

# LIGHTDECO SOLATILE2

## Specifications



## Why us?

### **Innovative Technology**

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

### **Photometric**

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

### **Versatile Lighting**

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

### **Global Reach**

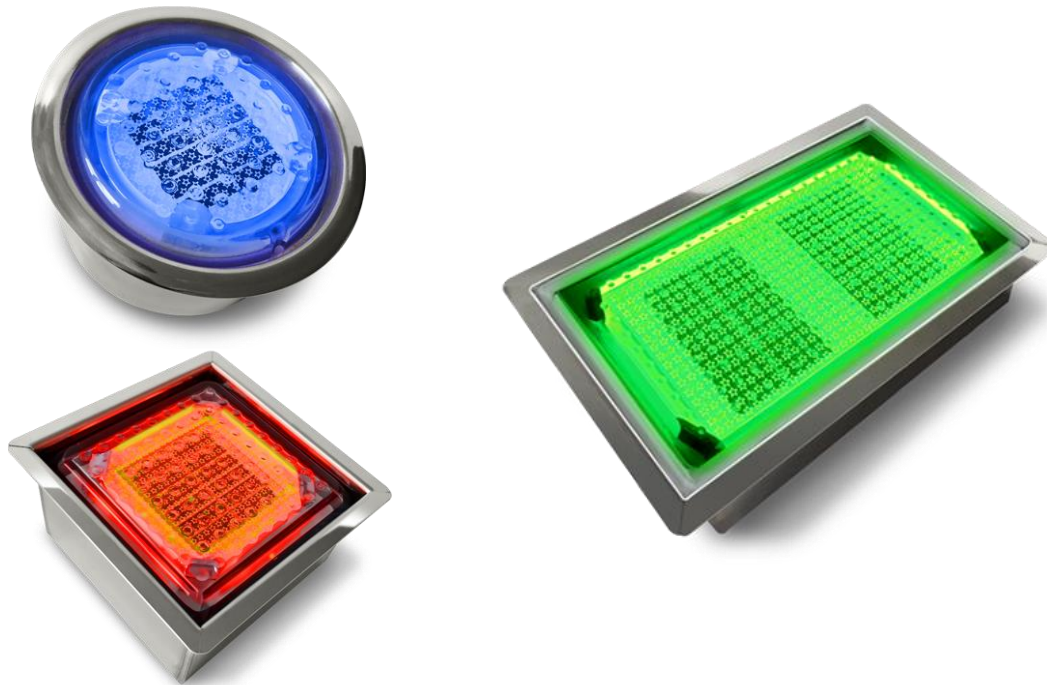
Worldwide success proves our adaptability and regulatory expertise.

### **Sustainable Savings**

These solutions enhance safety, promote sustainability and provide significant energy and cost saving.

### **Warranty**

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



SolaTile II is the news generation of Solarpath light emitting tiles. The design is an example of our value of listening and responding to the insight and wish list of lighting designers, architects, public artist and our other partners.

The member of the LightDeco series engages an open surface photovoltaic array laid in a recessed chamber.

LED light, driven by clean capacitor power, are placed in 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.



## Technical specification

### Operation

Solar panel type	Mono-Crystalline
Illumination technology	Ultra-bright LEDs
Energy storage	Ultra-Capacitors
Charging time	2 Hours (sunny) to 8 Hours (cloudy or rainy)
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

### Light 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)
Available Sizes	L. Square - 8"W x 8"L x 2.54"H S. Square - 4"W x 4"L x 2.54"H Rectangular - 4"W x 8"L x 2.54"H Round - Ø4" x 2.54"H
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 N/mm <sup>2</sup> (=222 kgf/cm <sup>2</sup> )
Compressive strength	2.74 N/mm <sup>2</sup> (=28 kgf/cm <sup>2</sup> )
Breaking load	34.888 N (=3.560 kgf)
Waterproof	IP 68 - 100% (submersible)

## SOLAR STREET LIGHT

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### USES AND APPLICATIONS GUIDE

Driveways

Landscaping

Pool decks

Pool bottoms

Patios

Fountains

Walkways

Boardwalks

Building exteriors

Stairways

Pavers

## ORDERING GUIDE

Ordering Guide: EXAMPLE: SOLATILE2-A-8X8

Model	LED Color	Size
SOLATILE2	A – Amber W – White B – Blue R – Red G – Green Y – Yellow O – Orange	8X8 4X8 4X4 4R (Round)

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## Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



[contact@solarpathusa.com](mailto:contact@solarpathusa.com)



[www.solarpathusa.com](http://www.solarpathusa.com)