

cadmium sulphide and cadmium selenide PHOTOCONDUCTIVE CELLS

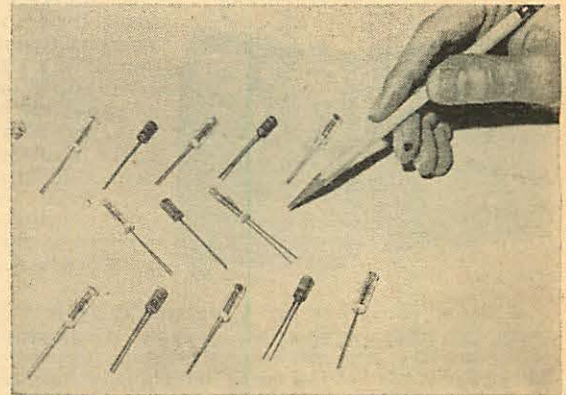
THE CLAIREX STANDARD
LINE QF 13 CELLS

available in a
versatile, standard line

Hundreds of firms with diverse applications are currently being supplied with standard Clairex Cells. Clairex also supplies special cells such as miniature photoconductive elements for reading punched tape and cards and larger cells having lower resistance and greater power dissipation.

MAXIMUM RATINGS FOR ALL STANDARD CELLS

Voltage: 300 DC or peak AC
Ambient temperature: 50 to —75 degrees C.
Power dissipation: 50 milliwatts—plastic
75 milliwatts—glass

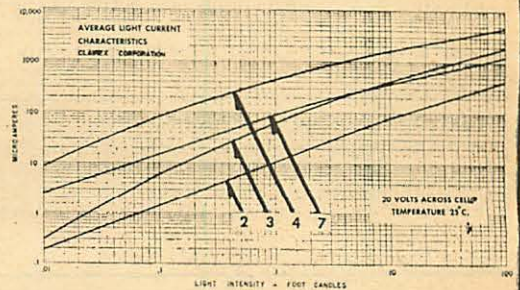


NOTE!
HIGH SENSITIVITY . . .

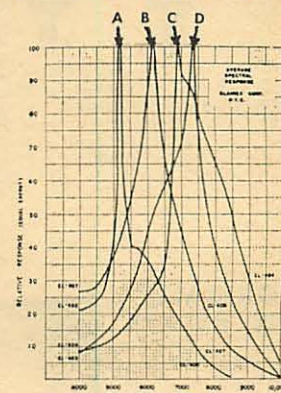
**13 TO CHOOSE FROM
TO SUIT YOUR APPLICATION**

Photocell Type	Sensitive Material	Peak Response	Light ¹ Resistance	Enclosure ² Type	Sensitivity, see curve	Spectral Response, see curve
CL-2P	CdS	5150 A	1M	X	2	A
CL-402	CdS	5150 A	1M	Y	2	A
CL-402S	CdS	5150 A	1M	Z	2	A
CL-3	CdSe	7350 A	160K	X	3	D
CL-3A	CdSe	7350 A	70K	X	3	D
CL-403	CdSe	7350 A	160K	Y	3	D
CL-403S	CdSe	7350 A	160K	Z	3	D
CL-4	CdSe	6900 A	30K	X	4	C
CL-404	CdSe	6900 A	30K	Y	4	C
CL-404S	CdSe	6900 A	30K	Z	4	C
CL-7	CdS	6150 A	133K	X	7	B
CL-407	CdS	6150 A	133K	Y	7	B
CL-407S	CdS	6150 A	133K	Z	7	B

¹ Measured at 2 foot candles (incandescent source).
² See table of enclosure types below.



**AND CHOICE OF
SPECTRAL RESPONSE**



GLASS OR PLASTIC ENCLOSURES

Enclosure	Material	Length	Diameter	View	Leads
X	Polyester-plastic	½"	0.25"	end ¹	0.03" dia. copper 1½" long
Y	Glass ¹	1"	0.265"	end ¹	0.02" dia. copper 1½" long
Z	Glass ¹	1"	0.265"	side ²	0.02" dia. copper 1½" long

¹ Hermetically sealed.
² Element at one end with sensitive surface at right angles.
³ Element at one end with sensitive surface parallel to long axis of cell.

PRICED FROM \$1.15

DEPENDING ON QUANTITY

The First, and Oldest, Manufacturer of CdS and CdSe Cells

CLAIREX
CORPORATION

New York City 10, N.Y.

"Photoconductors are our only business"