



BEACON 12" Single/Dual-head 8" Single/Dual-head

CATALOG		COMMENTS
PROJECT		
PREPARED BY		
DATE		

APPLICATIONS

This solar powered flashing traffic sign light, BEACON, will give advance warning to drivers on the road or in shopping centers, with its bright flashing LED light. It is ideal for warning applications, and low visibility areas where dangerous conditions or obstructions exist. It can additionally be used to enhance the visibility of unlit roadway caution or stop signs, railroad crossings, and bridge abutments. BEACON features a removable solar panel capable of rotation to adjust to the sun's angle. It is powered entirely by the solar panel and battery, with no AC power required.

CERTIFICATION DATA



ORDERING INFORMATION

SERIES	LIGHT HEAD	COLOR	WORKING MODE	OPERATION MODE (For Dual-Head Only)
STL-BCN=BEACON	S8D=8" Single-head S12D=12" Single-head	YL=Yellow	24=24Hours & 7Days 12=12Hours & 7Days	S=Synchronous A=Asynchronous

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FEATURES & BENEFITS



Easy & Fast Installation

- Minimize traffic disruption



Lower Costs

- No trenching, cabling, nor A/C electrical hookup required



Adjustable flash pattern

- 12 hrs per day or 24 hrs per day flashing, to meet regulatory requirements



High Reliability & Durability

- ABS plastic shell
- Waterproof, IP65
- UV-resistant Polycarbonate doesn't degrade with sunlight exposure



High Intensity

- 60 led emitters for a single head, 95 led emitters for double heads
- Visible both day & night
- Can be seen from over 2500 ft, a great addition to high traffic areas



Multi-Purpose

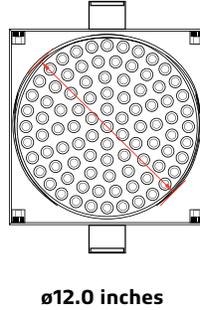
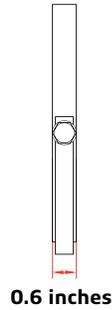
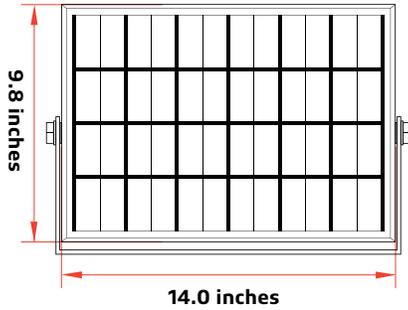
- Flashes 50 times/min
- Highlight new traffic patterns
- Provide extra visibility for sharp curve signs, animal crossing signs, and more
- Advance warning with bright blinking lights for numerous applications

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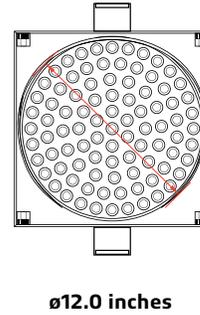
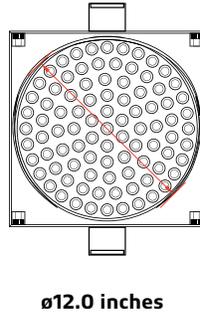
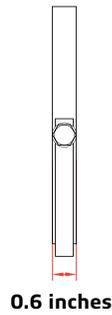
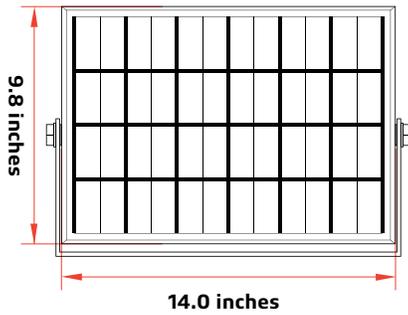
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PRODUCT SIZE

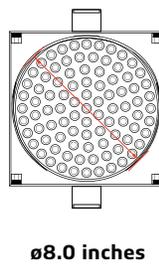
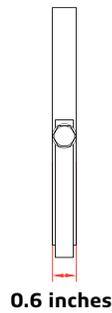
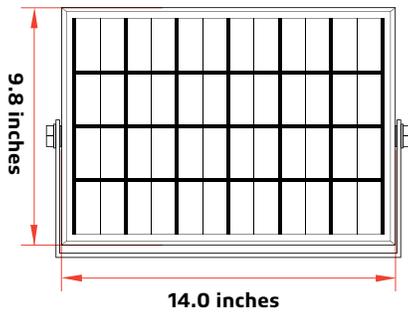
BEACON 12" Single-head



