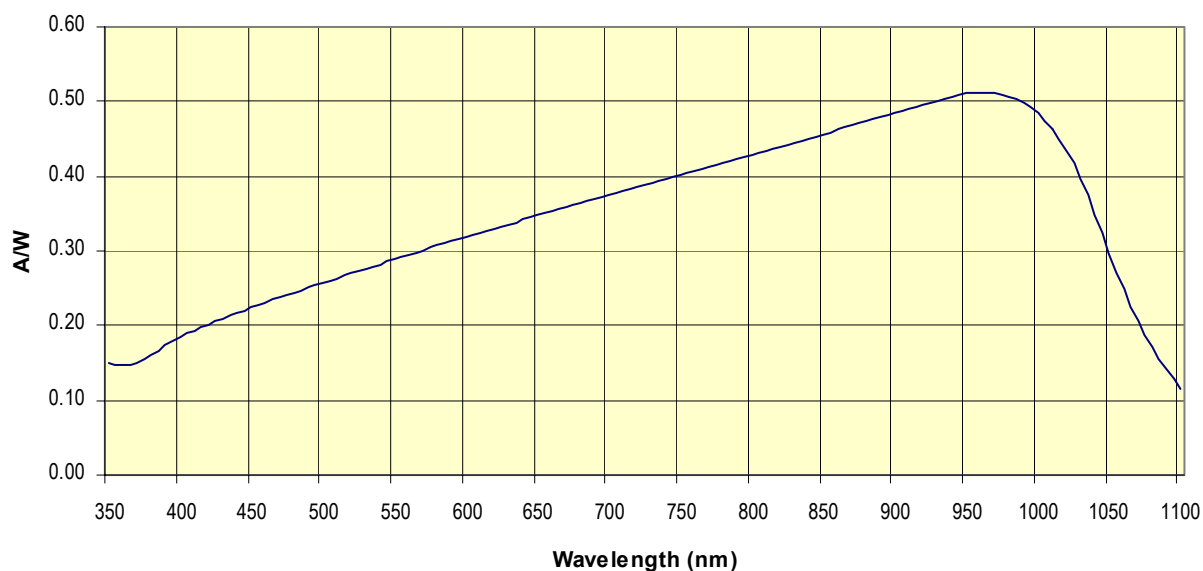


DH-Si Silicon Detector Head

The DH-Si is a general purpose silicon photodiode with a λ range of 200-1100nm, and offers excellent linearity and low noise at an affordable price.

Its mounting flange is compatible with the entire range of Bentham monochromators and accessories. This detector is recommended for use with the 200 Series of detection electronics.



Specification	
Active area:	10 x 10 mm
Peak sensitivity wavelength:	960 nm
Typical Dark current I_D	200 pA
Max operating temperature:	-40 to +70 °C *
Max shunt resistance (typ.):	0.2 G Ω
NEP:	1.8×10^{-14} W/Hz ^{1/2}
Window material:	Quartz (enhanced NIR option available)
* Peltier cooled devices also available	

