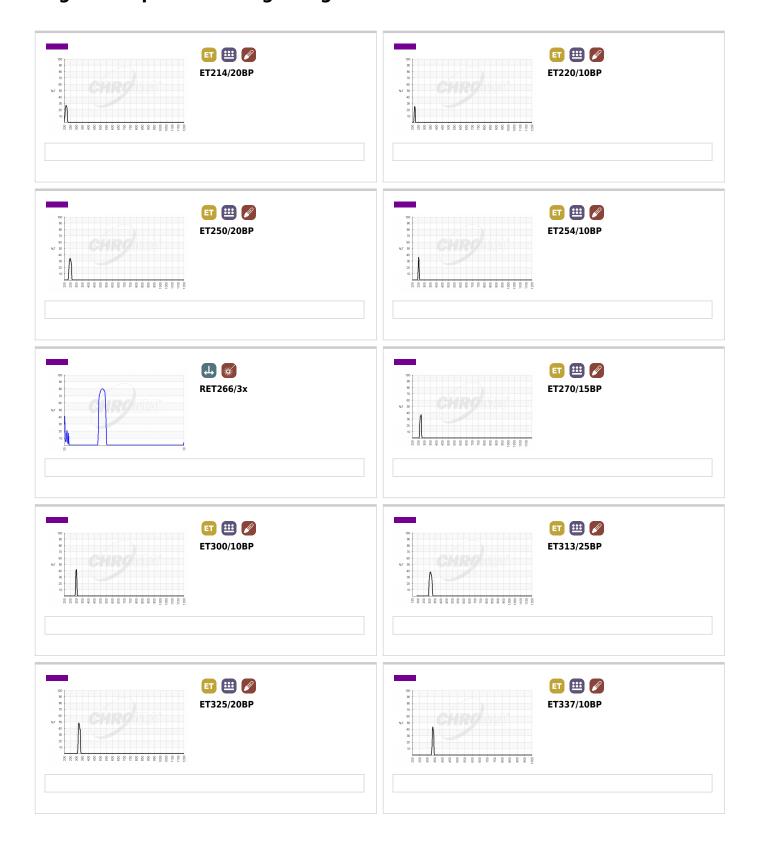
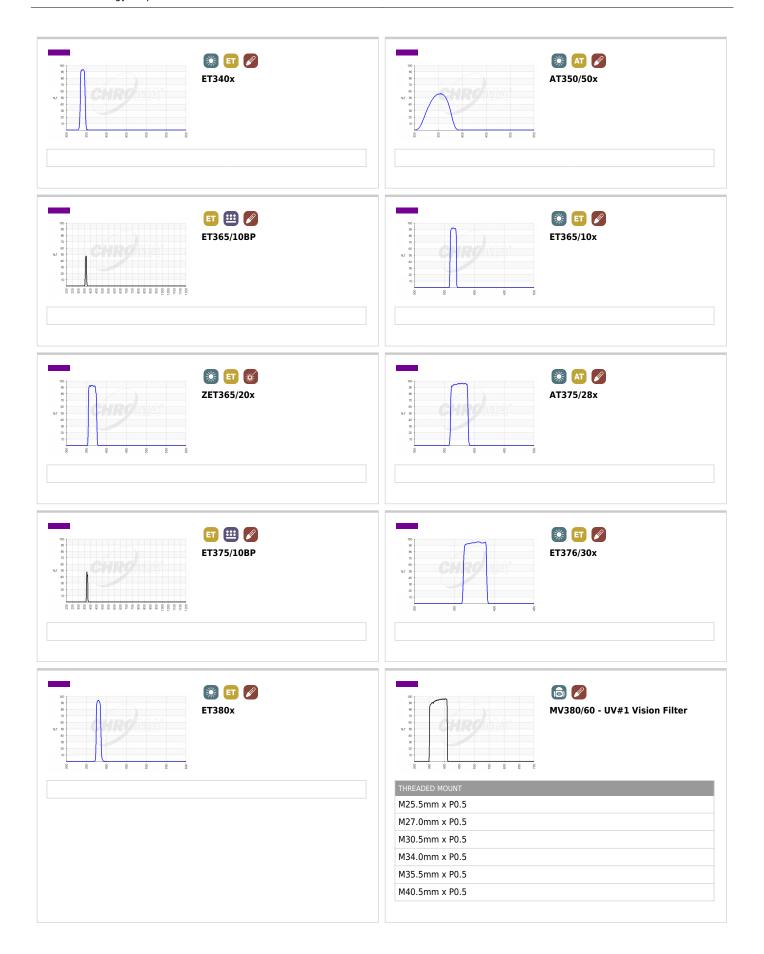
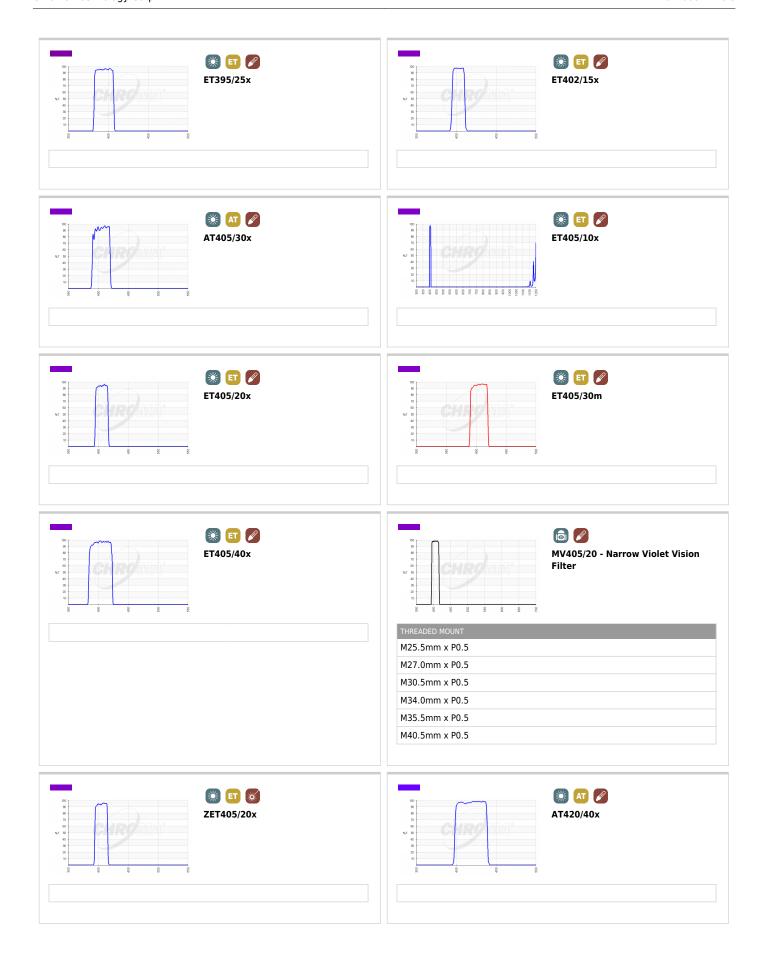
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

