

Datasheet: imec CMV2K LSI50 470-900

Imec sensor part nr.	360-0005-01
Bandpass filter type	round glass designed for in-camera integration
- Diameter	25mm
- Thickness	0.7mm
Detection range	470 – 900 nm
- Nr of samples	150
- Lines per band	5
- FWHM	~ 10 – 15 nm
Camera category	linescan VNIR
Base imager	AMS CMV2000
- Spatial resolution	2048x1088
- Frame rate	Up to 340 fps
- Pixel pitch	5.5 µm
- Bit depth	8 or 10 bit
Predecessor	imec CMV2K LSI00 600-975 (P.N. 350-0002-01)
Status	Discontinued (June 1 st , 2023) Units still available upon request

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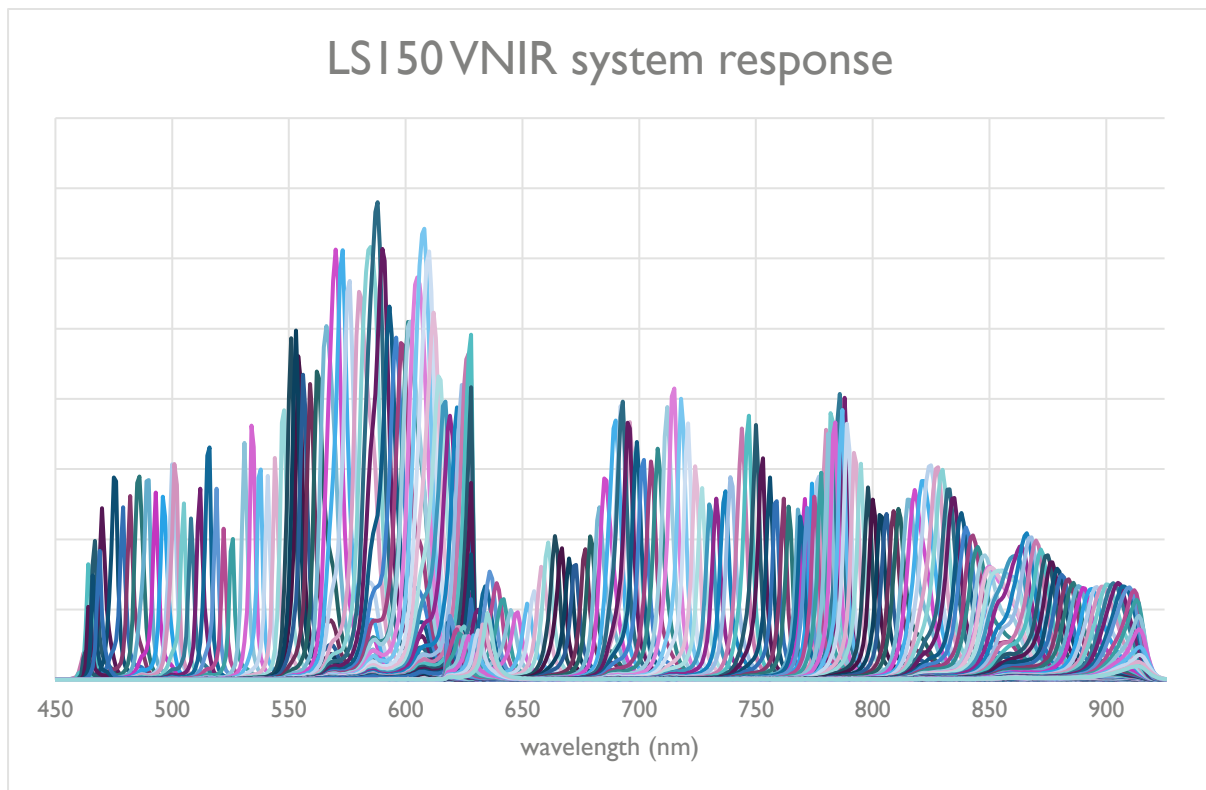


Figure 1. Example of a linescan VNIR system response graph

Space qualification:

Our off-the-shelf sensors have not been designed for space applications and did not pass a complete space-qualification process according to f.i. ESCC specification. Contact us for custom sensor development with your specific qualification needs for use in space (export control license requirements may apply).

More information

- hsisales@imec.be
- <http://www.imechyperspectral.com>

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