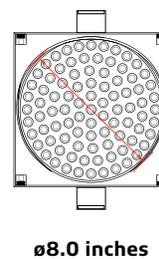
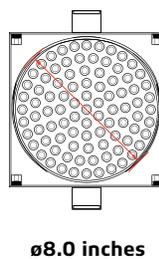
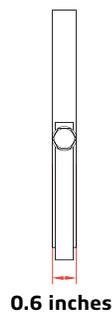
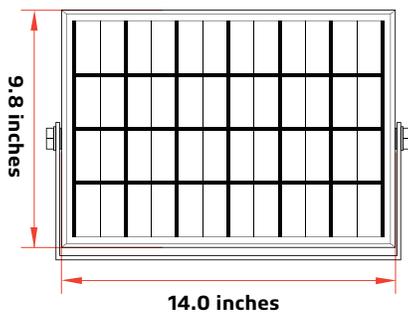
BEACON 12" Dual-heads



BEACON 8" Single-head



BEACON 8" Dual-heads



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SPECIFICATIONS

Specifications	BEACON 12" Single-head	BEACON 12" Dual-heads	BEACON 8" Single-heads	BEACON 8" Dual-heads
LED Nominal Power	6W	12W	3.6W	7.2W
Solar Panel	Mono-Crystalline 18V 10W	Mono-Crystalline 18V 12W	Mono-Crystalline 18V 10W	Mono-Crystalline 18V 10W
Lithium Ion Battery	12V 8.8Ah	12V 8.8Ah	12V 8.8Ah	12V 8.8Ah
Light Color	Yellow/Red	Yellow/Red	Yellow/Red	Yellow/Red
Illuminance	8,000 mcd (Red) 7,000 mcd (Yellow)	8,000 mcd (Red) 7,000 mcd (Yellow)	8,000 mcd (Red) 7,000 mcd (Yellow)	8,000 mcd (Red) 7,000 mcd (Yellow)
Product Size	Light Head ø12.0 Inches Solar Panel 14.0 X 9.8 X 0.6 Inches	Light Head ø12.0 Inches Solar Panel 14.0 X 9.8 X 0.6 Inches	Light Head ø8.0 Inches Solar Panel 14.0 X 9.8 X 0.6 Inches	Light Head ø8.0 Inches Solar Panel 14.0 X 9.8 X 0.6 Inches
Beam Angle	30°	30°	30°	30°
IP Rating	IP65	IP65	IP65	IP65
Material	UV-Resistant Polycarbonate	UV-Resistant Polycarbonate	UV-Resistant Polycarbonate	UV-Resistant Polycarbonate
* Charging Time	9hrs (1000W/m ²)	9hrs (1000W/m ²)	9hrs (1000W/m ²)	9hrs (1000W/m ²)
Run Time (@Full Charge)	5-7 Days	5-7 Days	5-7 Days	5-7 Days
Working Mode	24/7 12/7	24/7 12/7	24/7 12/7	24/7 12/7
Standard Hardware	Fits 3" to 4" Diameter Poles	Fits 3" to 4" Diameter Poles	Fits 3" to 4" Diameter Poles	Fits 3" to 4" Diameter Poles
Flashing	50 times per minute (customization available on request)	50 times per minute (customization available on request)	50 times per minute (customization available on request)	50 times per minute (customization available on request)
Visible Distance	>2,500 feet	>2,500 feet	>2,500 feet	>2,500 feet
* Operating Temperature	-20°C/-4°F to 140°F	-20°C/-4°F to 140°F	-20°C/-4°F to 140°F	-20°C/-4°F to 140°F
* Charging Temperature	0°C/23°F to 140°F	0°C/23°F to 140°F	0°C/23°F to 140°F	0°C/23°F to 140°F

