

**BULLARD
SOLAR**
One with the Sun

AOS Pro +
Model I All models

GUIDE 2025

**LED MODULE DIRECTION
ADJUSTMENT**

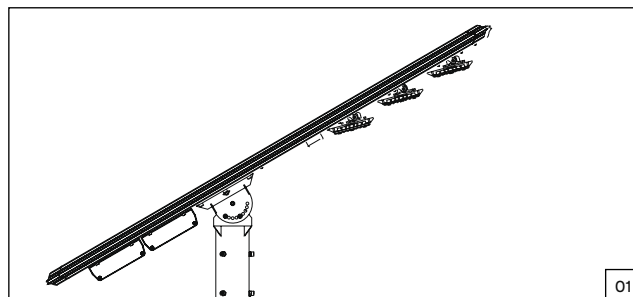
PAGE | 01

1 | Introduction

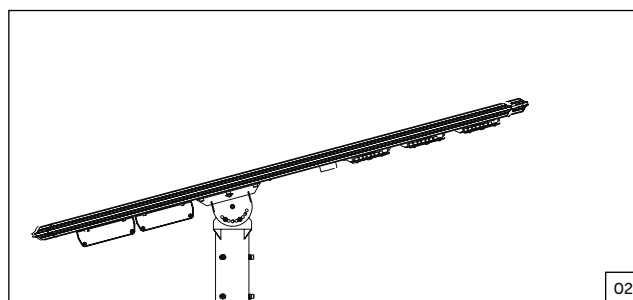
To achieve optimal performance with your **AOSPRO+** integrated solar street light, it is crucial to determine the best orientation for the solar panels based on your geographical location. Solar energy capture efficiency largely depends on the angle and direction of the panels relative to the sun's path.

By aligning the solar panels properly, you can ensure maximum energy absorption throughout the day.

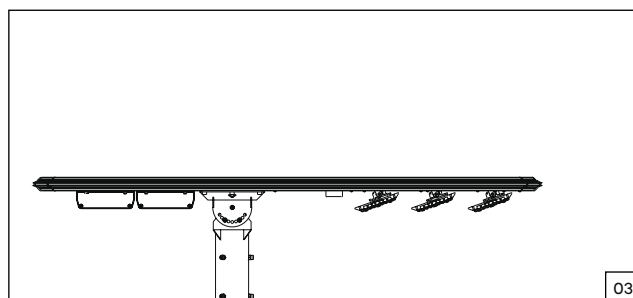
The **AOSPRO+** offers independently tiltable solar panels and **LED modules**, allowing you to optimize both solar energy capture and road illumination. This innovative design enables flexible adjustments to suit your location's specific solar exposure and lighting requirements, providing an efficient, all-in-one solution.



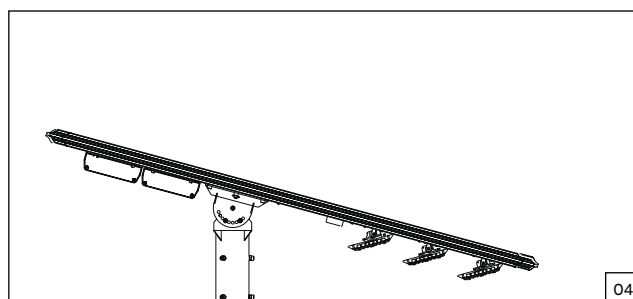
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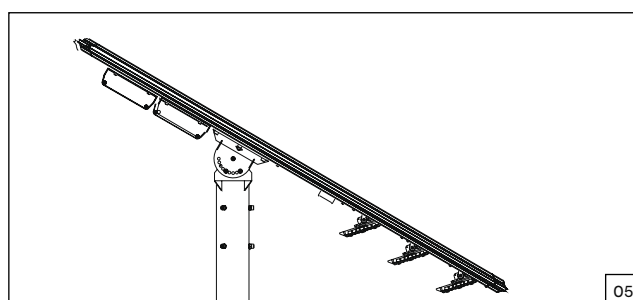
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03



04



05

2 | Optimizing

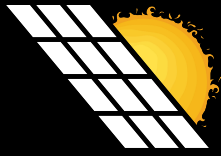
Direction of the LED Module

Once you have determined the optimal orientation for your solar panel based on your geographical location, the next step is to configure the direction of the **LED** module. This step ensures effective illumination of the desired area while maintaining the solar panel's optimal energy capture.

