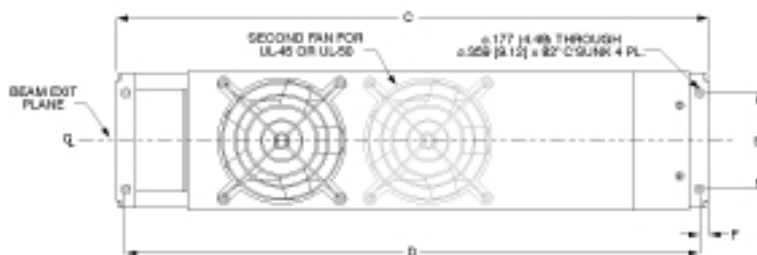
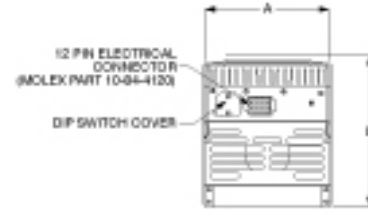
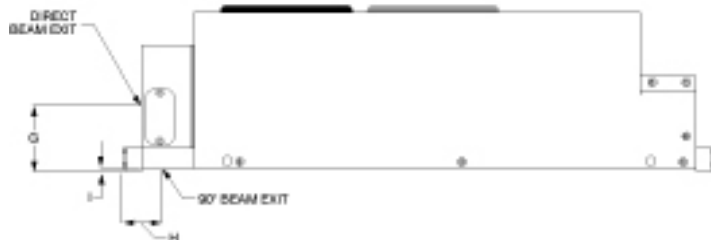


UL-25 to UL-50 Specifications



LASER DIMENSIONS			
	UL-25-OEM UL-30-OEM	UL-35-OEM UL-40-OEM	UL-45-OEM UL-50-OEM
A	5.380 (138.0)	5.380 (138.0)	5.380 (138.0)
B	6.350 (161.3)	6.350 (161.3)	6.350 (161.3)
C	22.750 (577.8)	28.250 (696.7)	29.250 (742.9)
D	32.900 (838.0)	35.500 (897.7)	38.500 (977.9)
E	3.750 (95.2)	3.750 (95.2)	3.750 (95.2)
F	.375 (9.5)	.375 (9.5)	.375 (9.5)
G	2.475 (62.9)	2.475 (62.9)	2.475 (62.9)
H	1.455 (36.9)	1.455 (36.9)	1.455 (36.9)
I	.100 (2.5)	.100 (2.5)	.100 (2.5)

DIMENSIONS IN INCHES (MILLIMETERS)

SPECIFICATIONS

Rated Power*
Wavelength
Power Stability

M2
Beam Size (Near Field)
Beam Divergence (Full angle)
Beam Ellipticity (Near Field)
Polarization
Pointing Stability
Optical Pulse Rise or Fall Time
Optical Modulation
Modulation Signal Type
Internal Tickle
Tickle Frequency
Tickle Pulse Width
Cooling
Weight
Environmental
Ambient Temperature (Operational)
Relative Humidity
Power Requirements
DC Input Voltage
RMS Current (CW, Including Fan)
Inrush Current

UL-45/50

45 or 50 watt
10.6 μ
+/-5% after 15 minutes of
CW operation
1.4+/- .2
4+/-1mm
5+/-1mR
<1.4:1
Linear (Perpendicular to the laser base)
200 μ R
120+/-40 μ S
100% up to 5KHz
TTL Compatible
On/Off, Dipswitch Adj.
1-6KHz
0-6 μ S
Air (built in)
26lbs. (12kg)
50-95 ° F (10-35 ° C)
<90% (Non-condensing)
48.0 VDC
18 A
70 A, 150 μ S

