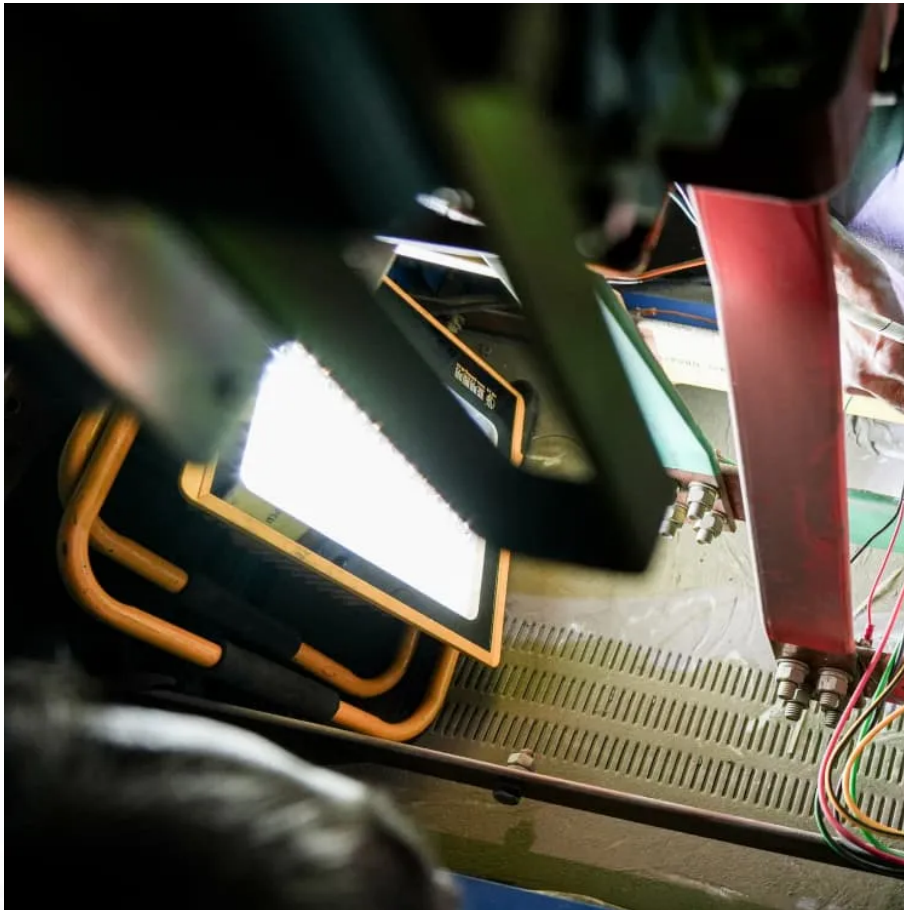


Iceland tile solar street light professional customization





Overview

What are ISSL streetlights?

iSSL streetlights are equipped with horizontal solar panels, perfectly suited for tropical and intertropical regions. In these areas, this orientation maximizes solar energy capture without requiring specific tilt adjustments. A simple and robust solar solution, designed to meet a wide range of lighting needs. Why choose iSSL range ?

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Why should you choose a solar street light manufacturer?

Tender-ready specs and IES/DIALux support, strict QC and certifications, fast lead times, and full after-sales. As a high-quality commercial solar street light manufacturer, we engineer solar powered street lights that deliver reliable lighting for municipal and industrial corridors.

How to design a solar street light?

1. Solar Street Lighting Demand Design Formula: $P_{LED} = E \times A / (\eta \times U \times K)$
Example: Road width 6m, distance between lights 25m, target illuminance 20 lx → $P_{LED} = 20 \times (6 \times 25) / (0.85 \times 0.5 \times 0.75) = 20 \times 150 / 0.32 \approx 94W$ → Choose a 100W LED module (Luminous flux 15,000 lm) 2. Solar Street Light Photovoltaic System Capacity Calculation Steps: 3.

Where can solar streetlights be used?

Ideal where panel orientation is critical, these solar streetlights suit highways, coastal roads and parking lot upgrades, offering energy saving operation and easy maintenance. Compact, plug-and-play solar lighting systems with integrated PV, Solar Battery, and controller.



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Street Light Customization

We provide street light customization services and provide customers with individually designed street light solutions. Whether it is in city streets, parks or around buildings, we can customize ...

CE Certification Custom Solar Light Street Light Exporters, ...

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Solar Street Light Manufacturer (Factory Direct) , Inlux Solar

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Solar Street Lights

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