

## Your Guide to the SunBox SunRay®

You have just made the important decision to buy your own SunBox SunRay light box. With this purchase, you join thousands of other individuals and hundreds of facilities worldwide who have chosen to use SunBox products. Thank you for choosing The SunBox Company as your bright light source. We truly value your business.

SunBoxes are the most advanced and the highest quality bright light boxes on the market today and are backed by a lifetime warranty—the longest in the industry. Founded in 1985, The SunBox Company is the original manufacturer of high intensity light boxes. We constantly strive for excellence and are proud of our products and service.

About the size of a briefcase and weighing only 14 lbs., the SunRay provides 10,000 lux at a distance of 18.5". In addition to its size and weight advantages over many other light boxes, your SunRay has a padded handle and includes a tilted desk stand which tucks neatly behind the unit. These features combine to make it an extremely portable unit. You can easily move your SunRay from room to room or from home to office.

Unlike other units on the market, your SunRay will remain cool to the touch. In addition, your SunRay contains full spectrum bulbs (with the UV filtered out). Many people find the "daylight replication" of full spectrum fluorescent tubes preferable to other types of artificial light, contributing less to headaches and eyestrain.

### IMPORTANT NOTES:

- Please save all packing materials for reuse in the event that you have to return your unit to us. The SunBox Company cannot be responsible for damage due to insufficient packing.
- Occasionally, fluorescent lamps may break or become loose in shipping. If, upon receipt, the fixture does not light, see Bulb Replacement instructions on page 3.
- In the event that your unit is damaged or broken upon delivery, and you purchased the unit directly from our company, immediately report the problem to us by calling (800)548-3968 (toll-free) or (301)869-5980 so that the problem can be resolved in a timely fashion. If you purchased the unit from one of our dealers, please report the problem to the dealer.
- To prevent electric shock, do not use this light in any extension cord or other outlet unless all three blades of the plug can be inserted fully. Never remove the third (grounding) blade of this or any other electrical equipment. If you need to convert our 3-prong plug for a 2-prong outlet, make sure you properly ground the adapter to the wall plate. Otherwise, the light fixture might flicker while either on or off.

## General Guidelines for Use

Most people use their SunBox light boxes as sources of bright light during the fall and winter months. Some people use them on overcast days at any time of year, or when their schedules or surroundings do not allow much exposure to natural sunlight. SunBoxes are also used by people working night shifts. Most people use light in the morning. If you use light too late in the day, it may disturb your sleep.

To use a SunBox, the light should be in front of you, angled so that the light shines onto your face, and your eyes should be open. It is not necessary to look directly into the light; most people read, eat, or watch TV while using their SunBox. Eyeglasses or contact lenses may be worn, but heavily tinted sunglasses will reduce the amount of light received.

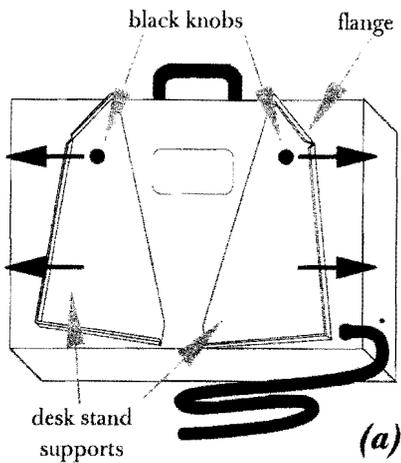
Average use at the 10,000 lux distance is roughly 20-30 minutes per day. At 5,000 lux, that would be the equivalent of 40 minutes to 1 hour. At 2,500 lux, the light might be used for two to three hours. Actual time for a particular individual will vary. It usually takes some experimentation to find a routine that is right for you.

To receive:	<b>10,000 lux</b>	your eyes must be <b>18.5"</b> from the unit.
	<b>5,000 lux</b>	<b>29"</b>
	<b>2,500 lux</b>	<b>42"</b>

Distances are measured horizontally from your eyes to the center of the lighted surface of the unit. The optional floor stand (see back page) may make positioning the unit easier than use of the desk stand.

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## SunRay Desk Stand Installation



