capacitors					
Charging time	2 (sunny day) to 8 (cloudy day) Hours					
Operation at full charge	Up to 16 hours					
Colors	Red, Green, Blue, Orange, Amber, White					
Operating temperature	140 °F to -13 °F / 60 °C to -25 °C					
Automatic On/Off level	150 lux - 350 lux					
Lighting Properties						
Color	Luminance (Nit)		Illuminance (Lux)		Uniformity	
Red	6.8	6.5	21.6	20.5	90%	80%
Green	17.3	16.4	54.2	51.4	90%	80%
Blue	4.7	4.5	14.8	14.1	90%	80%
Orange	6.3	5.9	19.9	18.7	90%	80%
Amber	3.4	3.2	10.8	10.1	90%	80%
White	13.2	12.5	41.5	39.3	90%	80%
Material and Design						
Case Material	UV-Treated polycarbonate (main body) ABS (bottom cover)					
Available Sizes	L. Square - 8"W x 8"L x 2.54"H / W 20.32cm x L 20.32cm x H 6.45cm S. Square - 4"W x 4"L x 2.54"H / W 10.16cm x L 10.16cm x H 6.45cm Rectangular - 4"W x 8"L x 2.54"H / W 10.16cm x L 20.32cm x H 6.45cm Round - Φ4" x 2.54"H/Φ10.16cm x H 6.45cm					
Weight	L. Square - 5.5lbs / 2.5kg S. Square - 1.3lbs / 0.6kg Rectangular - 2.2lbs / 1kg Round - 1.2lbs / 0.5kg					
Modulus of rupture	21.8 Nirmn2 (=222 kgf/cm2)					
Compressive strength	2.74 N/mrn2 (=28 kgfcin2)					
Breaking load	34.888 N (=3.560 kgf)					
Waterproof	IP 68 - 100% (submersable)					



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