



BlissLights

# SPRIGHT<sup>smart</sup>

## User's Guide

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Manufactured by: BlissLights  
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MADE IN CHINA

 LASER RADIATION  
AVOID DIRECT EYE EXPOSURE  
CLASS 2 LASER PRODUCT  
Diode Laser  
Max. Output <math>\leq 1\text{ mW}</math>  
Wavelengths 400 - 700 nm  
Manufactured by: [www.blisslights.com](http://www.blisslights.com)  
BlissLights, Escondido, CA 92029

Please ONLY use  
manufacturer  
provided transformer

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## NOTICE

**CAUTION**—Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser product is certified as CLASS 2 laser product to the requirements of the US Federal Laser Product Performance Standard (FLPPS) contained in the regulations in 21 CFR Subchapter J. CLASS 2 laser products can be hazardous when directly viewed.

Avoid direct viewing of a CLASS 2 laser energy. For reference the FLPPS requirements for demonstration laser products like laser pointers are limited to CLASS 2 levels of laser energy. This product uses diffractive optics to scatter the beam energy. This scattering effect causes the energy concentration to drop below the exposure limits for momentary or accidental viewing at a relatively short distance from the laser aperture. As similar with all bright light sources, when you operate this device in unsupervised general public areas, it is recommended that up close access to the BlissLights be restricted or prevented.

This laser display device incorporates a CLASS 2 laser system which, by itself, may be hazardous. However, this laser display device incorporates a protective housing and diffractive holographic optics in the machine design such that there is no exposure or human access to laser radiation during operation or maintenance above the CLASS 2 limits. Each individual laser beam power is under 1mw which is less than a standard laser pointer.

**UNDER NO CIRCUMSTANCE** shall attempts be made to open the protective housing or operate the device if the aperture windows are damaged.

All service to this laser display device requiring the protective housing to be opened and/or removed shall be performed by BlissLights service personnel or their authorized agents. Opening the BlissLights protective housing voids the warranty.

**NO LASERS SHOULD BE POINTED INTO THE SKY WITHIN 10 NAUTICAL MILES OF AN AIRPORT. IF YOU ARE LOCATED WITHIN THIS SPECIFIC PERIMETER, WE RECOMMEND THE LASERS BE POINTED DOWN AT THE GROUND SO NO STRAY BEAMS ARE PROJECTED INTO THE AIR. CHECK WITH YOUR LOCAL AIRPORT OR COUNTY GUIDELINES FOR FURTHER INFORMATION.**

## INTRODUCTION

Thank you for purchasing the BlissLights Spright Smart. The BlissLights Spright Smart holds all the great qualities of the original BlissLights Spright and projects a static “firefly” effect, but has been redesigned with a new housing. The new commercial grade design is made out of binary resin making it lighter and extra weather resistant in environments near water. We hope you enjoy this unique lighting experience.

Each unit provides over 900 square feet of coverage which replaces 6 standard landscape lighting fixtures or hundreds of feet of rope lighting. With an average electrical usage of just 3 Watts in temperatures above 55°F (13°C), and 10 Watts in temperatures below 55°F (13°C), it is perfect for year-round use.

## BEFORE YOU BEGIN

Immediately upon receiving the fixture: carefully unpack the carton packaging; check the contents to ensure that all parts are present and are in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that the fixture must be returned to the factory, it is important that the fixture be returned in the original factory box. Please see parts list below for box contents.

## PARTS LIST:

- 1) 1 x BlissLights Spright Smart
- 2) 1 x Transformer
- 3) 1 x Stake
- 4) 1 x Timer



## SETTING UP THE BLISSLIGHTS SPRIGHT SMART

Before operating your Spright Smart, please read the “Before you Begin” section and “Notice” section of this user guide.

**STEP 1:** First locate the 2-prong plug connected to the cable exiting the BlissLights Spright Smart head. If using the timer, plug this end into the matching hole on the end of the timer and screw the cap on to complete the water tight seal. Then plug the two prong connector on the timer into the matching holes on the end of the 12V Manufacturer provided transformer. Screw the cap to complete the water tight seal. Next plug the standard 3-prong plug on the other end of the transformer into an outdoor/Indoor outlet.



**STEP 2:** Stake the BlissLights Spright Smart into the desired location. To attach or detach the stake, twist the stake into place on the bottom of the Spright Smart. **Do not use fixture head to stake light into the ground, grasp by stake only.** Use the thumb screw on the side of the fixture to adjust the angle.



## INSTALLATION TIPS

- For scheduled or nighttime-only operation, use with a timer. **Do not connect the light to a dimmer pack, it will damage the light. Use with manufacturer provided transformer only.**
- The darker the area the light is being used in, the brighter the projection. Try to stay away from areas with street lights or other bright lights.
- If you are going to hang the BlissLights Spright Smart, it is recommended that, for safety purposes, your lights are properly mounted using a suitable hanging clamp and safety cable.
- The BlissLights Spright Smart will cover an area of about 30' X 30' for every 10 feet away from surface (equivalent to the size of about 2 two-car garages).

