Broadway

Billboard Light
10W 20W
User Manual

SOLTECH offers Eco-friendly technology
to help users benefit clean energy.

SOLTECH
Smart Solar Lighting

01 **Introduction**

Important
Please read these instructions before installation to ensure optimum results and longevity of your lights. The solar panel should be charged in full sunlight for 8 to 9 hours before initial first use to provide optimum results.
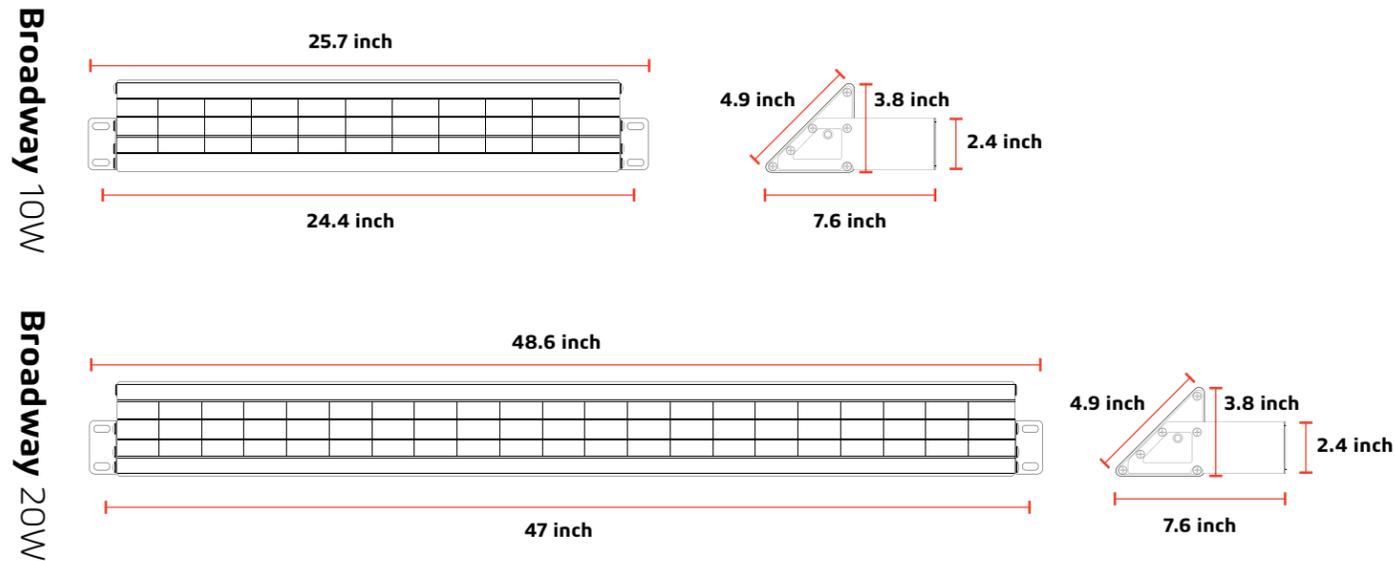
Features
· Easy Installation—No electrical wiring is required with its integrated design
· Turns on automatically at night and off during the day
· The lights include an ON/ OFF switch and built in battery
· Battery can support 2-3 nights with cloudy days once fully charged
· Intelligent power saving mode increases lighting x1.5 times
· IP65 water and dust resistance

How The Solar Panel Works
During the day, the solar panel converts sunlight into electricity to charge the battery. At night, the lights turn ON automatically using the electricity stored in the battery. The performance of the solar light dependents on the location of the solar panel and weather conditions. Install the solar panel in a sunny location to ensure it receives 6-8 hours of sunlight each day. Reduced sunlight will reduce continuous working hours at night.

Please Note
During continuous rainy or cloudy days, run time may be reduced as the battery will not be fully charged.

