

SOLA SERIES

Outdoor Lighting

WESTGATE
THE FUTURE IS HERE...AND IT'S QUITE BRIGHT!

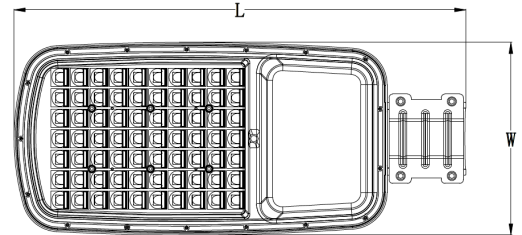
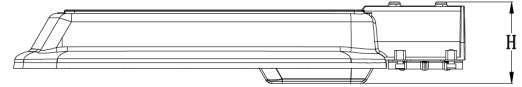
SOLA-SPLT-30W-50K
ROADWAY AND AREA SOLAR LIGHTS

Customer Name: _____

Project Name: _____

Note: _____

Type: _____



19"(L) x 8 1/4"(W) x 3 1/2"(H)

Ideal for general site lighting, alleys, loading docks, doorway, pathway, and parking areas.

Features

- Die-Cast Aluminum With Powder Coat Finish (Light Grey)
- Solar Panel, LED Lamp, Battery and Controller And Split Type Design.
- Lifespan: 70000 Hrs.
- Optical Lens: TYPE III High Light Transmittance PC, Anti-UV and Flame Resistant

Technical Specifications

Electrical:

- LED Wattage: 30W
- Power Factor: 0.95
- Efficacy: 150 LM/W

Mechanical:

- No Wires
- Die-Cast Aluminum With Powder Coat Finish (Light Grey)
- Smart Lighting Controller & Remote Control To Charge Settings (Remote Is Not Included)
- EPA Rating: 0.26 Square Feet
- Operating Temperature: -4°F to 104°F
- IP Rating: IP65

Battery:

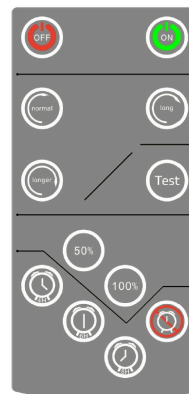
- Battery Charge Time To Full Level: 6 to 12 Hours Depending On The Sunlight Quality, See The Map On Page 3
- Battery Type: LiFePO4
- Battery Life: More Than 2000 Cycles (2000/365days=5.47 Years) With Overcharge and Over-Discharge Protection
- Operation On Full Charge: 10 hrs. Depending On The Sunlight Quality, See The Map On Page 3

Lighting:

- Dimming: Set Remote
- Optical Lens: TYPE III High Light Transmittance PC, Anti-UV and Flame Resistant
- LUMILEDS 2835 LED 150Lm/W
- Total Lumens: 4500LM
- Color Temperature: 5000K
- Color Rendering Index: >80
- Lifespan: 70000 Hrs.

Applications:

- Ideal for Ideal for doorway, pathway and alleys
- Great for use with optional motion sensors or photocell



- Normal Mode:
 - 30 minutes at 100% brightness
 - 60 minutes at 60% brightness
 - 90 minutes at 50% brightness
 - 60 minutes at 40% brightness
 - 20% brightness until dawn
 - This mode lasts up to two nights.
- Long Mode:
 - 30 minutes at 50% brightness
 - 60 minutes at 40% brightness
 - 90 minutes at 30% brightness
 - 60 minutes at 20% brightness
 - 16% brightness until dawn
 - This mode lasts up to three nights.
- Longer Mode:
 - Fixed at 16% brightness until dawn
 - This mode lasts up to four nights.

see the instruction on page 4

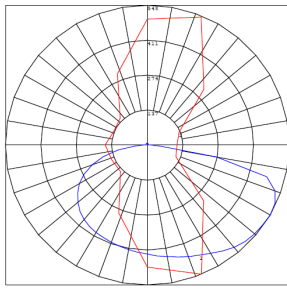
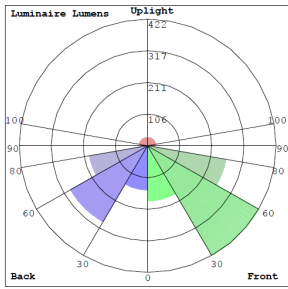


