



**-tech**  
LED Lighting



# AIO

**All in One**  
Solar Streetlight Series



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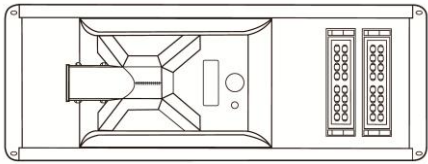
Tel: 08 9330 8485

Email: [support@s-tech.com.au](mailto:support@s-tech.com.au)

## AIO

### All In One Solar Street Light Series

#### Package Includes



1pc SSL-AIO Solar Street Light



1pc SSL-AIO Remote Control  
(requires 2 x AAA Batteries)

#### Installation Instructions

The AIO solar streetlight can be installed on either a pole top or outreach (vertical or horizontal positions). The light spigot will fit onto a 60mm or 76mm O.D. pole spigot, included in the spigot is an internal sleeve to fit on a 60mm, or remove the sleeve if you are fitting onto a 76mm.

S-Tech also offer a range of pole adaptors and outreaches should you require it to fit to an existing pole.

Adjust the light spigot by loosening the Allen Bolt (M16) to adjust it to the correct type of installation you are completing.

**For best operation the solar panel should be NORTH facing**, we understand that with some lights you will not be able to face the solar panel to the North, this will impact the ability to charge the light efficiently, in this situation please keep the light flat and use the adjustable LED panels to direct the light as required.

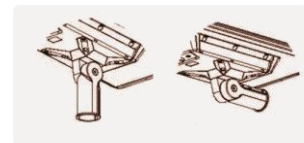
Once the light has been slipped onto the pole or outreach, adjust the light to ensure that it's level and then tighten the Allen bolts to secure the light to the pole. You can then use the knuckle and LED panels to adjust the angles as required.

**The final step is to press the power button on the light** to activate the controller.

Please note that during storage the battery may be drained, and the light may not work the full night following installation.

Your light is now installed and ready to work.

Remote control instructions are on the following page.



## AIO

### All In One Solar Street Light Series

#### Remote Control

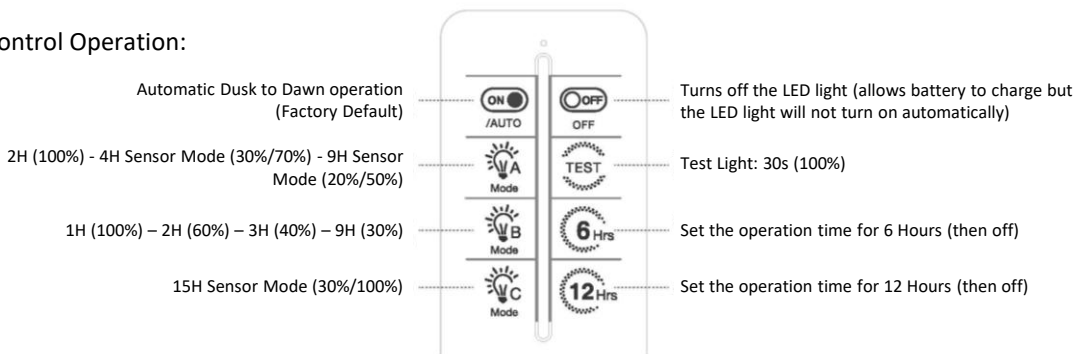
The light has a default factory setting; however, a simple remote has been included should you want alternative options. Use the remote control directly under the light (within 5-7 metres).

The LED Light will flash once when it receives an update of program from the remote.

#### Factory Default (Mode C):


30% no motion, 100% when motion detected, after 30 seconds since the last motion detected the light will dim back to 30%


#### Remote Control Operation:





When you first power on the light the default mode is MODE C


More detailed instructions on the remote operation are as follows:


 Turns on the light ready for automatic night-time operation. Defaults to last programmed mode


 Turns off the light allowing the solar panels to charge the battery and will not allow the LED light to turn on automatically.


