

# HIGH POWER LED SPREADER LAMP MODEL No HP12/SS/AC

PATENTED

Rev 10-2014/ Model HP12-SS shown



This intense LED spreader incorporates a unique feature of high and low operation (DC lamps) which changes the light pattern at the flick of a switch. Your neighbors at the marina will be grateful!

## COMPARE THESE FEATURES AND BENEFITS

- 36 high power LED's deliver cool, efficient daylight-white illumination. This is the most powerful spreader lamp on the market.
- Purpose built for the marine industry to IP-67 standards. Constructed of marine grade aluminum. Closely matches white gel-coat finishes.
- Unique, patented high and low operation. "Low beam" setting keeps stray light from irritating marina neighbors with bright flood lamps. As an added benefit also uses half power for greater battery life. (DC lamps only)
- Highly efficient optics deliver light where needed, for much more usable light at the workspace. Less energy is wasted as heat. Combinations of spot and flood beams are available. Oval ("low") beam and flood beam optics are standard. Flood beams are 65 degrees.
- Constant-current drivers with 96% circuit efficiency, drawing only a fraction of the power of halogen (incandescent) lighting systems and much more efficient than most other power LED luminaires. Such efficient operation means they draw much less electrical current and produce less heat than halogen floods, preserving battery power and improving safety.
- Exterior surfaces are primed with [Liquiguard PC](#) for aluminum, then TCIG powder coated for a durable finish.
- Available with polished 316 stainless steel bezel.
- Custom bezel sizes are available for retrofit applications

## HP12 specifications

**5 amps@ 12V DC, 1 amp@ 120V AC**

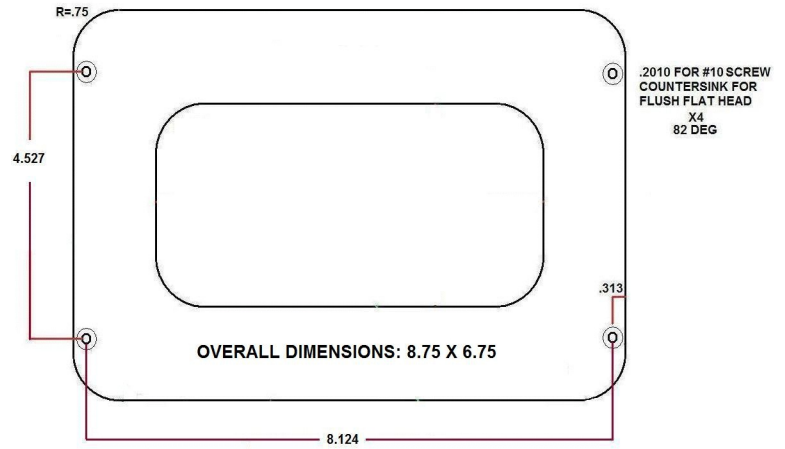
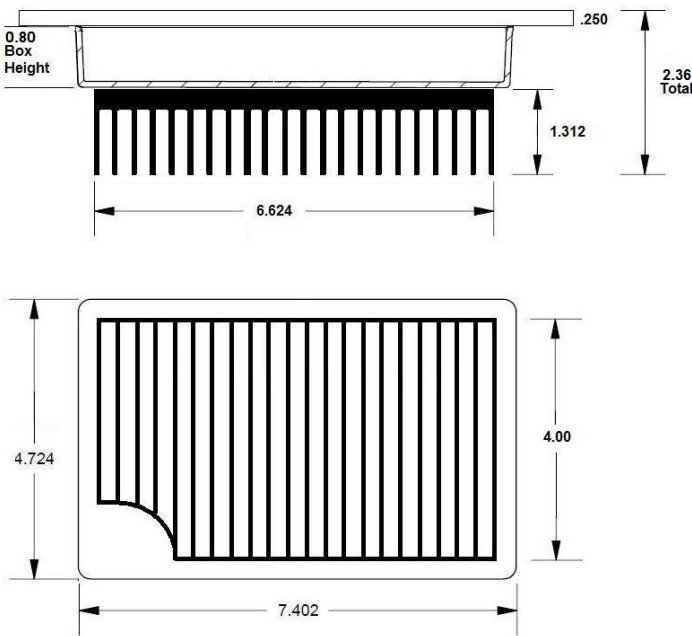
**2.5 amps at 24V DC**

**12-36V DC, 90-305V AC (see notes about AC lamps)**

**10,000 usable lumens**

5 year warranty. Please see [www.sonicillusions.com](http://www.sonicillusions.com) for other models

# HP12



Bezel appearance/dimensions may differ slightly from this image, depending on model

Cut-out dimensions: 4 3/4 x 7 1/2"

Mounting depth: 2 1/8"

**NOTE:** Additional ventilation (as used with halogen lamps) is required with this lamp. Heat sink must not be modified. Lamp should be installed in an area of sufficient air space to permit cooling from the heat sink.

## Special ordering notes:

The HP12 is designed to replace high wattage, 120 volt AC fixture applications with a high intensity safer beam of cool white light of approximately 6500K. The optics are precision-engineered to provide a wide elliptical flood beam with a nice vertical spread and outshines any halogen fixture, without the wasteful stray light.

All custom-made bezel lamps are custom pre-paid projects.

6500K daylight white (cool white) is standard. Other color temperatures available are 5,000K, 4,000K (neutral) and 3,000 (warm white), one row red or royal blue. **Please use suffix 5K, 4K or 3K for your choice.** Call for other color pricing. There is a up-charge for non-standard white color temps and colors. All non-standard colors are custom pre-paid projects.

## AC powered versions

AC lamps are shipped as a kit with a power supply, which may fit in most spreader pods, or at the power panel. **ONLY** connect the lamp to the LED driver power supply.

