

# UV-C Bandpass Filter – UL254S

## 1. Features

- Excellent transmittance UV-C bandpass filter, UV transmitting, Visible absorbing
- High performance of solarization for high energy UV lamp and UV LED
- Maximum dimensions: 300 (W) X 400 (L)
- Potential applications include: Sterilization, UV Fluorescent Analysis (Biomedical, Minerals etc.)

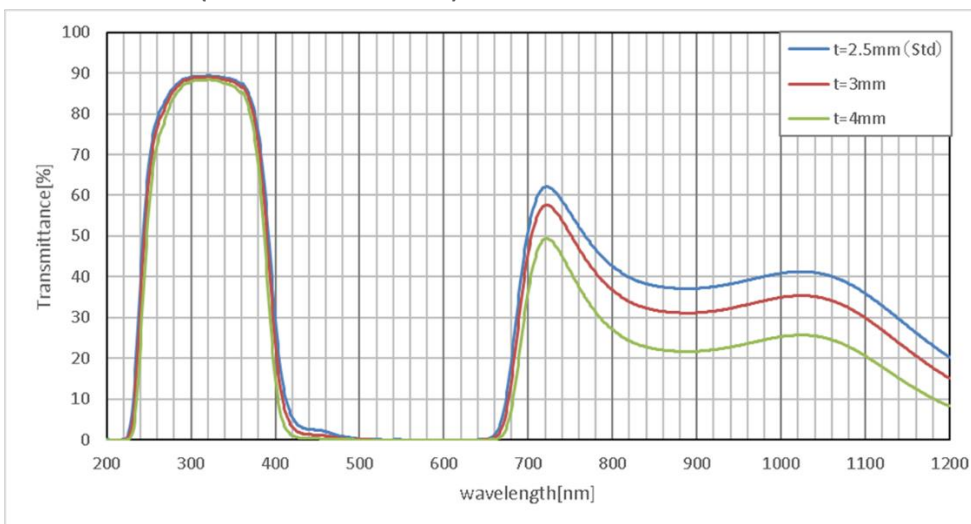
## 2. Spectral Transmittance

UL254S transmits in UV region and blocks visible region very well

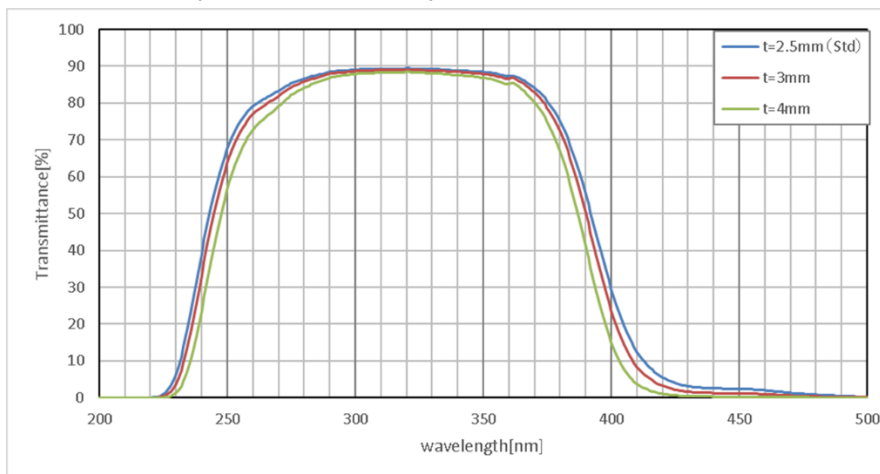
Standard Thickness: T2.5mm (Customized thickness is available)

T254nm	T310nm	T365nm
≥70%	≥85%	≥83%

Transmittance (200nm-1200nm)



Transmittance (200nm-500nm)



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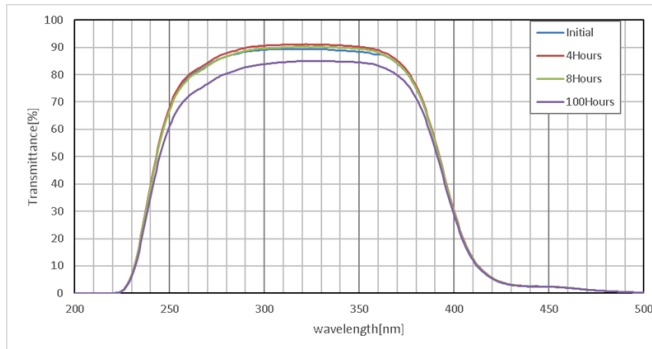
## 3. Solarization

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

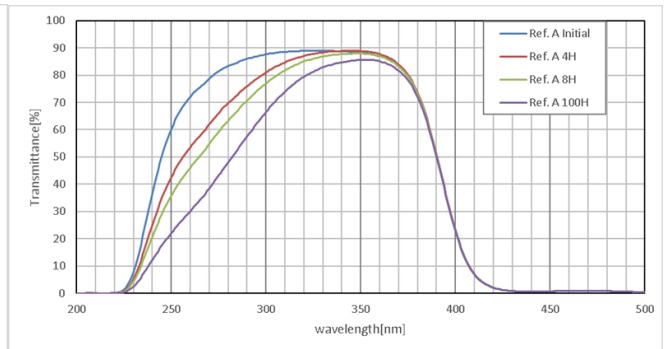
\*Ultra-high-pressure mercury lamp 50mW/cm2(@365nm)

Exposed time: 100hours

HOYA UL254S

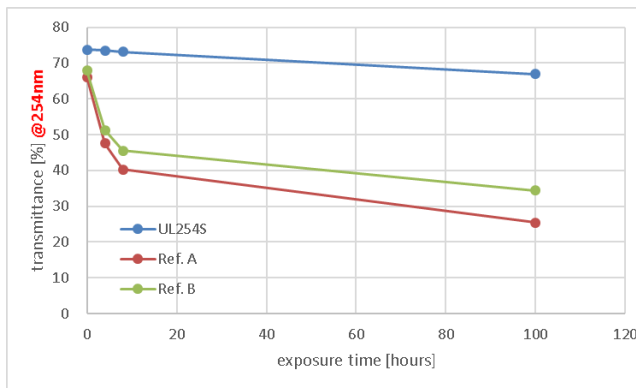


Competitor's products

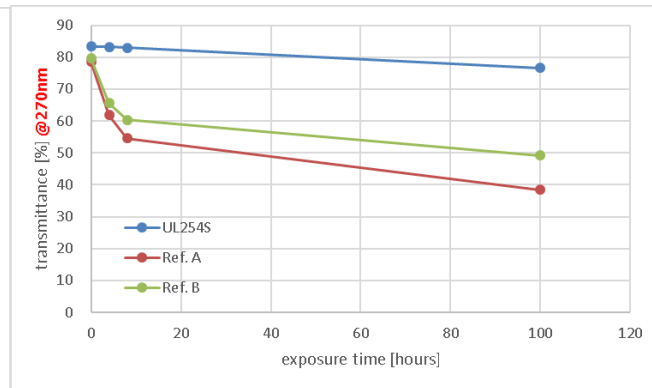


### Transmittance deterioration for specific wavelength:

@254nm



@270nm



## 4. Hazardous Substances

HOYA UL254S complies with RoHS Directive (2011/65/EU) and does not contain harmful substances -Lead, Cadmium, Arsenic.