

# THOMAS DUPLEX SUPER SAFELIGHT INSTRUCTIONS

The **THOMAS DUPLEX SUPER SAFELIGHT** is not a conventional safelight. It was designed to flood the darkroom with a soft "bounce light". This is best achieved by suspending the safelight from your darkroom's ceiling in the approximate center of the room with the bottom of the safelight about seven feet from the floor. All the direct light will then strike the walls above eye level and the work areas will receive only soft, indirect light.

## ASSEMBLY

**THOMAS DUPLEX SUPER SAFELIGHT** was originally shipped with these parts:

- 1 Main Housing with Moveable Vanes
- 1 Thomas Safelight Monochromatic Lamp
- 2 Smaller Filters for the Vanes (with Red or Black tape)
- 2 Larger Filters for the Housing (with Yellow tape)
- 2 Support Chains (18" long)
- 1 U-shaped support strap for lamp

The above parts should be removed from the inside of the housing where they were stored for shipment and carefully unwrapped. **NOTE - DO NOT REMOVE THE COLORED TAPE FROM THE FILTERS!**

The lamp fits into the bayonet socket (visible on one side of the housing) and locks into place with a single, clockwise, quarter turn. The free end of the lamp is then supported by the U-shaped support strap which hooks into the corresponding two holes on the top of the inside of the housing.

With the vanes open, place one of the larger filters (Yellow or Green tape) into each of the recessed openings on the top of the main housing. Then, slide one of the smaller filters (Red or Black tape) into each of the openings in the moveable vanes. Make sure to use the same color filter in each of the recesses (2 Yellow or 2 Green) and the same color filter in each of the vanes (2 Red or 2 Black). Either side of the filter can face the bulb.

## INSTALLATION

The assembled safelight should be suspended from the ceiling by two, sturdy eye-bolts or hooks (not included) installed about 13" apart. The safelight weighs 20 lbs and every precaution must be taken to install it in a completely safe and secure manner. The chains supplied are the proper length for a standard, 9.5' ceiling. For other heights, the chain length may need to be adjusted so that the bottom of the safelight will be at the recommended 7' height.

The lamp consumes only 35 watts and can be operated from any convenient, switched, standard outlet supplying 2 amps at 120 volts.

The safelight is turned on simply by plugging it in to an active outlet. When cold, the lamp requires 5 minutes to reach full, operating brilliance. Because of the unusual nature of the lamp, it is not recommended to turn it on and off frequently.

## IMPORTANT

Working conditions and materials can vary greatly from lab to lab, making it difficult to specify exact performance of the safelight for every environment. Since it is understood that ANY safelight will eventually produce fogging, it is strongly recommended that each new safelight installation be carefully tested with all materials that are to be used.

## BLACK & WHITE AND ORTHO MATERIALS

RECESSED BODY FILTERS: **YELLOW** EDGE-TAPE  
MOVEABLE VANE FILTERS: **RED** EDGE-TAPE

For **Black & White paper**, vanes should be OPEN. When opened to the maximum setting, the safelight should provide perfect illumination for rooms with an approximate dimension of 12' x 14'. Smaller darkrooms will require the vanes to be partially closed for safe use. **ALWAYS TEST YOUR MATERIAL/SAFELIGHT COMBINATIONS TO INSURE SAFELIGHT SAFETY!**

For **Ortho** films, papers and many graphic arts materials, the vanes should be FULLY CLOSED so the light passes through both sets of filters. **MAKE SURE THE VANES ARE CLOSED TIGHTLY TO INSURE LIGHT SAFETY.**

## COLOR PAPER

RECESSED BODY FILTERS: **YELLOW** EDGE-TAPE  
MOVEABLE VANE FILTERS: **BLACK** EDGE-TAPE

For **Color papers**, the vanes should be FULLY CLOSED so the light passes through both sets of filters. The light will be EXTREMELY LOW; give yourself time to get used to the dim light. **MAKE SURE THE VANES ARE CLOSED TIGHTLY AND ALWAYS TEST YOUR MATERIAL/SAFELIGHT COMBINATIONS TO INSURE SAFELIGHT SAFETY!**

## MAINTENANCE

The **THOMAS DUPLEX SUPER SAFELIGHT** requires little service and maintenance. If there is a problem with the socket, transformer or cord, a trained electrician should be able to service the safelight.

The Monochromatic Lamp should provide several years of service under normal usage; it is recommended to keep a spare lamp on hand to avoid any delay when replacement may be needed. As the lamp nears the end of its life, its light output will gradually diminish and the lamp may begin to flicker noticeably.

The filters should be examined periodically, as constant use can lead to fading or deterioration. With normal use, the filters should be replaced every 5 to 6 years to maintain optimal light quality and safety.

## REPLACEMENT PARTS

**AVAILABLE EXCLUSIVELY AT FREESTYLE PHOTOGRAPHIC SUPPLIES**

42133 THOMAS SAFELIGHT REPLACE TUBE (LDS)	\$119.99
42134 THOMAS COLOR SAFELIGHT FILTER (FCD)	\$49.99
42135 THOMAS B&W SAFELIGHT FILTER (FBD)	\$49.99
42136 THOMAS ORTHO SAFELIGHT FILTER (FOD)	\$49.99

FOR QUESTIONS OR TO ORDER REPLACEMENT PARTS, PLEASE CONTACT **FREESTYLE PHOTOGRAPHIC SUPPLIES:**

[WWW.FREESTYLEPHOTO.BIZ](http://WWW.FREESTYLEPHOTO.BIZ) or 800.292.6137