## PHOTONIS USA, INC. Specification

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## Date Issued: 12AUG13 EC No.: 13-8459 Subject: CEM 5904 MAGNUM COA

PHYSICAL CHARACTERISTICS	SPECIFICATIONS
Maximum Vacuum Bake Specification: (Not Operating)	8 Hours at 350℃ at 1 x 10 <sup>-5</sup> Torr or Lower
Operating Temperature Range:	-50°to 120℃
ELECTRICAL CHARACTERISTICS	SPECIFICATIONS
Operation:	Analog
Maximum Operating Pressure:	1.0 x 10 <sup>-5</sup> Torr
Maximum Specified Operating Voltage:	3000 Volts
Bias Current Range (@ 2500 Volts):	60 to 147 Microamps
Resistance (For Reference Only):	17 to 42 Megohms
Minimum Gain (@ 2500 Volts):	1 x 10 <sup>7</sup>
Maximum Dark Current (@ 2500 Volts):	1 x 10 <sup>-12</sup> Amps
Maximum Dark Count (@ 3000 Volts):	120 Counts in 60 Seconds
Bias Resistor:	10-20% of Total Resistance (Nominally)

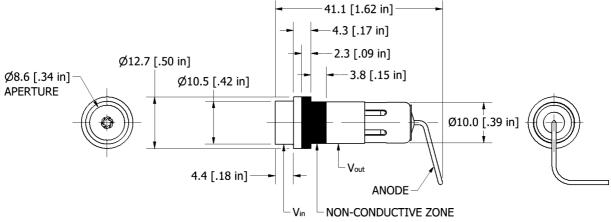


Figure 1, Mechanical Dimensions

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