Broadway 10W

25.7 inch · 4.9 inch · 3.8 inch · 2.4 inch · 24.4 inch · 7.6 inch

Broadway 20W

48.6 inch · 4.9 inch · 3.8 inch · 2.4 inch · 47 inch · 7.6 inch

Order Information Chart

Series	Wattage	Color Temperature	Mounting Options	Finish
STL-TRI=Broadway	**010**=10W 1000 Lumens **020**=20W 2000 Lumens	**X=4**=4000K **X=5**=5000K	**YY=WM**=Wall Mount **YY=LAM**=Long Arm Mount	**ZZ=BK**=Black

Sample Number: STL-TRI0104WMBK

For example: STL-TRI0104WMBK
This means the customer wants a Broadway 10 watt, 4000k temperature, wall mount installation, with a black finish.

DO NOT send the sample number directly to our salers. Use the information in the chart above to create a model number with the correct series, wattage, temperature, mounting option, and finish for the product that you want.
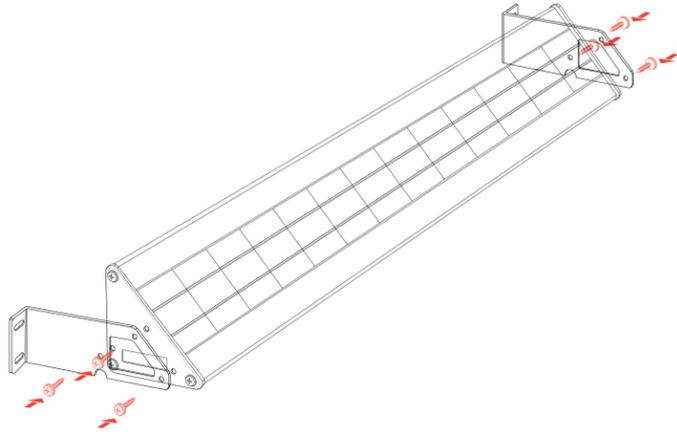
02 **Specification**

Designation	**Broadway** 10W	**Broadway** 20W
LED Nominal Power	10W	20W
Efficiency@5000K	100lm/W	100lm/W
Lumen Output@5000K	1000lm	2000lm
LED Chip	OSRAM	OSRAM
Lithium Ion Battery	3.7V 17.6Ah	3.7V 35.2Ah
Solar Panel	5.5V 8W Polycrystalline	5.5V 17W Polycrystalline
EPA	1.05	2.1
CRI	>70	>70
Casting	PC/Aluminum	PC/Aluminum
LED Temperature	4000K 5000K	4000K 5000K
Waterproof Rating	IP65	IP65
***Charging Time**	8–10 Hours (1000W/m²)	8–10 Hours (1000W/m²)
Autonomy(@Full Power)	2–3 Days	2–3 Days
Beam Angle	120°	120°
Operation Mode	First 4 hours 100% brightness, 25% brightness till dawn	First 4 hours 100% brightness, 25% brightness till dawn
***Operating Temperature**	-4 F° to 149 F°	-4 F° to 149 F°
***Charging Temperature**	32 F° to 113 F°	32 F° to 113 F°

* The temperature can impact the battery's charging and normal operation. If your place's temperature is under 32°F, we advice you to use the Sunlike Pro version to achieve better lighting results.

