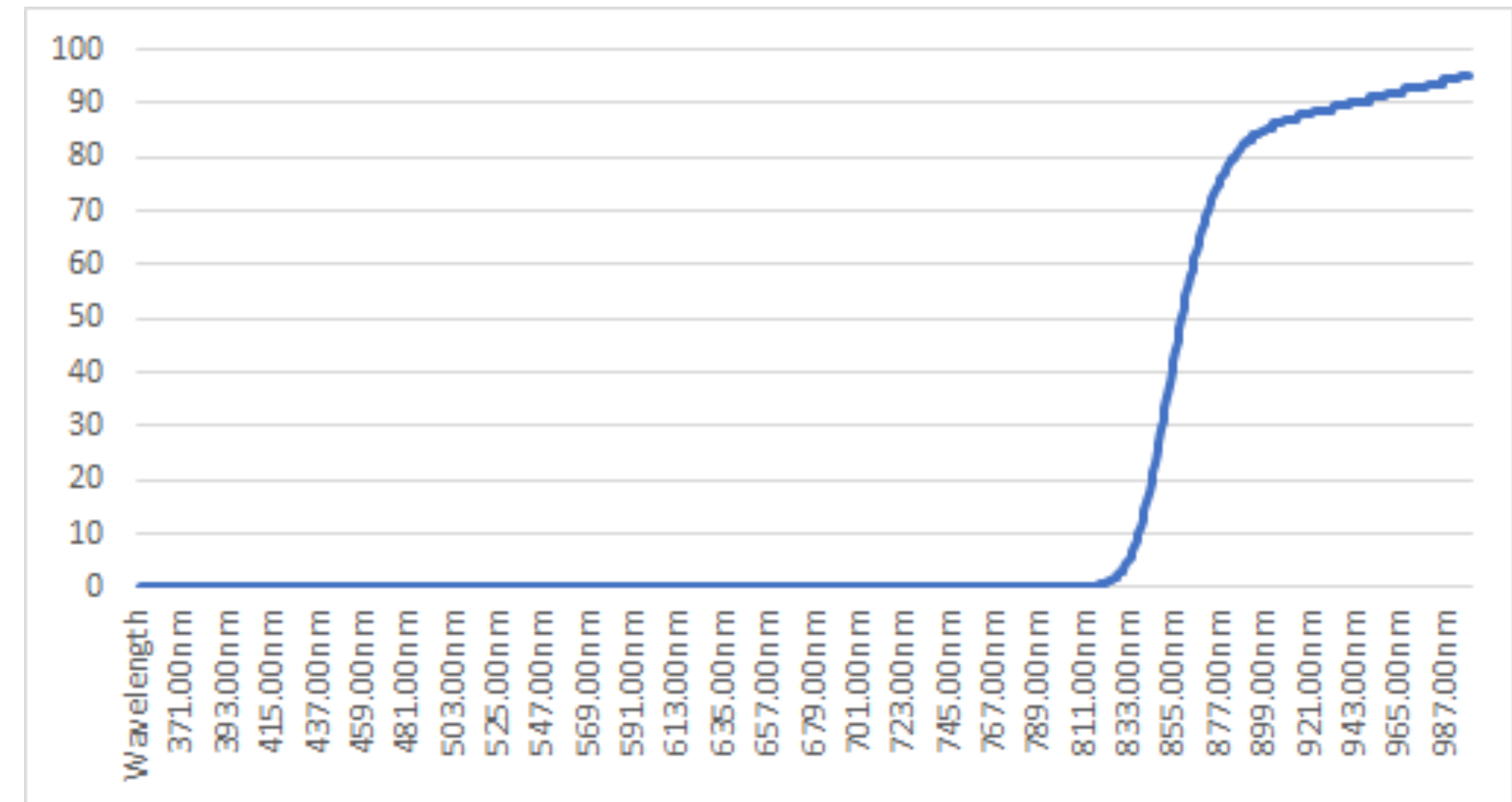
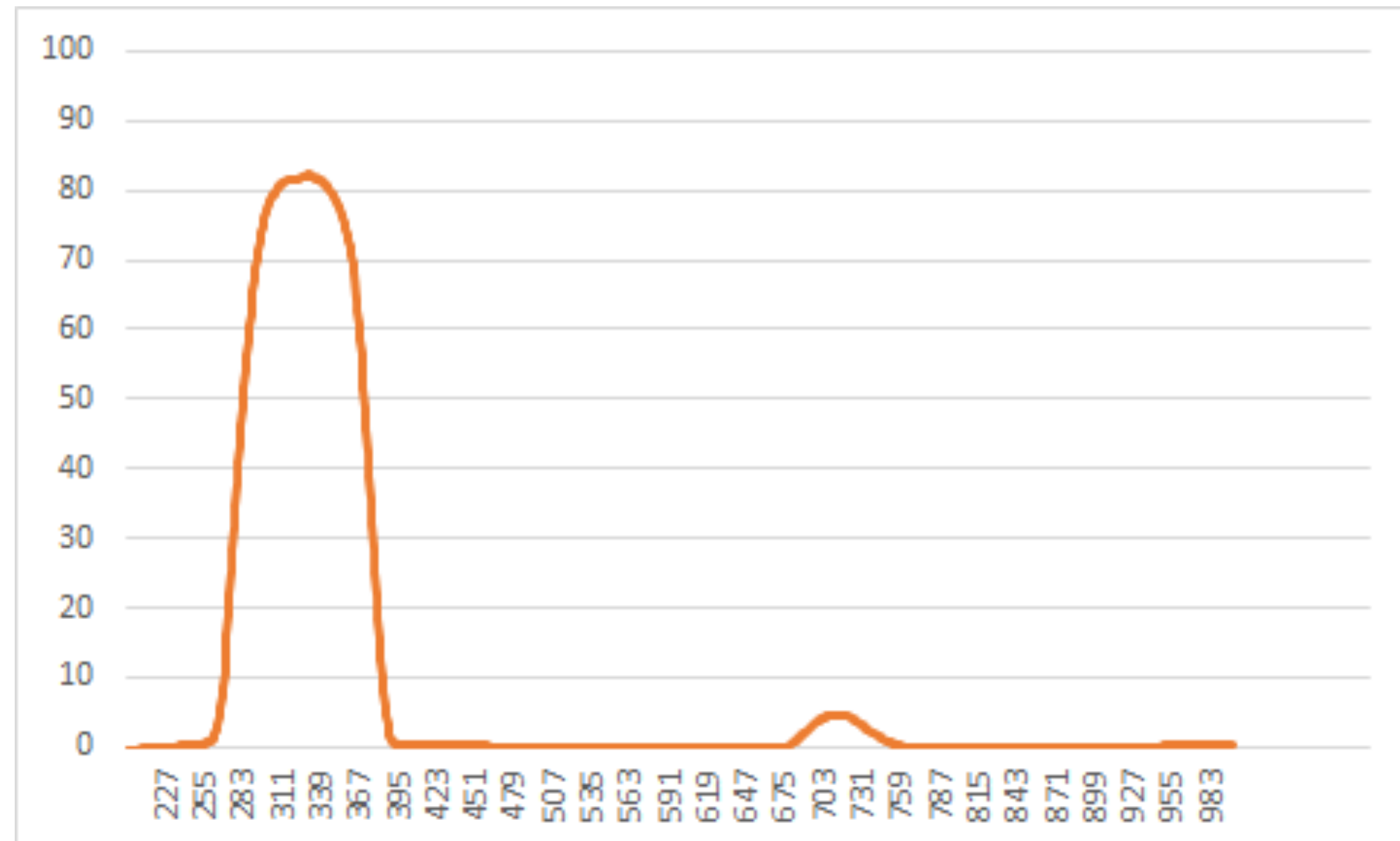


Transmission curves

Kolari Vision KV-FL1 UV & IR Flash Cup Filters



- a. UV Reflected image - 0.15% maximum out of band signal
- b. Visible reflected image - less than 1% out of band signal
- c. IR Reflected image - less than 1% out of band signal
- d. UV Induced fluorescence in visible range - Can be achieved using UV flash, and Hot mirror lens filter. ~1% IR leak from the UV flash.
- e. Visible Induced fluorescence in IR Range - Requires separate visible lighting to induce the fluorescence, IR range can be isolated with IR filters provided.
- f. UV Induced fluorescence in IR range - Would need dedicated UV LED illumination to eliminate IR leak further.

Note: The data is pulled from the manufacturer's spectrometer and Kolari's inhouse spectrometer. The extracted RAW data is graphed in Microsoft excel.