



Φ3Y-1 photocell



This photocell measures 120x39mm overall

This is a photocell with one stage of amplification. It is designed for use in sound reproducing cine equipment and similar applications. It has an antimony-caesium photocathode on the inside of the envelope. It is designed to be mounted vertically but can be horizontally mounted provided the cathode edges are in a vertical plane.

Spectral response region	4000 to 6000 Angstroms
Max spectral response	4000 +/- 500 Angstroms
Total anode sensitivity at 220V	600 μA/Lumen
Supply voltage	≤ 250V
Dark current	≤ 1x10 ⁻⁷ A
Working temperature range	+10 to +30C

The base pins are anode and cathode and the side connector is the emitter. The anode is the pin on the same side as the emitter connection.

