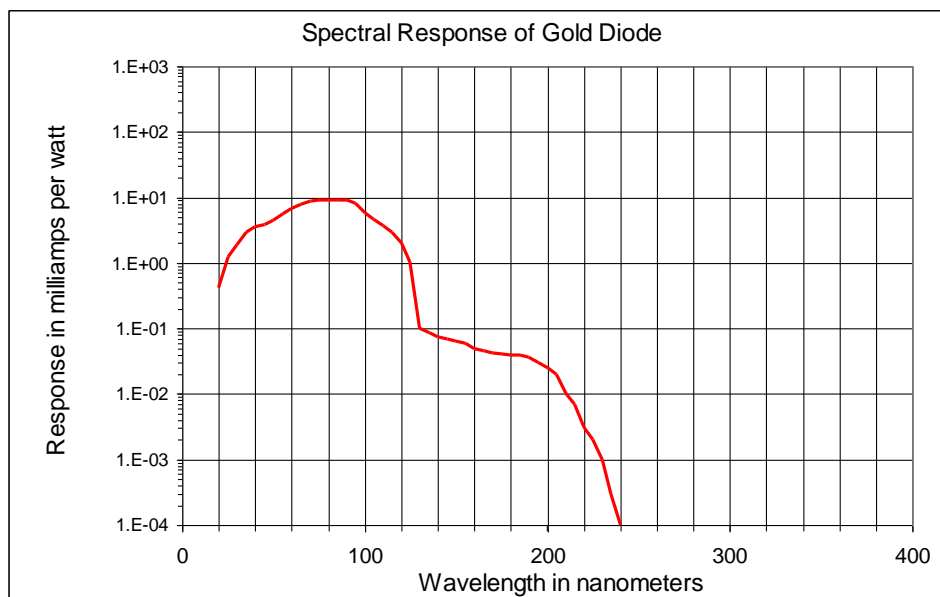


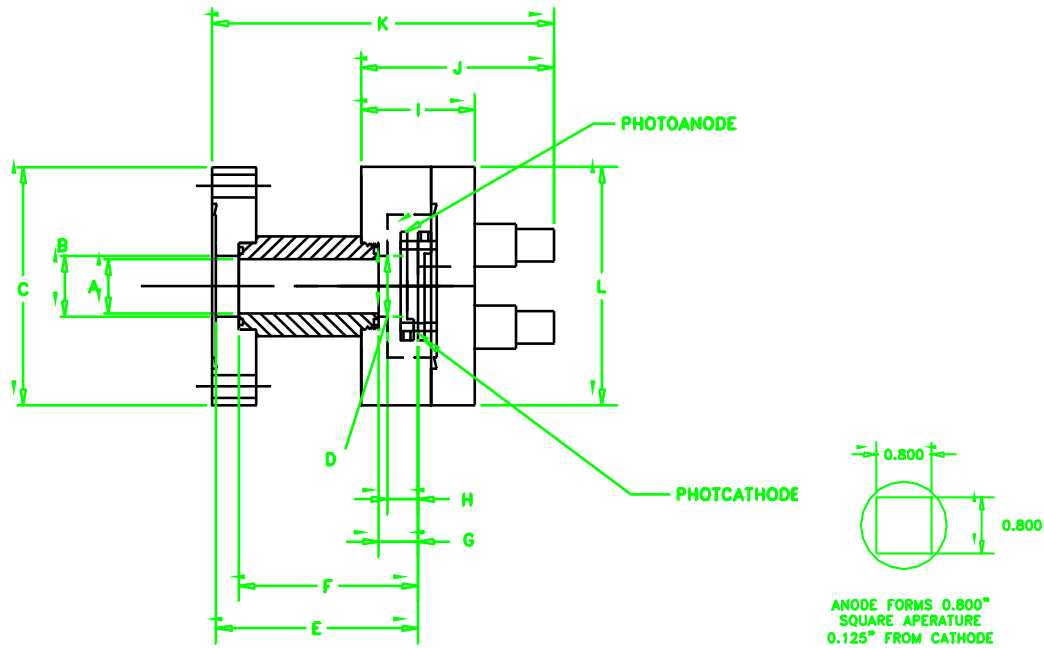
Model No:	Description:
AuX-D-L	This is a UV Gold diode detector. This product is windowless and can be mounted directly onto a vacuum system via a 2.75" conflat flange with an adapter. This diode has a 5% peak quantum efficiency.