 First 2 hours light runs at 100% brightness (no sensor), following 4 hours sensor mode is activated where the light is at 30% brightness until motion sensed and it will increase to 70% brightness, final 9 hours or until dawn, the light will operate at 20% brightness until motion sensed and it will increase to 50% brightness.

 This mode does not use the sensor, this is constant brightness. First 1 hour is 100% brightness, following 2 hours at 60% brightness, then 3 hours at 40% brightness and finally, 9 hours (or until dawn) at 30% brightness.

 This setting is for standard sensor mode, the light will be at 30% constant brightness until motion is sensed and it will increase to 100%. Light will stay bright until there is no longer any motion sensed, then the light will remain at full brightness for approximately another 30 seconds.

 Press this button to test the light during the day, the light will remain on for 30 seconds.

 If you only need the light for several hours only, there is a timer function included in this light. You can set the timer for either 6 or 12 hours, then the light will turn off until the next light and the timer operation will continue.

 To program the timer mode, select mode A, B or C for the operation required, then press either the 6Hrs or 12Hrs button as required. For example, you select mode A, it will be at 100% for 2 hrs, then 4hrs on sensor mode then turn OFF.

To reset the timer function, just select the required mode (A, B or C) and it will operate as dusk to dawn.

AIO

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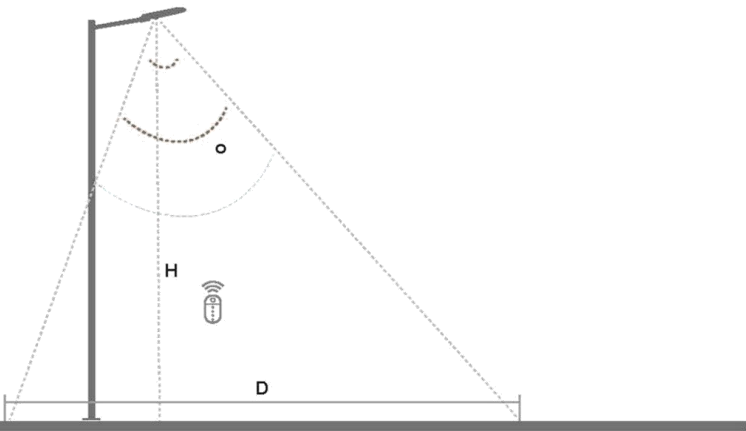
Switch to Excellence

Motion Sensor

When using the remote control, it’s best to be as close as possible to the luminaire to ensure that the signal is received by only the light you are programming.

Installation height, the environment and other factors may affect the sensors detection area.

Microwave Sensor	
“O” (angle)	65°
“H” (pole height)	6 – 10m
“D” (induction width)	7 – 10m



Sensor Indicator Status

Indicator Light	Status	Description	Details
Red Light	Solid ON	System Normal	Luminaire is operating as normal
	SLOW Flash	Charging	Battery is in charging state, should only be flashing during daylight hours.
	FAST Flash	System Malfunction	Short/Open circuit / over-discharge/PV over temp / BV over temp / system over temp

Trouble Shooting

Problem	Possible Reason	How to solve it
Light is OFF	Power switch is not ON	Next to the sensor on the luminaire, there is a power button. Press this button to turn the luminaire ON
	Check Solar Panel Location	Ensure the solar panel is facing North, if the solar panel can't be faced North, mount the light as flat as possible and adjust the LED lights to direct the light where it's needed.
	Solar panel in the shade for parts of the day	Consider trimming the trees / obstruction, or relocate the light to a position where it can receive full sunlight
	Debris on Solar Panel	Clean the solar panel
Light not lasting all night	Check Solar Panel Location	Refer above
	Continuous Rainy Days / Winter	During winter there may be some days that the light can not last all night, consider adjusting the program to shorten operation time.
	Battery life	Like your phone, batteries do lose their ability to hold the same charge as they did when they were new. Consider replacing the battery should the light continue not to operate as it once did.