

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

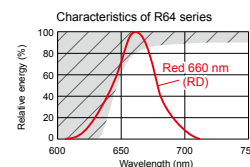
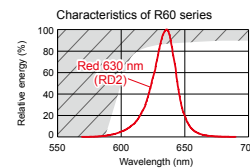
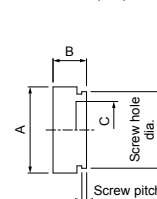
Mounted in front of a lens, the R60 series blocks light of 600 nm max., and the R64 series blocks light of 640 nm max., and both transmit the light in a wavelength longer than these.

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)



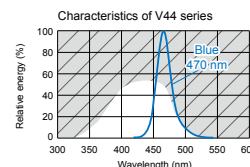
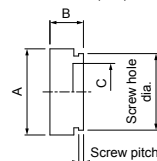
Light is transmitted in the white range.

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

• Dimensions (mm)



Light is transmitted in the white range.

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

With the V44 series, you cannot attach any other filters or lens attachment rings (MR series) on the workpiece side.

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.

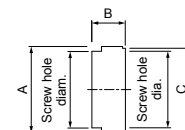
PL series

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	Ø28.5
PL-27-NL	M27.0		Ø32		12	Ø28.5
PL-30	M30.5		Ø32.4		9.3	Ø32.0

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)



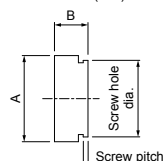
Ultraviolet cutting filters

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)



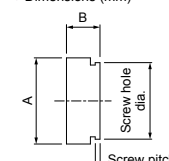
Ultraviolet transmission filters

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

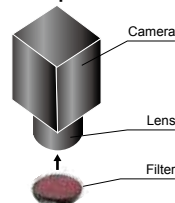


Sharp cut
No filter

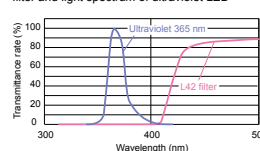


Sharp cut
Using filter

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

