

## UV CUT / UV Block / UV Stop Filters

### Overview

UV CUT Filters  
 UV Blocking  
 Filters  
 UV STOP Filters

**Key Features**

UV Cut filter can reflect or absorb UV light(wavelength) while visible light high transmittance.

**Applications**

- Lighting.
- Optical Equipments.
- Museum Lighting.
- Filters for Photography.

#### UV CUT Filters

▽YL-UVCUT-370nm ▽YL-UVCUT-400nm ▽YL-UVCUT-425nm

### Specifications

**ITEM NO: YL-UVCUT-370nm**

**Spectral Characteristics**

- T50%=370 +/- 15nm
- Tave>88% @ 450-700nm
- Tave<1% @ 200-340nm

**Physical Characteristics**

- Thickness
- Glass: 1.1mm
- Tempered Glass: 2, 3, 4, 5mm
- Borosilicate: 1.1mm
- Dimension
- Square: 10\*10 ~ 220\*220mm
- Round: 10 ~ 210mm

**Resistant Temperature**

- Glass: 150 celsius
- Tempered Glass: 250 celsius
- Borosilicate: 450 celsius

[www.YesLED.com](http://www.YesLED.com)

**ITEM NO: YL-UVCUT-400nm**

**Spectral Characteristics**

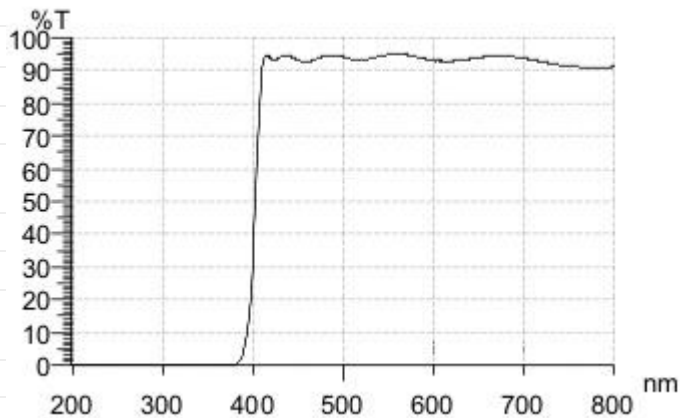
T50%=400 +/- 15nm  
 Tave>85% @ 450-700nm  
 Tave<1% @ 200-380nm

**Physical Characteristics**

**Thickness**  
 Glass: 1.1mm  
 Tempered Glass: 2, 3, 4, 5mm  
 Borosilicate: 1.1mm  
**Dimension**  
 Square: 10\*10 ~ 220\*220mm  
 Round: 10 ~ 210mm

**Resistant Temperature**

Glass: 150 celsius  
 Tampered Glass: 250 celsius  
 Borosilicate: 450 celsius



**ITEM NO: YL-UVCUT-425nm (400nm cut off)**

**Spectral Characteristics**

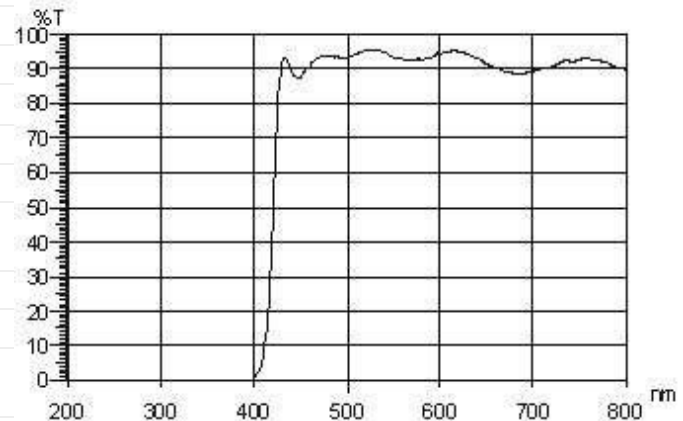
T50%=425 +/- 15nm  
 Tave>85% @ 460-700nm  
 Tave<1% @ 200-400nm

**Physical Characteristics**

**Thickness**  
 Glass: 1.1mm  
 Tempered Glass: 2, 3, 4, 5mm  
 Borosilicate: 1.1mm  
**Dimension**  
 Square: 10\*10 ~ 220\*220mm  
 Round: 10 ~ 210mm

**Resistant Temperature**

Glass: 150 celsius  
 Tampered Glass: 250 celsius  
 Borosilicate: 450 celsius



**Information and Notes**

- 1. UV CUT filters with 28 thin film layers which vacuum-deposited on substrate.
- 2. UV CUT filters are designed with 0°of incidence angle, the larger incidence angles shift the characteristics to long wave side.
- 3. Coating by PVD-EBGE (Physical Vapor Deposition-Electron Beam Gun Evaporation) .
- 4. Non-standard size filters are also available upon request.
- 5. The transmittance curves are measurements at 0°of incidence angle.
- 6. The transmittance curves are based on actual measurements and may be different with manufacturing lots.