Model: LDM-WP03

High Power 300 Watt Laser Diode Heatsink; Mounting Holes Pre-Configured for your Laser Diode

- For Laser Diode Heat Load Dissipation > 300 Watts of Waste Heat
- Thermal Resistance < 0.04 °C / W
  Anodized Aluminum Construction;
  Water Cooled; Press-Fit Water Connections
- Standard Options for nLIGHT Pearl and Other Modules
- Mounting Plate Holes Pre-Configured for your Laser Diode ($120.00 Configuration Charge)

WORLD LEADING PRODUCTS
FOR LASER SCIENTISTS AND ENGINEERS
Product Overview:
These water cooled high power laser diode heat sinks are designed for >200 Watt fiber coupled modules, CS bar packaged laser arrays and other high heat load devices. Mounting holes are configured for your specific laser diode package style. These heat sinks are a high performance solution for cooling of laser diodes in laboratory environments. They are constructed from an anodized 0.5” thick aluminum plate with press in tube fittings for simple / safe connection to your water chiller or heat exchanger. They have a multi-channel grid of water channels spread through the mounting plate to maximize cooling effectiveness. These high power heat sinks have standard mounting hole patterns for nLight Pearl and other high power lasers.

HEAT SINK SPECIFICATIONS
Heat Load (Qmax) Maximum: 300 Watts
Thermal Resistance: < 0.04 °C / W
Cooling Plate Material: Anodized Aluminum
Water Connection: Quick-Fit Press-In 3/4 inch
Laser Mounting Plate Footprint: $120.00 Set-Up Charge for Custom Hole Drilling

STANDARD MOUNTING PLATES (NO SET-UP CHARGE)
nLight Fiber Coupled Pearl Modules
CS and CCP Packaged Laser Diode Bars and Arrays
LIIMO Fiber Coupled Laser Diode Packages

DIMENSIONS
116 mm x 110 mm (refer to drawing for more details)