

# Options

## Lens Filters

Refer to our website for product details.

CCS filters

Search



You can also use your smartphone or cell phone.

For quick access.



Sharp-cut filter



Blue filter



Polarizing filter



Ultraviolet cutting filter



Ultraviolet transmission filter

### Sharp-cut filters

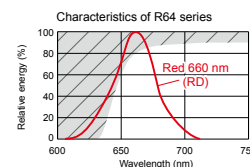
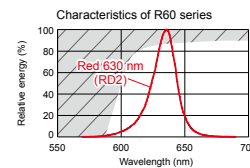
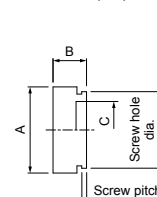
Mounted in front of a lens, the R60 series blocks light of 600 nm max., and the R64 series blocks light of 640 nm max., and both transmit the light in a wavelength longer than these.

#### R60 series

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
R60-16	M16.0	P0.5	Ø18	7	Ø12
R60-25	M25.0		Ø27.5		Ø21
R60-27	M27.0		Ø28.5		Ø23
R60-30	M30.5		Ø32		Ø27

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
R60-40	M40.5	P0.5	Ø42	7	Ø36.5
R60-46	M46.0	P0.75	Ø48		Ø41.5
R60-C	For C-mount attachment		Ø30	9	Ø20.1

• Dimensions (mm)



Light is transmitted in the white range.

#### R64 series

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
R64-16	M16.0	P0.5	Ø18	7	Ø12
R64-25	M25.0		Ø27.5		Ø21
R64-27	M27.0		Ø28.5		Ø23
R64-30	M30.5		Ø32		Ø27

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
R64-40	M40.5	P0.5	Ø42	7	Ø36.5
R64-46	M46.0	P0.75	Ø48		Ø41.5
R64-C	For C-mount attachment		Ø30	9	Ø20.1

### Blue filters

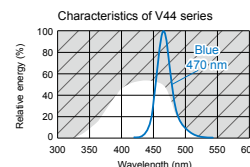
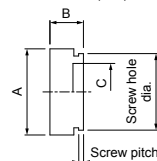
Mounted in front of a lens, the V44 series transmits the light in a band centered on 440 nm in a blue wavelength range from 350 to 520 nm.

#### V44 series

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
V44-25	M25.0	P0.5	Ø27.5	7	Ø21
V44-27	M27.0		Ø29.4		Ø23
V44-30	M30.5		Ø32		Ø27

Model name	Notes		Dimensions		
	Screw hole diam.	Screw pitch	A	B	C
V44-40	M40.5	P0.5	Ø42	7	Ø36.5
V44-46	M46.0	P0.75	Ø48		Ø41.5
V44-C	For C-mount attachment		Ø30	9	Ø20.1

• Dimensions (mm)



Light is transmitted in the white range.

### Polarizing filters

These filters attach to the threading for lens filters. They eliminate reflections and glare from the surface in combination with a polarizing plate installed on the Light Unit.

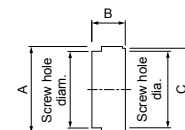
#### PL series

Model name	Notes		Dimensions			
	Screw hole diam.	Screw pitch	A	B	C	
PL-25	M25.0	P0.5	Ø27.4	9.3	Ø27.0	
PL-25-NL	M25.0		Ø30.5			12
PL-27	M27.0		Ø29.4			9.3
PL-27-NL	M27.0		Ø32			12
PL-30	M30.5		Ø32.4			9.3

Model name	Notes		Dimensions				
	Screw hole diam.	Screw pitch	A	B	C		
PL-30-NL	M30.5	P0.5	Ø32.0	12	Ø35.5		
PL-40	M40.5		Ø42.4			9.3	Ø42.0
PL-40-NL	M40.5		Ø42.0			12	Ø45.0
PL-46	M46.0		P0.75			Ø48.5	9.5

\*-NL\* models have a locking mechanism.

• Dimensions (mm)



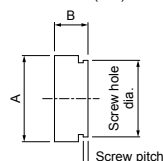
### Ultraviolet cutting filters

The L42 series blocks light of 420 nm max. and transmits the light in a wavelength longer than this.

#### L42 series

Model name	Notes		Dimensions	
	Screw hole diam.	Screw pitch	A	B
L42-25	M25.0	P0.5	Ø27.5	6.5
L42-27	M27.0		Ø28.5	
L42-30	M30.5		Ø32	
L42-40	M40.5		Ø42	
L42-46	M46.0		P0.75	

• Dimensions (mm)



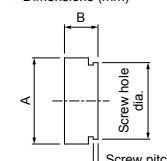
### Ultraviolet transmission filters

The U-340 series transmits light in a wavelength range from approximately 280 to 380 nm centered on 340 nm.

#### U-340 series

Model name	Notes		Dimensions	
	Screw hole diam.	Screw pitch	A	B
U340-25	M25.0	P0.5	Ø27.5	6.5
U340-27	M27.0		Ø28.5	
U340-30	M30.5		Ø32	
U340-40	M40.5		Ø42	
U340-46	M46.0		P0.75	

• Dimensions (mm)



#### Example of usage

External imaging of candy box

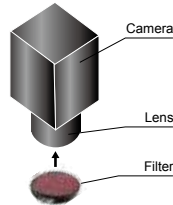


Sharp cut  
No filter

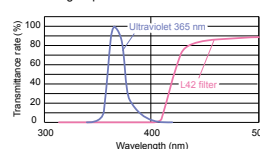


Sharp cut  
Using filter

#### Example installation



Comparison of characteristics of ultraviolet cutting filter and light spectrum of ultraviolet LED



Comparison of characteristics of ultraviolet transmission filter and light spectrum of ultraviolet LED

