



**NEW SOURCE
TECHNOLOGY^{LLC}**
Where performance equals value

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- **LDD Power Selection:** LDD's are available in various power levels: 150W, 250W, 600W, 1000W, 1500W and 3000W. LDD's can be configured for almost any current/voltage combination required for stacks of diode laser bars. The table below lists standard configurations. Consult Lumina Power for other combinations.
- **Required Voltage Compliance:** Table below assumes a total of 2V drop per bar which includes IR losses in wiring. Customer's voltage compliance requirements may differ due to ohmic losses in system.
- **Paralleling LDD's for Higher Power:** Higher power can be achieved by paralleling LDD's. Due to the fact these units are current sources, units may be paralleled without special housekeeping electronics. Consult Lumina Power for more information.
- **Special Configurations:** Units can be configured for virtually any combination of output current and voltage up to 80 Amp (150A for LDD-3000) and 100V.

LDD Selector Chart

#	VOLTS	Maximum Required Output Current						
		20A	30A	40A	50A	60A	70A	80A*
1	2	LDD-100-20-2	LDD-100-30-2	LDD-100-40-2	LDD-100-50-2	LDD-150-60-2	LDD-150-70-2	LDD-250-80-2
2	4	LDD-100-20-4	LDD-150-30-4	LDD-150-40-4	LDD-250-50-4	LDD-250-60-4	LDD-250-70-4	LDD-600-80-4
3	6	LDD-150-20-6	LDD-150-30-6	LDD-250-40-6	LDD-600-50-6	LDD-600-60-6	LDD-600-70-6	LDD-600-80-6
4	8	LDD-150-20-8	LDD-250-30-8	LDD-600-40-8	LDD-600-50-8	LDD-600-60-8	LDD-600-70-8	LDD-600-80-8
5	10	LDD-250-20-10	LDD-600-30-10	LDD-600-40-10	LDD-600-50-10	LDD-600-60-10	LDD-1000-70-10	LDD-1000-80-10
6	12	LDD-250-20-12	LDD-600-30-12	LDD-600-40-12	LDD-600-50-12	LDD-1000-60-12	LDD-1000-70-12	LDD-1000-80-12
7	14	LDD-250-20-14	LDD-600-30-14	LDD-600-40-14	LDD-1000-50-14	LDD-1000-60-14	LDD-1000-70-14	LDD-1500-80-14
8	16	LDD-600-20-16	LDD-600-30-16	LDD-1000-40-16	LDD-1000-50-16	LDD-1000-60-16	LDD-1500-70-16	LDD-1500-80-16
9	18	LDD-600-20-18	LDD-600-30-18	LDD-1000-40-18	LDD-1000-50-18	LDD-1500-60-18	LDD-1500-70-18	LDD-1500-80-18
10	20	LDD-600-20-20	LDD-600-30-20	LDD-1000-40-20	LDD-1000-50-20	LDD-1500-60-20	LDD-1500-70-20	LDD-3000-80-20
12	24	LDD-600-20-24	LDD-1000-30-24	LDD-1000-40-24	LDD-1500-50-24	LDD-1500-60-24	LDD-3000-70-24	LDD-1300-80-24
14	28	LDD-600-20-28	LDD-1000-30-28	LDD-1500-40-28	LDD-1500-50-28	LDD-3000-60-28	LDD-3000-70-28	LDD-3000-80-28
16	32	LDD-1000-20-32	LDD-1000-30-32	LDD-1500-40-32	LDD-3000-50-32	LDD-3000-60-32	LDD-3000-70-32	LDD-3000-80-32
18	36	LDD-1000-20-36	LDD-1000-30-36	LDD-1500-40-36	LDD-3000-50-36	LDD-1500-60-36	LDD-3000-70-36	LDD-3000-80-36
20	40	LDD-1000-20-40	LDD-1500-30-40	LDD-3000-40-40	LDD-3000-50-40	LDD-1500-60-40	LDD-3000-70-40	LDD-3000-80-40

*Higher current levels available - Units can be configured for virtually any voltage and current combination up to 100A