

LINELIGHT R8-RGB

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

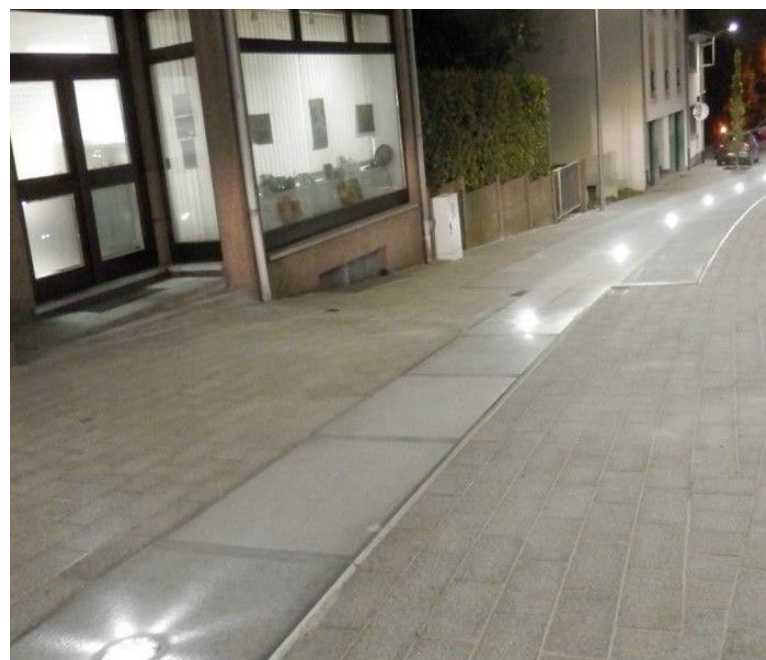
These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

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.



With a variety of LED colors the R8-RBG can be configured to change colors as needed – an ideal feature for applications such as parking entrances, lane delineation and toll plaza lane signaling. Adjustable luminance levels. Programmable Flashing, sequential flashing or steady lighting and timer configurations.



Technical Specifications

Technology and Operation

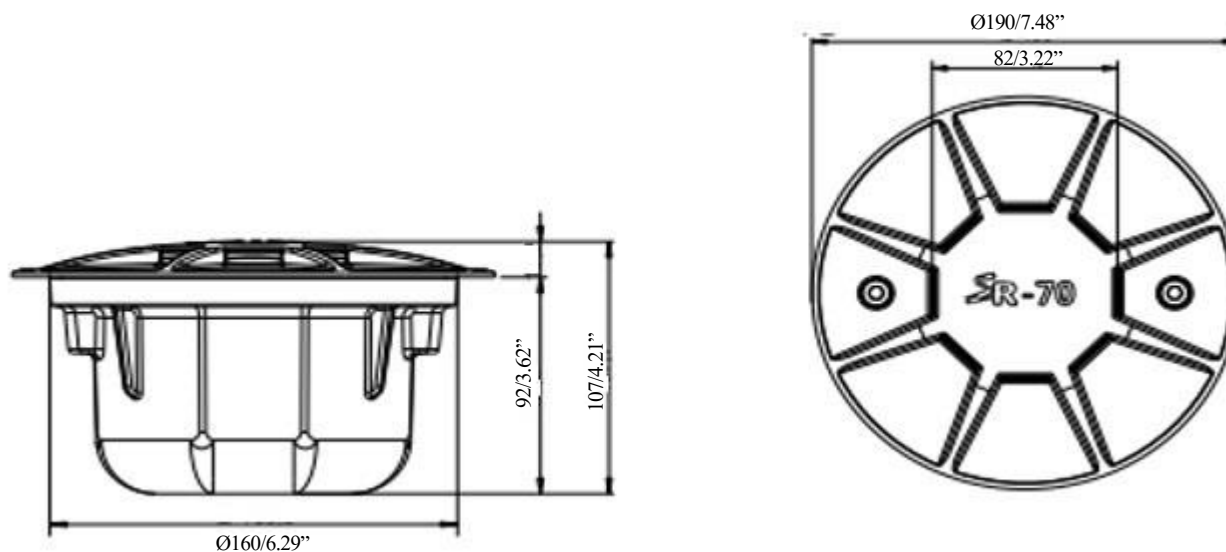
Energy source	Solar modules External DC feed Hybrid - Solar & External DC backup feed				
Energy consumption	12 V DC or 24V DC 230V AC, 160mA/ 45mA				
Illumination technology	24 x Ultra-bright Φ 5mm/0.19" LEDs.				
Operating temperature range	-22F to +185F / -30C to +85C				
Viewing Angle	15°				
Warranty	2 Years				

Illumination Properties

Available flash patterns	Controllable - Flashing, Steady or Sequential				
Available colors	White, Blue, Red, Green, Amber				
Lighting intensity (mcd)	Amber	Red	White	Blue	Green
	4500	3500	6400	3200	11000
Light visibility distance	Up to 3,280 feet / 1km (varies according to weather conditions)				

Material and Design

LED protector	UV-treated Polycarbonate				
Case	Aluminum & Anti-corrosion stainless steel				
Compressive strength	1,000kg/cm(2,204lbs/inch)				
Dimensions - Body	Φ 7.48" x 4.13" / Φ 190mm x 107mm				
Raising above grade	0.51" / 13mm				
Weight	6.61lbs / 3kg				
IP/IK Rating	IP68/IK10				



Flexible and Customizable:

- With a variety of LED colors the R1 can be configured to change colors as needed - an ideal feature for applications such as parking lot entrances, lane delineation and toll plaza lane signaling.
- Adjustable luminance levels
- Programmable Flashing, sequential flashing or steady lighting and timer configurations
- Optional PC, RF and GSM Remote control

Incredibly durable and long lasting:

- Stainless steel body
- Military-grade high mechanical resistance design - resistant to tanks, trucks, snow plows and other heavy machinery
- High compression strength (1000kg / cm)
- Absolute water resistance (IP68)

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Tunnels

Parking lots

Indoor spaces

Walkways

In-Ground signaling applications

Crosswalks, bike and pedestrian lanes

Ship and water craft decks

Hotel entrances

Gas stations

ORDERING GUIDE

Ordering Guide: EXAMPLE: LINELIGHT R8-RGB-0-A

Model	Flashing Pattern	LED Color
LINELIGHT R8-RGB	0 – Steady 1 – Flash 60 2 – Flash 120	A – Amber W – White B – Blue R – Red G – Green RGB

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