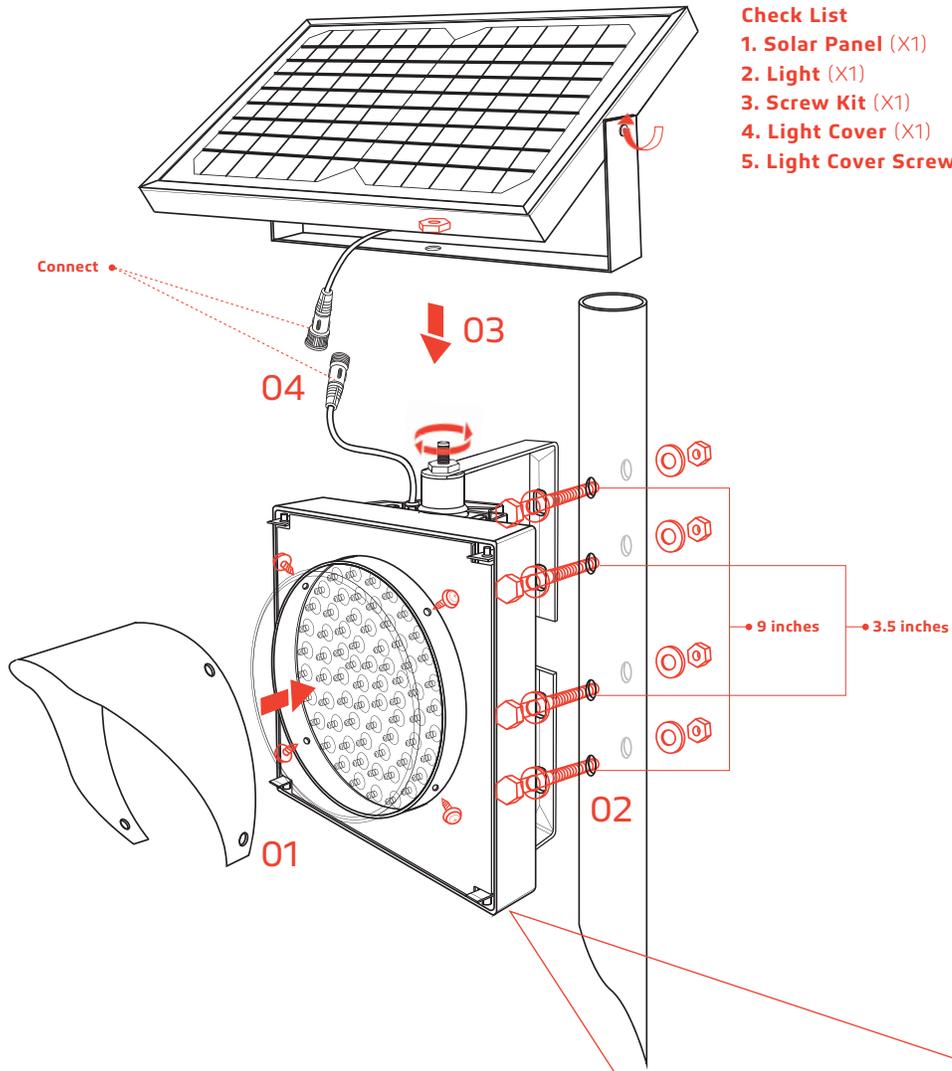
* The temperature can impact the battery's charge and daily operation.

* The solar charge data is based on 77 degree F ambient temperature with the panel facing direct solar radiation. The standard radiation value is 1000W/m².

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INSTALLATION—8" & 12" Single-head

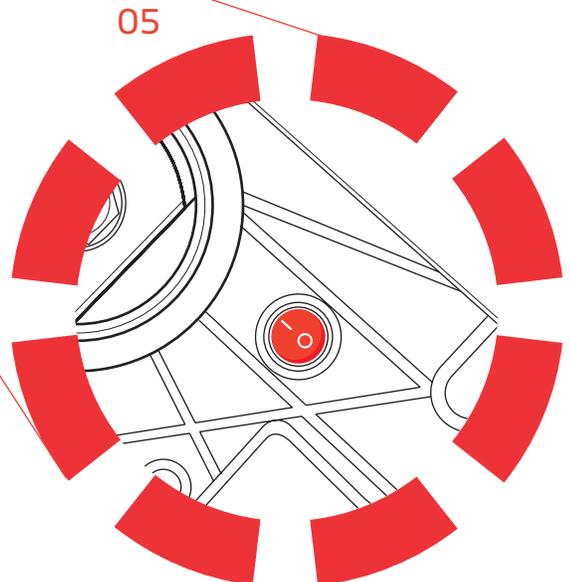


Check List

- 1. Solar Panel (X1)
- 2. Light (X1)
- 3. Screw Kit (X1)
- 4. Light Cover (X1)
- 5. Light Cover Screw Kit (X1)

1. Roll up the light cover. Use the light cover screw kit to secure the cover on the light.
2. Install the light by screwing the light bracket to the pole with the screw kit.
3. Install the solar panel bracket to the light bracket, tighten to secure.
4. Connect the solar panel cable to the light cable.
5. Press the On/Off button at the bottom of the light to turn the light on.

Press the On/Off button at the bottom of the light to turn the light on.



