

HOW TO USE  
*SEKONIC*  
**DIGI LITE**  
MODEL L-318B



## PREPARING METER FOR OPERATION

**Battery check:** Place a battery in battery chamber (8) correctly, and switch the meter ON (2). Then b.c. mark and bar symbols are displayed for a second. Number of bar symbols shows degree of battery capacity. If battery is weak to give correct readings, b.c. mark is blinking or disappears. After checking battery the display is automatically changed to measuring mode.

**Setting film speed:** To set ISO sensitivity to the film you are using, switch the meter ON and press either side of UP/DOWN key (4) while depressing ISO selecting key (6).

**Setting shutter speed:** This meter is designed for T (shutter speed) priority use. Therefore, shutter speed should be set first except the meter is used in EV mode. By pressing either side of UP/DOWN key, display of shutter speed is changed accordingly.

**Selecting measuring mode:** By pressing F/EV selecting key (7), measuring mode can be converted from F mode (combination of F-stop and shutter speed is displayed) to EV mode (EV number is displayed), or vice versa.

## MEASUREMENT AND READ-OUT

### **Incident light measurement**

- 1. For measuring ambient light:** Mount Lumisphere (10) to swivel head (1). Switch the meter ON and point Lumisphere to camera from the position where subject is to be measured. Press measuring switch or (3). Then measured value of F-stop EV is displayed.

**2. For measuring illumination contrast:** Mount Lumidisc  to swivel head. Switch the meter ON and point Lumidisc directly toward center of main light. Press measuring switch in EV mode and read-out the measured value.

In the same manner, read the EV number of fill-in light. Difference between EV numbers of main and fill-in lights becomes contrast ratio (refer to Table 1).

**3. For measuring luminance (Lux):** Set ISO sensitivity to ISO 100 regardless of your film speed. Place Lumidisc parallel with the measured surface and read EV number in the same manner as for other measurements.

As to Lux value corresponding to the measured EV number, please refer to Table 2.

**Reflected light measurement:** Mount Lumigrad  to swivel head.

Switch the meter ON and point Lumigrad directly toward part of subject to be measured. Measure reflected light from main point of subject as close as possible to the subject.

Use adequate care in this case that the meter shadow does not interfere with the light to be measured.

#### **Post-measurement calculation**

**1. Calculation dependent upon change of film speed** can be made by pressing either side of UP/DOWN key while depressing ISO selecting key.

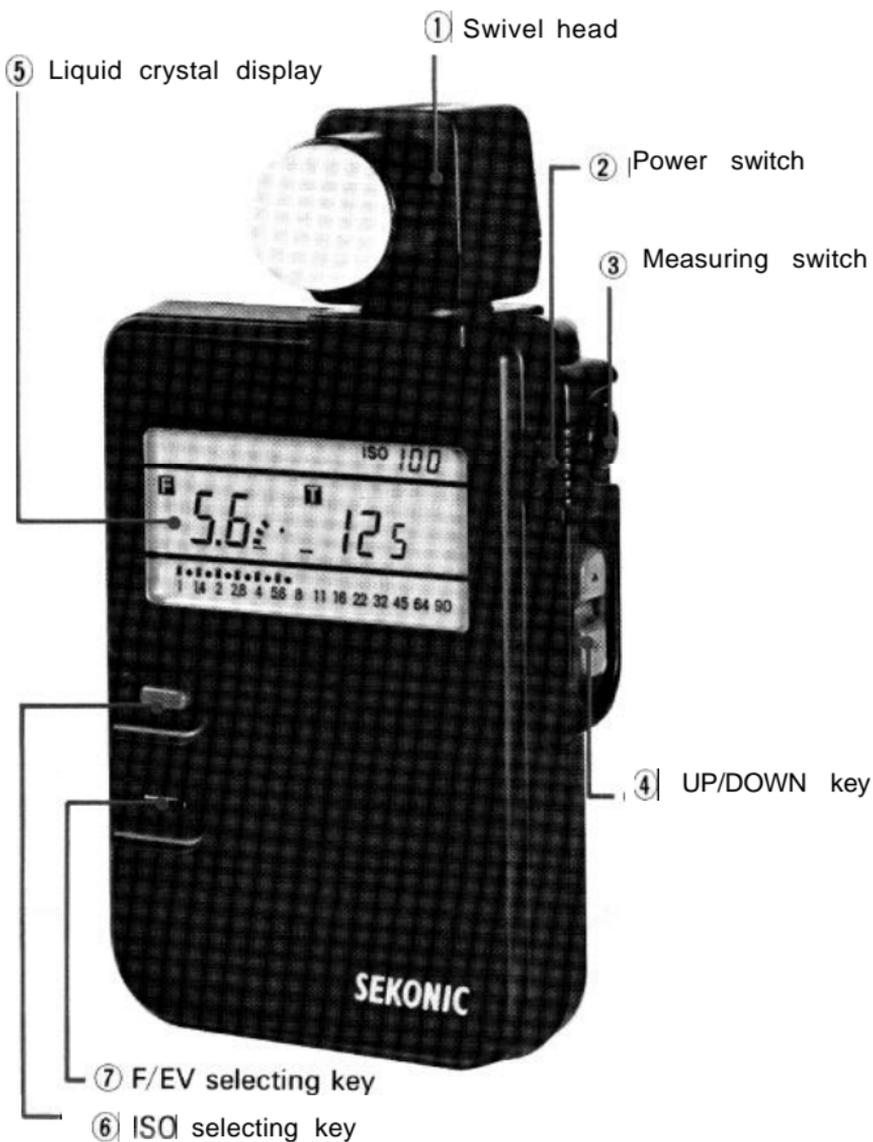
**2. Calculation dependent upon change of shutter speed** can be made by pressing either side of UP/DOWN key only.

