

INSTRUCTIONS

SL-SAL-HYB-30W-40K-SF-G1

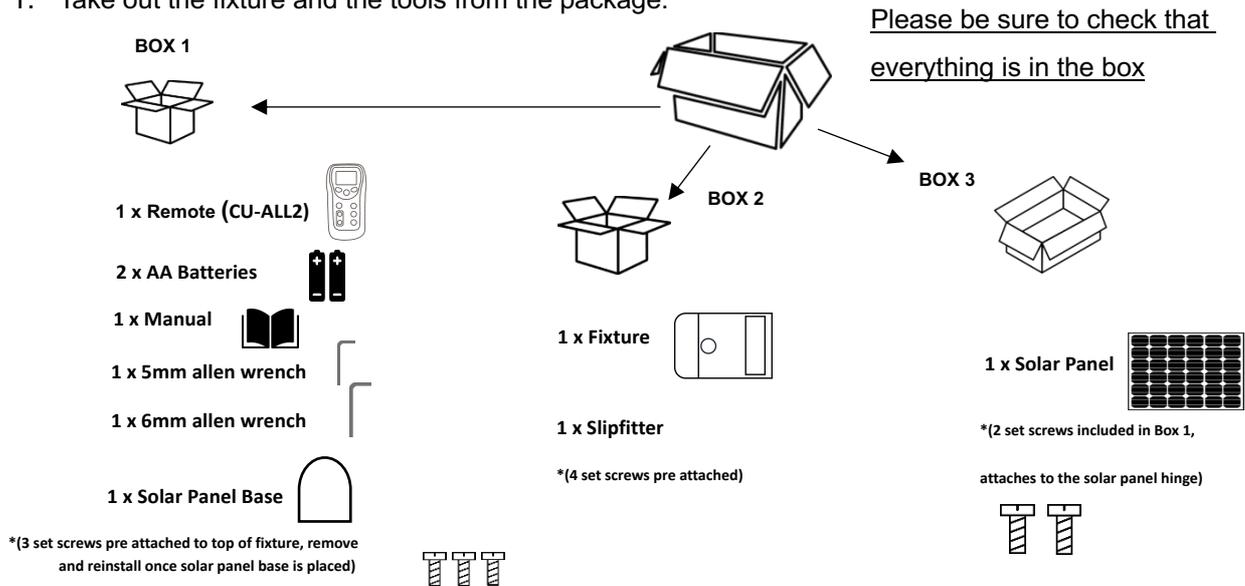


Outdoor Series

READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

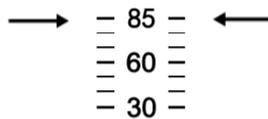
Fixtures must be wired in accordance with the National electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONTRUCION AND OPERATION OF THE PRODUCT THE HAZARDS INVOLVED.

1. Take out the fixture and the tools from the package.



2. SLIPFITTER MOUNTING

a. Adjust the angle of the fixture. Line up the lines w/ numbers with the arrows on the fixture. Loosen the screws and swivel the fixture to the desired angle, then re-tighten the screws.



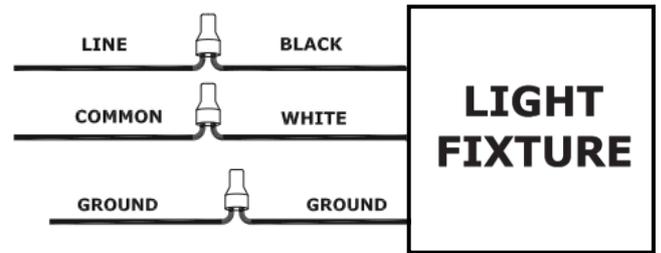
b. The slipfitter mounting fits a 2 3/8" O.D. Tenon. Place the slipfitter over the Tenon and secure the fixture with the two Set Screws on the side of the slipfitter.



