

1-800-GRAINGER (472-4643)



## Light Meters

**4FKR3**—Portable, digital light meter measures visible light. Easy-to-use, one-handed operation. Silicon photodiode sensor and filter. Features data Hold and Max. memory.

**13G531 and 15E590**—Light meter data loggers record data (up to 20M records) in Excel format for easy transfer to a PC for analysis. Selectable sample rate: 1 to 3600 sec.

**3MY54 and 2HZC2**—EasyView light meters include large LCD with analog bar graph. Wide range ideal for use in bright daylight. Peak function captures short-duration flashes. Color- and cosine-corrected sensor. Features include Min./Max., data Hold, and zero for relative measurements.

**1AEV6 and 22DC07**—Light meters with remote light sensor on 12" coiled cable. Feature backlit LCD with analog bar graph. Min./Max. feature stores highest and lowest readings; data Hold freezes reading in display.

**1M946 and 5ZT02**—Heavy-duty light meter has four lighting type settings for enhanced accuracy. Precision photodiode and color correction filter. Features data Hold, Min./Max./Average, and percent reading of the differential from a reference point.

**1H153**—Light meter measures light levels using a precision diode and color correction filter (cosine/color corrected). Features fast/slow response time and an analog output for capturing readings to a recorder.

**6NZG0**—Digital meter is designed specifically for measuring light output from LED sources. Features include data Hold and Max. recording. With large, 3½-digit display and protective sensor cap.

**2ENE5 and 2ENE7**—Feature data Hold, Min./Max., backlit LCD with bar graph, and a built-in data logger that automatically stores up to 16,000 readings or manually stores/recalls up to 99 readings. Software helps transfer readings to a PC for analysis.

**30ZP39 and 30ZP40**—UV-A/UV-C light meter data loggers designed to record and transfer data to PC for analysis. Sample rate: 1 to 3600 sec.; manually stores 99 readings. Suitable for blue light radiation hazards in welding, UV sterilization, phototherapy, graphic arts, photochemical matching, photo resist exposure, curing of inks, adhesives, and coatings.

**5URG1**—Environmental light meter with data logging makes it easy to transfer and store data on PCs for future analysis. Additional features include Auto-Ranging, data Hold, and Min./Max.

**5URGO**—Mini environmental light meter is a palm-sized, low-power consumption meter. Backlit LCD features Auto-Ranging and Max. Hold functions with low-battery alert.

**21YE34 and 21YE35**—LED light meters both feature a 4000-count display. 21YE34 can be used for white LEDs and standard lighting. 21YE35 measures white and color LEDs (red, yellow, green, blue, purple), as well as standard lighting, and stores/recalls up to 99 records.

**4FKR4**—Auto-ranging light meter measures visible light from a variety of light sources and illumination levels. Simple one-handed operation. Silicon photodiode sensor and filter. Features include data Hold, Min./Max., manual range, and zero function.



Measuring Range	Res.	Accuracy	Interface	Cord Length	Auto Power Off	Battery Type	Brand	STANDARD Mfr. Model	STANDARD Item No.	NIST CERTIFIED Mfr. Model	NIST CERTIFIED Item No.
<b>Light Meters</b>											
0 to 10,000 FC; 0 to 100,000 Lux	0.1Fc/1Lux	±4%	SD Card and RS-232	39 in	Yes	(6) AA	Extech	SDL400	<b>13G531</b>	SDL400-NIST	<b>15E590</b>
0 To 2,000 FC; 0 To 20,000 Lux	0.001 Fc or 0.01 Lux	±3%	USB	—	Yes	9V	—	5URG1	<b>5URG1</b>	—	—
0 to 20,000Fc; 0 to 200,000 Lux	0.01 Fc or Lux	±3%	—	39 in	Yes	9V	Amprobe	LM-100	<b>4FKR3</b>	—	—
0 to 40,000 FC; 0 to 400,000 Lux	0.01 FC or 0.01 Lux	±3%	—	39 in	Yes	(6) AAA	Extech	EA30	<b>3MY54</b>	EA30-NIST	<b>2HZC2</b>
0 to 40,000 FC; 0 to 400,000 Lux	0.01 FC or 0.01 Lux	±5%	—	24 in	Yes	9V	Extech	LT300	<b>1AEV6</b>	LT300-NIST	<b>22DC07</b>
0 to 40,000 Lux; 0 to 4000 FC	0.1 Fc or 0.1 Lux	±5%	—	—	Yes	9V	—	5URGO	<b>5URGO</b>	—	—
0 to 200, 0 to 2000, 0 to 5000 FC; 0 to 2000, 0 to 20,000, 0 to 50,000 Lux	0.1/1/10 FC; 1/10/100 Lux	±4% + 2 Digits FS	Built-in RS-232	45 in	Yes	9V	Extech	407026	<b>1M946</b>	407026-NIST	<b>5ZT02</b>
0 to 5000 FC; 0 to 50,000 Lux	0.1 FC or 1.0 Lux	±5% ±2 Digits	—	45 in	No	9V	Extech	401025	<b>1H153</b>	—	—
0.01 to 40,000 FC; 0.1 to 400,000 Lux	0.01 FC or 0.1 Lux	±5%	USB	39 in	Yes	9V	Extech	HD450	<b>2ENE5</b>	HD450-NIST	<b>2ENE7</b>
2 mW/sq cm, 20 mW/sq cm	0.001mW/sq cm	±4%	SD Card and RS-232	39 in	Yes	AA	Extech	SDL470	<b>30ZP39</b>	SDL470-NISTL	<b>30ZP40</b>
Measuring Range to 200,000 Lux or 40,000 Foot Candles	1	±3% (Calibrated To Standard Incandescent Lamp 2856°K) and Corrected LED Day White-Light Spectrum ±6% Other Visible Light Sources	Yes	5 ft	Yes	9V	Amprobe	LM-200LED	<b>6NZG0</b>	—	—
<b>LED Light Meters</b>											
0 to 40,000 FC; 0 to 400,000 Lux	0.01 FC or 0.1 Lux	±3%	—	—	Yes	(2) AAA	Extech	LT40	<b>21YE34</b>	—	—
0 to 40,000 FC; 0 to 400,000 Lux	0.01 FC or 0.1 Lux	±3%	—	59 in	Yes	9V	Extech	LT45	<b>21YE35</b>	—	—
<b>Auto Ranging Light Meters</b>											
0 to 20,000Fc; 0 to 200,000 Lux	0.01 Fc or Lux	±3%	—	39 in	Yes	9V	Amprobe	LM-120	<b>4FKR4</b>	—	—

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