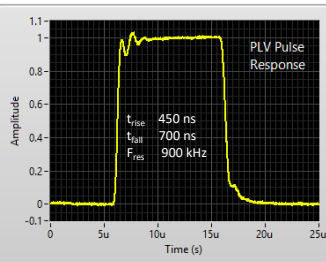
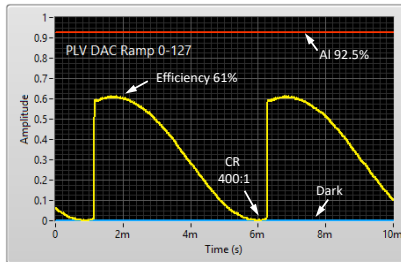
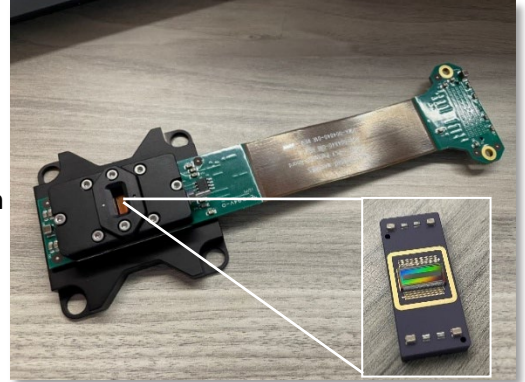


32 x 256 Channel PLV Module

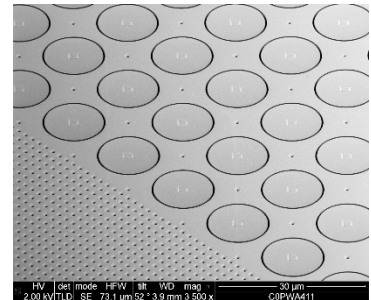
Model Number: P8192

Features

- 2D amplitude spatial light modulator.
- 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 64k frames of 7-bit amplitude data at 250 kHz frame rate.
- Available in UV and visible wavelength.
- Phase modulator version available see D8192.



IV Curve and Pulse Response



PLV Piston design top view



Great uniformity demonstrated with uncalibrated checkerboards.

PLV Module Specifications

Modulation Frequency	250 kHz
Amplitude Levels	128 (7-bit)
Grating Pitch	16 μm
Number of Pixels	32 x 256 pixels
Pixel Size	32 μm wide x 32 μm tall
Array Size	8.192 mm wide x 1.024 mm tall