

September 2010 – Announcement: High Performance – HP- Product Launch

High Performance Diode Array Technology from Lee Laser. The industry said they wanted more Lee Laser power and shorter pulse widths to the work piece and we responded with our new HP (High Performance) product line.

HP provides 20%+ more power and a 25%+ shorter average pulse width than our current product line. All hard solder and conventional cooling, with no micro channels provides for no Indium migration and longer diode lifetimes. **New; Two year, 12,500 hour Lee Laser Limited Warranty now standard on HP Lasers!**

Examples of HP performance compared to our standard products:

Lasers @ 1064nm

LDP-200MQ = 140 Watts* average power & average pulse widths of 100 ns

LDP-200MQ-**HP** = 180 Watts* average power & average pulse widths of 70 ns

LDP-300MQ = 225 Watts* average power & average pulse widths of 100 ns

LDP-300MQ-**HP** = 300 Watts* average power & average pulse widths of 60 ns

Lasers @ 532nm

LDP-200MQG = 100 Watts* average power & average pulse widths of 100 ns

LDP-200MQG-**HP** = 125 Watts* average power & average pulse widths of 74 ns

*Note: At 10 kHz

Applications:

- Diamond Processing
- Cutting
- Materials Processing
- Microvats Drilling
- Ablation
- Micro Machining