* The solar charge time data is base on 25 degree Celsius ambient temperature with the panel pointed vertically at the solar radiation. The standard radiation value is 1000W/Sqm.
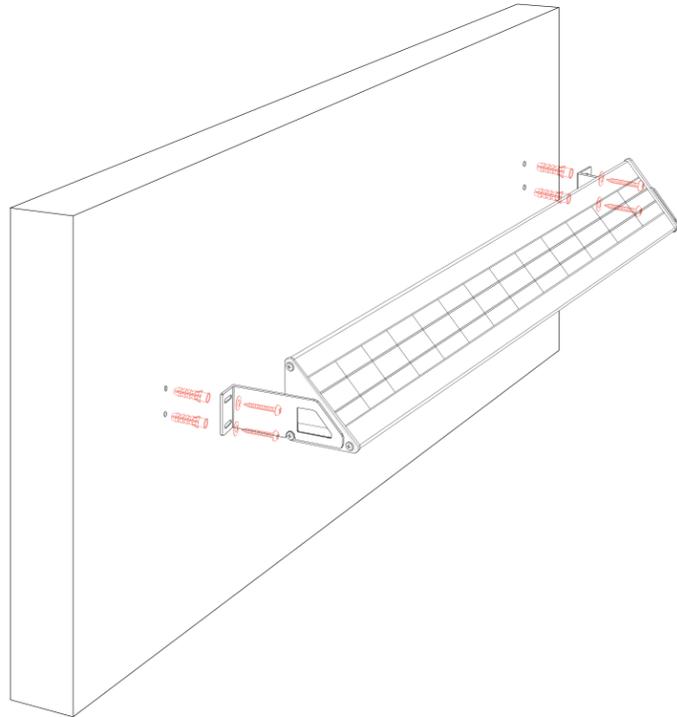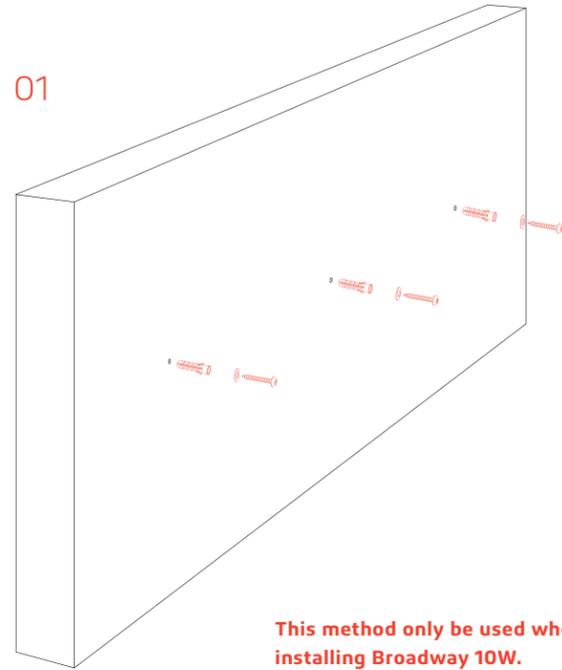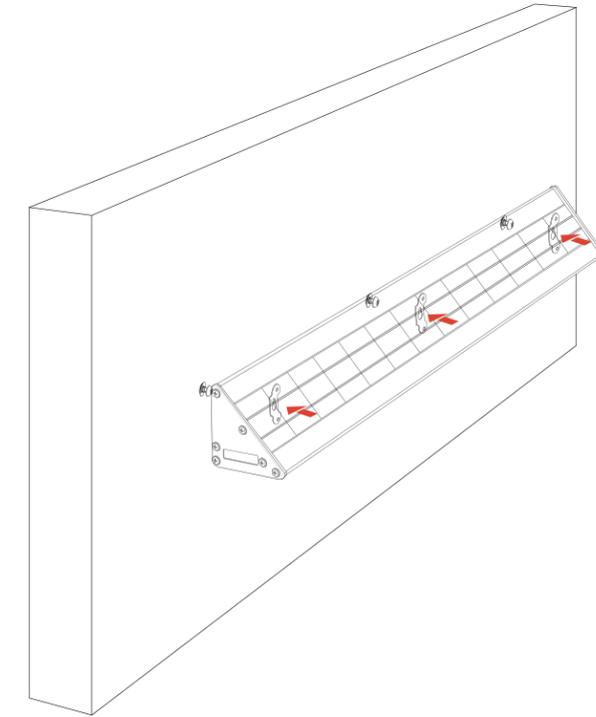
03 **Installation**

