

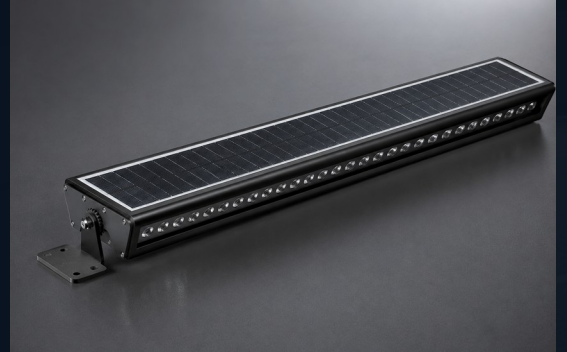
LOW-LEVEL SOLAR ROAD LIGHTING

SOLAR ROADGUIDE

Light Guides the Road.

Low-Level Solar Road Lighting System

A self-powered, road-facing lighting system designed to make roadway alignment and boundaries easier to perceive at night — without relying on high lighting poles.



PRODUCT IDENTITY

1000 × 250 × 65 mm · Road-Facing Front LED · No Rear LED

GLOBAL ROAD SAFETY POSITIONING

KEY 01

15W

LED power

KEY 02

≈ 2,800 lm

Max luminous flux

KEY 03

1000 mm

Slim body length

KEY 04

SOLAR

Independent power

WHY SOLAR ROADGUIDE

A DIFFERENT WAY TO LIGHT ROAD EDGES

01

LOW-LEVEL

Places light close to the roadway instead of relying only on elevated poles.

02

ROAD-FOCUSED

One-directional front LEDs concentrate light toward the road surface.

03

OFF-GRID

Solar charging and battery storage reduce dependence on grid power work.

04

CONTINUOUS

Approx. 8 m spacing can support a continuous guidance layout after site review.

Applications: Highway · IC/JC Ramp · Bridge · Mountain Road · Park / Pathway

PRODUCT ARCHITECTURE

LOW-LEVEL LIGHTING, SELF-POWERED.

The slim housing integrates the solar collection surface and front road-facing LEDs into one compact form. The one-directional design keeps the lighting objective focused on the roadway.



1000 × 250 × 65 mm

HOW IT WORKS

01

SOLAR

Solar surface collects energy during daylight.

02

STORE

Battery storage supports autonomous nighttime use.

03

LIGHT

15W front LEDs direct light toward the road surface.

04

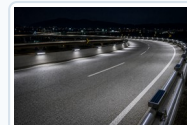
GUIDE

Repeated low-level units visually reinforce road alignment.

TECHNICAL SPECIFICATIONS

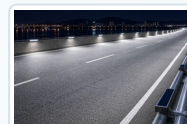
Product Name	Solar RoadGuide
Description	Low-Level Solar Road Lighting System
Body Size	1000 × 250 × 65 mm
LED Power	15W High-Brightness LED
Max. Luminous Flux	Approx. 2,800 lm
Beam / Tilt	70° × 150° / Tilt 30°
Recommended Spacing	Approx. 8 m · site review required
Power	Solar charging + battery storage

MAIN APPLICATIONS



IC / JC RAMP

Curves · ramps · lane guidance



BRIDGE / HIGHWAY

Long linear road edges



MOUNTAIN ROAD

Low ambient-light corridors

INSTALLATION & ENGINEERING

GUARDRAIL-MOUNT CONCEPT

Position the unit slightly behind the guardrail line and aim the road-facing LED toward the traffic surface. Final mounting angle, spacing, illuminance target and battery capacity must be validated for the actual site.