

SPECIFICATIONS

PERFORMANCE VS WAVELENGTH

Wavelength (nm) 266

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	110
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*Active Aperture: Aperture over which performance specifications apply.

Technical drawing of a mechanical assembly, showing multiple views and dimensions in inches and millimeters.

Top View Dimensions:

- Overall width: 4.93 [125.1]
- Overall height: 3.59 [91.2]
- Left side hole spacing (from top): 2.13 [54.2]
- Right side hole spacing (from top): .66 [16.7]
- Internal hole spacing (from top): 2X .87 [22.1]
- Bottom hole spacing (from left): 15X SMC

Front View Dimensions:

- Overall width: 1.42 [36.0]
- Overall height: 2.05 [52.2]
- Top hole spacing (from top): 2X M5 X .8 $\varnothing$.38 [9.7]
- Internal hole spacing (from top): .75 [19.0]
- Internal hole spacing (from top): .37 [9.5]
- Internal hole spacing (from top): 1.03 [26.1]
- Internal hole spacing (from top): .27 [7.0]
- Internal hole spacing (from top): .89 [22.6]
- Bottom hole spacing (from bottom): 14X .04 [0.9]

Side View Dimensions:

- Overall width: 2.20 [55.8]
- Overall height: 1.04 [26.4]
- Internal hole spacing (from top): .04 [1.0]
- Internal hole spacing (from top): 15X .03 [0.7]

Callouts:

- 2X TIE DOWNS M3.5 $\varnothing$ 6.6mm FRONT & BACK
- BRAGG PIVOT, $\varnothing$ 3.2 $\varnothing$ 6.6mm FRONT & BACK

Isometric View:

Isometric view of the assembly, showing the overall shape and the location of the tie downs and Bragg pivot.

08/03/18

Number of Channels: 15; Channel Pitch: 0.90mm.
Contrast Ratio is measured at 2.0 watts, MAXIMUM DRIVE POWER into device with all channels 'on' is 40 watts (2.5w per channel) with water cooling.
Device is water cooled.
Channel Crosstalk: <-25dB, one channel 'off' all others 'on'.
Acousto-Optic Operation: First Order.
Distance to Output face of crystal to the edge of the housing will be minimized.
Connectors: SMC Blk Hd mount straight male jack.
Coolant flow rate: 0.1gpm @ 25 degree C.

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TOLERANCES: XX ± .01 .XXX ± .005	DR	Gerl Scholz 7/31/2018			
MATERIAL:	CHK		DESCRIPTION: AOMC 300/15 "Z" Axis Quartz		
FINISH:	APP				
	APP		PART NUMBER: 97-03408-01	REV: 1	SHEET 1 OF 1