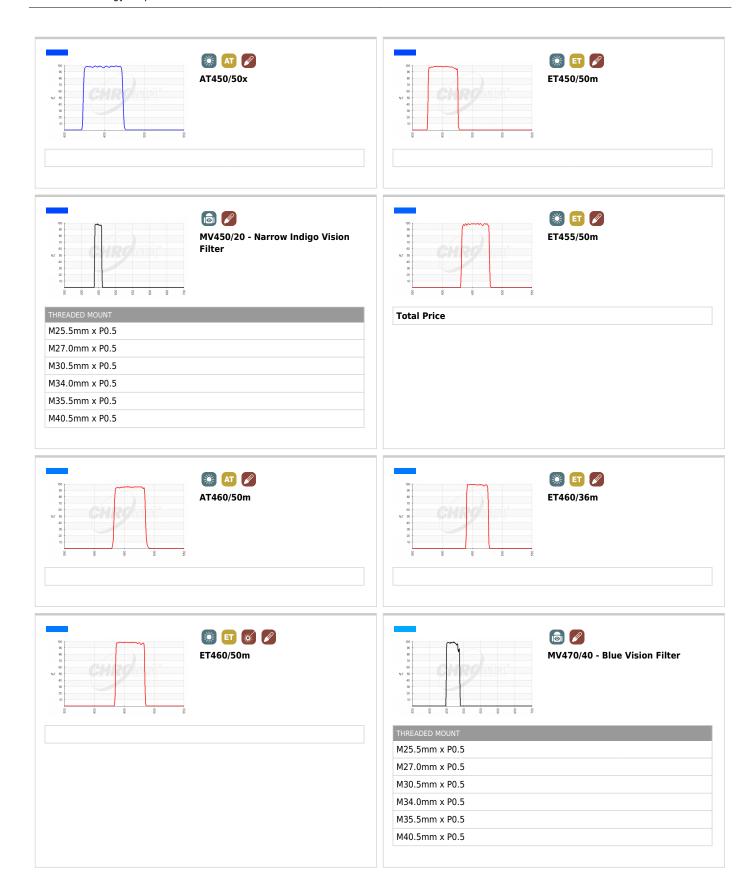
# Single Bandpass and Single Edge Filters