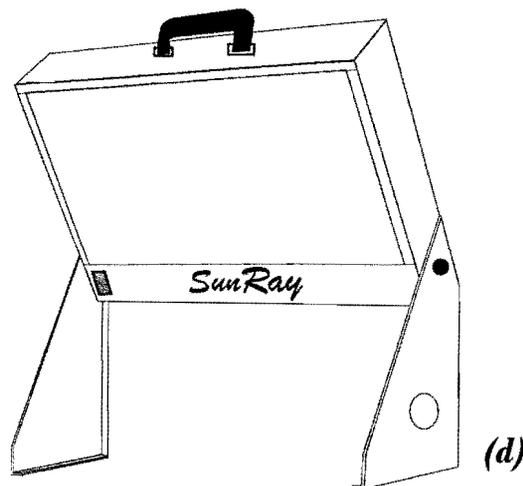
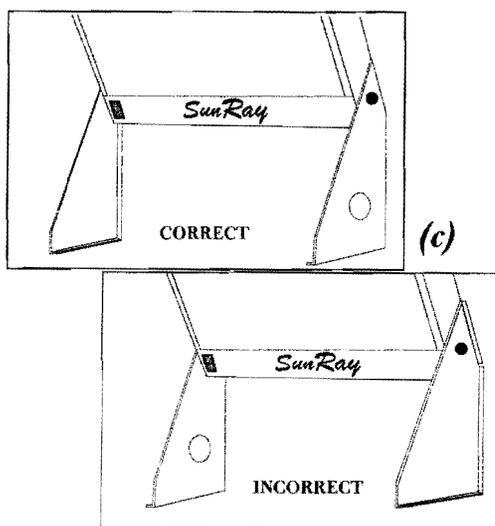
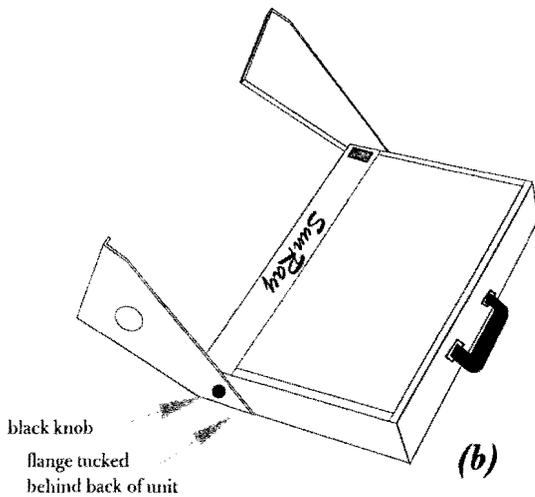
1. Place your SunRay unit on a flat surface. It may be advisable to assemble the stand on a carpeted floor or a mar-resistant surface to avoid scratching furniture.

2. When your SunRay was shipped to you, the desk stand supports were attached to the back of the unit. Each support is held in place by one black plastic knob and a bit of velcro. Unscrew the black knobs (twist counter-clockwise). Pull the desk stand supports from the back of the unit **(a)**.

3. Lay your SunRay on its back.

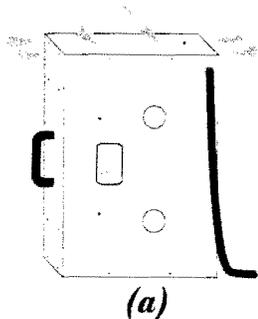
4. Attach the desk stand support pieces to the sides of the light unit using the black knobs you removed in step 2 **(b)**. There is a hole for the knob's screw near the bottom of each side panel. Be sure the flange on each side is tucked behind the back of the light unit **(c)**. Each desk stand support is designed for a particular side of the unit. If the flanges won't tuck behind the back of the unit, you have the desk stand supports attached to the wrong side of the unit. There is no need to use tools, but make sure the knobs are screwed in tightly.

5. Stand your SunRay upright on its desk stand **(d)**. Plug it in and it is ready to use.



## SunRay Bulb Replacement

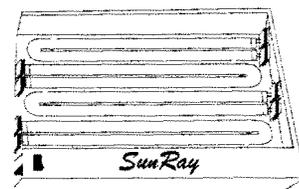
1. Make sure your SunRay is not plugged into a wall outlet. If your SunRay is set up on its desk stand, remove the stand supports from the light box. Stand the SunRay on its side, so that the on/off switch and the power cord are near the top.



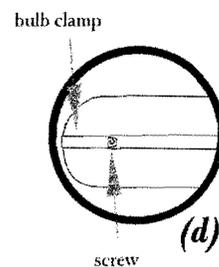
2. Using a #1 Phillips head screwdriver, remove the six screws **(a)** along the top edge that hold the side panel in place. If a #1 Phillips head screwdriver doesn't seem to fit, you're trying to remove the set of screws at the wrong end of the box. In this case, flip the unit over, then proceed.

3. Remove the end piece and slide the diffuser out **(b)**.

4. Lay your SunRay on its back **(c)**.



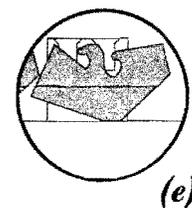
5. Remove the screw and washer from the bulb clamp of the bulb you are replacing **(d)**. It is best to replace one bulb at a time.



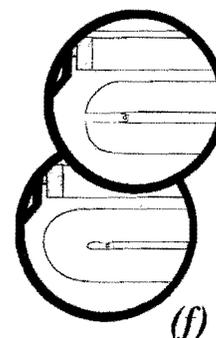
6. Press down on the red socket locks **(e)** at the other end of the bulb. The socket locks will rotate, freeing the pins at the end of the bulb.

7. Lift the old bulb straight up while pressing down on the socket locks. If the old bulb is broken, be very careful not to cut yourself. Also, be sure to remove any broken glass from the interior of the SunRay. Carefully discard both the old bulb and old bulb clamp.

