

**Northrop Grumman Corporation**

Cutting Edge Optronics

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CEO has combined its novel packaging capabilities with its high power QCW laser diode bars to create conductively-cooled laser diode arrays with power densities approaching 25 kW/cm<sup>2</sup>. These High Density Stack (HDS) arrays are excellent candidates for small, lightweight applications which require maximum diode intensity in the smallest possible area. These arrays are available over a wide range of standard wavelengths, and can be packaged on nearly all CEO laser diode array platforms, including G, Cs, and Derringer packages. This package is also available with mini-bars that are less than 1 cm in length.

*Golden Bullet (hard solder) 5-bar mini G Package option is shown.*

**Specifications**

<b>Wavelength (nm)</b>	780nm – 815nm
	875nm – 890nm
	935nm – 945nm
	965nm – 975nm
<b>Operation</b>	QCW
<b>Lensing Options</b>	No Collimation
<b>Total Power</b>	500 W
<b>Diode Bar Count</b>	5
<b>Power Per Bar</b>	100 W
<b>Diode Construction</b>	Golden Bullet (hard solder)



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