The 3530 Photo Electric Cell is of the gas-filled type with a Caesium Cathode.

**OPERATING CHARACTERISTICS**

- Maximum Anode Voltage \( V_{a_{\text{max}}} \) = 100 volts
- Normal Anode Voltage \( V_{a_{\text{normal}}} \) = 100 volts
- Glow Voltage \( V_s \) = 140 volts
- Maximum Anode Current \( I_{a_{\text{max}}} \) = 7.5 \( \mu \)A
- Sensitivity \( R_{\text{min}} \) = 150 \( \mu \)A/Lm
- Minimum Safety Resistance \( R_{\text{min}} \) = 0.1 megohm

**CAPACITY**

- Anode—Cathode \( C_{ak} \) = 5 \( \mu \)F

**CONNECTIONS**

This cell is capped in a special 2-pin base.

PIN No. 1 ANODE

" 2 CATHODE

**DIMENSIONS IN M/MS**
Mullard
PHOTO ELECTRIC CELL

3530

CURRENT / VOLTAGE CHARACTERISTIC

ANODE CURRENT (µA/LM)

ANODE VOLTS

RELATIVE SPECTRAL SENSITIVITY

PERCENTAGE RESPONSE

WAVELENGTH (ÅNGSTROM)