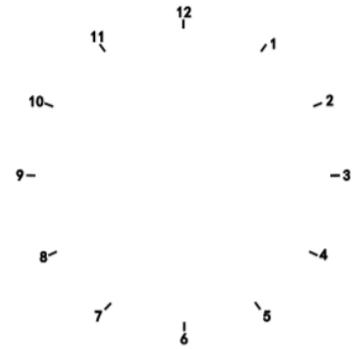
3. Install Wiring

The driver permits operation at 120V thru 277V,
50 or 60 Hz

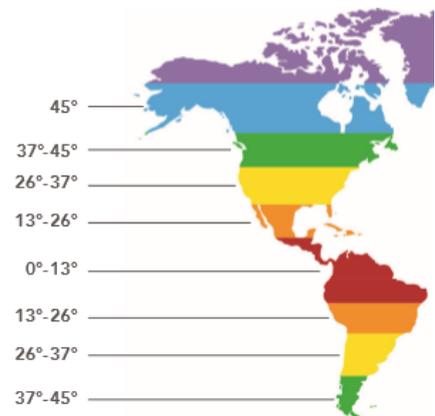
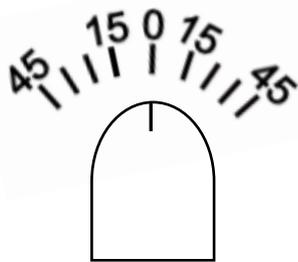
- Connect the black wire to the line
- Connect the white wire to the common
- Connect the green wire to ground



4. Adjust the solar panel base hinge. Use the marking on the solar panel hinge base to line up with the number on the fixture that best suites the installation. For optimal results, always face the panel facing the equator. In the northern hemisphere, solar panels charge most optimally when installed facing South. West & East facing panels won't get as much light as a southern facing panel but will still collect good sunlight. A North facing panel will work, but it will take longer to charge than any other direction, meaning solar charging may be less than optimal in installations facing this way.



5. Adjust the solar panel to the optimal angle for your location. for best results, use the same latitude angle of location that you are installing at. For example, Chicago is 45 degrees. Please refer to the image below for more info. Place the 2 set screws & tighten. Set as close as possible. Use the line located on the top of the solar panel hinge to line up with the angle of your choosing.



6. Once the fixture is completely installed, plug the cable from the solar panel to the cable on the back of the fixture to activate the fixture. The light will turn on approximately 15-20 minutes after sunset has officially started.



Introduction: Remote-Control



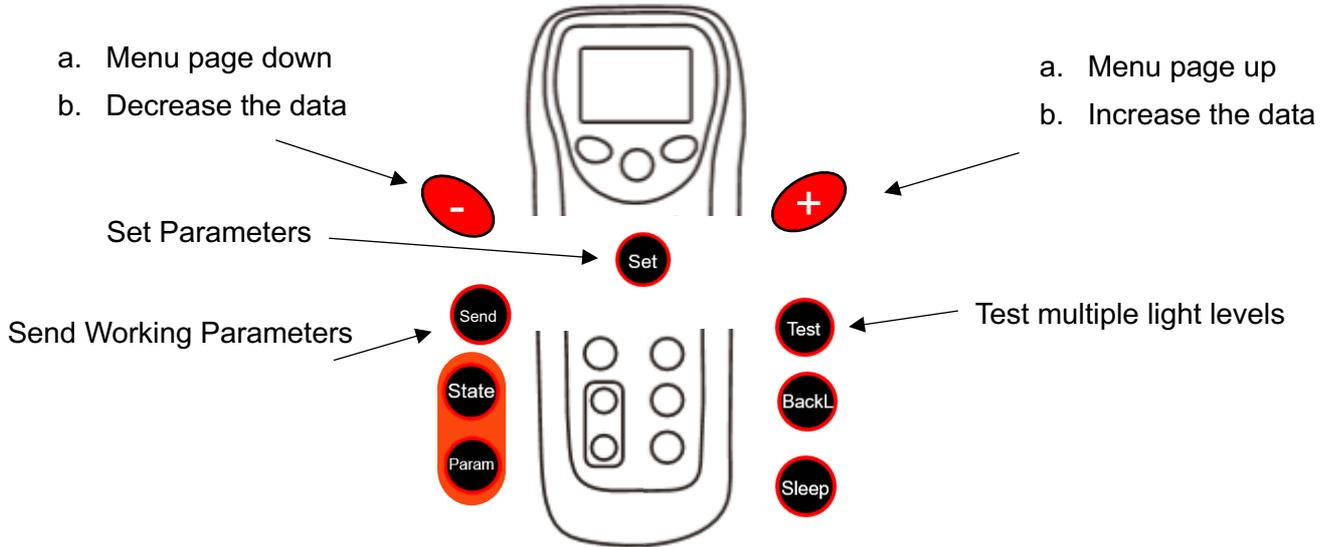
The default setting is Dusk 'til Dawn @100%

The remote connects to the fixture via IR and has up to 24ft of distance

The remote does not need to be connected to the fixture to operate! It is automatically set to the default Dusk 'til Dawn @100%

