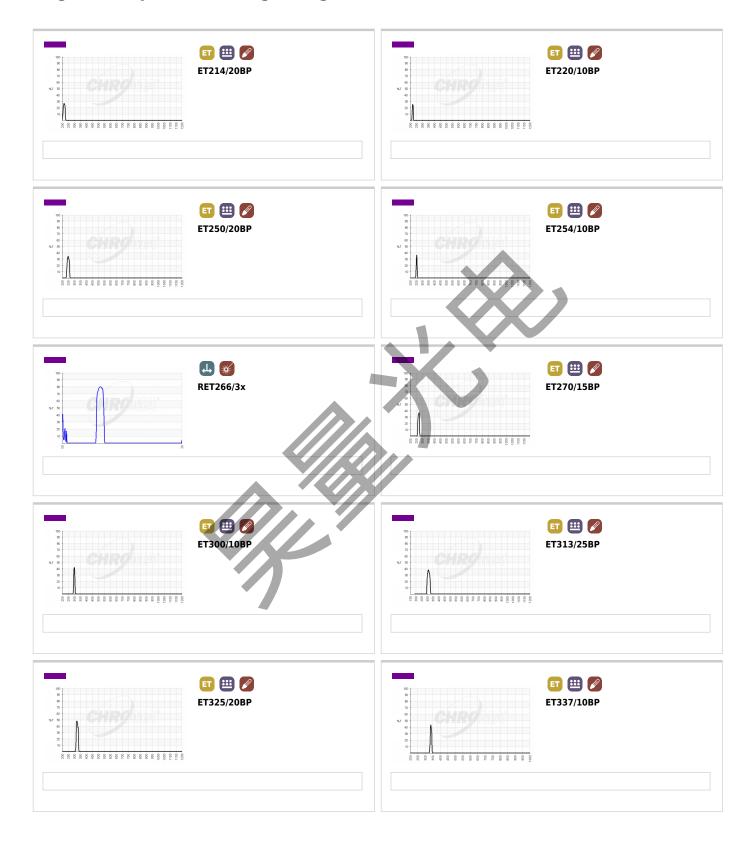
INDIVIDUAL FILTERS / SINGLE BANDPASS AND SINGLE EDGE FILTERS

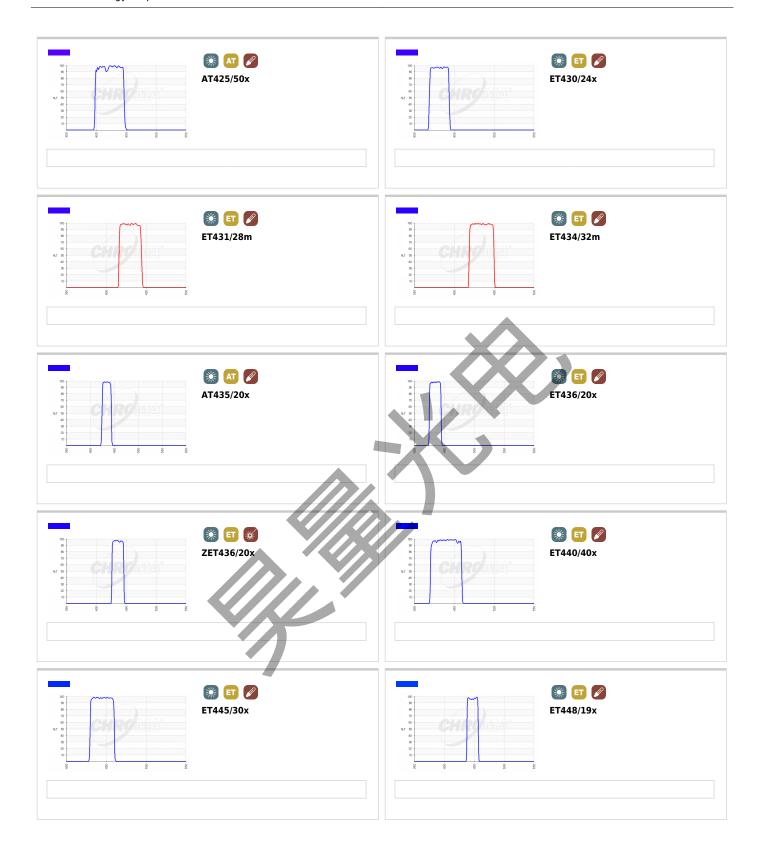
Single Bandpass and Single Edge Filters

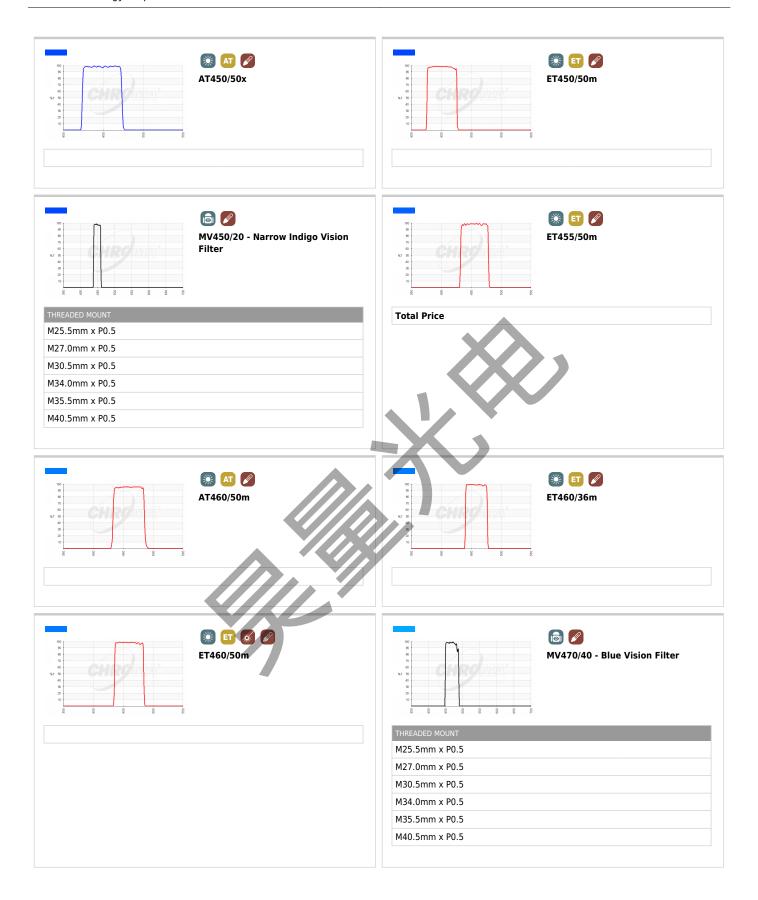


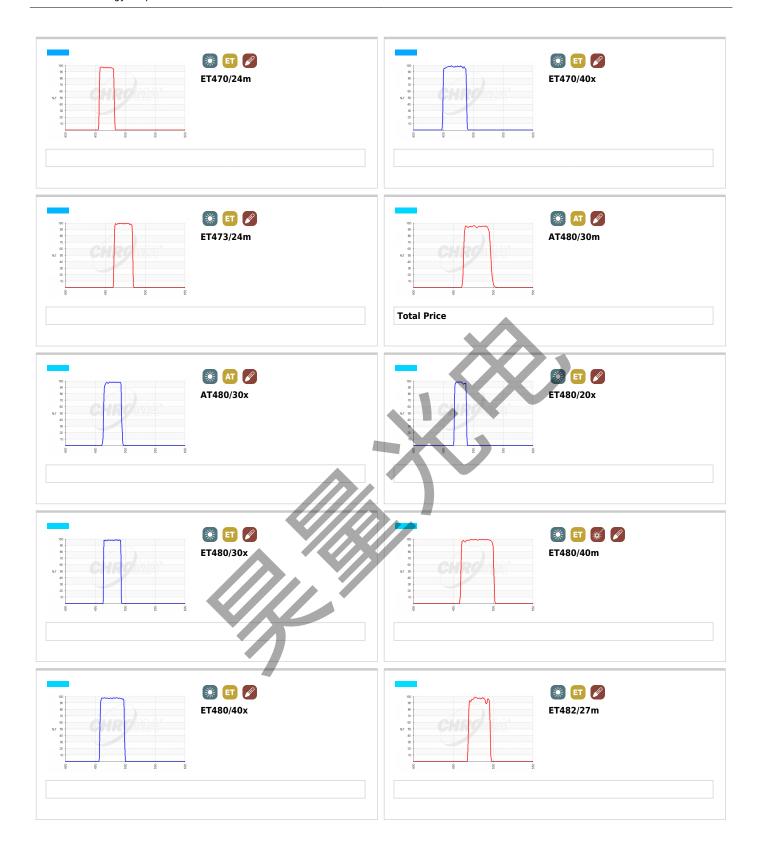
August 2019

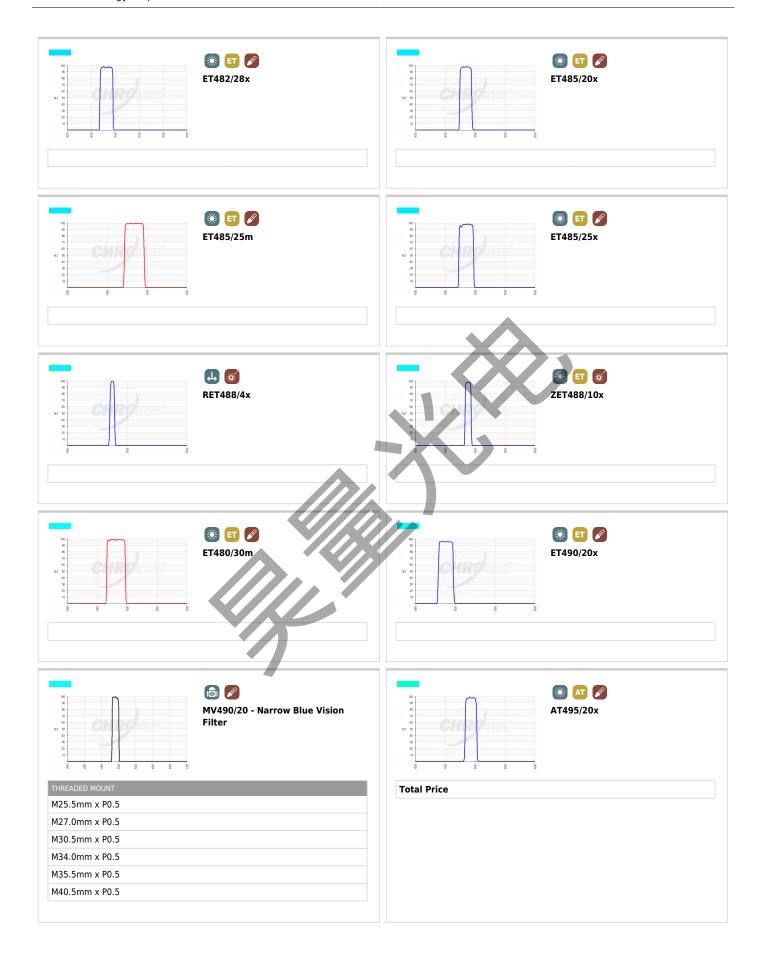


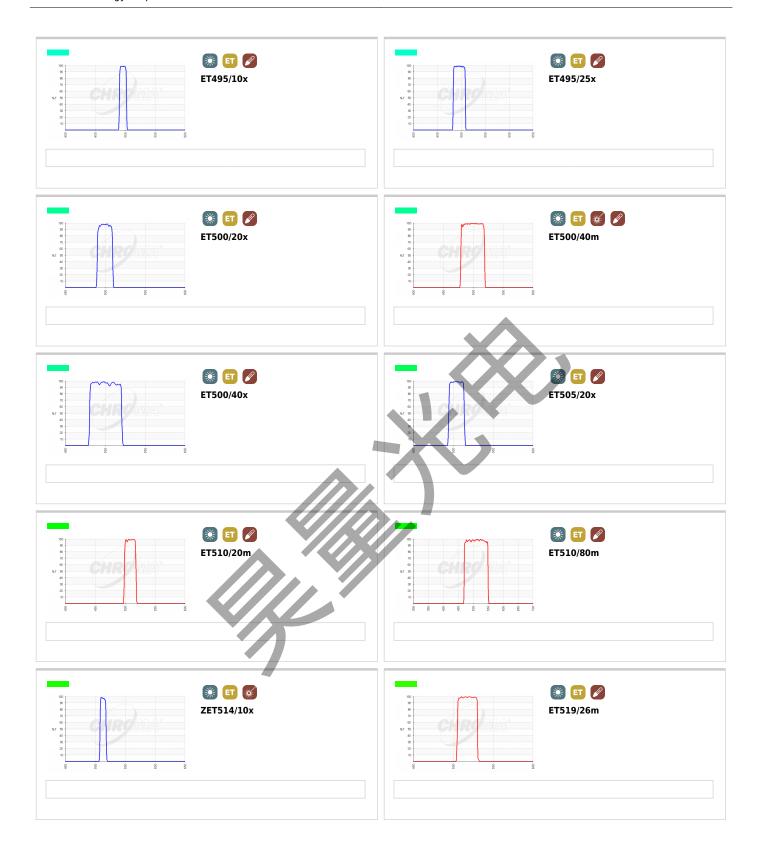


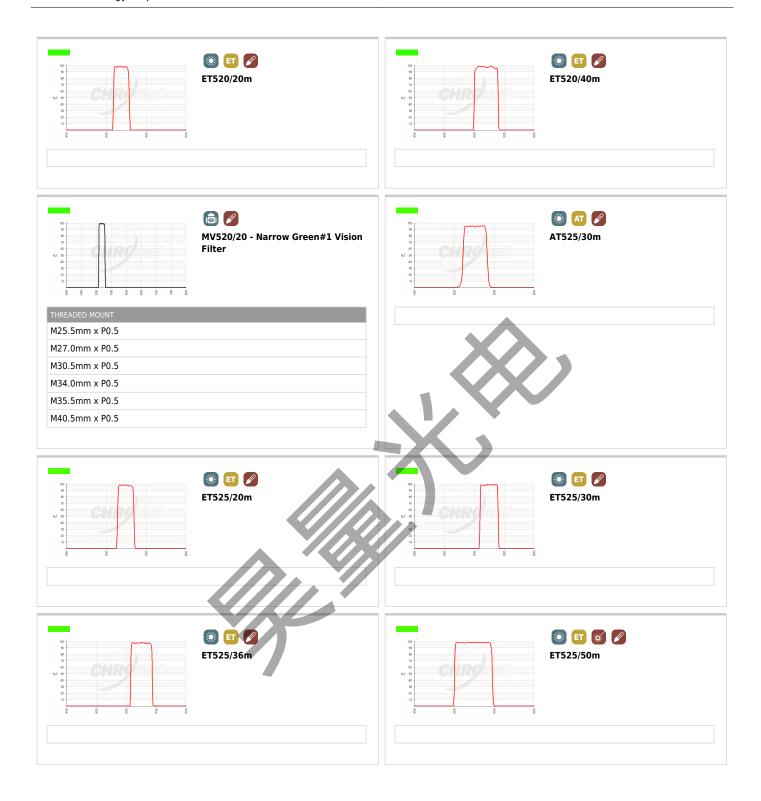








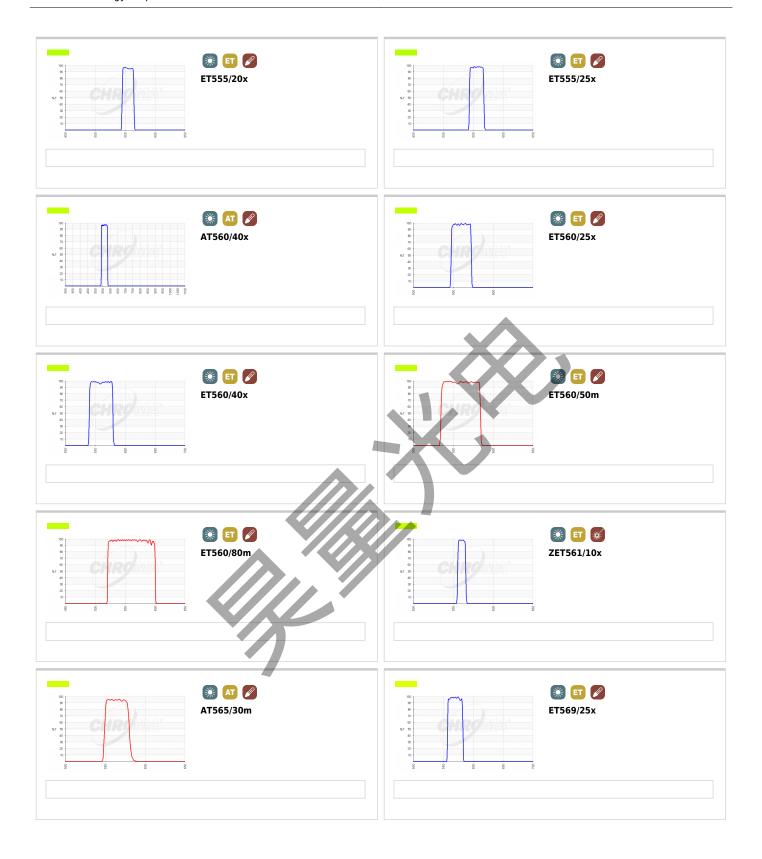


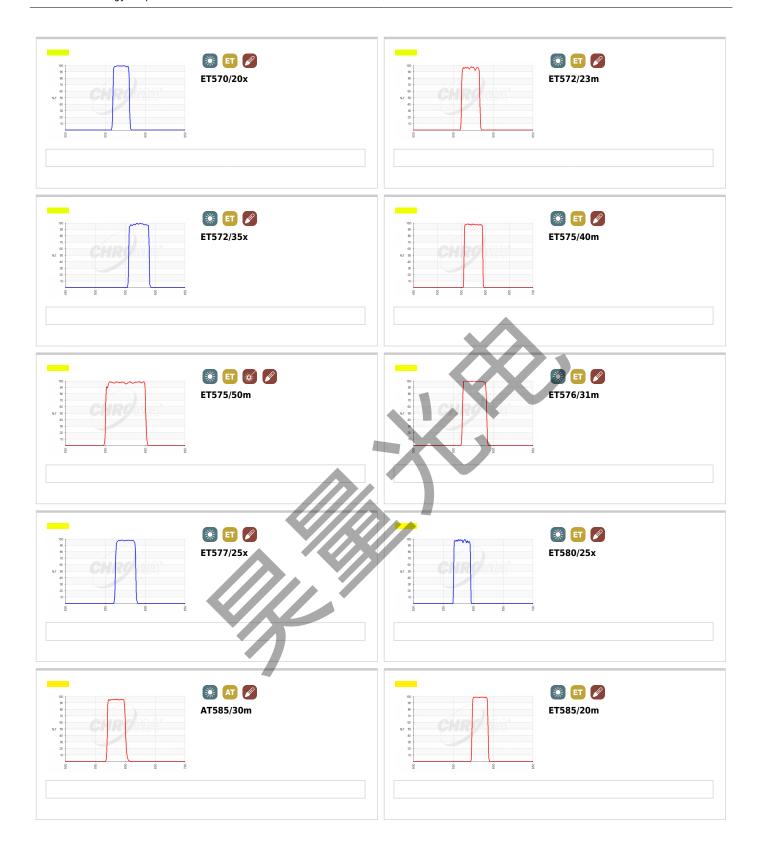


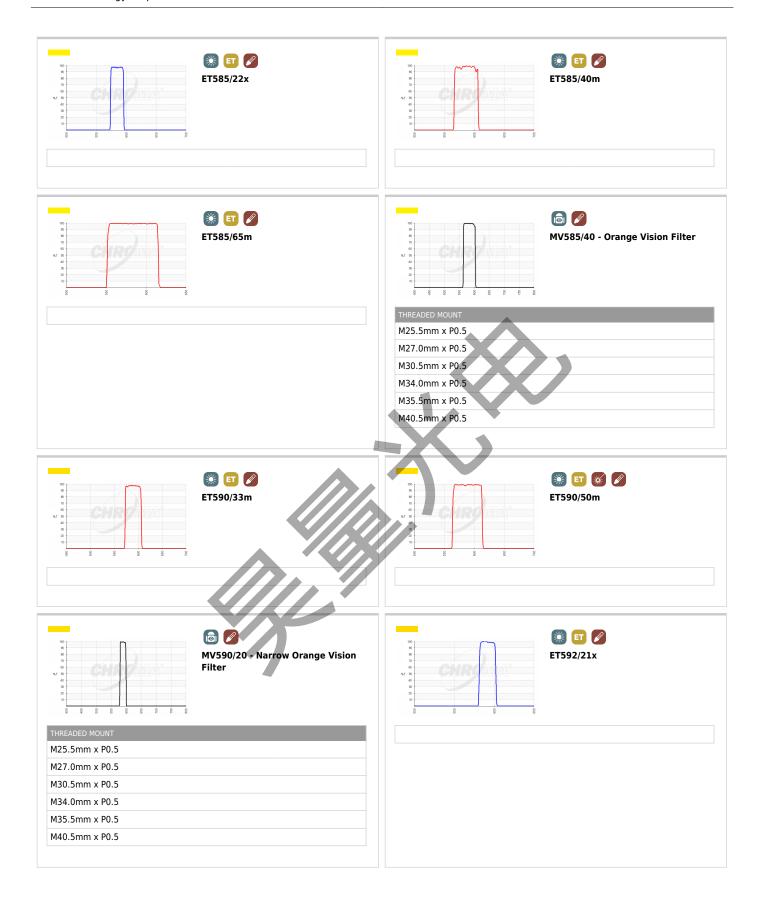


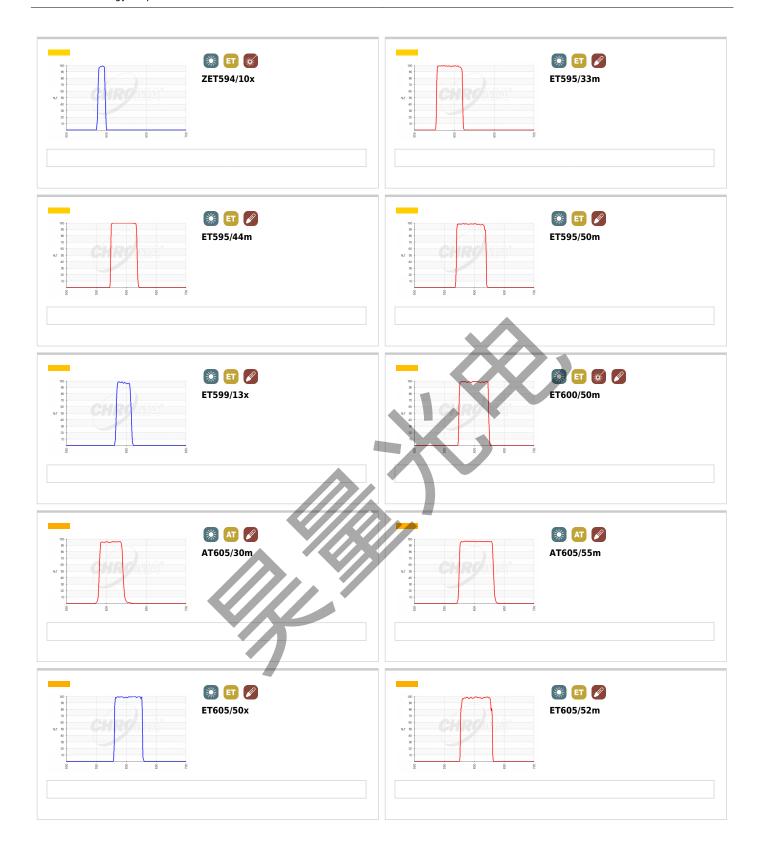




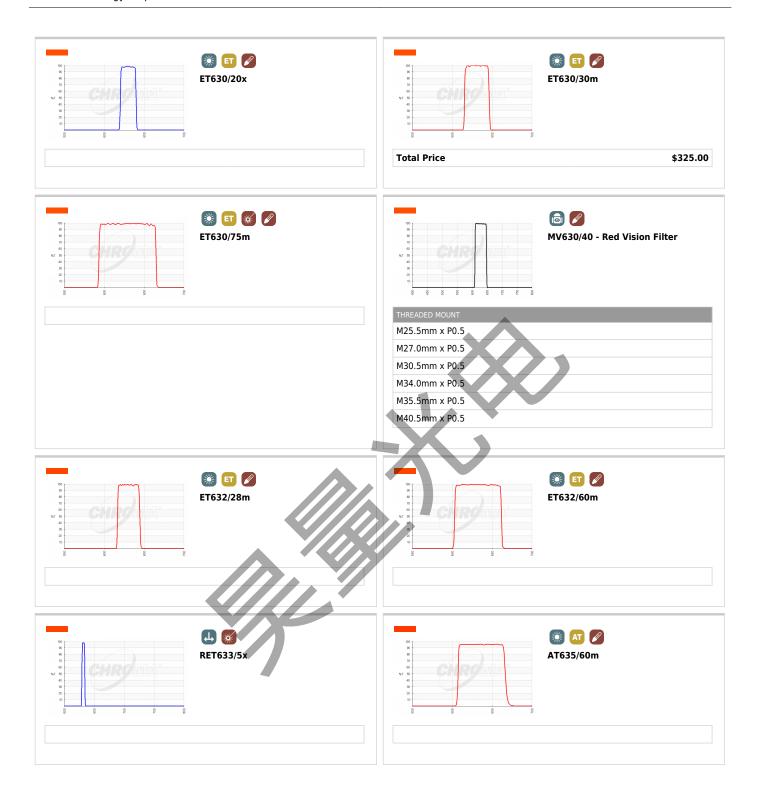


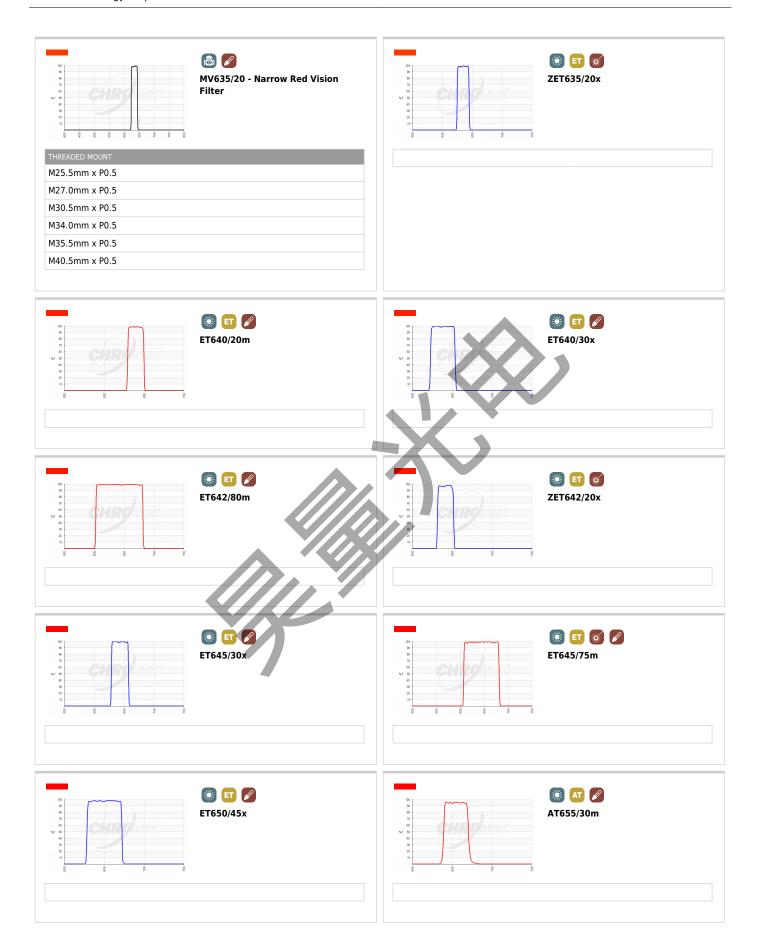


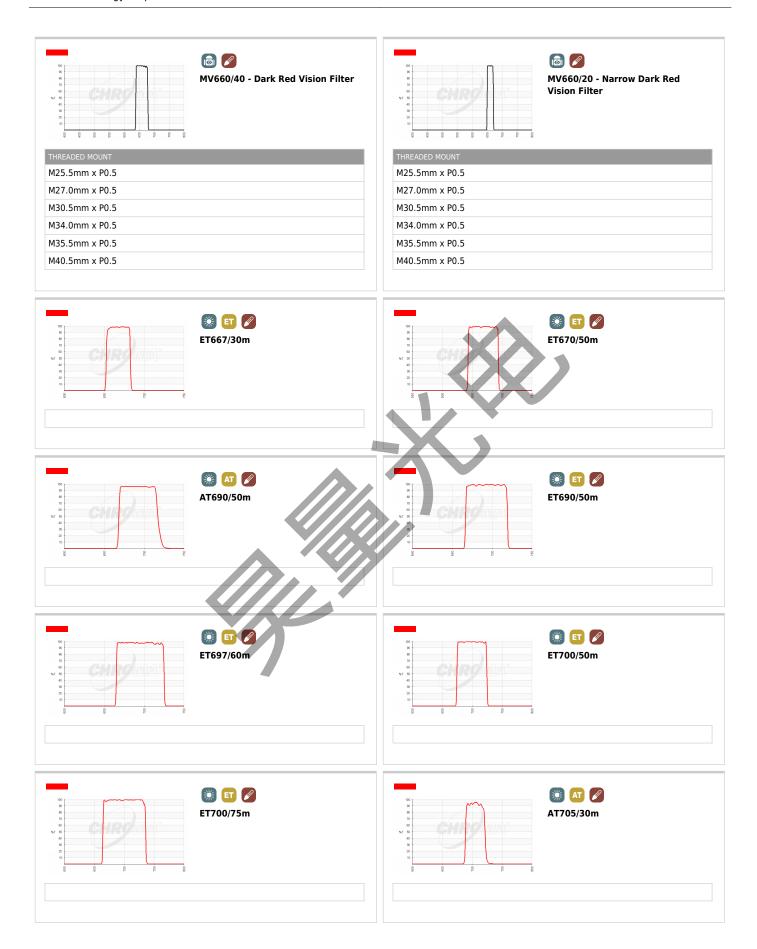




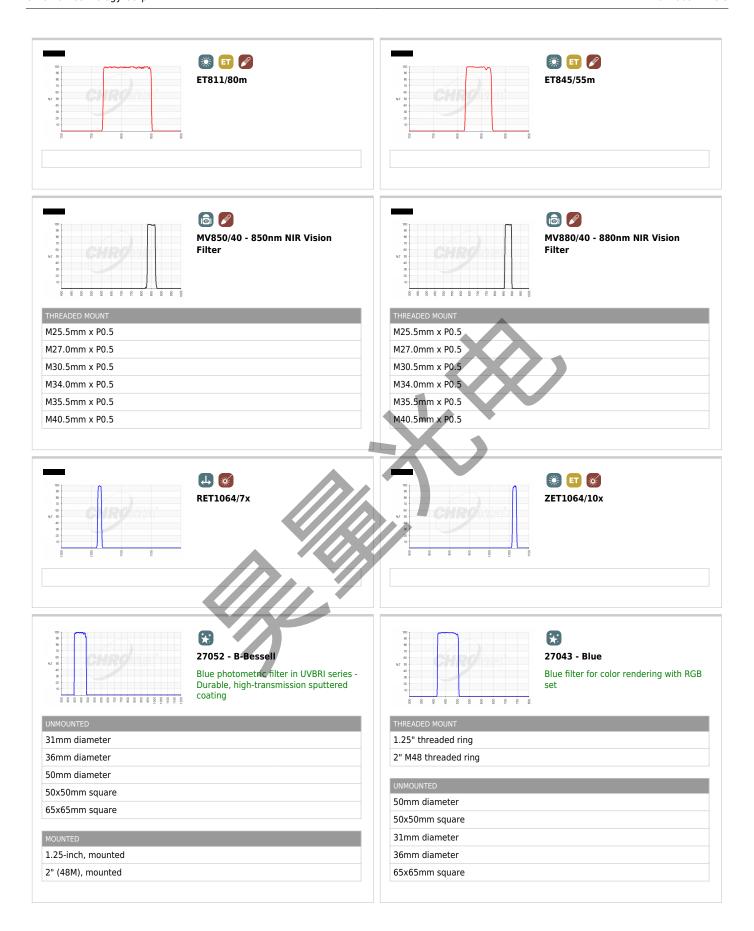






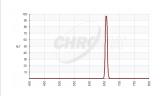








Individual Filters Chroma Technology Corp





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.



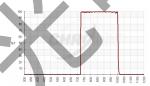
- 1.25" threaded ring
- 2" M48 threaded ring

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

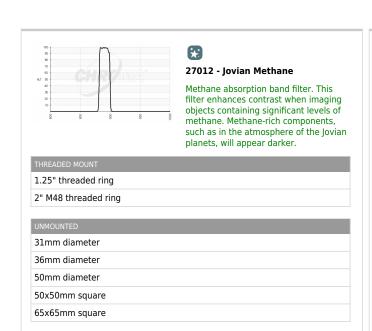
50mm diameter 50x50mm square

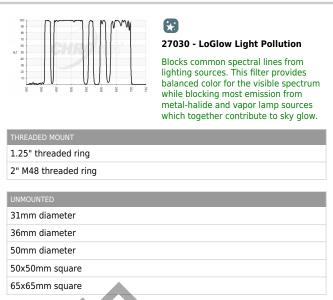
65x65mm square

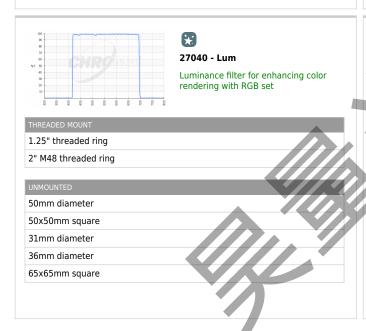
1.25-inch, mounted

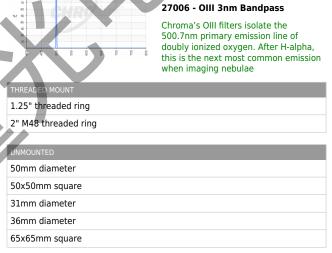
2" (48M), mounted

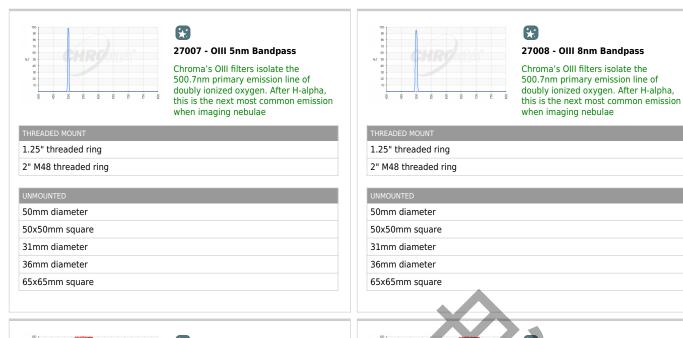
30 August 2019

