

SLI

139 Nevada Street -:- El Segundo, California -:- Area Code 213-322-6324

The SLI type 80 Exposure Photometer is of compact design, high accuracy, employing an entirely new type of photosensitive cell which is *completely linear with respect to light energy*. The meter accepts a wide variety of light reading probes which makes this an exceedingly versatile instrument in the measurement of light energy.

This unit is enclosed in a finished walnut case which has space provided to store two of the photosensitive probes. The meter dial is extremely readable due to its extended scale so that light readings representing fractional stops cover an easily readable segment of the dial.

TYPE 80 PHOTOMETER

Manufactured by Street Laboratory and Industries



TYPE 80 PHOTOMETER

FEATURES:

Reads—Reflected, incident, infrared, Ground Glass Illumination
Linear Scale Employing Silicon Cell
Eight position range selector
All solid state electronics
15,000: 1 intensity range
Built-in battery check and zero adjustment
Hand held light sensitive probe with various adapters
Expanded Scale is capable of resolving to 1/3 of a stop

SPECIFICATIONS:

1) Physical

Weight: 3 lbs.
Dimensions: 6" Wide x 8" High x 5" Deep with cover on
Finish: Oiled Walnut

2) Electrical

Meter is *linear* with respect to light energy

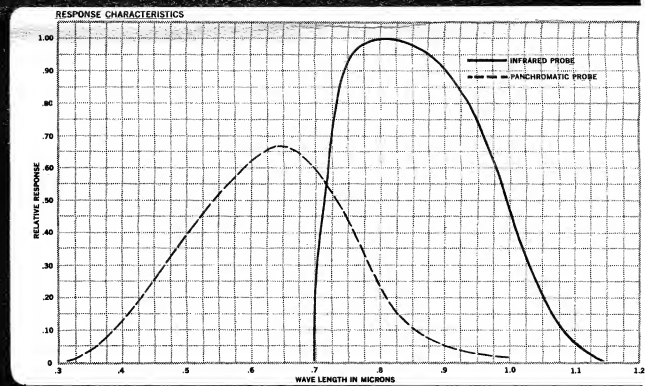
- Repeatable Accuracy — $\pm 1\%$
- Spectral Response:
Depends upon probe selected: Panchromatic range: (400–850 millimicrons)
Infrared range: (750–1100mm)
- Intensity Range—0.2 to 3,000 foot candles.
Range of 15,000 to 1. Longest exposure equivalent with ASA 400 speed film: $\frac{1}{8}$ second at $f/2.0^*$.
- All solid state circuitry of high stability.
- Built-in battery check and zero adjustment.
- Power Requirements—2 "C" size cell flashlight batteries.
- 5 input channels for use with various probes, selector switch control with zero adjustment position.
- Computer dial and conversion charts included.

ADAPTER HEADS AVAILABLE:

- 1) Incident light, panchromatic response
- 2) Reflected light, panchromatic response (45° acceptance angle)
- 3) Infrared response with spectral response: 750–1100 millimicrons. (45° acceptance angle)

SPECIAL PROBES AVAILABLE:

- 1) Ground Glass, panchromatic response
- 2) Projection screen probe
Special designs made to order



*It should be noted that this refers to light intensity in the visible spectrum as it applies to panchromatic film. Most supersensitive exposure meters are not selective of spectrum particularly at the low end of the scale, and readings are often influenced by radiation outside the visible range (such as infrared). The SLI Meter Type 80 gives a true reading of the visible spectrum only, throughout its entire range when used with the standard probe.

For additional information contact:

SLI

139 Nevada Street
El Segundo, California
AC 213-322-6324

SLI TYPE 80 PHOTOMETER

PART OR MODEL NUMBER	DESCRIPTION AND SPECIFICATIONS	PRICE
Type 80	<p>SLI Type 80 Exposure Photometer, repeatable accuracy $\pm 1\%$. Spectral response: dependent upon reading head chosen (see below). Intensity range - 0.2 to 3000 foot candles (15,000 to 1), all solid state circuitry, built-in battery and zero adjustment. Powered by 2 "C" size flashlight batteries, 5 input channels for use with various probes. Weight: 3 lbs; Dimensions: 6" wide x 5" deep x 8" high. Oiled walnut case with space provided to store probe and reading head(s).</p> <p style="padding-left: 40px;">Less probe and reading heads . . .</p>	\$245.00
80-0	Light Sensitive Probe Body (one required)	63.00
80-1	Incident Light Reading Head - Panchromatic sensitivity (spectral response: 400-850 millimicrons) for use with 80-0, including exposure computer	16.00
80-3	Screen Brightness Probe (complete unit - does not require 80-0)	42.00
80-4	Reflected Light Reading Head - Infrared sensitivity (spectral response: 750-1100 millimicrons) for use with 80-0.	22.00
80-5	Reflected Light Reading Head - Panchromatic sensitivity (spectral response: 400-850 millimicrons) for use with 80-0, including exposure computer	16.00

PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

FOR ADDITIONAL INFORMATION CONTACT:



S T R E E T L A B O R A T O R Y A N D I N D U S T R I E S

139 NEVADA STREET -- EL SEGUNDO, CALIF. -- AREA CODE 213-322-6324



STREET LABORATORY AND INDUSTRIES

139 NEVADA STREET -- EL SEGUNDO, CALIF. 90245 -- AC 213-322-6324

Reference: SLI Type 80 Photometer

Gentlemen:

We are planning another production run on November 20th of the SLI Type 80 Photometer, and enclosed are price and spec sheets.

The Photometer is a specialty devise and by having periodic production runs based on the quantity of orders obtained, this method eliminates tying up large sums of capital which would be necessary if we were to keep this item on the shelf. This, of course, enables us to give you the instrument at a lower price. Delivery can be expected in 60 to 90 days after the scheduled production date.

If you wish to place an order for the Photometer and/or any of the parts, please complete the order blank below and return it to us.

Very truly yours,

Donna M. Schroeder

S. L. I. 139 Nevada Street El Segundo, California 90245

Please accept my order for the following items:

			<u>NO. ORDERED</u>	<u>TOTAL PRICE</u>
Type 80	Exposure Photometer	\$245.00 ea.	_____	_____
80-0	Probe Body	63.00 ea.	_____	_____
80-1	Incident Light Reading Head - Panchromatic	16.00 ea.	_____	_____
80-3	Screen Brightness Probe	42.00 ea.	_____	_____
80-4	Reflected Light Reading Head - Infrared	22.00 ea.	_____	_____
80-5	Reflected Light Reading Head - Panchromatic	16.00 ea	_____	_____
		TOTAL ORDER	_____	_____

NAME _____

COMPANY _____

ADDRESS _____ City _____ State _____ Zip _____

- Check enclosed less 5 percent discount. Refundable if Nov. 20 production run cancelled.
- Invoice at time of shipment.