

Northrop Grumman Corporation

Cutting Edge Optronics

20 Point West Boulevard

St. Charles MO 63301

Phone: 636.916.4900 • **Fax:** 636.916.4994**Email:** st-ceolaser-info@ngc.com**Item # ARR291P1800, H Package**

The H Package laser diode array is designed specifically for direct diode applications (e.g. hair removal and plastic welding). The package is offered in two dimensional configurations and is operational from 0.5ms to 300ms long pulse durations at up to 150 Watts per bar operation. The standard package is offered in 8-bar, 10-bar and 12-bar vertical stacks (custom options available upon request).

The small and compact design is cooled by Non-Deionized standard filtered water, making installation and maintenance more cost and time efficient. The package is assembled with AuSn solder and expansion matched materials for a more robust assembly that promotes increased reliability.

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Specifications

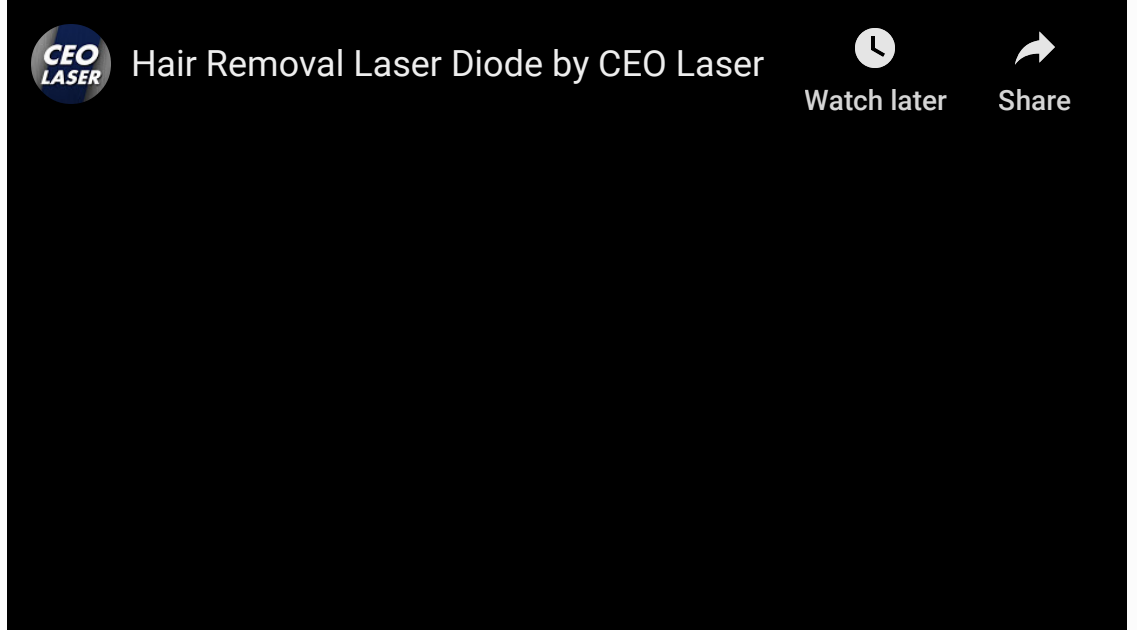
Wavelength (nm)	780nm – 815nm 875nm – 890nm 935nm – 945nm 965nm – 975nm
Operation	QCW
Lensing Options	Fast-Axis Collimation Slow-Axis Collimation
Total Power	1,800 W
Diode Bar Count	12
Power Per Bar	150 W
Diode Construction	Golden Bullet (hard solder)

Downloads

Downloads [ARR291P1800 Data Sheet](#)

Product Video

Product Video



Capability Video

Capability Video

