

VISITRON



TYPE R85

R85 SERIES

A non-directional Visitron Phototube having a 360° pickup. Features an increased sensitivity due to utilization of all energy from the light source. Ideal wherever multi-directional applications are employed such as electronic operated target games, multiple beam burglar and fire alarms, etc.

GENERAL CHARACTERISTICS

| | R85A | R85AV |
|----------------------------------|-------------------------------|-------------------------------|
| Cathode Surface..... | S1 | S1 |
| Cathode Size..... | 1.000" x .500" (from 360°) | 1.000" x .500" (from 360°) |
| Capacitance (Anode-Cathode)..... | 2.5 MMF. | 2.0 MMF. |
| Leakage Resistance (Min)..... | 1000 Meg. | 1000 Meg. |

MAXIMUM RATINGS

| | R85A | R85AV |
|---------------------------------|-------------|------------|
| Anode Voltage, Peak..... | 90V | 500V |
| Luminous Sensitivity..... | 175 uA/L DC | 40 uA/L DC |
| Luminous Sensitivity (25v)..... | 40 uA/L DC | 37 uA/L DC |
| Gas Amplification..... | 8 | - - - |
| Temperature, ambient..... | 100°C | 100°C |

DIRECTION OF LIGHT
360°

