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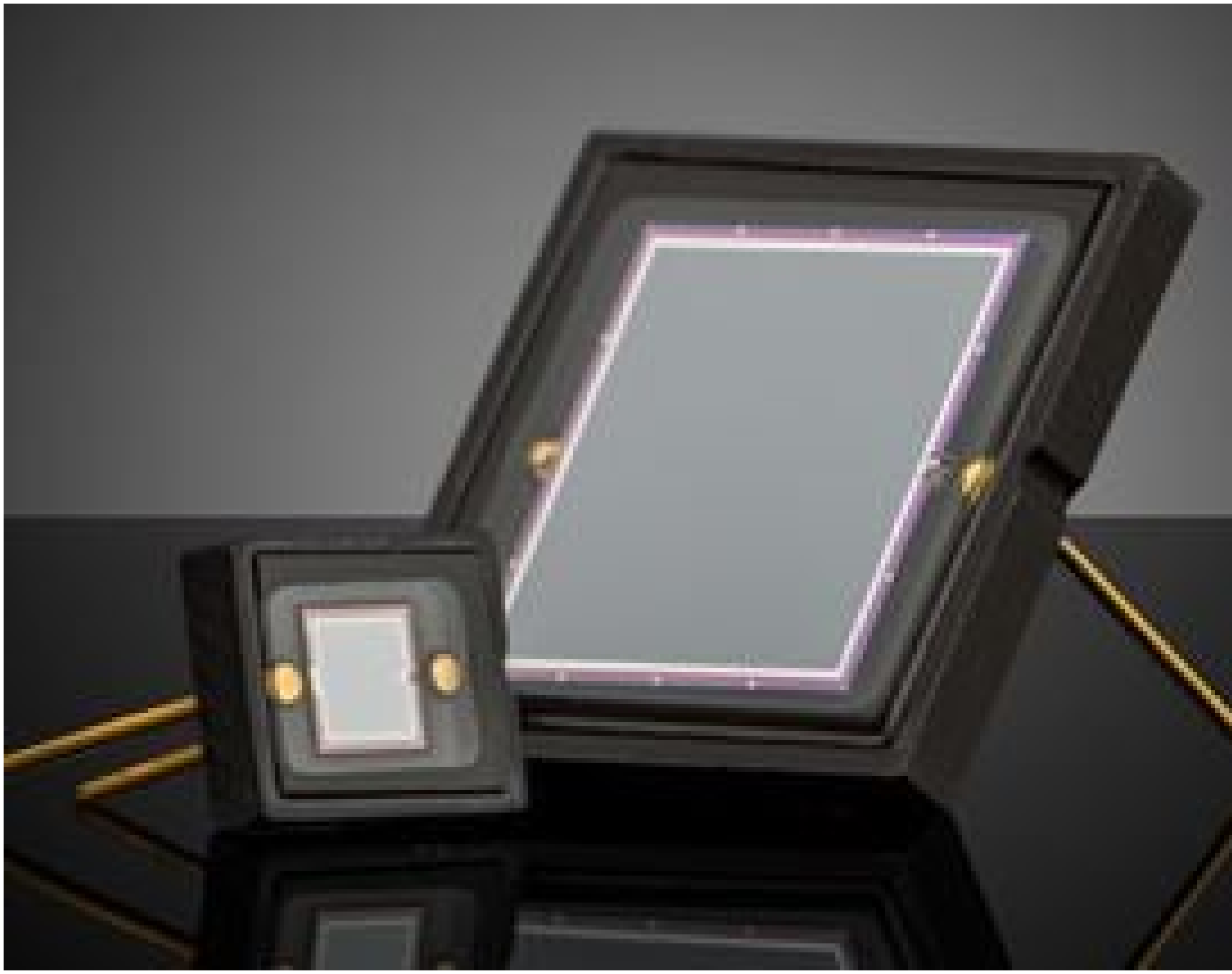
5.7mm^2 DUV Photodiode with Metal Housing



DUV Photodiodes

Stock **#84-981** CONTACT US

- 1 + **€90**.00

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Volume Pricing	
Qty 1-4	**€90,00** each
Qty 5-9	**€79,00** each
Qty 10-24	**€70,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Rise Time (µs):
0.2 @ 0 V, 1 kΩ

Physical & Mechanical Properties

Size of Active Area (mm):
2.4 x 2.4

Active Area (mm^2):

5.7

Optical Properties

Peak Response Wavelength (nm):
980.00

Electrical

Responsivity @ 980nm (A/W):
0.5

Shunt Resistance @ V=-10mV (GΩ):
Minimum: 0.3
Typical: 1

Responsivity @ 633nm (A/W):
0.34

Responsivity @ 200nm (A/W):
0.12

Capacitance @ V_R=0V (pF):
65.00

Noise Equivalent Power NEP (W/ $Hz^{1/2}$):
3.6×10^{-14} @ 0 V, 200nm

Maximum Reverse Voltage (V):
5.00

Hardware & Interface Connectivity

Connector:
TO-5

Environmental & Durability Factors

Operating Temperature (°C):
-20 to +60

Storage Temperature (°C):
-55 to +80

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Excellent UV Sensitivity
- High Shunt Resistance
- Low Capacitance

DUV Photodiodes are ideal for a wide variety of applications, including UV spectrophotometry and analytical and medical instrumentation. DUV Photodiodes are designed for enhanced responsivity from 200 – 400nm, and with sensitivity extending down to 190nm. DUV Photodiodes feature quartz windows and either metal or ceramic housing. Models with suppressed NIR performance are also available.