Quick Start Guide

Main Features



Operating Modes

D2D100	Dusk 'til Dawn @100%, this is the default setting
MS20-100	20% Light Level Constant, 100% Light Level w/ Motion
MS50-100	50% Light Level Constant, 100% Light Level w/ Motion
MS20-80	20% Light Level Constant, 80% Light Level w/ Motion
MS50-80	50% Light Level Constant, 80% Light Level w/ Motion
Custom ⚙️	Set up to 6 different time, power, and motion settings

1. Start up the remote by clicking any button

2. The Operating Modes will appear, click the  button. You will hear a beep from the controller

3. Click the send button while under the fixture, directly pointing at the motion sensor. If successful you will hear a beep and see a 😊 face on the controller in the top right area of the screen

CUSTOM EDIT

CUSTOM is edited in the CUSTOM EDIT section, just below the CUSTOM selection

1st Time	0-15 hrs	1st Power	0 - 100%	1st Motion	0 - 100%
2nd Time	0-15 hrs	2nd Power	0 - 100%	2nd Motion	0 - 100%
3rd Time	0-15 hrs	3rd Power	0 - 100%	3rd Motion	0 - 100%
4th Time	0-15 hrs	4th Power	0 - 100%	4th Motion	0 - 100%
5th Time	0-15 hrs	5th Power	0 - 100%	5th Motion	0 - 100%
6th Time	0-15 hrs	6th Power	0 - 100%	6th Motion	0 - 100%

FIXTURE	
Product Model	SL-SAL-HYB-30W-40K-SF-BK-G1
Actual Power/ Lumen	30W / 5600LM
Dimension L x W x H	Main body: 16.33 x 10.5 X 3.15 in
LED rated life	>50,000 HRS
Mounting	Slip Fitter Φ 2 3/8 in
Driver	Sosen Model #: SS-60A-12
Working Mode	Default- 50% on, motion sensed 100%. Custom Settings via Remote
Color Temperature	4000K
Material	Aluminum Alloy + Polycarbonate
Charge Time	About 7-10 hours of good sunlight
Beam Angle	140°
IP Rating	IP65
Recommended Install Height	10-25ft
Weight	30 lbs.
Warranty	5 YEARS
Packing	QTY/CTN: 1pc
Battery Charing Temp	Charging Temperature -4°F ~ 140°F
Discharging Temp	-40°F ~ 140°F
Fixture Operating Temp	-40°F ~ 140°F
Surge Protection	3kV
EPA Rating	4.45 ft2

BATTERY	
Battery Brand	BST
Battery Part #	C00423-005-PP-IFR26650G2W-4S7P
Battery Type	LiFePO4
Battery Charging Temp	-4°F ~ 140°F
Battery Discharging Temp	-40°F ~ 140°F
Replaceable Battery	YES
Charges	1000 Cycles
Charge Voltage	14.6V
mAh	23.4
W/h	303
Battery Weight	5.73 lbs.
Dimensions	8.27 x 4.72 x 3.15 in

SOLAR PANEL	
Solar Panel Type	Monocrystalline
Solar Panel Watt	50W
Solar Panel Voltage	12V
Solar Panel Adjustable	YES
Charging Time	7-10 Hrs.
Solar Panel Dimensions	15.75 *31*1.75 in
Weight	10.58 lbs.
Bi-Pass Diodes	Single Cell, no cutoff
Efficiency	18-21%

Warning and Attention:

1. Before installation, please ensure the light pole foundation is solid enough to withstand the lighting fixture.
3. Position the lighting fixture to optimize its exposure to sunlight. Always face the equator if possible (solar panel to face south if in northern hemisphere for example).
4. In order to allow self-cleaning, please have a minimum angle of 15 degrees.
5. For best results install on a day with full sunlight.
6. Adjust the angle of the fixture to optimize its exposure to sunlight, avoid north facing panels in the US
7. The fixture is on once the solar panel is connected to the fixture solar panel connector wire. Please make sure the panel is installed under direct sunlight. The red light should be flashing, indicating that it is charging.
8. The lighting fixture will automatically turn on at night and turn off during daylight. The solar panel is the photocell.
9. Please select the right operating mode according to the local legislation needs and the local sunshine conditions.
10. The battery of the LEDSAL solar streetlight fixture will stop charging when the ambient temperature is below -4°F or above 140°F . The working temperature of the solar fixture is -40°F (-40°C) to $+140^{\circ}\text{F}$ ($+60^{\circ}\text{C}$). When operating in an environment with a temperature lower than -40°F (-20°C), line voltage will kick in to operate the light.