**3. Conversion of measuring mode** can be made by pressing F/EV selecting key.

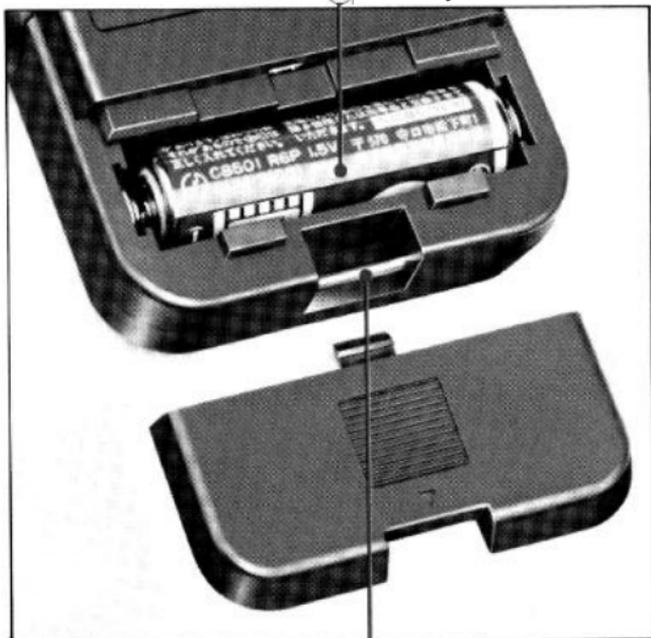
**Measuring range:** When measuring range is exceeded, F-stop or EV number will be replaced E.o (error-over) or E.u (error-under) mark.

**Measurement for movie camera:** Procedure for taking measurements when using movie camera is the same as for taking ambient light measurements.

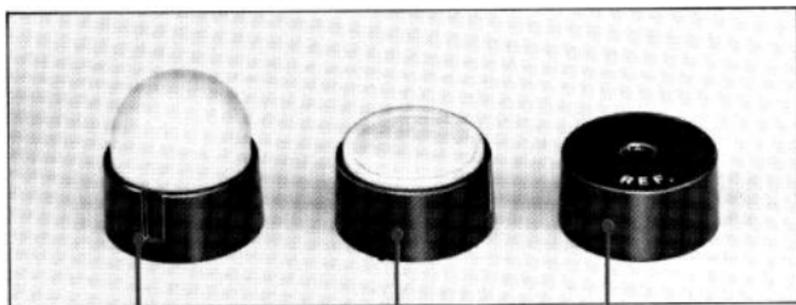
# PARTS DESIGNATIONS



8 Battery chamber



9 Carrying strap eyelet



10 Lumisphere

11 Lumidisc

12 Lumigrid

# TECHNICAL DATA

## Specifications

<b>Measuring range</b>	: EV(-) 1 -EV 19.9/ISO 100 Calibration constants: C=340 K=12.5
<b>Measuring element</b>	Silicon Photo Diode
<b>Measuring method</b>	Time-priority and EV measurements
<b>Measuring accuracy</b>	: 0.1 EV in repeating measurements
<b>Film speed</b>	ISO 3-8000
<b>F/stop</b>	: f/1.0-f/90 and bar symbols 0.1 -0.9 Bar-dot symbols at 1/2 f-stop increments are also displayed at the lower part of display board.
<b>Shutter speed</b>	30min.-1 /8000sec. for still camera 8fps.-128fps. for cine camera Cine scales will consecutively appear after the indication of 1/8000sec., and symbol mark C will be indicated at the upper part of display board instantly.
<b>Exposure value</b>	EV (-)4--24 and bar symbols 0.1 -0.9
<b>Displays</b>	for over and under exposure (E.o and E.u.), battery check (b.c.) are visible.
<b>Power source</b>	1 x AA pen light battery (1 .5 volts)
<b>Functions for post-measurement calculation and memory</b>	built in.
<b>Size &amp; weight</b>	121 x 64 x 23mm approx. 110grs. (excl. battery)
<b>Standard accessories:</b>	Lumisphere, Lumidisc, Lumigrid, 1 battery, leather case and neck cord.

**Optional accessory** Viewfinder 5°

**Table 1**

EV scale difference	Contrast ratio
1	1 : 2
2	1 : 4
3	1 : 8
4	1 : 16
5	1 : 32

**Table 2**

	0	1	2	3	4	5	6	7	8
— · —	3.4	6.8	14	27	54	108	218	435	870
⤴ ! —	4.8	9.6	19	38	76	152	300	600	1200
9	10	11	12	13	14	15	16		
1740	3500	7000	14000	28000	56000	111000	223000		
2400	4800	9800	19600	39400	78800	157000	315000		

EV number

LUX number

**Viewfinder 5°**

By using this viewfinder the 5' spot measurement is available. It makes you possible to measure reflected light of distant subject without going up close to the subject, or to check reflected light from small part of the subject.

Measuring range with viewfinder

EV 2-EV 1 9.9/ISO 100

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