



Ideal-Lume®

The ideal viewing environment luminaire for video monitors.

Product Information Sheet

Model: #SW-13WT5-IL65X1, 120 volt, 60 Hz

Color: Black

Size: L 22 1/2" x W 7/8" x H 1 3/4"

Lamp: 6500K, 90 C.R.I., 10,000 hour (average), T5 fluorescent, 20 3/4" long, 13 Watt

Warranty: 1 year (limited) on fixture and lamp (please contact our office for help)

Other features:

- Includes spare lamp (\$12.95 Value)

- Assembled in the USA

- Side-mounted on/off rocker switch

- Simple, variable baffle, mechanical dimming tube (with color correction) installed

- Clear, acrylic, wrap-around diffuser lens (not needed or recommended in many cases)

- High frequency electronic ballast for instant start, quiet, low heat, energy-efficient operation

- 6 ft. power cord with polarized plug

- Joining adapter for connecting two fixtures end to end

- Mounting kit with screws, drywall anchors, nylon zip ties, and high-temperature, industrial, self-stick Velcro

- UL and C-UL listed

MSRP: \$59.95

Award winning viewing technology

Reduce eye strain!

Eliminate glare and reflections!

Enhance perceived black levels and contrast!

Improve color perception!

Increase image depth and three-dimensionality!

Preserve maximum resolution and correct geometry!

Reveal nuances in hue and shading!

Aids in prolonging the life of your TV!

Color correct for all color television standards!

In the mid 1980's the Society of Motion Picture and Television Engineers (SMPTE) conducted human factors research to identify optimum standards for the viewing conditions in professional monitor environments. Their work addressed issues applicable to all forms of electronic displays. These findings, as set forth in their 'Recommended Practices Document #166: Critical Viewing Conditions For Evaluation Of Color Television Pictures', can be applied to the consumer's own viewing environment at home to get the highest level of performance and enjoyment from any television. SMPTE's work focused on helping the viewer see the picture correctly but also on making the viewing experience comfortable over a long period of time- minimizing eye strain as an example.

All TVs require a darkened room to present their best picture. The color, point of origin, and intensity of light in a viewing environment, all affect the quality of image obtainable from any television, as well as the viewing fatigue experienced. A small fluorescent fixture, with a proper 'color temperature' lamp, placed behind a direct-view monitor, flat panel TV or rear-projection set, fulfills much of what is needed to achieve the SMPTE recommendations pertaining to ambient light in the room.

Viewing a TV in a darkened room can cause eye strain in as little as 30 minutes. This is primarily due to the iris opening and closing dramatically as scenes change from dark to light on the screen. For a vivid demonstration of how frequently light levels change throughout a typical program, turn your back to a TV in a darkened room and notice how much the light changes in the room, both in intensity and frequency. Providing a small amount of light behind the set 'biases' the iris, and moderates human vision's adaptive mechanisms, resulting in more relaxed viewing.

