PHOTONIS USA, INC. Specification

P&S: 35119 Date Issued: 01MAY14 EC No.: 14-8843 Rev.: C

Subject: **CEM 4899** Page 1 of 1 Pages

PHYSICAL CHARACTERISTICS SPECIFICATIONS

Maximum Vacuum Bake Specification: 8 Hours at 120℃ at 1 x 10 -5 Torr or Lower

(Not Operating)

Operating Temperature Range: -50°to 100℃

ELECTRICAL CHARACTERISTICS SPECIFICATIONS

Operation: **Pulse Counting**

5 x 10⁻⁶ Torr Maximum Operating Pressure: Maximum Specified Operating Voltage: 3000 Volts

Bias Current Range (@ 2500 Volts): 60 to 156 Microamps Resistance (For Reference Only): 16 to 42 Megohms

Minimum Gain (@ 2500 Volts): 1.0×10^7

Maximum Dark Count (@ 3000 Volts): 120 Counts in 60 Seconds Maximum Linear Output Current: 10% of Bias Current (Typical) Maximum Pulse Height Distribution: 100% Full Width Half Maximum

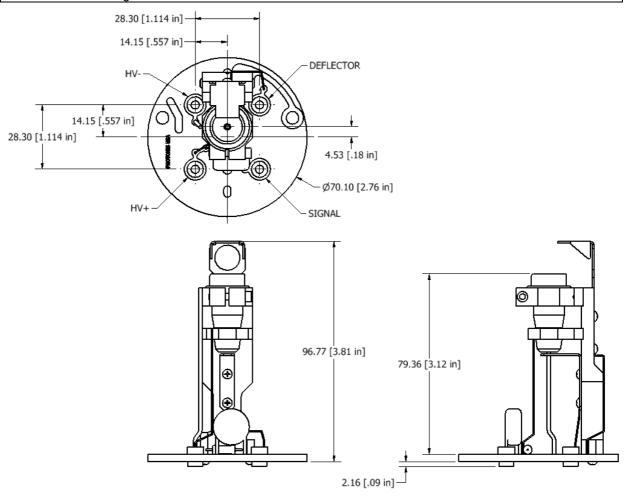


Figure 1, Mechanical Dimensions

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