



- Illuminance in Lux or FC
- Color temperature and correlated color temperature
- Custom reference value of color difference

Enables precise measurement of illuminance, color temperature, correlated color temperature or color difference simultaneously shown on a backlit display. Excellent for art galleries and museums, film and TV studios, lighting manufacturers, stores and designers. Meets CIE photopic spectral response and color temperature. Lux and foot candle selectable with general or LED light modes and a hold function. Comes in a protective foam lined carrying case complete with a tripod screw, magnetic mount, 9V battery and instructions. N.I.S.T. traceable certificate of compliance available (for lux and foot candles only).

Weight: 16 oz (453g) Dimensions: 5 1/2" x 2" x 1" (140 x 49 x 29 mm)

No.	Description
850011	Chroma Light Meter
840090	Water Resistant Pouch
840093	Field Tripod



Light Source	Source Selectable	Resolution	Ev:1(0~9,999), 10(Over 10,000), lx; 0.1(0.0~999.9), 1(Over 1,000), fcd; CT:1(0~9,999), 10(Over 10,000), K; x,y:0.001; u ¹ , v ¹ :0.001
Measuring Function	Illuminance:Ev (lx or fcd) Color Coordinate:(x,y),(u ¹ , v ¹) (CIE 1960) Correlated Color Temp:CT, Δuv Color Difference:(ΔEv, Δx, Δy), (ΔEv, Δu ¹ , Δv ¹),(ΔEv, ΔCT, Δu ¹ v ¹) (One set of reference color)	Humidity Drift	Ev±(3% + 2 Digital)(3,000 lx, standard illuminant A measured) x, y:±0.005 (100 lx, RGB LED Light)
Measuring Range	Ev:0~80,000 lx (0~7,432 fcd) CT:99,990 K Max.	Response Time	Approximately 1 second
Accuracy (at 25°C/77°F, 60% RH)	±(3,000 Lx, standard illuminant A measured) ±5% + 4D x,y:±0.02 (100 lx, RGB LED Light) CT:±4%	Temperature Drift	Ev±(5% + 2 Digital)(3,000 lx, standard illuminant A measured) x, y:±0.008 (100 lx, RGB LED Light)