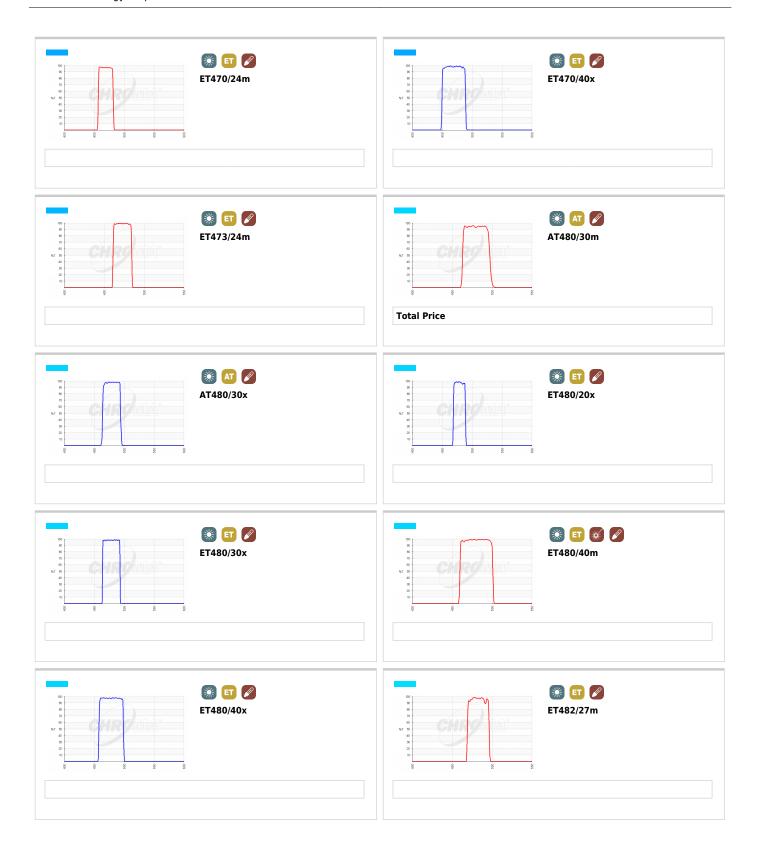


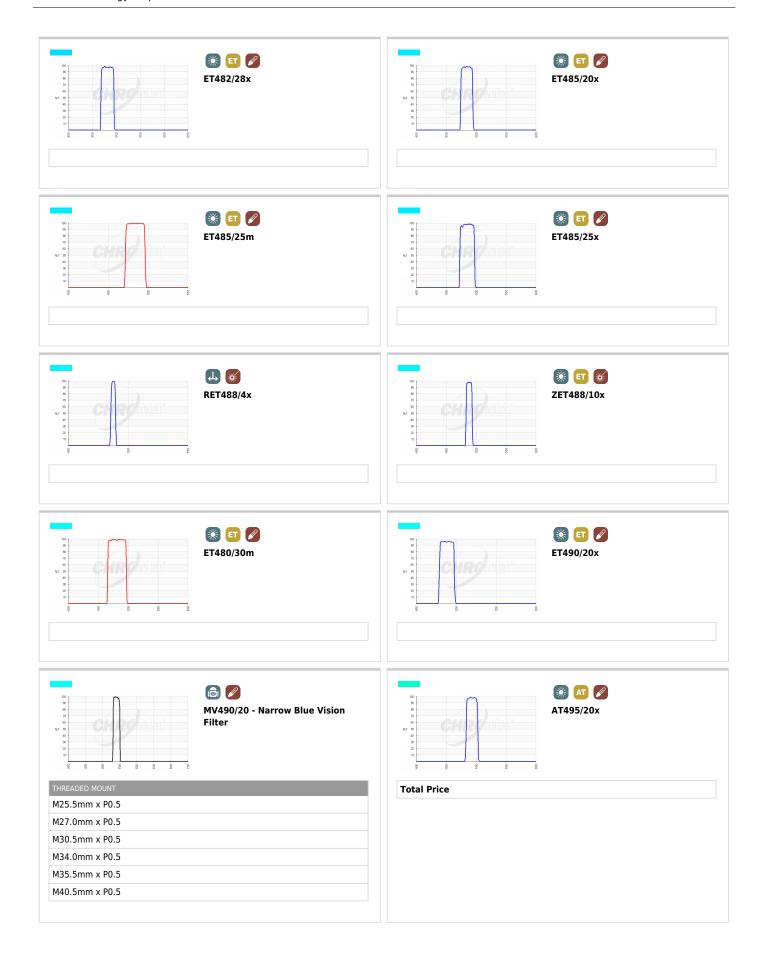






August 2019









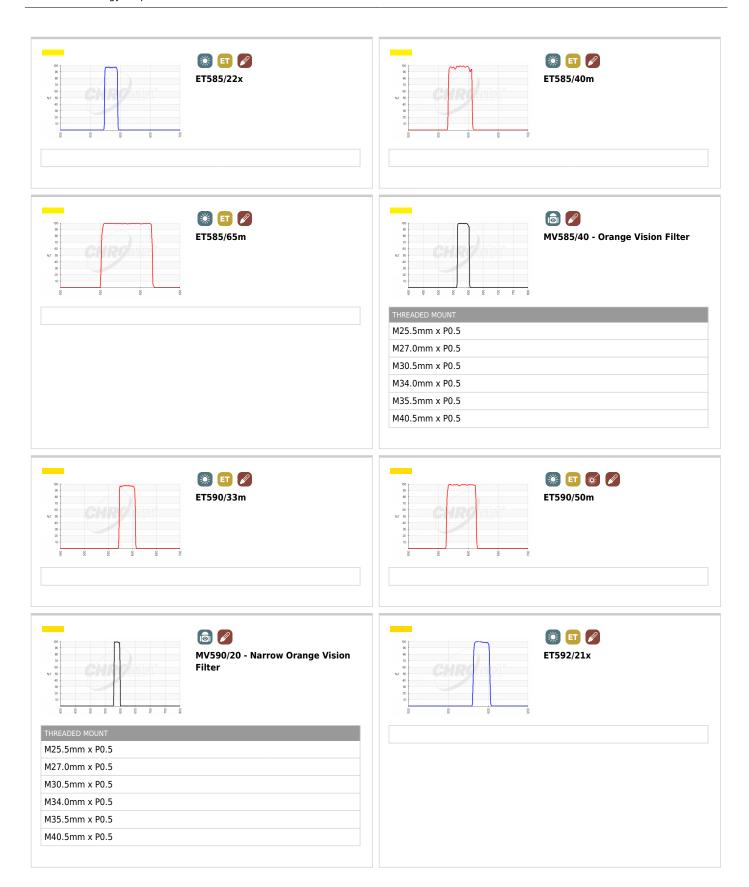


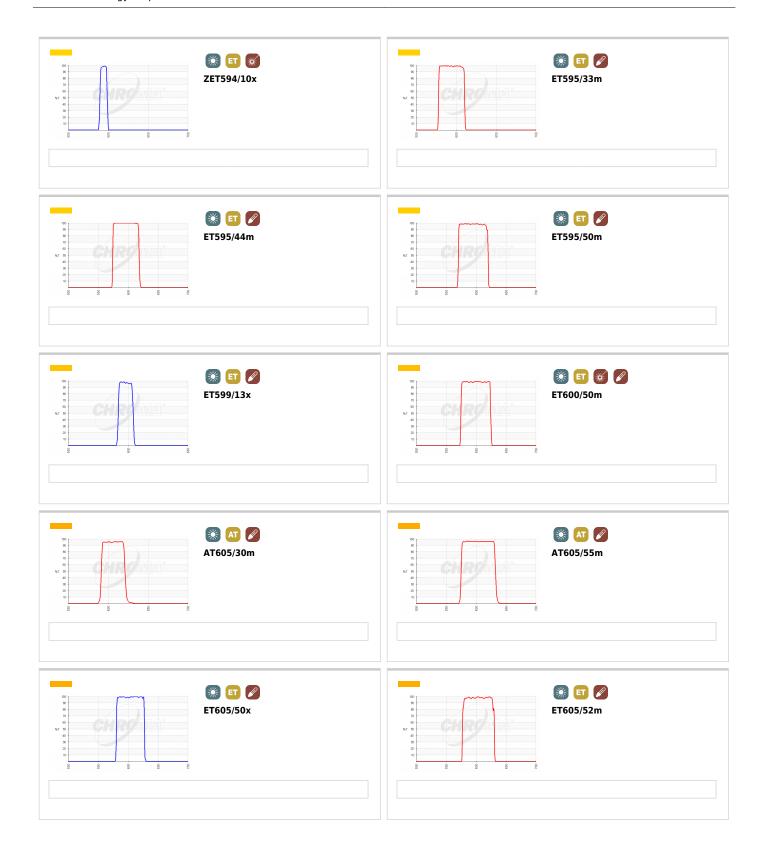






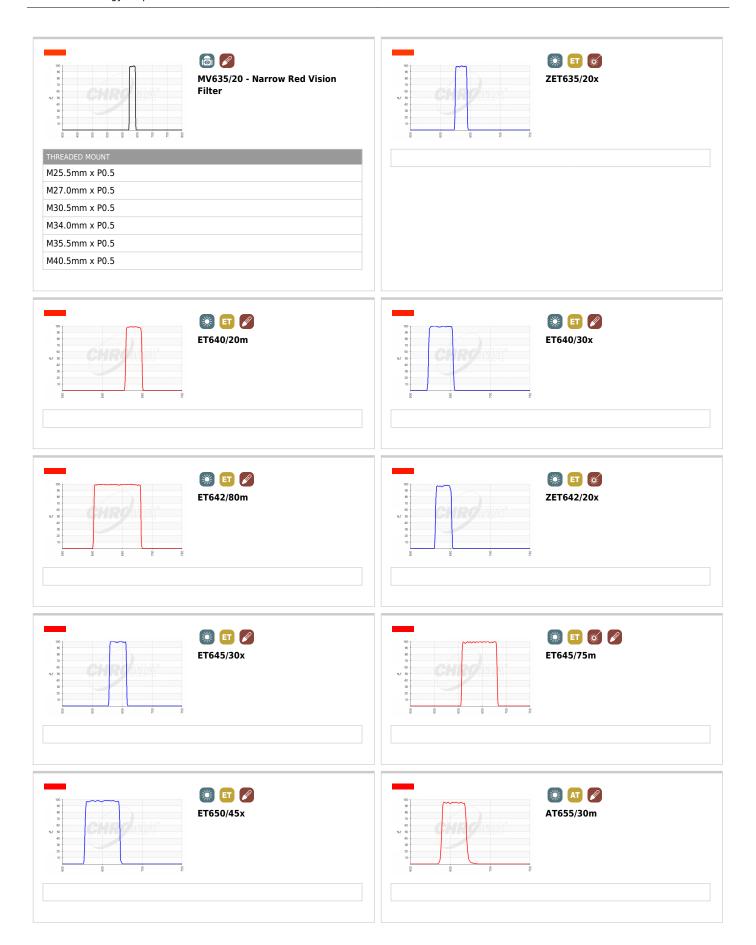


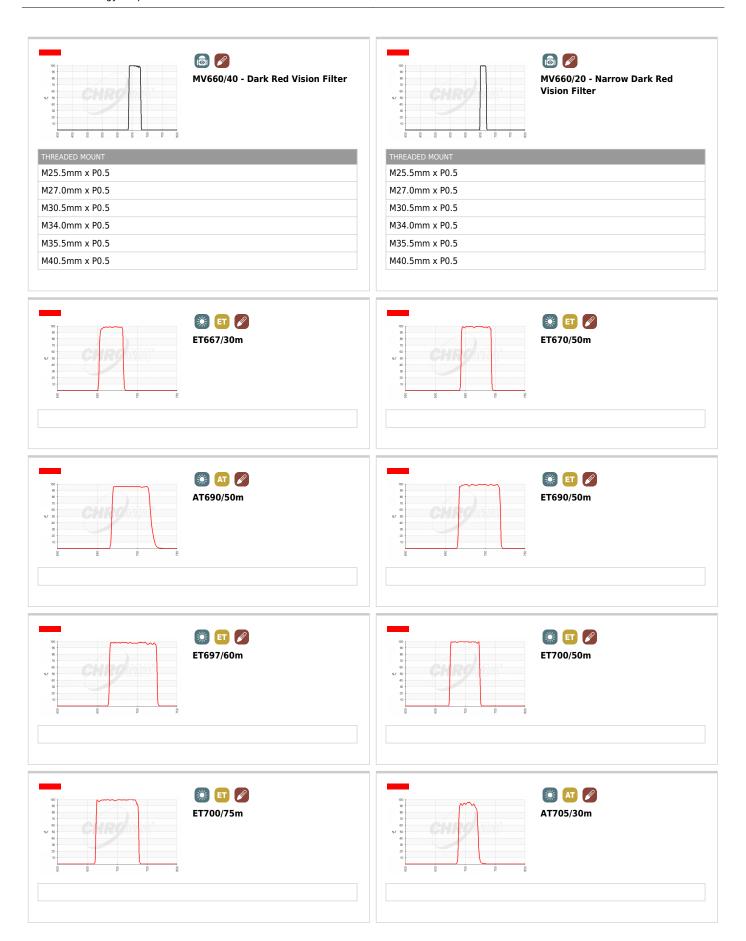




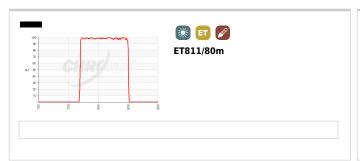


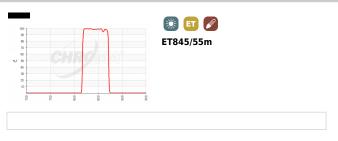


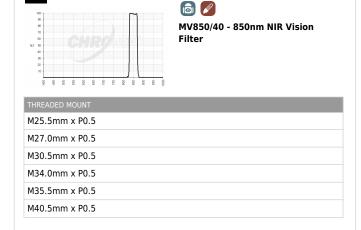


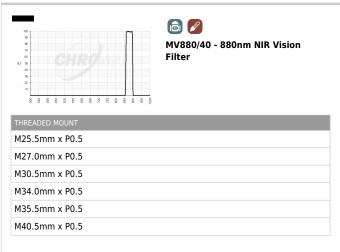


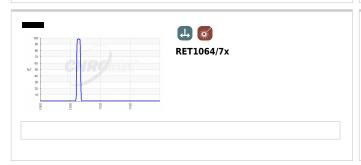


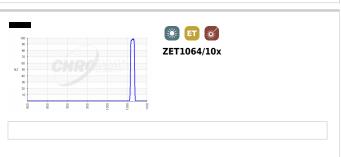


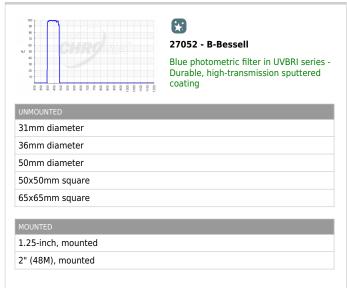


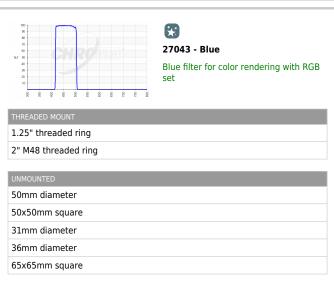


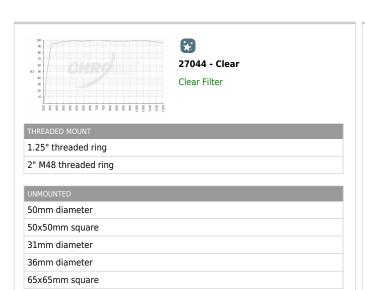


