

# LUMEC

by  Signify

Roadway

RoadFocus Plus

Smart solar powered system



## Solar's Time to Shine

Light up your roadway with the power of the sun.

Lumec RoadFocus Plus smart solar powered system is an off-grid smart system featuring a unique and patented design luminaire, post-top PV panel, batteries and charge controller. The solution offers multiple lumen packages with industry leading efficacy, a complete array of optical distributions, ensuring the right fit for any type of roadway application. The solar subsystem comes with a pre-tilted bracket for optimum energy collection based on the location, system configuration, and wind speed. The system can be tailored to the expected night activities, number of cloudy days and solar irradiance available at the location.



**Ideal for a variety of applications**

- Roads and Streets
- Rural areas
- Security Lighting

# RPS-SOL RoadFocus Plus

Smart solar powered system

Crystal batteries provide safe and reliable performance and long useful life

Pre-tilted post-top mounted solar subsystem

OptiForm luminaire

High Efficiency Mono-Crystalline PV Panel

Battery box with a hinged cover and latches

Programmable MPPT charge controller with smart run-time extension algorithm

AASHTO 2001 compliant aluminum and steel poles

## Notable features



### Optional Motion Sensor

PIR sensor that can detect motion to save energy by offering dimming with configurable dimming profiles. Adjusts the lumen output based on occupancy and time, making it a truly sustainable solar lighting solution.

## Key benefits include

- Lumen output up to 12,000 lumens
- Brings light to areas without access to an electric grid
- Works in extreme ambient temperatures
- Preserves landscape as no trenching for cabling is required
- Programmable dimming profiles for maximum flexibility
- Sturdy construction for long life
- Saves energy
- Environmentally friendly



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