Phone: (877) 805-2252 | Fax: (877) 805-2252
www.westgatemfg.com

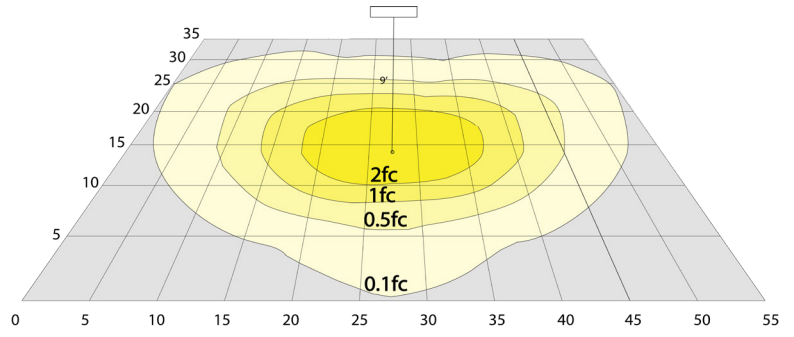


WG-09112023

Photometrics: SOLA-SPLT-30W-50K



BUG Rating: B1-U2-G0



17W, 5000K Area 35'x 55' Mounting Height: 9'

Other Views:



Shown with 2" Pole Top Mount, Sold Separately



Shown with Pole/Wall Mount Arm, Sold Separately



Shown with Pole/Wall Mount Arm, Sold Separately

Performance Table: SOLA-SPLT-30W-50K

| MODEL NO. | LED WATTS | Lumens | Color Temp. | BUG Rating | LPW |
|-------------------|-----------|--------|-------------|------------|-----|
| SOLA-SPLT-30W-50K | 30W | 4500LM | 5000K | B1-U2-G0 | 150 |

Sample Ordering

Model Style Min. Watt Color Temp.

SOLA - SPLT - 30W - 50K

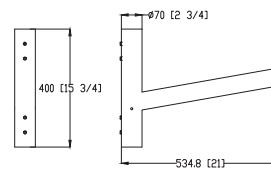
Accessories

Blank = No Option
 SOLA-SPLT-PM = POLE MOUNTING ARM FOR SPLIT SOLAR LIGHTS
 SOLA-SPLT-WM = WALL MOUNTING ARM FOR SPLIT SOLAR LIGHTS
 SOLA-RC = SOLA SOLAR LIGHT REMOTE CONTROL UNIT

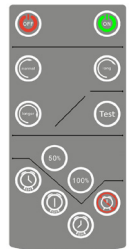
ACCESSORIES:



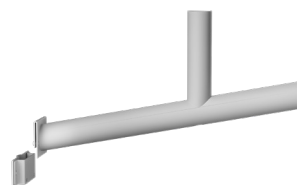
SOLA-SPLT-PM



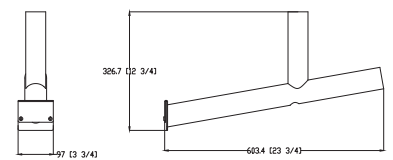
15 3/4"(H) x 21"(W) x 2 3/4"(D)



SOLA-RC



SOLA-SPLT-WM



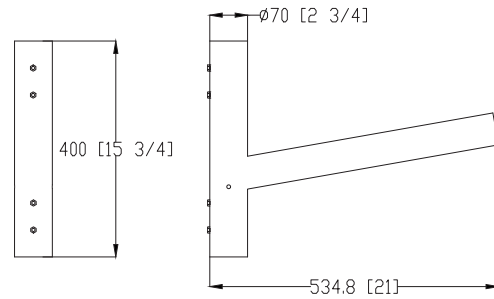
12 3/4"(H) x 23 3/4"(W) x 3 3/4"(D)



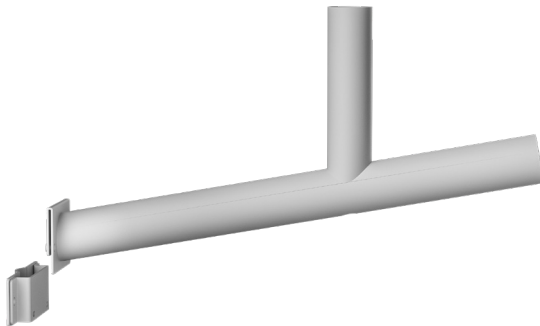
ACCESSORIES:



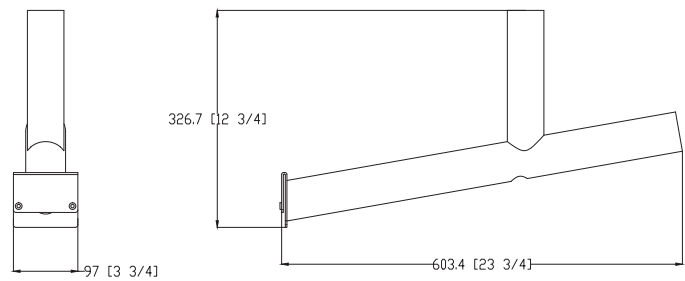
SOLA-SPLT-PM



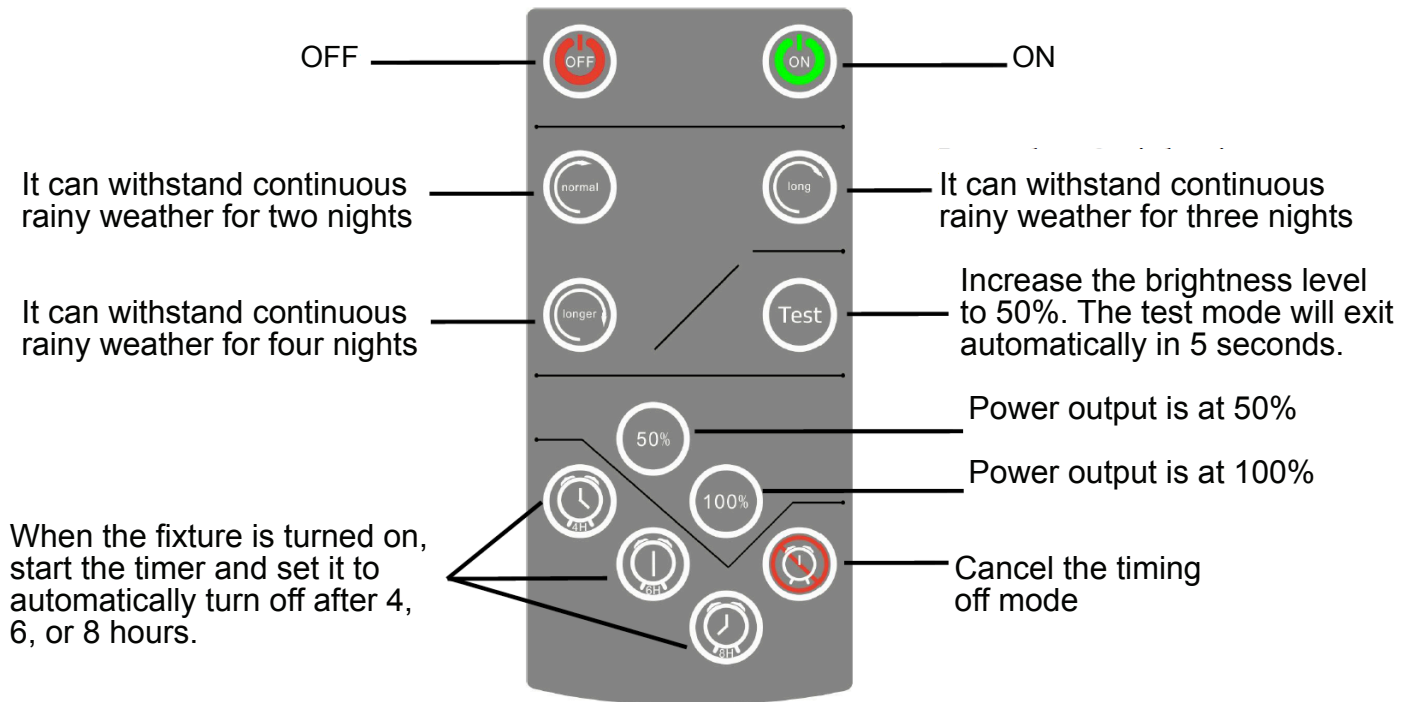
15 3/4"(H) x 21"(W) x 2 3/4"(D)



SOLA-SPLT-WM



12 3/4"(H) x 23 3/4"(W) x 3 3/4"(D)