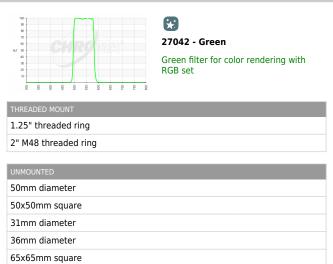




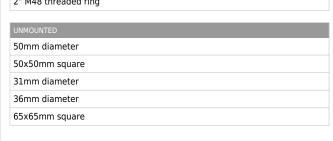


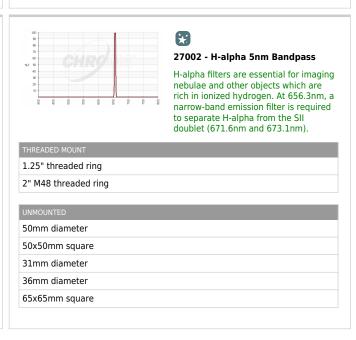




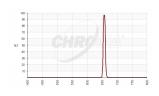








Individual Filters Chroma Technology Corp





# 27003 - H-alpha 8nm Bandpass

H-alpha filters are essential for imaging nebulae and other objects which are rich in ionized hydrogen. At 656.3nm, a narrow-band emission filter is required to separate H-alpha from the SII doublet (671.6nm and 673.1nm).

- 1.25" threaded ring
- 2" M48 threaded ring

50mm diameter

50x50mm square

31mm diameter

36mm diameter

65x65mm square