The independently tiltable design of the **AOSPRO+** allows for various configurations to meet diverse lighting needs. Below are examples of different configurations showcasing the flexibility of the LED module direction relative to the solar panel orientation:

Config 1 to 5

Choose the ideal position & Optimize energy capture at his best.



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PAGE | 02

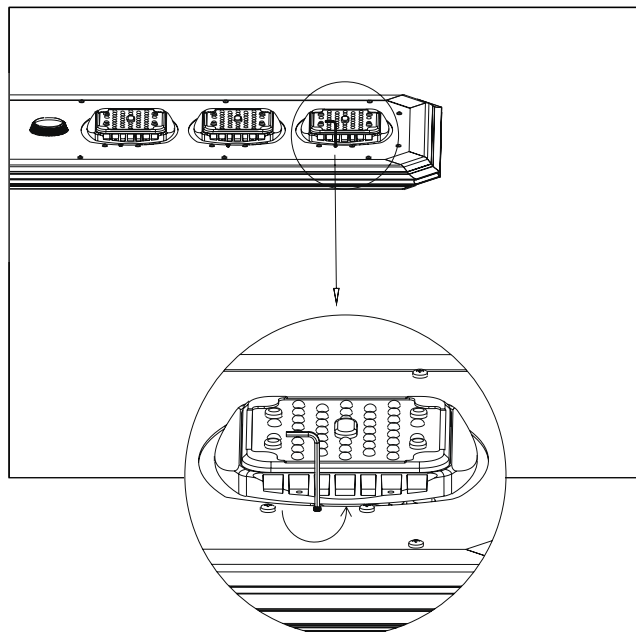
3 | Adjusting the LED Module Angle

Follow these steps to properly adjust the **LED module** angle for your **AOSPRO+** integrated solar street light:

Step 1 | Adjusting the LED Module to Illuminate the Front

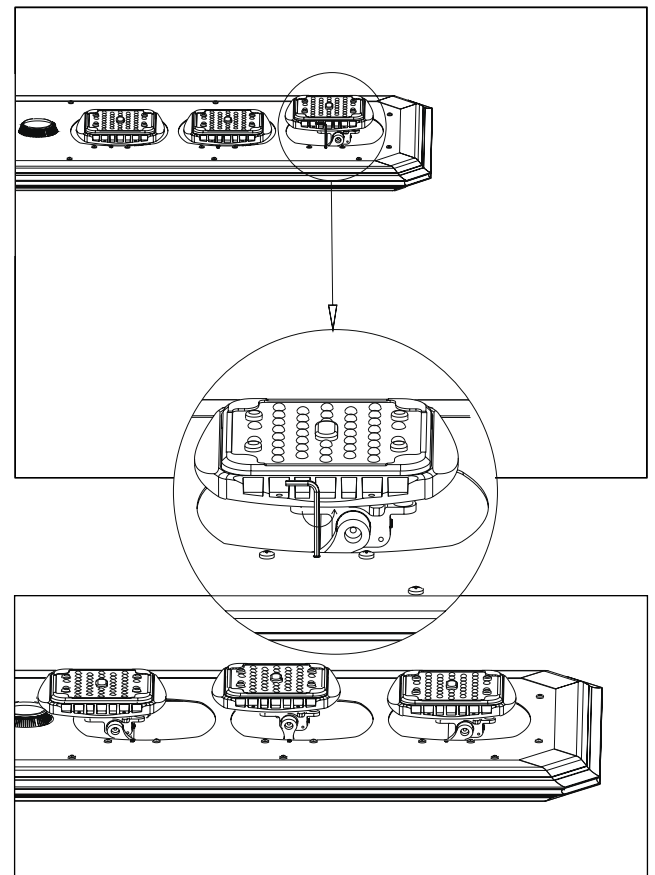
If you need to adjust the LED module to illuminate to the front, use the supplied Allen key to untighten the screw positioned on the side of the LED module.

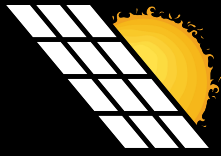
Tip: Do not completely remove the screw; loosening it slightly is sufficient to allow movement.



