



# Bright Solutions from Extech

Extech light meters deliver accurate, repeatable readings and feature big-digit displays, wide-range models, ruggedized designs, as well as memory and datalogging capabilities.



## EA31 EasyView® Big Digit Light Meter

Measures light intensity up to 20,000Fc/Lux

- Compact and rugged design with large display and bargraph
- Data Hold and MIN/MAX readings
- Auto power off
- Complete with built-in stand, light sensor and protective cover with 39" (1m) coiled cable, protective holster, 6 AAA batteries, and carrying case



## EA30 EasyView® Big Digit, Wide range Light Meter

Measures high intensity light up to 40,000Fc and 400,000Lux, is ideal for outdoor applications

- Compact and rugged design with large display and bargraph
- Relative function for zero or difference from reference value
- Peak captures short light pulses to 100µSeconds
- Data Hold and MIN/MAX readings
- Auto power off, Zero function
- Complete with built-in stand, light sensor and protective cover with 39" (1m) coiled cable, protective holster, 6 AAA batteries, and carrying case



## EA33 EasyView® Light Meter with Memory

Advanced illuminance functions for taking measurements in direct sunlight

- Wide measurement range to 99,990Fc (999,900 Lux)
- Luminous intensity (candela) calculations
- Store and recall up to 50 measurements, includes relative or real time clock stamp
- Ripple function excludes the effect of stray light from the primary light source measurement
- Auto power off with disable
- Multiple point average function
- Timed-Hold, Relative in absolute value or % deviation, and Comparator function with high/low alarms
- Includes built-in stand, light sensor and protective cover with 36" (0.9m) coiled cable, protective holster, 6 AAA batteries, and case



## HD400 Light Meter

Large backlit display with fast, 40-segment bar graph for capturing trends

- Wide range to 40,000Fc or 400,000Lux
- Cosine and color corrected measurements
- Utilizes precision silicon photo diode and spectral response filter
- Peak mode (10ms) captures highest reading
- Relative mode indicates change in light levels
- Heavy duty, rugged double molded housing
- Built-in USB port
- Includes light sensor and cover with 39" (1m) cable, Windows® compatible software with USB cable, built-in stand, hard carrying case, and 9V battery



## HD450 Light Meter Datalogger

Automatically stores up to 16,000 readings or manually store/recall up to 99 readings

- Records in a continuous mode up to 16,000 readings
- Wide range to 40,000Fc or 400,000Lux
- Cosine and color corrected measurements
- Utilizes precision silicon photo diode and spectral response filter
- Peak mode (10ms) captures highest reading
- Relative mode indicates change in light levels
- Heavy duty, rugged double molded housing
- Built-in USB port
- Includes light sensor and cover with 39" (1m) cable, Windows® compatible software, USB cable, built-in stand, case, and 9V battery

**N** NIST traceable certificate with data is available when you order your meter with Certificate Traceable to NIST. Look for this symbol **N** next to product part numbers.

SPECIFICATIONS	EA31 <b>N</b>	EA30 <b>N</b>	EA33 <b>N</b>	HD400 <b>N</b>	HD450 <b>N</b>	SPECIFICATIONS
Display counts	2000 count LCD	4000 count LCD	999,999 count LCD	4000 count backlit LCD	4000 count backlit LCD	Display counts
Fc Range	20, 200, 2000, 20,000Fc	40, 400, 4000, 40,000Fc	9.999, 99.99, 999.9, 9999, 99,990Fc	40, 400, 4000, 40kFc	40, 400, 4000, 40kFc	Fc Range
Lux Range	20, 200, 2000, 20,000Lux	40, 400, 4000, 40,000, 400,000Lux	99.99, 999.9, 9999, 99,990, 999,900Lux	400, 4000, 40k, 400kLux	400, 4000, 40k, 400kLux	Lux Range
Max. Resolution	0.01Fc/Lux	0.01Fc/Lux	0.001Fc/0.01Lux	0.01Fc/0.1Lux	0.01Fc/0.1Lux	Max. Resolution
Basic Accuracy	±3%rdg + 0.5%FS	±3%rdg + 0.5%FS	±3%	±5%	±5%	Basic Accuracy
Cosine & Color Corrected	Yes	Yes	Yes	Yes	Yes	Cosine & Color Corrected
PC Interface	—	—	—	USB with software included	USB with software included	PC Interface
Datalogging	—	—	—	Directly to PC using software	16,000 data (continuous)/ 99 data (manual)	Datalogging
CE approved	Yes	Yes	Yes	Yes	Yes	CE approved
Dimensions	5.9x2.8x1.4" (150x72x33mm)	5.9x2.8x1.4" (150x72x33mm)	5.9x2.8x1.4" (150x72x33mm)	6.7x 3.1x1.6" (170x80x40mm)	6.7x 3.1x1.6" (170x80x40mm)	Dimensions
Weight	8.3oz (235g)	8.3oz (235g)	11.29oz (320g)	13.7oz (390g)	13.7oz (390g)	Weight
Warranty	1 year	1 year	1 year	3 years	3 years	Warranty
Price	\$149.99	\$189.99	\$279.99	\$219.99	\$269.99	Price