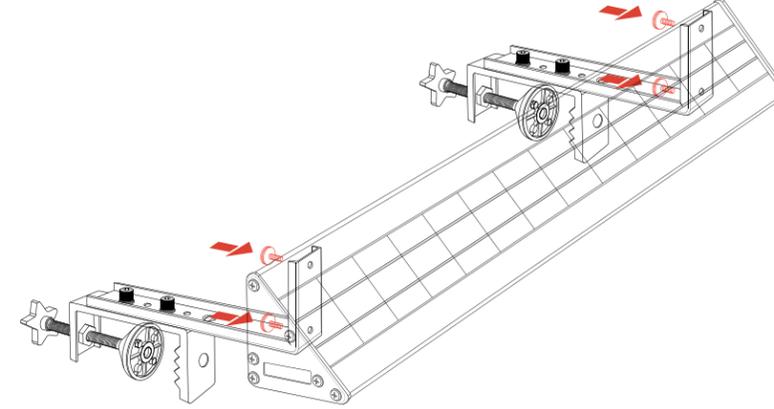## Wall Mount

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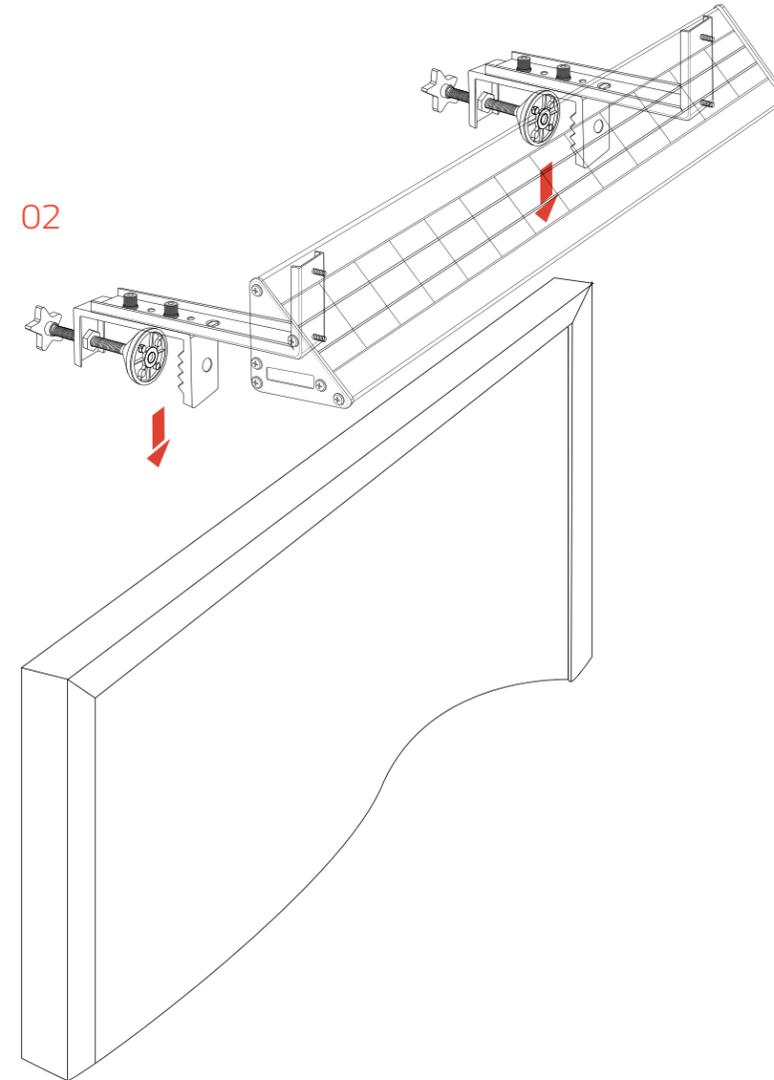**This method only be used when installing Broadway 10W.**

