

LED Light Meter with Color Temperature Compensation



Accurately measure any color temperature LED lighting

Unlike standard LED Light meters which are calibrated only to a particular color temperature bulb, Sper Scientific's LED Light Meter compensates for the wide variety of color temperatures available in modern LED lighting. Choose modes for 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, or 6500K and the meter's internal calibration is adjusted for that color temperature resulting in equally accurate readings at every color temperature. There is also a mode for standard incandescent lighting. Results appear in Lux or Foot Candle on a large display that indicates when batteries are low. For an even more thorough analysis, the meter reads luminous intensity which corrects for distance from the light source. The cosine corrected silicon sensor meets C.I.E. photopic spectrum. Features auto ranging, zero adjustment, Max / Min / Ave, data hold, and can store up to 99 manual data points. Comes ready to use with clear instructions, tripod screw, 9V battery, sensor cover, and a hard protective carrying case. N.I.S.T. Traceable Calibration Report available.

Meter Dim: 5" x 2 1/4" x 1 1/2" (130 x 55 x 38 mm). Weight 9 oz (250 g).

No.	Description
850006	LED Light meter with Color Temperature Compensation
850006C	LED Light meter with Color Temperature Compensation with Calibration Report
840090	Water Resistant Instrument Pouch
840093	Field Tripod

	Range	Resolution	Accuracy
Lux	0 to 40	0.01	±3%RDG 0 to 2,000 Lux ±6%RDG 2,000 to 5,000 Lux
	40 to 400	0.1	
	400 to 4,000	1	
	4,000 to 40,000	10	
	40,000 to 400,000	100	
Foot Candle	0 to 40	0.01	Readings above 5,000 Lux for reference only.
	40 to 400	0.1	
	400 to 4,000	1	
	4,000 to 40,000	10	

