Special product features

Models CA811 & CA813

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

▶SPECIFICATIONS

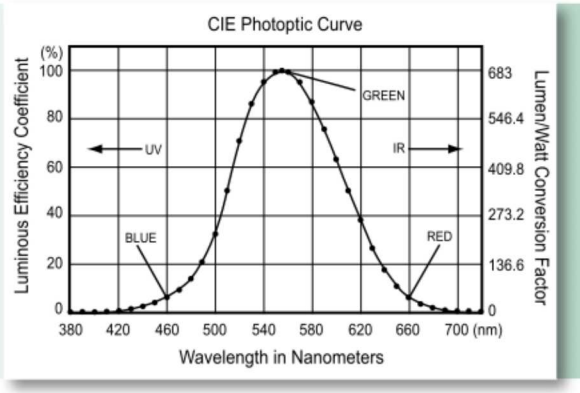
MODELS	CA811	CA813*
Range	20fc, 200fc, 2000fc, 20kfc	20fc, 200fc, 2000fc, 20kfc, 200kfc
	20lux, 200lux, 2000lux, 20k lux	20lux, 200lux, 2000lux, 20k lux, 200k lux
Display Resolution	0.01fc or 0.01lux	
Sensor	Silicon photodiode	
Spectral Response	CIE Photoptic Curve	
Accuracy 2856K Light Source Common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