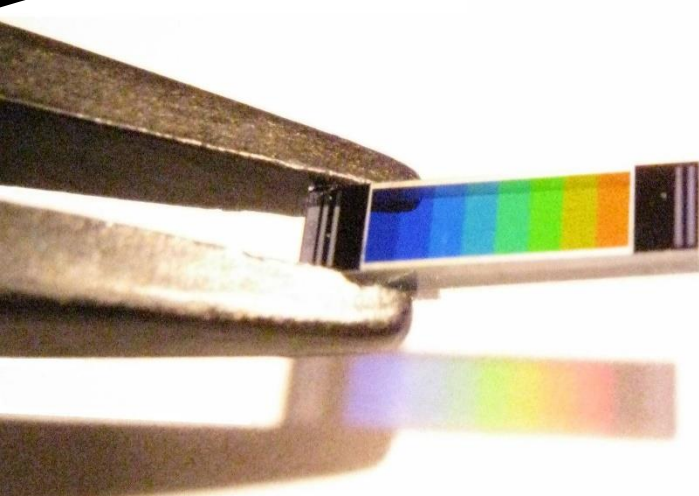


COLOR SHADES CHIP-8

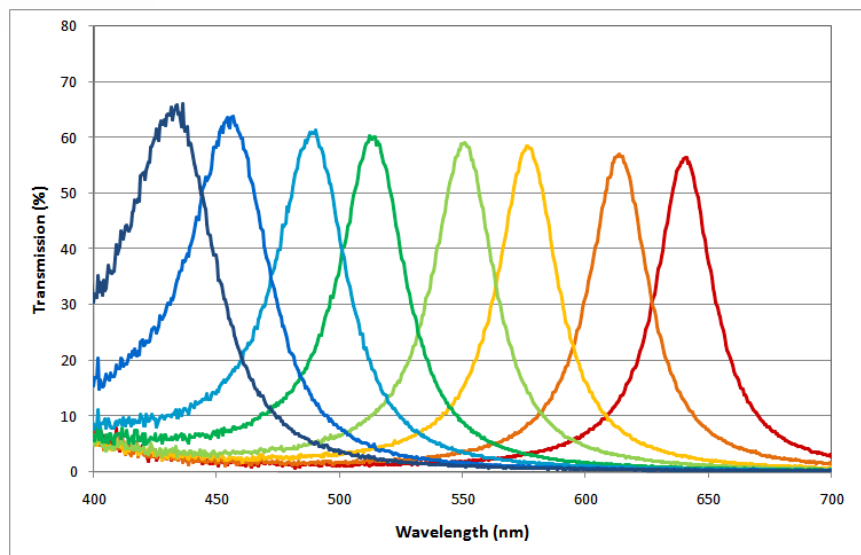
8 Band Multispectral Filter for the VIS/NIR Range



SILIOS Technologies proposes in OEM an off the shelf 8 band pass filter optical chip which fits to 1D CMOS sensor for colorimetry applications.



This visible range optical chip technology can be tailored to fit any 1D sensor and even 2D sensor geometry and allow a customer to develop its own colorimeter or multi-spectral imaging system in the visible range (custom Bayer matrix with 2x2, 3x3 or 4x4 colors and also 1x16 wavelengths). It can be adapted to any application requiring an analysis in the visible range.



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COLOR SHADES CHIP-8

8 Band Multispectral Filter for the VIS/NIR Range

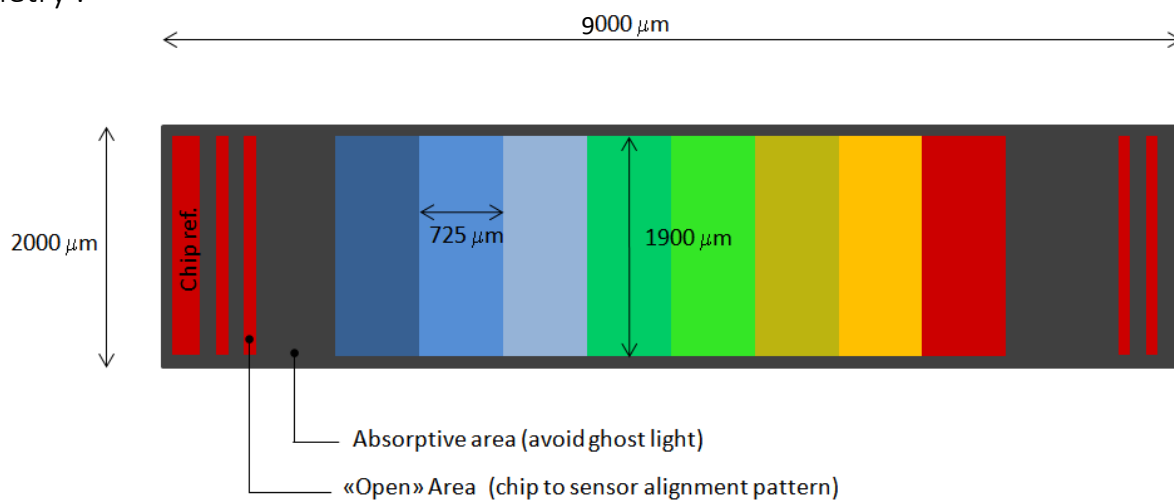


Specifications :

Physical specifications	
Size	9x2 mm ² ± 0.1 mm
Thickness	1 mm ± 0.1 mm

Spectral specifications	
Spectral Ranges	430-700 nm / 550-830 nm / 650-930 nm
Number of Bands	8
Channel Bandwidth (FWHM)	20-40 nm
Centering Accuracy	± 10 nm
Transmission	> 50%

Geometry :



Supply:

Each filter is supplied with a test report indicating for each channel:

- the centering (nm)
- the transmission (%)
- the bandwidth FWHM (nm)



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