

L50(300)A-IPL PN 7Z02651

400mW to 300W

Features

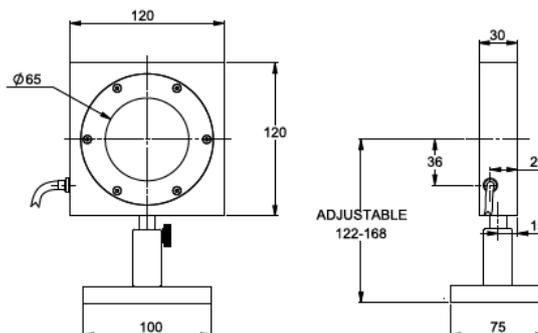
- Thin profile, very large aperture

L50(300)A-IPL



Model	L50(300)A-IPL
Use	Intense pulsed light sources
Absorber Type	LP1 + coated window ^(a)
Spectral Range μm	0.5 – 1.3
Aperture mm	$\varnothing 65\text{mm}$
Power Mode	
Power Range	400mW - 300W
Maximum Intermittent Power	300W for 2min, 150W for 4.5min , 50W continuous
Power Scales	300W / 30W
Power Noise Level	20mW
Maximum Average Power Density kW/cm^2	23 at 300W 75 at 50W
Response Time with Meter (0-95%) typ. s	3
Power Accuracy +/-%	6 for most gel or air coupled IPL sources
Linearity with Power +/-%	1
Energy Mode	
Energy Range	120mJ – 300J
Energy Scales	300J / 60J / 6J
Minimum Energy mJ	120
Damage Threshold	Maximum Energy Density J/cm^2
<100ns	0.05
1 μs	0.3
0.5ms	20
2ms	40
10ms	100
Energy Accuracy +/-%	8 for most gel or air coupled IPL sources
Cooling	convection / ballistic
Weight kg	1.0
Version	
Part number	7Z02651
Notes: (a)	Sensor has a window for gel coupled IPL sources where IPL source is coupled to window with gel or water for measurement. Can also measure air coupled IPLs

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