# 27004 - H-beta 3nm Bandpass

H-beta filters are also useful for imaging nebulae and objects rich in ionized hydrogen. At 486.1nm, a narrow-band filter is required to separate H-beta from nearby blue and green spectral lines. Although weaker than the H-alpha line, this is often used for visual detection as the longer red wavelengths of H-alpha are difficult to detect by eye.

- 1.25" threaded ring
- 2" M48 threaded ring

50mm diameter

50x50mm square

31mm diameter

36mm diameter

65x65mm square





# 27005 - H-beta 5nm Bandpass

H-beta filters are also useful for imaging nebulae and objects rich in ionized hydrogen. At 486.1nm, a narrow-band filter is required to separate H-beta from nearby blue and green spectral lines. Although weaker than the H-alpha line, this is often used for visual detection as the longer red wavelengths of H-alpha are difficult to detect by eye.

- 1.25" threaded ring
- 2" M48 threaded ring

50mm diameter

50x50mm square

31mm diameter

36mm diameter 65x65mm square



## 27054 - I-Bessell

NIR photometric filter in UVBRI series -Durable, high-transmission sputtered coating

31mm diameter

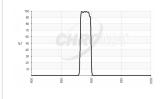
36mm diameter

50mm diameter 50x50mm square

65x65mm square

1.25-inch, mounted 2" (48M), mounted

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# 27012 - Jovian Methane

Methane absorption band filter. This filter enhances contrast when imaging objects containing significant levels of methane. Methane-rich components, such as in the atmosphere of the Jovian planets, will appear darker.

## THREADED MOUNT

- 1.25" threaded ring
- 2" M48 threaded ring

### INMOUNTED

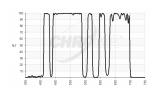
31mm diameter

36mm diameter

50mm diameter

50x50mm square

65x65mm square





# 27030 - LoGlow Light Pollution

Blocks common spectral lines from lighting sources. This filter provides balanced color for the visible spectrum while blocking most emission from metal-halide and vapor lamp sources which together contribute to sky glow.