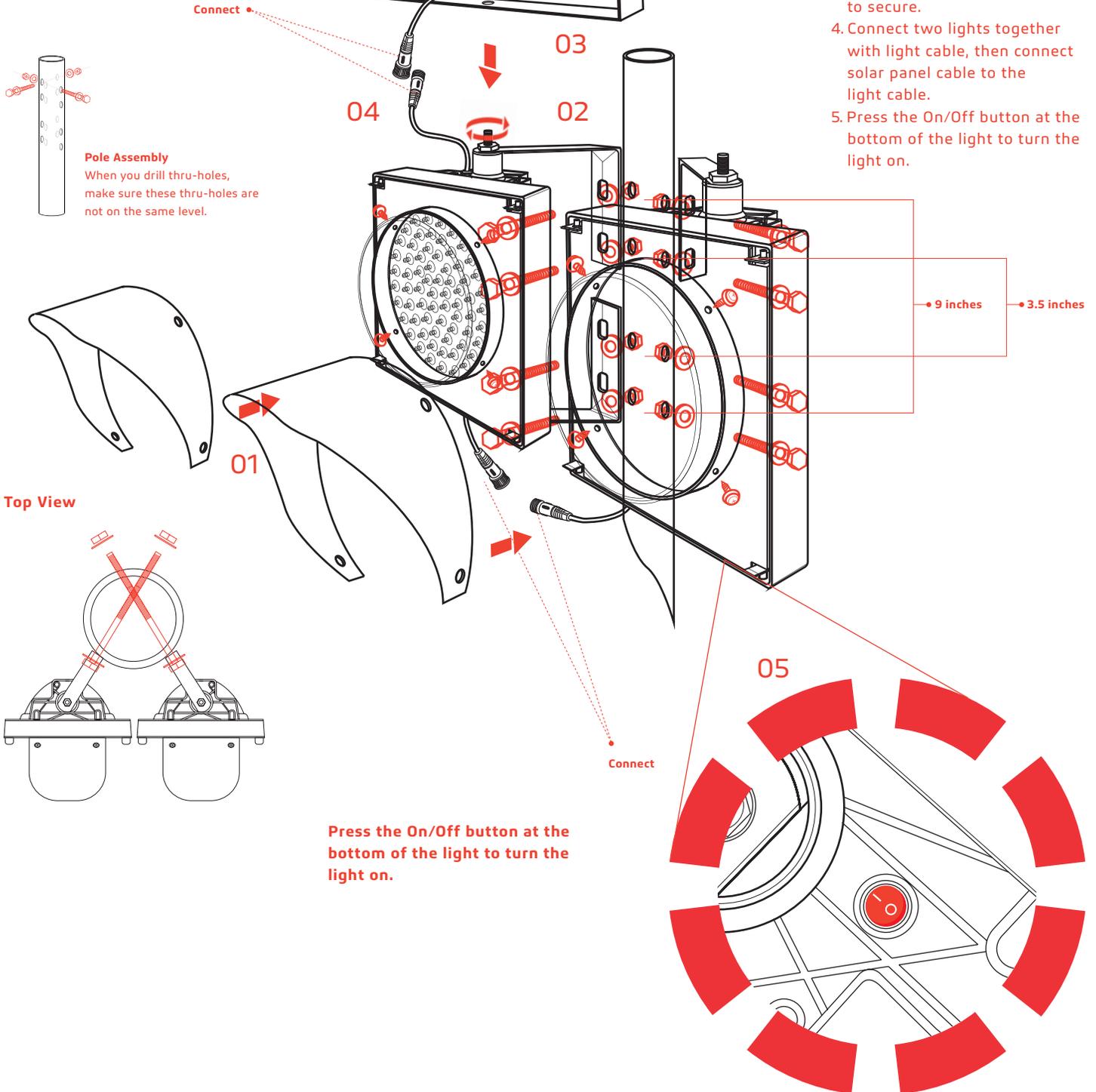
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INSTALLATION—8" & 12" Dual-heads

Check List

1. Solar Panel (X1)
2. Light (X2)
3. Screw Kit (X2)
4. Light Cover (X2)
5. Light Cover Screw Kit (X2)





BEACON 12" Single/Dual-head **8"** Single/Dual-head

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WARRANTY

BEACON products are covered by a 3 year limited warranty. SOLTECH urban 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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www.soltechlighting.com

SOLTECH LLC reserves the right to update all product data sheets at any time. Consult SOLTECH marketing specialists for publication updates at hello@soltechlighting.com

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