



UV band-pass filter - UL365S

1. Features

- UV band-pass black filter, UV transmitting, Visible absorbing
- High performance of solarization for high energy UV lamp and UV LED
- Thermal tempering is available
- Maximum dimensions: 400 (W) X 500 (L) with tempering
- Potential applications include fluorescent flaw detection, biomedical, entertainment and UV curing

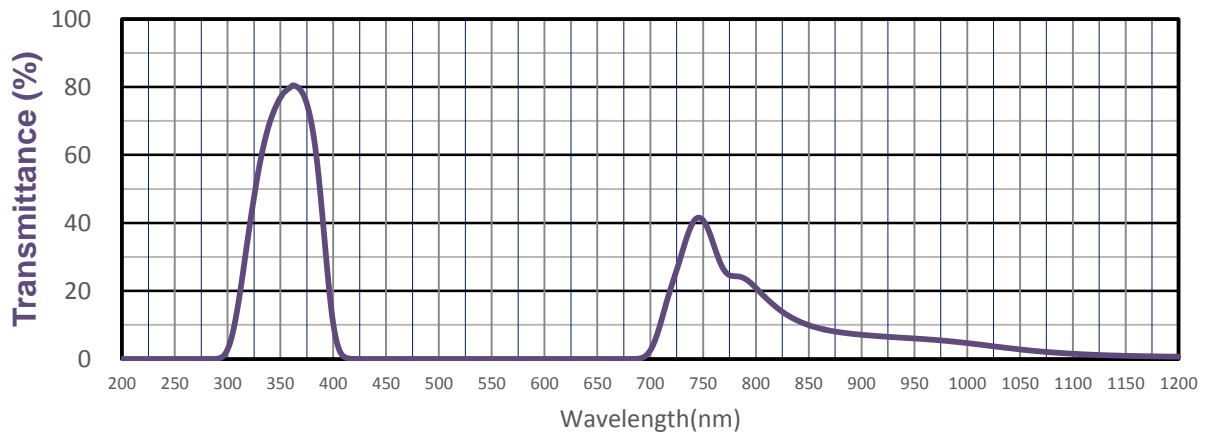
2. Spectral Transmittance

UL365S transmits in UV region and blocks visible region very well

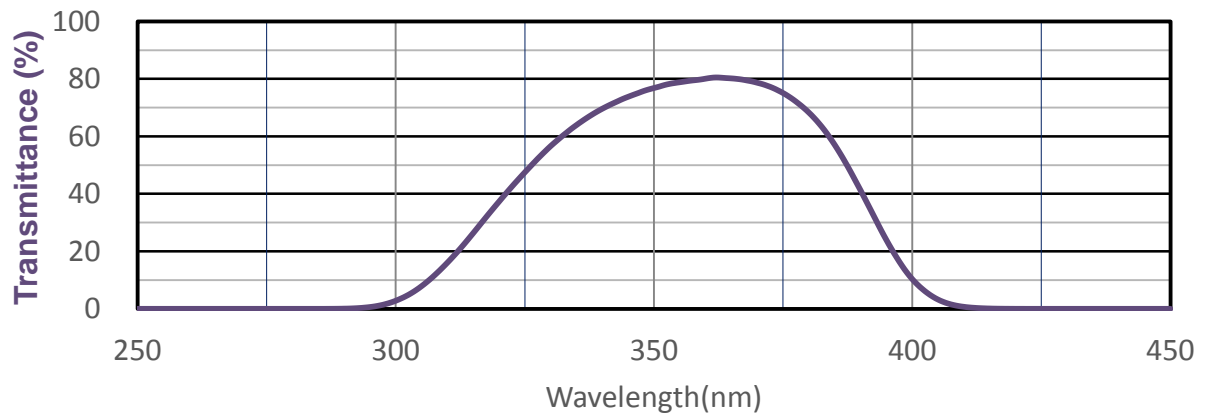
Standard Thickness: T3.25mm (Customized thickness is available)

T365nm	T405nm	T694nm	T750nm
T>73%	T<7%	T<3%	T<45%

Transmittance (200nm-1200nm)



Transmittance (250nm-450nm)



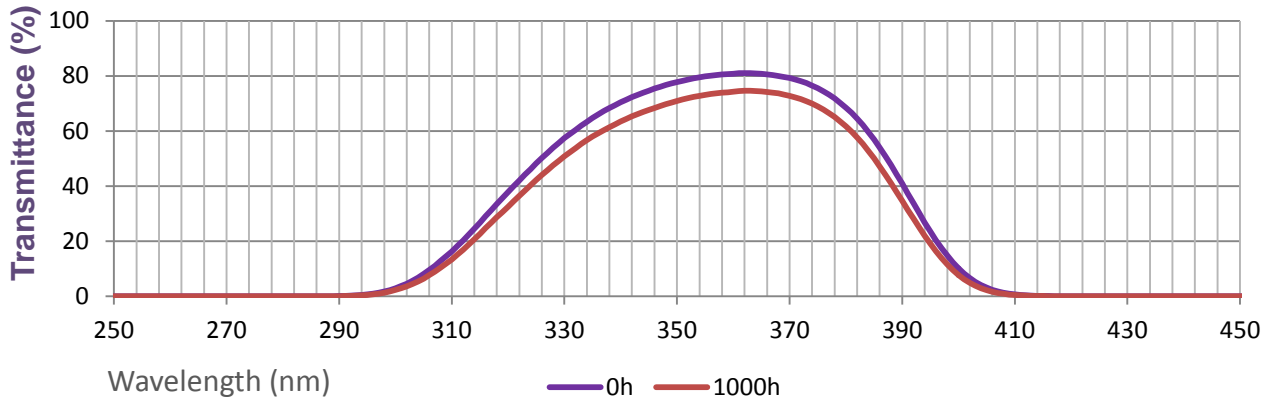
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3. Solarization

Even after exposed to very high intensity UV light, peak will degrade very little

*750W ultra-high pressure mercury lamp

Exposed time: 1000hours



4. Humidity Test

HOYA UL365S has the better performance than the other equivalent glass. Surface condition under harsh environment will not change at all.

*Condition: 65degrees C/90% RH

0H	50H	100H
OK	OK	OK

500H	1000H
OK	OK

5. Hazardous Substances

HOYA UL365S complies with RoHS Directive (2011/65/EU) and does not contain harmful substances -Lead, Cadmium, Arsenic.