### THREADED MOUN

1.25" threaded ring

2" M48 threaded ring

### INMOUNTE

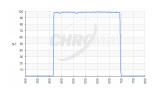
31mm diameter

36mm diameter

50mm diameter

50x50mm square

65x65mm square





# 27040 - Lum

Luminance filter for enhancing color rendering with RGB set

## THREADED MOUN

1.25" threaded ring

2" M48 threaded ring

# UNMOUNTED

50mm diameter

50x50mm square

31mm diameter

36mm diameter

65x65mm square





## 27006 - OIII 3nm Bandpass

Chroma's OIII filters isolate the 500.7nm primary emission line of doubly ionized oxygen. After H-alpha, this is the next most common emission when imaging nebulae

# THREADED MOUNT

1.25" threaded ring

2" M48 threaded ring

# UNMOUNTE

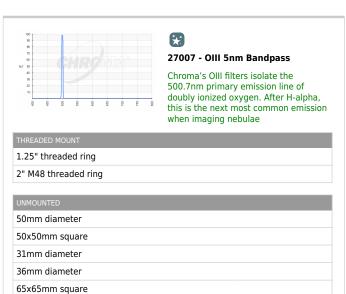
50mm diameter

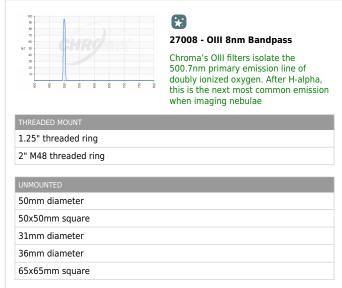
50x50mm square

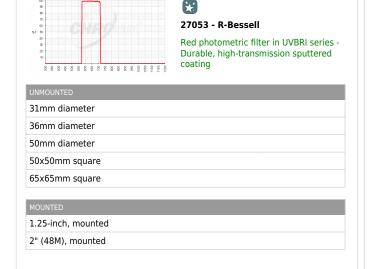
31mm diameter

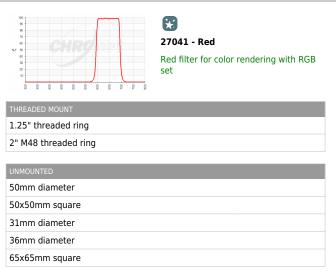
36mm diameter

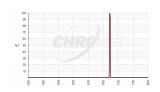
65x65mm square













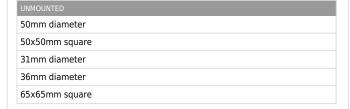
# 27009 - SII 3nm Bandpass

SII filters isolate the spectral emission of singly ionized sulfur atoms, also common in nebulae. Emission is at two lines occurring as a doublet, at 671.6 and 673.1 nm. This filter also separates sulfur emission from H-alpha emission (656.3nm).



1.25" threaded ring

2" M48 threaded ring







# 27010 - SII 5nm Bandpass

SII filters isolate the spectral emission of singly ionized sulfur atoms, also common in nebulae. Emission is at two lines occurring as a doublet, at 671.6 and 673.1 nm. This filter also separates sulfur emission from H-alpha emission (656.3nm).

### HREADED MOUNT

1.25" threaded ring

2" M48 threaded ring

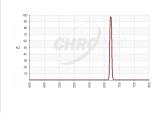
# UNMOUNTED

50mm diameter

50x50mm square

31mm diameter 36mm diameter

65x65mm square





# 27011 - SII 8nm Bandpass

SII filters isolate the spectral emission of singly ionized sulfur atoms, also common in nebulae. Emission is at two lines occurring as a doublet, at 671.6 and 673.1 nm. This filter also separates sulfur emission from H-alpha emission (656.3nm).



1.25" threaded ring

2" M48 threaded ring

# UNMOUNTED

50mm diameter

50x50mm square

31mm diameter

36mm diameter 65x65mm square





# 27050 - U-Bessell

UV photometric filter in UVBRI series -Durable, high-transmission sputtered coating

## JNMOUNTED

31mm diameter

36mm diameter 50mm diameter

50x50mm square

65x65mm square

# MOUNTED

1.25-inch, mounted

2" (48M), mounted

