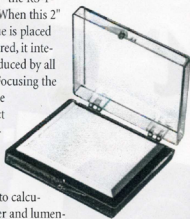


Options and Accessories

Reflectance Standard. The CineSpot can accurately measure the Integrated (cosine-corrected) illuminance falling on any surface such as a screen, desktop or workbench with the aid - the RS-1-600 Reflectance Standard. When this 2" x 21" barium sulfate plaque is placed on the surface to be measured, it integrates the illuminance produced by all the light sources above it. Focusing the CineSpot on the Reflectance Standard then gives a direct readout of Integrated luminance expressed in foot-candles. Measurements made with the Reflectance Standard can also be used to calculate directional candlepower and lumen-output of light sources and projectors, and screen gain of reflective screens.



External Analog Meter and Extension Cable.

Part of the SC-604 system, which includes an Analog Output Jack on the CineSpot, enables the meter to be read and displayed up to 50 feet away from the CineSpot. The SC-604 System is particularly useful for dedicated monitoring of screen brightness.



10X Attenuator and 100X

Attenuator. These calibrated screw-in Neutral Density Filters increase the upper measuring limit of the CineSpot. The 10X Attenuator provides a 10-times increase, while the 100X Attenuator provides a 100-times increase. (The accuracy of the CineSpot with these Attenuators is +15%.)

Specifications

MEASURING CAPABILITY: Luminance (specify choice of units: footLamberts or candelas/sq. meter); also measures illuminance with accessory Reflectance Standard.

SENSITIVITY: LOW Range, 0 to 30 footLamberts (0 to 100 cd/m² on metric version); readings legible to 0.5 footLamberts. High Range, 0 to 300 footLamberts (0 to 1,000 cd/m² on metric version); accessory 10X and 100X Attenuators increase upper limit to 3,000 or 30,000 footLamberts (10,000 or 100,000 c~/m²).

ANGULAR COVERAGE: 1-degree measuring field, 21-degree (diagonal) viewing field.

VIEWING OPTICS: 1.6X magnification, erect system with focusing eyepiece; illuminated scale for low-light readability.

FOCUSING DISTANCE: Fixed-focus, 4 feet (1.2 m) to infinity; usable from 1 foot (0.3 m) to infinity.

PHOTODETECTOR: Ultra-stable Silicon Photovoltaic Cell.

SPECTRAL RESPONSE: Matched to the human eye response (CIE 1931 photopic luminosity function) within + 5% (by area), using computer-selected glass filters.

ACCURACY: +1% of full-scale or +5% of reading, whichever is greater, when measuring blackbody sources; traceable to the NIST.

WEIGHT: 15 ounces (0.42 kg).

DIMENSIONS: Less than 5" x 2" x 6.4" (127mm x 52mm x 162mm)

POWER SOURCE: One standard 9-volt Battery PC1604 or equivalent).

CARRYING CASE: Supplied in attractive, sturdy foam-lined protective carrying case with space for accessories (case dimensions—8.8" x 11.2" x 4.5").

WARRANTY: One year Limited Warranty.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE