Proline PL39000M Testing

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Testing Overview

- A PL39000M (monochrome) camera from FLI was tested using Photon Transfer Methods
- The KAF39000M sensor has dual output amplifiers: so two sets of curves were measured to characterize both sides of the array
- Parameters Measured: Read Noise, Full Well, Kadc, PRNU, DSNU (for each side of array)

Results

	Left side	Right Side	Units
Read Noise	11.7	11.7	electrons
(7.5MHz readout/ADC, 14MHz overall)			
Kadc	0.9	0.9	e-/DN
PRNU	0.33	0.33	percent
DSNU	125	111	percent
Full Well onset	58,307	56,836	electrons



