

Solar lamp lighting area 10 meters





Overview

What is the spacing between solar street lights?

For light poles over 10m in height, the general formula is the spacing between lights = pole height \times 3. Additionally, for solar street lights with an 8m pole, the spacing between lights should be 25-30m using cross illumination. This method is suitable for roads that are 10-15m wide.

How to determine the installation height of solar street lights?

In determining the installation height of solar street lights, if the height of the lamp poles is between 3 to 4m, the formula $H \geq 0.5R$ can be used. Here, R is the radius of the illumination area, and H is the height of the street light pole.

How wide should solar street lights be?

This method is suitable for roads that are 10-15m wide. For solar street lights with a 12m pole, the longitudinal spacing between lights should be 30-50m with symmetric illumination, and road illumination width needs to exceed 15m.

How far apart should street light poles be arranged?

For general road lighting, when the width of the road does not exceed 15m, lighting is usually arranged on one side. distance between two street light pole on this side also depends on the height of the light poles; for poles shorter than 6m, the spacing can be set at about 10m, while for poles taller than 6m, the spacing can be between 10-25m.



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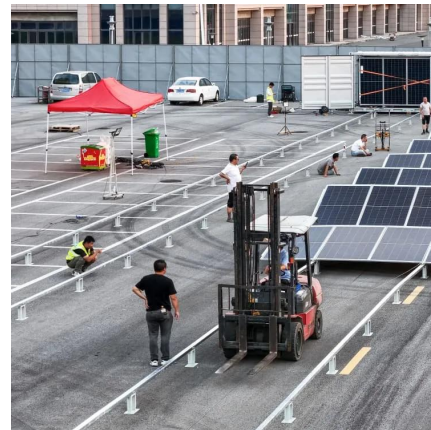


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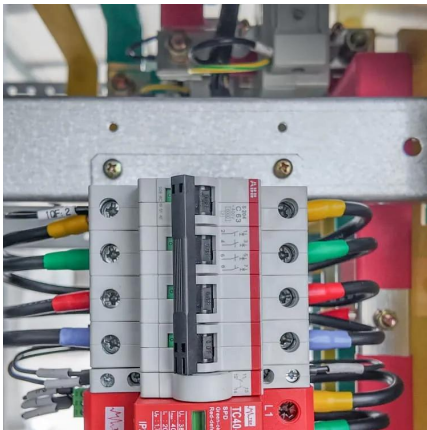
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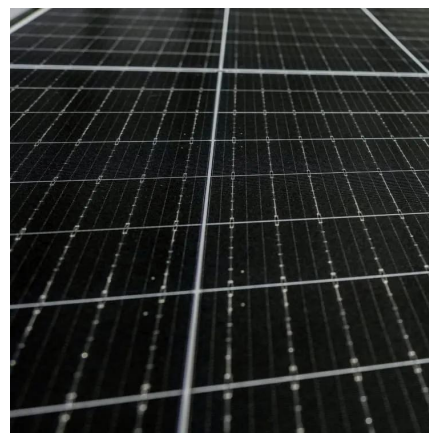


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