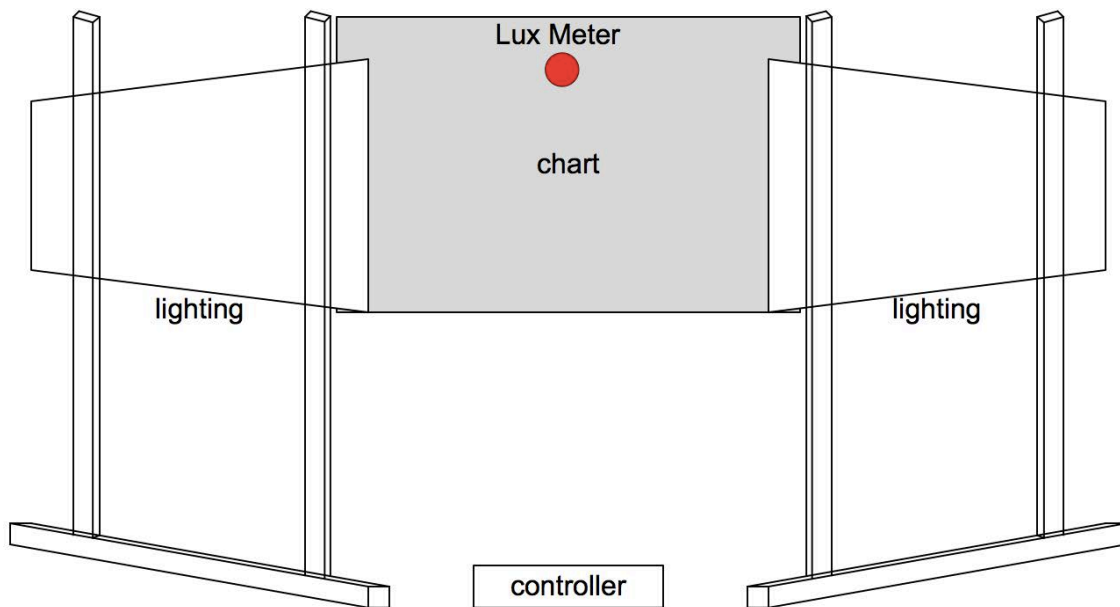


LED Evaluation System LS-300

High powered LED illumination source and measurement system



Description and Application

The LED Vertical Chart Illuminator provides an elegant illumination source for analyzing charts as well as a target with lux meters. It consists of two independent LED light towers standing about 1.5 meters tall (height adjustable). The light meter on the target measures the nominal color temperature in Kelvin or CIE-xy coordinates and the intensity of the light in lux. The lights are on smooth rollers for easy transportation between or around imaging labs. The towers are constructed from lightweight and robust extruded aluminum.

The lighting is controlled via SensorSpace's proprietary LED Controller which allows for PWM and intensity control with simple commands via Serial RS232 communication. The LED Towers provide a wide range of intensity from 2 to 2000 lux.



Features

- Dual stand illumination
- Controllable intensity and frequency
- Adjustable height
- Each light stand is on rollers for easy movement
- Serial port RS-232 control
- PWM frequency control
- Meters to measure light color and intensity

Specifications

- PWM frequency from **10KHz** to **63KHz**
- Lux meter measures light intensity from 0.1lux to 1.0 Mlux
- At distance of 2 meters from the chart:
 - maximum illumination 2000 lux
 - nominal 5500K
 - minimum illumination 2 lux
 - nominal 2500K

SensorSpace, LLC.

Los Gatos, CA
(754) 44-IMAGE
www.sensorspace.biz