

# Light Meter

## Digital and analog display of light in fc or lux

- Relative mode indicates change in light levels
- Peak mode captures highest reading
- Remote light sensor on 12" (305 mm) coiled cable—expandable to 24" (609 mm)
- Utilizes precision photo diode and color-correction filter
- Cosine- and color-corrected measurements
- Min/Max feature stores maximum and minimum readings
- Data Hold freezes reading in the display
- Large LCD display with analog bar graph
- Backlight for readings in low light levels



50520-93

SPECIFICATIONS	
Fc range	0.1 to 20,000
Lux range	0.1 to 200,000
Max resolution	0.01 fc / lux
Accuracy	±5% of reading + 0.5% full scale
Display	Backlit LCD
Dimensions (W x H x D)	2 <sup>15</sup> / <sub>16</sub> " x 5 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>16</sub> " (75 x 150 x 40 mm)
Power	One 9 V battery

What's included: Light sensor with protective cover, protective holster, and 9 V battery.

Catalog No.	Model No.	Description
TS-50520-93	LT300	Light meter
Accessories		
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17111-44	—	NIST-traceable calibration with data

## Deluxe Light Meters

### Use for high-intensity measurements up to 40,000 fc and 400,000 lux

- Compact and rugged design features large display and bar graph
- Wide measuring ranges:
  - EA30: 40,000 fc in 4 ranges and 400,000 lux in 5 ranges
  - EA31: 20,000 fc in 4 ranges and 20,000 lux in 4 ranges
- Min/Max and Data Hold
- Large display with bar graph
- Cosine- and color-corrected measurements
- Auto power-off; low battery and overrange indication
- Utilizes precision silicon photodiode sensor with 39" (1 m) coiled cable for easy storage

#### Additional Features for Model EA30

- Peak hold captures short light pulses to 100 μsec
- Relative function for zero or difference from reference value

01598-65



SPECIFICATIONS		
Model No.	EA30	EA31
Fc range	40, 400, 4000, 40,000	20, 200, 2000, 20,000
Lux range	40, 400, 4000, 40,000, 400,000	20, 200, 2000, 20,000
Max resolution	0.01 fc/lux	
Accuracy	±3% rdg + 0.5% F.S.	
Dimensions (W x H x D)	2 <sup>7</sup> / <sub>32</sub> " x 5 <sup>29</sup> / <sub>32</sub> " x 1 <sup>1</sup> / <sub>32</sub> " (72 x 150 x 33 mm)	
Power	Six AAA batteries	

What's included Remote sensor with protective cover, built-in stand, protective holster, and six AAA batteries.

Catalog No.	Model No.	Description
TS-01598-65	EA30	Deluxe high-intensity light meter
TS-50520-91	EA31	Deluxe light meter
Accessories		
TS-09386-00	—	Replacement batteries, AAA. 12/pk
TS-17111-44	—	NIST-traceable calibration with data