



Solar Powered Regulatory Buoy Model: LL-BUOY-P

The world's first Solar Powered Silhouette Illuminating Buoys are the safest available. Not only can you see the buoy at night, but you can actually read the message! The fun doesn't stop there! This unit is equipped with Lake Lite's new patent pending magnet technology! Swipe the magnet over the solar panel at night to change between 7 brightness levels for user adjustable brightness and run times. Hold the magnet for 5 seconds and you can change between White, Blue, or Amber illuminating LEDs! That's right a simple swipe and you can adjust the brightness/run time and buoy's illuminating color!

The powerful solar panel collects the suns energy during the day. At night the integrated circuit automatically turns on the super bright LED which illuminates the entire body of the buoy. The labels create shadows of the message, logos and bands, that allow boaters to visibly read the buoy's message at night.



LAKE

SOLAR TECHNOLOG



Lake Lite Inc. 100 Industrial Dr. Avilla, IN 46710 Phone: 260-918-2758 E-mail: sales@lakelite.com Web: www.lakelite.com



MODEL: LL-BUOY-P



Caution! When plugging battery connectors STOP together, align notches before connecting both connectors. Failure to do so could result in permanent damage to the light.

Battery Information

LiFePo4 Type Battery:

Volts: 3.2v Cell Size: 18500 Capacity: 3100mA

DO NOT USE: standard 1.2v NiMh or NiCd type Rechargeable batteries or they will be damaged!



BATTERY MAINTENANCE

For prolonged storage when not using the product please follow these procedures.

- 1. Charge batteries inside product on sunny day.
- 2. Before nightfall open your light and fully disconnect the battery from the product.
- 3. Store battery and product in warm/dry location.
- 4. Note: Batteries can be damaged from sub-zero temperatures when not in use.



CAUTION: PLEASE KEEP OUR ENVIORNMENT CLEAN! BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Mounting Hardware Suggestions – Not Included

Chain



Full Cinder Block

Half Cinder Block











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Screws TT		
Silicone Pad		MALE NOTCH
Battery Cover		
Cover Screws	3.2v LiFePo4 3100mA Battery	3.2v LiFePo4 3100mA Pattery
Alan Wrench		Battery
		Forcing or connecting backwards will damage the light.
Power Setting	* Run Times	CHANGING BRIGHTNESS LEVELS NEW MAGNE
Power Setting	* Run Times	Wave the magnet over the solar SWITCH OPERAT
100%	6-8 hrs	Wave the magnet over the solar panel at night until you find the activation area which changes
100% 80%	6-8 hrs 7-9 hrs	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level
100% 80% 65%	6-8 hrs 7-9 hrs 10-12 hrs	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level Make a quick up & down motion over this area to change between brightness level & OFF
100% 80% 65% 50%	6-8 hrs 7-9 hrs 10-12 hrs 13-14 hrs	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level Make a quick up & down motion
100% 80% 65% 50% 35%	 6-8 hrs 7-9 hrs 10-12 hrs 13-14 hrs 15-17hrs 	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level Make a quick up & down motion over this area to change between brightness levels & OFF <u>NOTE:</u> moving too slowly may activate the magnet switch
100% 80% 65% 50% 35% 20%	 6-8 hrs 7-9 hrs 10-12 hrs 13-14 hrs 15-17hrs 17-22 hrs 	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level Make a quick up & down motion over this area to change between brightness levels & OFF <u>NOTE:</u> moving too slowly may activate the magnet switch multiple times going through multiple levels at once. A quick
100% 80% 65% 50% 35% 20% OFF	 6-8 hrs 7-9 hrs 10-12 hrs 13-14 hrs 15-17hrs 17-22 hrs OFF 	Wave the magnet over the solar panel at night until you find the activation area which changes the brightness level Make a quick up & down motion over this area to change between brightness levels & OFF <u>NOTE:</u> moving too slowly may activate the magnet switch multiple times going through multiple levels at once. A quick motion will help!
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NOTE: The Ballast Pole is designed to flex and absorb light forces differences between the buoy and the directional change of the ballast weight. This "helps" prevent damage from LIGHT impact and or wave forces present on the buoy. The BUOY IS NOT warrantied against impacts!



SOLAR REGULATORY BUOY (LAKE LIT



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Purchaser's Name Address State _____ Zip _____ Purchase Date: _____ Number of Lights: _____ Where Purchased (Store Name): _____ LL-BUOY-P Model No. UPC No. Varies On Different Models

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comparable or superior model if the product is returned to the retailer. To obtain warranty service,

you must present a copy of the receipt as proof of purchase. All costs of removing and reinstalling the product are your responsibility. Damage to any part such as by accident or misuse or improper

installation or by affixing any accessories, is not covered by this warranty. There is no other

express warranty. The retailer hereby disclaims any and all warranties, including but not limited to, those of merchantability and fitness for a particular purpose to the extent permitted by law. The

duration of any implied warranty, which cannot be disclaimed, is limited to the time period as specified in the express warranty. Some states do no allow limitation on how long an implied

warranty lasts, so the above limitation may not apply to you. The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion

of incidental or consequential damage, so the above exclusion or limitation may apply to you.

This warranty gives specific legal rights, and you may also have other rights, which vary from

state to state. This warranty supersedes all prior warranties.