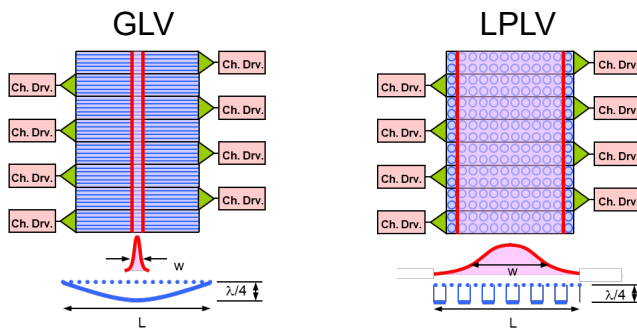


1088 Channel Linear PLV Module

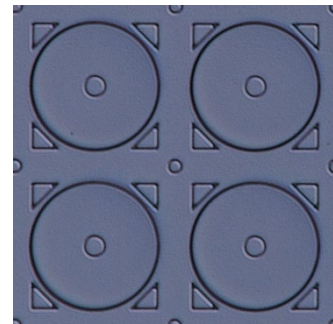
Model Number: P1088-HS

Features

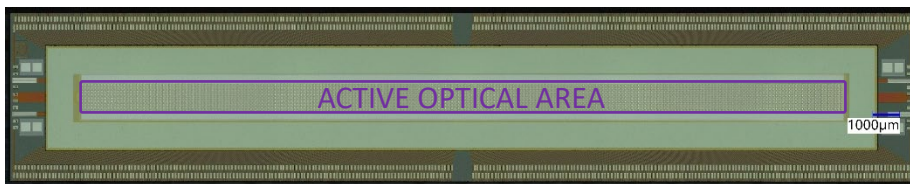
- The Linear PLV supports high power applications
- Planar Light Valve diffracting elements are used to create a larger active area
- Compatible with the Cosmo controller board to load and run up to 131k columns of 10-bit amplitude data at 100 kHz column rate
- Available in visible and NIR versions



The LPLV accepts a much wider input beam than the GLV



LPLV element top view



LPLV die showing
27.7 x 1.020 mm
optical array area

Linear PLV Module Specifications

Max Optical Power	800W 1064nm CW
Modulation Frequency	100 kHz
Amplitude Levels	1024 (10-bit)
Grating Pitch	25.5 µm
Number of Pixels	1088
Pixel Size	25.5 µm wide x 1020 µm tall
Array Size	27.7 mm wide x 1.020 mm tall