



LETO-3 Phase Only LCOS SLM

The LETO-3 phase only Spatial Light Modulator models are based on reflective LCOS microdisplays with 1920 x 1080 pixel resolution and 6.4 μm pixel pitch.

The LETO-3 Phase only Spatial Light Modulator is our fast SLM platform with high band width. The SLM is capable of color sequential phase operation.

The LETO-3 SLM driver is prepared to work in color-field-sequential (CFS) mode e.g. with color-switchable LASER or LED lighting and the device features an LED-connector which can be used to synchronize the light source with the device. The driver features 4 slots with preconfigured CFS configurations for different environments which can be selected using the Configuration Manager Software.

We offer three different LETO-3 Spatial Light Modulator versions which are optimized for the use at different wavelength ranges / for different applications. One SLM version is optimized for the visible range, one version for the near IR range up to 1100 nm and a third version is optimized for fast response (180 Hz) and use for color-field-sequential (CFS) operation in the visible range with color-switchable RGB Laser.

You can find more information on the devices, information on software and reference publications at <https://holoeeye.com/products/spatial-light-modulators/leto-3-phase-only/>.

Key Features:

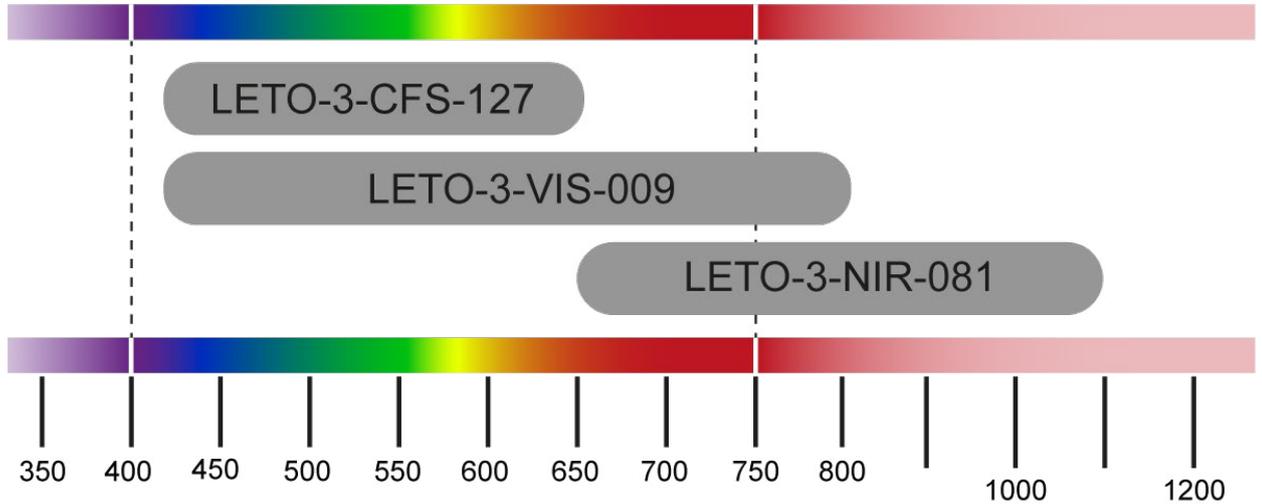
- Easy plug and play
- Color Field Sequential version available
- Compact design
- Superior software

Why Use LETO-3 SLM's from Laser Components USA?

- High quality performance
- Product spectral ranges between 420 nm to 1100 nm
- Customization options available
- Exceptional technical support (through HOLOEYE Germany)



Specification Table



Device	λ Range	Maximum Phase	Average Refl.
LETO-3-CFS-127	420 – 650 nm	min 2π @ visible range	70%
LETO-3-VIS-009	420 – 800 nm	2.2π @ 800 nm	67%
LETO-3-NIR-081	650 – 1100 nm	2.4π @ 1064 nm	65%