

# 1) Du Mont Type K1328.

This tube is an end-on multiplier phototube with an effective cathode diameter of  $14\frac{1}{2}$  inches. It is especially useful in scintillation counting where large volumes of liquid or plastic phosphors are to be used. Like the Du Mont Type 6292 it has an S-11 surface and a focusing shield whose potential can be varied to give optimum photoelectron collection efficiency. The multiplier section is built with twelve stages in order to obtain a high amplification factor.

## Average Characteristics of Du Mont Type K1328.

Spectral Response	S11
Cathode Luminous Sensitivity	30 $\mu\text{A}/\text{lumen}$
Anode Luminous Sensitivity 105 volts/stage, 0 cycles	15 $\text{A}/\text{lumen}$
Anode dark current at 105 volts/stage	3.0 $\mu\text{a}$
Current Amplification at 105 volts/stage	500,000

Accessories available for the Du Mont Type K1328 are the tube base socket Du Mont part number 34003051.