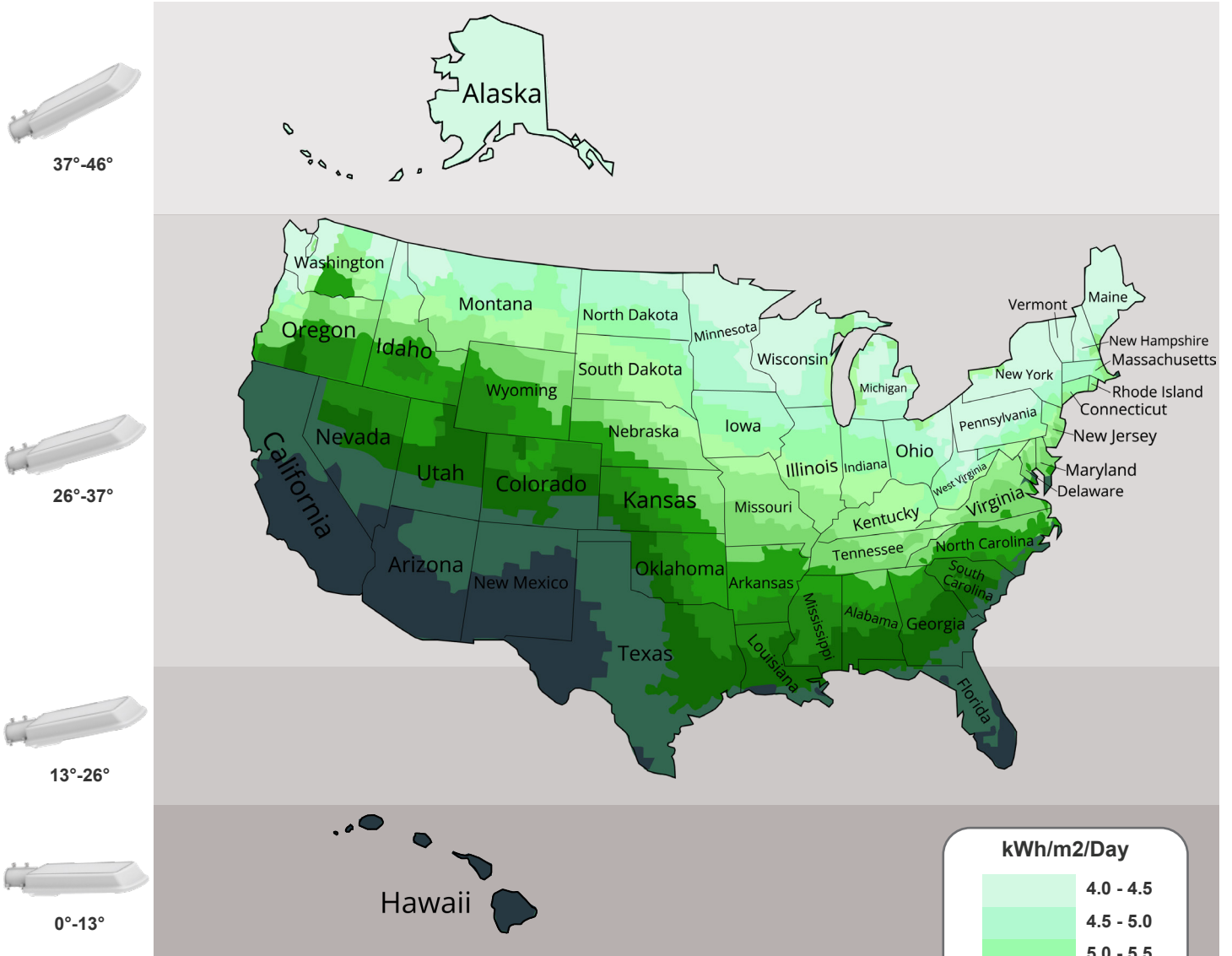


- **Dimensions:** 4.53" x 2.17" x .59"
- **Range:** ≥8M (indoor dark environment), ≤3M (outdoor)
- **Battery:** 2 x AAA 1.5V. **Function:** Refer to picture
- **Charge for 12 hours then discharge, 12 hours of working time**



Average Daily Solar Radiation Per Month:

Increasing the tilt 15° in the winter or decreasing 15° in the summer gives the maximum sunlight for recharging the battery.



- The best facing direction for the solar panel is toward the south. facing west & east & north will provide less sunlight, resulting in a long time to charge the battery. The solar charge will be less optimal if the installation is facing north.

