Ideal-Lume® Panelight

The ideal viewing environment luminaire for wall-mounted flat panel displays

Product Information Sheet

Model: #SW-13WT5-IL65X2, 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., up to 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:

- Assembled in the USA
- Ultra-slender dimensions to fit behind most wall-mounted panels
- Two lights provided for more uniform wall illumination
- Side-Mounted on/off rocker switch
- Simple, variable baffle, mechanical dimming tube (with color correction) installed
- Clear, acrylic, wrap-around diffusor 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 (two included)
- Two one-meter linking cords for joining two fixtures
- 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: $89.95

Award winning viewing technology!
Reduce eye strain!
Eliminate glare and reflections!
Enhance perceived black levels and contrast!
Improve color perception!
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 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 lamp of proper 'color temperature,' placed behind a direct-view monitor, flat-panel display, 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. Dark adapted vision becomes much more sensitive to bright objects. 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