



Light Meter 8051

Operating Instructions

order code: 825-505

INSTRUMENT OPERATION - Install the batteries provided. The unit is switched on/off by pressing the ON/OFF button. For accurate measurements hold the unit horizontally to the light source being measured. **Please note:** the light sensor can be rotated up to 270 °, do not rotate it past this point as this will damage the sensor. Press the Unit button to switch between foot-candle Ftc and Lux measurements. If the unit displays 'OL' then the unit is outside of its measurement range.

AUTO-OFF - This unit has a 20 minute auto-power off function. If you need to disable this function press and hold the Unit button while the light meter is off. Continue holding the Unit button and press the ON/OFF button, release the Unit button and 'AP on/oFF' will be shown in the display. Press the Unit button to toggle between on and off. Switch the unit off to confirm the auto-power off is disabled/enabled.

HOLD - Press the Func button once to display 'HOLD'. Once Hold is selected the last reading is displayed. Press the Func button three times to return to normal readings.

MAX/MIN - To check the maximum or minimum light reading, press the Func button twice to display 'Max' or press again until 'Min' is displayed. The unit will continually monitor the reading which will change if the unit is left in a light source. Switching the unit off will reset the max/min reading.

LCD BACKLIGHT - Press and hold the Unit button for three seconds and release, the LCD will illuminate. The backlight will remain on for 60 seconds if not disabled by the user within this time. To switch the backlight off press and hold the Unit button for three seconds.

BATTERY REPLACEMENT - Replace the batteries when the Battery symbol illuminates, using three AAA or 1.5 volt equivalent.

EMC/RFI - Instrument performance may be affected if operated within a high frequency radio field, such as a mobile phone, or if subjected to an electrostatic shock.

GUARANTEE - This instrument carries a one-year warranty against defects in either components or workmanship. Full details of liability are available within ETI's Terms & Conditions of Sale at www.etiltd.com/terms. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.

SPECIFICATION

range	0 to 30000 Lux or 0 to 2788 FC
resolution	1 Lux or 0.1 FC
accuracy	$\pm 4\%$ or ± 50 digits
battery	3 x 1.5 volt AAA
battery life	20 hours
display	custom 37 mm LCD
dimensions	30 x 60 x 121 mm
weight	150 grams



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