8. Place the new bulb clamp around the bend of the replacement bulb.



9. Put the new bulb in place: The red socket locks should still be in the unlocked position. With the flat side of the bulb clamp down, align the four pins at the end of the bulb with the four slots at the tops of the sockets. Push the bulb down to lock the pins in place. The downward pressure will cause the socket locks to swing up into the locked position.



10. Screw the bulb clamp into place using the screw and washer you removed in step 4. Depending on the length of the bulb (bulb length may vary up to 1/4"), you may either place the clamp at the end of the bulb or on the side **(f)**. As long as the bulb clamp is screwed down securely, the bulb clamp's placement (side or end) does not affect the SunRay's functioning. If you placed the bulb clamp at the end of the bulb (instead of the side), make sure that the pins are still making a secure contact with the socket after you have tightened the bulb clamp down. If they are not, you must move the bulb clamp to the side of the bulb.

11. Slide the diffuser back into place, with the rough textured surface facing outside. Then reinsert the end piece and screw it into place using the six screws you removed in step 2. (You may wish to stand your SunRay on its end for this step).

12. Plug the light box in and turn it on to test your new bulb. If the new bulb does not light and you placed the bulb clamp on the end of the bulb, remove the bulb and replace it, putting the bulb clamp on the side of the bulb.

**Note: Your light box has a built-in safety mechanism, designed to reduce your risk of electrical shock. This safety mechanism requires that you perform step 11 before the bulbs will light.**

**ABOUT BULB REPLACEMENT** Because bulbs lose intensity with use and because continued use of old fluorescent tubes can damage the ballast, we recommend that you change your bulb frequently. Do not wait until your bulbs burn out to replace them! Most people should replace their bulbs every two to four (2-4) years. With your SunRay purchase, you are entitled to a 20% discount on future purchases of the FBO31/750 replacement bulbs.

## Our Commitment to You

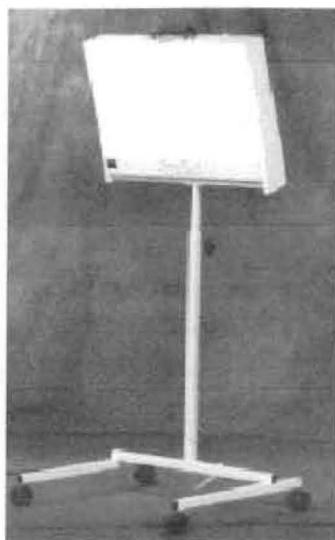
The SunBox Company will provide you with valuable customer service, which continues well beyond your actual SunRay purchase.

Your SunRay comes with a lifetime warranty, with a two (2) year warranty on the bulbs. Should a repair be necessary during this warranty period, be assured that your unit (or a replacement, if repair is not possible) will be on its way back to you within 48 hours of our receipt of the damaged unit.

When you need to replace the bulbs in your light box, simply call us or order online to conveniently have new bulbs shipped to you at a 20% discount. In addition to replacement bulbs for your SunBox, we also carry a wide variety of lighting products to serve many of your lighting needs. Please contact us for information about our other lighting products.

You can place an order online 24 hours a day from our website--[www.sunbox.com](http://www.sunbox.com). Whenever you need to reach us, simply call us toll free at (800)-548-3968 or (301)-869-5980 (local number in suburban MD). We will return your call within 24 hours. Thank you for choosing The SunBox Company!

## Optional SunRay Accessories



Adjustable height floor stand. Eliminates the need for desk space. Adjustable to accommodate your height in any chair. Includes casters.



Carrying case. Black. Made of durable nylon. Includes adjustable shoulder strap. Two zipper design allows access to SunRay handle. Padded to protect your light box.

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If, for any reason, you encounter problems with your light box, contact us at (800) 548-3968 or (301) 869-5980.

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**Limited Warranty/Guarantee:** The SunBox<sup>®</sup> Company, Inc. (us, we, our) warrants to the original purchaser (you, your) that the SunRay (light unit, unit) is to be free from defects in materials and workmanship under normal use and service for the life of the product. Our entire liability and your exclusive remedy as to the unit(s) shall be repair or replacement of the unit, at our option, when returned to us with a copy of the receipt. You shall be responsible for the cost of returning the unit to us with a copy of the receipt and we will return the unit to you at our cost. If failure of the unit has resulted from accident, abuse, or misapplication, we shall have no responsibility to replace or repair the unit. Fluorescent tubes are guaranteed for two years against failure.

The above are the only warranties of any kind, either express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, that are made by The SunBox Company on this product. No oral or written information or advice given by The SunBox Company, its dealers, distributors, agents, or employees shall create a warranty or in any way increase the scope of this warranty. This warranty gives you specific legal rights. You may have other rights, which vary from state to state.

Specifications: 110V AC 50/60 Hz 1.15 amps 124 watts

Dimensions: 23" W x 15.5" H x 3.25" D Weight: 14 lbs.

Replace bulbs with Sylvania # FBO31/750 (5000°K).

Also available in a World Voltage model (100-240V/50-60Hz).

**Made in USA**

UL/CUL Listed

UL Listing # E141022

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