Step 2 | Elevate the LED Module to a Higher Position

Manually pop up or elevate the LED module to the higher position as needed.





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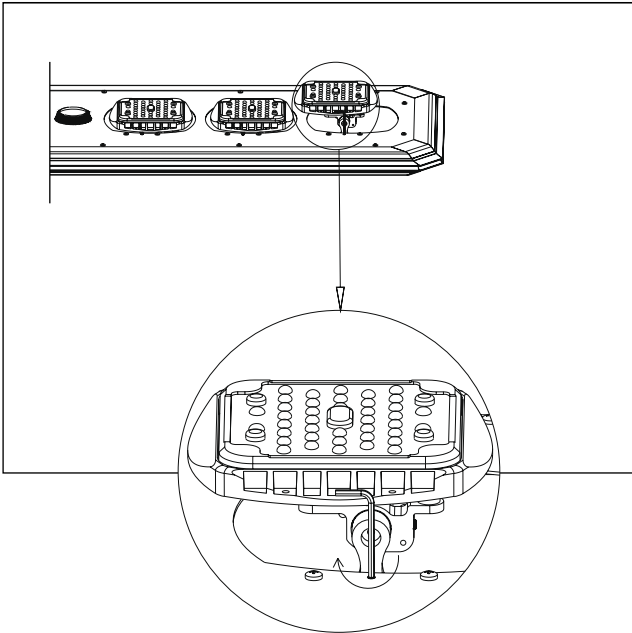
GUIDE 2025

LED MODULE DIRECTION ADJUSTMENT

PAGE | 03

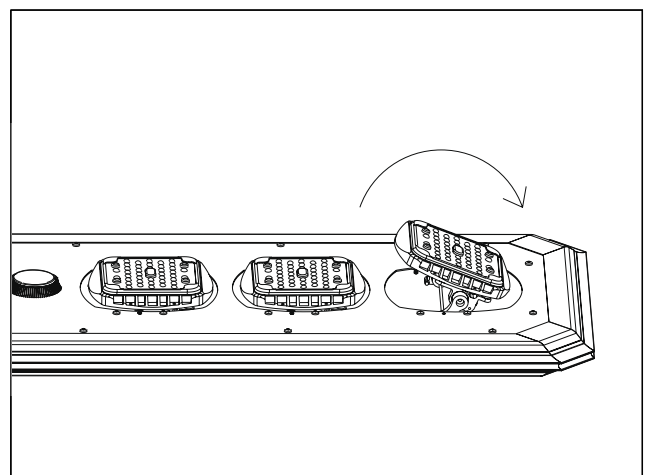
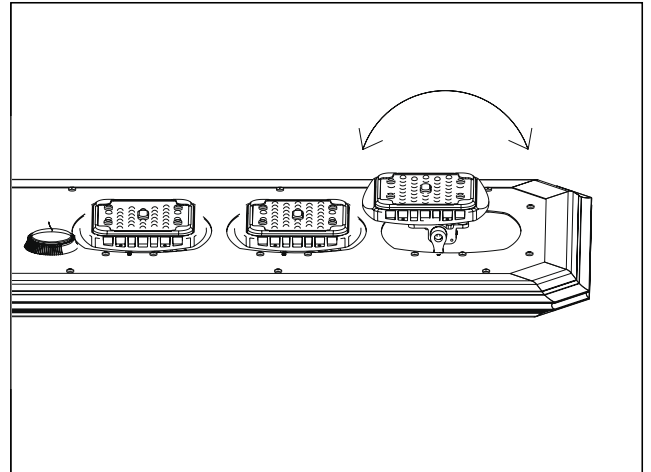
Step 3 | Secure the LED Modules

Once all **LED modules** are aligned at the same level, tighten the screw using the supplied Allen key to fix them securely in this position.



Step 4 | Adjust the LED Module Direction

Now, you can manually adjust the direction where the LED module will illuminate.



- **Note:** If you need the LED module to illuminate backward, it is not necessary to complete Steps 1, 2, and 3.

Ready to Use

Once these steps are complete, your AOSPRO+ is fully adjusted and ready for use. Enjoy optimized solar energy capture and effective illumination tailored to your needs! For more informations: sales@gordonbullard.com