

LIGHTDECO SOLATILE1

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

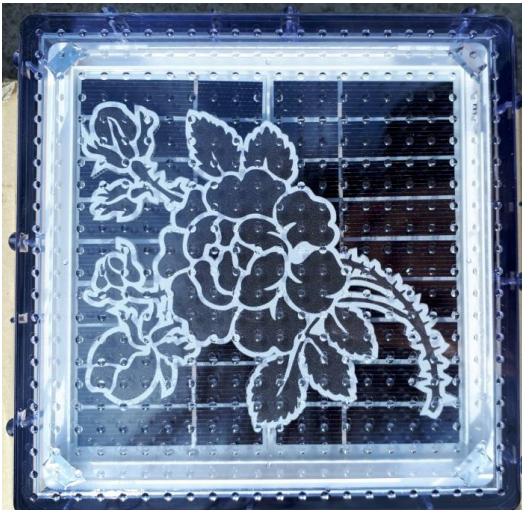
Worldwide success proves our adaptability and regulatory expertise.

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 I engages a photovoltaic array laid in a perimeter-style orientation along the edges of the tile surface. The square enclosure centers on an opaque diffusive plane, through which colors are horizontally diffused. The effect is the creation of small square pools of light.

SolaTile I continues to exceed expectations many years after its initial development. Used in residential, public, commercial, and industrial design, the unit has weathered all environments faultlessly. It is an original, dependable, and unique addition to any lighting design.



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	6.0	5.7	18.8	17.9	80%	75%
Green	15.0	14.3	47.1	44.7	75%	70%
Blue	4.1	3.9	12.2	12.2	80%	75%
Orange	5.5	5.2	16.3	16.3	80%	75%
Amber	3.0	2.8	8.8	8.8	80%	75%
White	11.5	10.9	34.2	34.2	80%	75%

Material and Design

Case Material	UV-Treated polycarbonate (main body) ABS (bottom cover)
Available Sizes	Square - 8"W x 8"L x 2.36"H Rectangular - 4"W x 8"L x 2.36"H
Weight	Square - 5.9lbs / 2.7kg Rectangular - 2.2lbs / 1kg
Modulus of rupture	21.8 N/mm ² (=222 kgf/cm ²)
Compressive strength	2.74 N/mm ² (=28 kgf/cm ²)
Breaking load	34.888 N (=3.560 kgf)
Waterproof	IP 68 - 100% (submersible)

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Driveways

Landscaping

Pool decks

Pool bottoms

Patios

Fountains

Walkways

Boardwalks

Building exteriors

Stairways

Pavers

ORDERING GUIDE

Ordering Guide: EXAMPLE: SOLATILE1-A-8X8

Model	LED Color	Size
SOLATILE1	A – Amber W – White B – Blue R – Red G – Green Y - Yellow O - Orange	8X8 4X8

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alternation or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage



Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



contact@solarpathusa.com



www.solarpathusa.com