

**Cutting Edge Optronics, Inc.**

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**Phone:** 636-916-4900 • **Fax:** 636-916-4994**Email:** st-ceolaser-info@ngc.com • **Website:** www.as.northropgrumman.com/ceolaser**High Density Stack Laser Diodes**

CEO has combined its novel packaging capabilities with its 300W QCW laser diode bars to create conductively-cooled laser diode arrays with power densities approaching  $25 \text{ kW/cm}^2$ . 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.

Results 1 - 9 of 9

Item #	Wavelength	Total Power	Diode Bars	Power Per Bar	Operation
ARR179P500HDS (5 bar)	808 nm, 880 nm, 885 nm, 940 nm	500 W	5	100 W	QCW
ARR179P1000HDS (5 bar)	808 nm, 880 nm, 885 nm, 940 nm	1,000 W	5	200 W	QCW
ARR179P1500HDS (5 bar)	808 nm, 880 nm, 885 nm, 940 nm	1,500 W	5	300 W	QCW
ARR179P1000HDS (10 bar)	808 nm, 880 nm, 885 nm, 940 nm	1,000 W	10	100 W	QCW
ARR179P2000HDS (10 bar)	808 nm, 880 nm, 885 nm, 940 nm	2,000 W	10	200 W	QCW
ARR179P3000HDS (10 bar)	808 nm, 880 nm, 885 nm, 940 nm	3,000 W	10	300 W	QCW
ARR179P2000HDS (20 bar)	808 nm, 880 nm, 885 nm, 940 nm	2,000 W	20	100 W	QCW
ARR179P4000HDS (20 bar)	808 nm, 880 nm, 885 nm, 940 nm	4,000 W	20	200 W	QCW
ARR179P6000HDS (20 bar)	808 nm, 880 nm, 885 nm, 940 nm	6,000 W	20	300 W	QCW

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