Electrical /Optical Specifications:				
Specification	Minimum	Typical	Maximum	Units
Anode Supply Voltage	10	15	100	Vdc
Spectral Response	-	20-120	-	nm
Window Material		none		-
Peak wavelength	-	80	-	nm
Photo-cathode area	-	0.8 x 0.8	-	mm
Peak Cathode current	-	-	2	uA
Average Cathode current density	-	-	-	uA/cm ²
Average Cathode current	-	-	10	uA
Luminous sensitivity	-	-	-	uA/lm
Radiant sensitivity for 122 nm	-	-	-	mA/W
Radiant sensitivity for 254 nm	-	-	-	mA/W
Radiant sensitivity for peak point	-	10	-	mA/W
Temperature range	-80	-	+150	° C
Capacitance between electrodes	-	2.4	-	pF
Dark Current	-	1	-	pA

Electrical Interface			
Nomenclature	description	Connector type	Required (y/n)
Anode	Bias voltage for supply	BNC type	Y
Cathode	Output current for signal	BNC type	Y

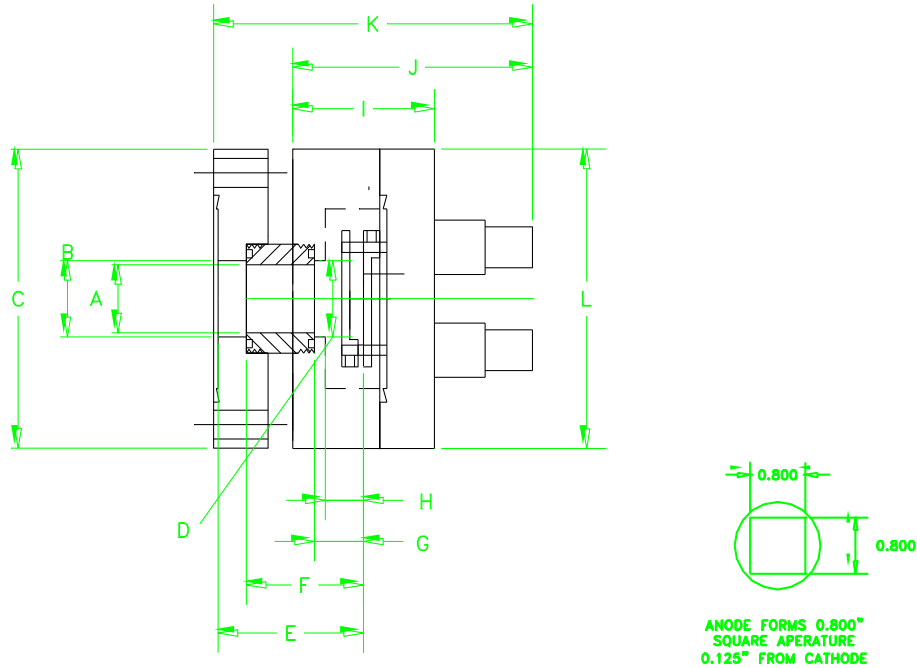


Mechanical Specifications (configuration A)



Dimension	Value	Unit
A	0.625 / 15.31	Inches/mm
B	0.700 / 17.15	Inches/mm
C	2.75 / 67.38	Inches/mm
D	0.700 / 17.15	Inches/mm
E	2.310 / 56.6	Inches/mm
F	2.050 / 50.23	Inches/mm
G	0.450 / 11.03	Inches/mm
H	0.350 / 8.58	Inches/mm
I	1.300 / 31.85	Inches/mm
J	2.200 / 53.90	Inches/mm
K	3.900 / 95.55	Inches/mm
L	2.75 / 67.38	Inches/mm
Tolerances	±0.005 / 0.12	Inches/mm
Materials		
Window	-	
Body	Aluminum	
Vacuum Adapters	Stainless Steel	

Mechanical Specifications (configuration B)



ANODE FORMS 0.800"
SQUARE APERTURE
0.125" FROM CATHODE

Dimension	Value	Unit
A	0.625 / 15.31	Inches/mm
B	0.700 / 17.15	Inches/mm
C	2.75 / 67.38	Inches/mm
D	0.700 / 17.15	Inches/mm
E	1.335 / 32.71	Inches/mm
F	1.075 / 26.34	Inches/mm
G	0.450 / 11.03	Inches/mm
H	0.350 / 8.58	Inches/mm
I	1.300 / 31.85	Inches/mm
J	2.200 / 53.90	Inches/mm
K	2.925 / 71.66	Inches/mm
L	2.75 / 67.38	Inches/mm
Tolerances	±0.005 / 0.12	Inches/mm
Materials		
Window	-	
Body	Aluminum	
Vacuum Adapters	Stainless Steel	