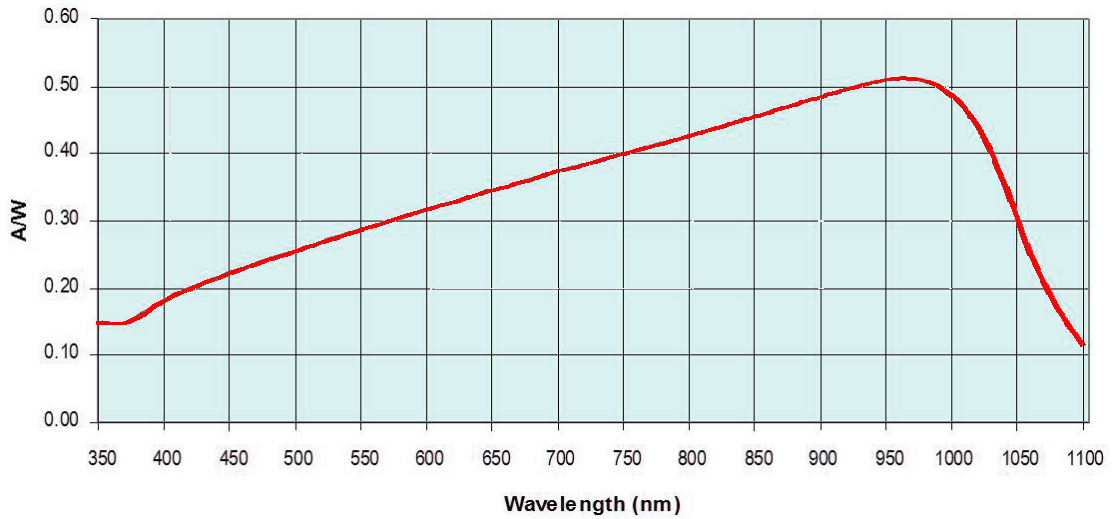


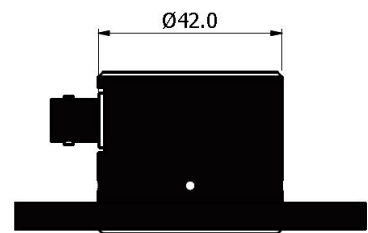
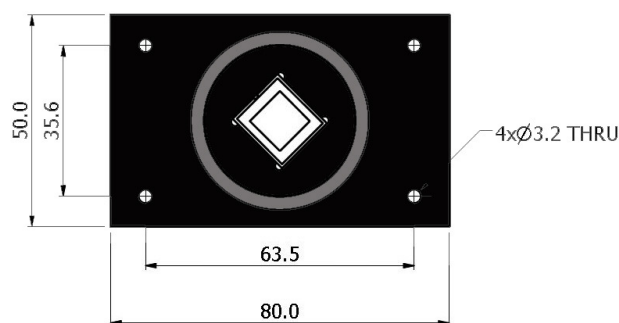
The DH-Si is a general purpose silicon photodiode with a  $\lambda$  range of 200-1100nm, and offers excellent linearity and low noise at an affordable price.

Its mounting flange is compatible with the entire range of Bentham monochromators and accessories. This detector is recommended for use with the 400 Series of detection electronics.



### Specification

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



DH-Si Dimensions (mm)