



## Models CA811 & CA813

**Features optical sensors that are designed to match the response of the human eye**

### SPECIFICATIONS

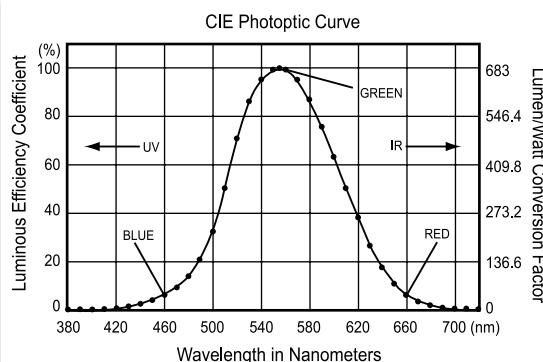
MODELS	CA811	CA813*
<b>Range</b>	20fc, 200fc, 2000fc, 20kfc 20lux, 200lux, 2000lux, 20k lux	20fc, 200fc, 2000fc, 20kfc, 200kfc 20lux, 200lux, 2000lux, 20k lux, 200k lux
<b>Display Resolution</b>	0.01fc or 0.01lux	
<b>Sensor</b>	Silicon photodiode	
<b>Spectral Response</b>	CIE Photopic Curve	
<b>Accuracy</b>	2856K Light Source Common Light Source	
	±5% of Reading ± 10cts ±18% of Reading ± 2cts	±5% of Reading ± 10cts ±11% of Reading ± 2cts
<b>Sample Rate</b>	2.5 times per second, nominal	2.5 times per second, nominal
<b>GENERAL</b>		
<b>Display</b>	3½ digit liquid crystal display (LCD), 2000-count	
<b>Operating Temperature</b>	32° to 122°F (0° to 50°C), <80% RH	
<b>Storage Temperature</b>	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery	
<b>Polarity</b>	Automatic	
<b>Power Source</b>	One 9V Alkaline battery (included)	
<b>Low Battery Indication</b>	- + - is displayed when battery voltage is low	
<b>Dimensions</b>	6.81 x 2.38 x 1.5" (173 x 60.5 x 38mm)	
<b>Weight</b>	Approx. 7.55 oz (214g) including battery	Approx. 7.9 oz (224g) including battery

### FEATURES

- Easy one-hand operation
- Designed to measure a wide range of lighting types
- Removable sensor for remote reading
- Measures in footcandles (fc) or lux
- Measures incandescent lighting
- Cosine corrected
- Hold function
- Max function (Model CA811)
- Peak function (Model CA813)
- CIE photopic (human eye) response
- 2000-count backlit LCD
- Lightweight and compact
- Removable protective sensor cover
- Includes rugged, shockproof, protective and dirt resistant gray holster

### APPLICATIONS

- Testing for OSHA compliance in workplace, cleanroom and industrial settings
- Ambient testing for light-sensitive displays and archives in museums and art galleries



\*Note: Model CA813 offers higher sensitivity (200klux) and has a better spectral response to common light sources. Model CA811 is used to measure incandescent lighting.

### CATALOG NO. DESCRIPTION

2121.20	Lightmeter Model CA811
2121.21	Lightmeter Model CA813