## USING THE TIMER

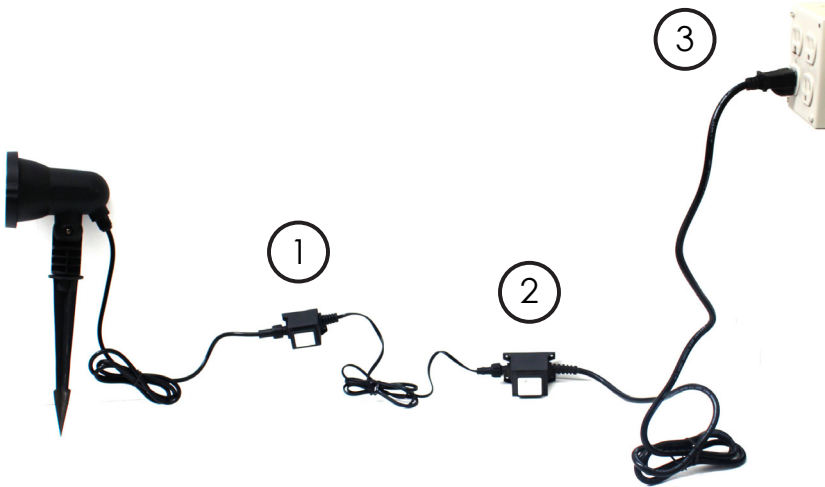
This star-field projector includes an optional 6/18 'in-line' timer accessory you may use for automatic on/off operation of the fixture on a daily basis. The timer accessory is NOT required to operate the projector, but merely included as a convenience - you may choose to turn the projector on/off manually by unplugging/plugging it in, or incorporate the projector to an existing group of lights already controlled by a single timer.

To incorporate the timer accessory into your BlissLight setup:

(1) Plug the 2-prong connector at the end of the lamphead cord into the 2-prong receptor connector on the bottom of the timer box.

(2) Plug the 2-prong connector at the end of the timer cord into the 2-prong receptor connector on the bottom of the AC adaptor box.

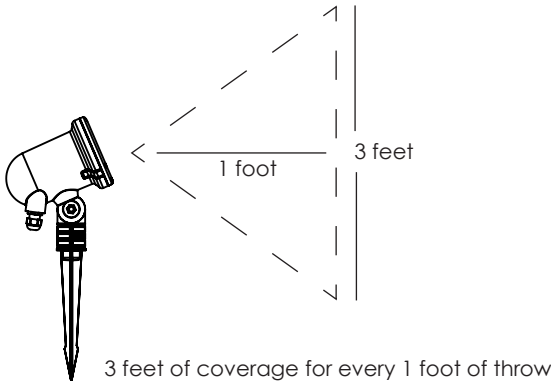
(3) Plugging the AC adaptor cord into any outdoor/indoor standard 120V AC outlet will immediately activate the timer to turn the light on for 6 hours and off for 18 hours so that it automatically goes on and off at the same time every evening until you change your mind or disengage the timer from the setup.



**IMPORTANT NOTE: IF YOU WANT TO TEST THE PROJECTOR'S PROPER FUNCTION, REMOVE THE TIMER ASSEMBLY FIRST AND PLUG THE PROJECTOR DIRECTLY INTO ANY STANDARD AC OUTLET TO TEST.**

## OPERATING THE BLISSLIGHTS SPRIGHT SMART

The BlissLights Spright Smart operates in temperatures of -15°F to 90°F (-26°C to 32°C). There may be a slight delay if operating in temperatures below 55°F (13°C). Please allow up to 10 minutes for light to warm up and reach its full projection.



## PRODUCT SPECIFICATIONS

### BlissLights Spright Smart

Laser Classification	Class 2
Maximum Laser Power (Single Beam)	Less than 1 mW
Laser Wavelength	532 nm – Green/ 455 nm –Blue / 660nm—Red
Power Consumption	Up to 10 watts
Power Input	110/120V (when used with manufacturer provided transformer)
Operation	Indoor / Outdoor
Operating Temperature	-15°F to 90°F (-26°C to 32°C)
Projection Coverage	30ft. X 30 ft.
Maintenance	Maintenance Free
Warranty	Limited 1 Year



## LIMITED WARRANTY

The manufacturer warrants this product to be free from defects in materials and workmanship for a period of one (1) year from date of purchase. This warranty applies only to the original consumer purchaser and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, abuse, accident, modifications, alterations, neglect or mishandling. This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, or faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear. The manufacturer does not warrant and specially disclaims any warranty, whether expressed or implied, of fitness for a particular purpose, other than the warranty contained herein. The manufacturer specifically disclaims any liability and shall not be liable for any consequential or incidental loss of damage, including any labor/expense costs involved in the replacement or repair of said product. Please contact BlissLights at support@blisslights.com, or (626) 709- 3319.

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### Owner Registration Card

Please fill out, cut along dashed line, affix proper postage and return this Owner Registration Card within 10 days to insure that your new BlissLights Spright Smart is covered by the limited warranty. You can also register your product online by going to [www.blisslights.com](http://www.blisslights.com).

**Mailing Address: BlissLights, 1155 Industrial Avenue, Escondido, CA 92029**

Purchaser's Name: \_\_\_\_\_

Address: \_\_\_\_\_

State / Province: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

BlissLights Product: \_\_\_\_\_ Purchase Date: \_\_\_\_\_

Where Purchased (Store Name) \_\_\_\_\_

Where will the BlissLights be used: \_\_\_\_\_

If commercial institution, what type of business?

Restaurant  Bar  Store  Office  Other: \_\_\_\_\_

If home installation, where?

Walkway  Patio  Garden Area  Porch  Other: \_\_\_\_\_

Model/UPC Number: \_\_\_\_\_



