

## Datasheet: imec CMV2K LSI00 600-975

<b>Imec sensor part nr.</b>	350-0002-01
<b>Bandpass filter type</b>	Not included <sup>1</sup>
<b>Detection range</b>	600 – 975 nm (not all unimodal band response) <ul style="list-style-type: none"> <li>- 600 – 875nm (unimodal response per band)</li> <li>- 700 – 975nm (unimodal response per band)</li> </ul>
- <b>Nr of samples</b>	80 to 100, depending on bandpass filter
- <b>Lines per band</b>	8
- <b>FWHM</b>	~ 10 – 15 nm
<b>Camera category</b>	linescan NIR
<b>Base imager</b>	AMS CMV2000
- <b>Spatial resolution</b>	2048x1088
- <b>Frame rate</b>	Up to 340 fps
- <b>Pixel pitch</b>	5.5 µm
- <b>Bit depth</b>	8 or 10 bit
<b>Status</b>	Active

<sup>1</sup> customized filter glass designed for in-camera integration available for large volumes

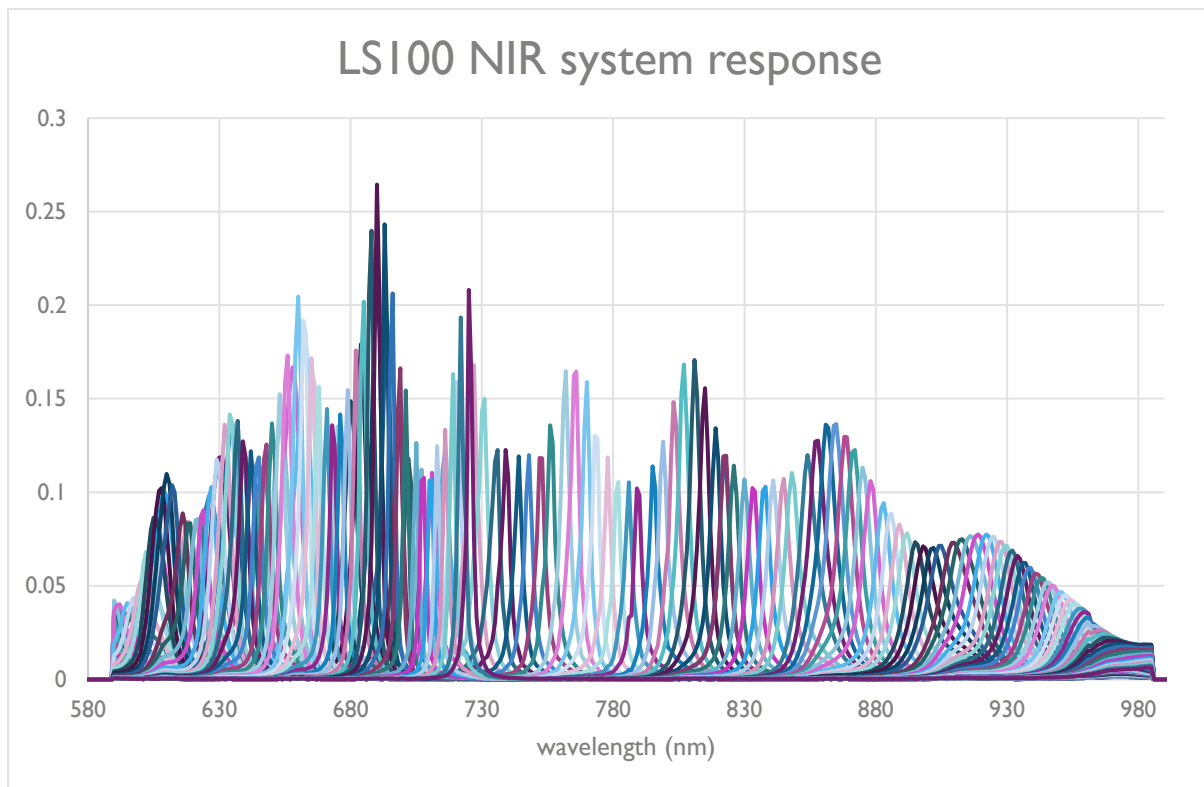


Figure 1. Example of a linescan NIR system response graph

### 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

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