02

02
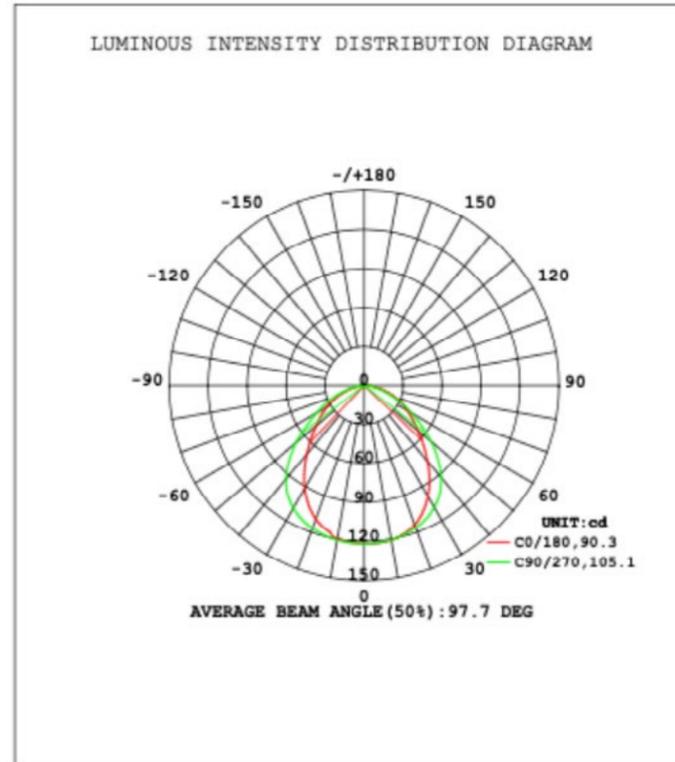

Long Arm Mount

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Broadway 10W needs two Long Arm Mounts. If you install Boardway 20W, you need three Long Arm Mounts.

Long Arm Mount asscessories does not include in the Broadway packaging. You have to connect with SOLTECH salesperson if you need it.
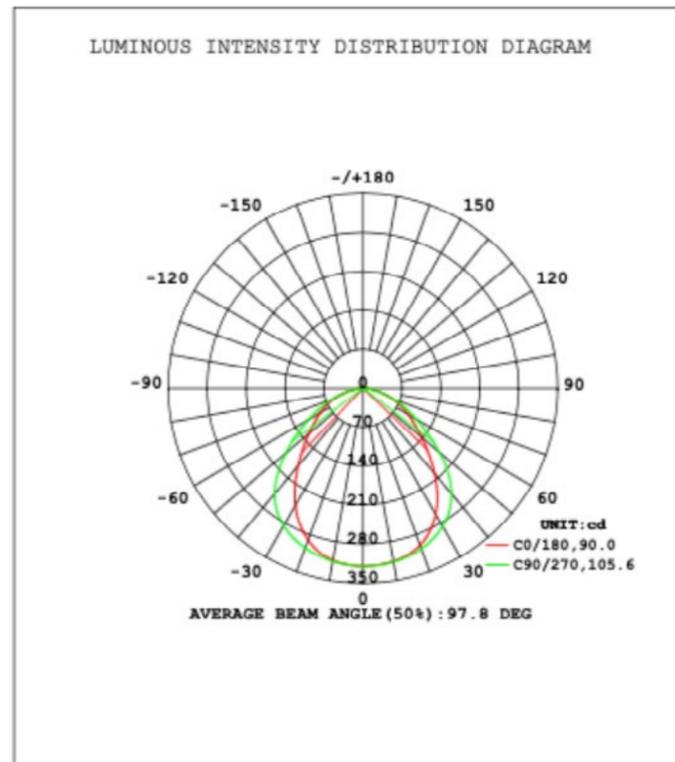
For thinner billboards, the Long Arm mount uses a tighten-to-grip system that securely places the Broadway into place. Perfect for temporary signages that need illumnation for a shorter period of time.

04 **Luminous Distribution**

Broadway 10W Type Ⅲ

Broadway 20W Type Ⅲ

05 **Warranty**

Broadway products are covered by a 3 years limited warranty. Broadway billboard light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 3 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

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