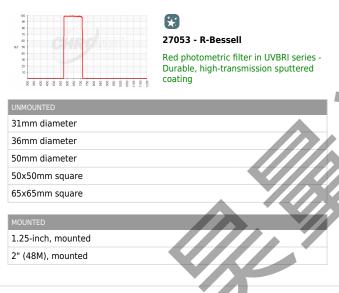


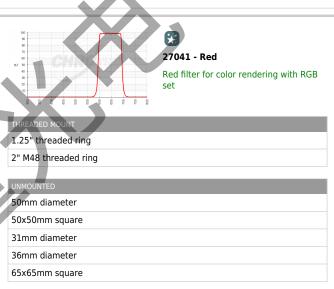


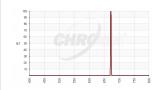














27009 - SII 3nm Bandpass

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

50mm diameter 50x50mm square 31mm diameter 36mm diameter 65x65mm square





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).

UDEADED MOLINIT

1.25" threaded ring

2" M48 threaded ring

UNMOUNTED

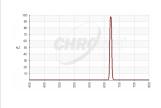
50mm diameter

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).

TUDEA DED MOUNT

1.25" threaded ring

2" M48 threaded ring

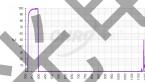
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50mm diameter

50x50mm square

31mm diameter

36mm diameter 65x65mm square





27050 - U-Bessell

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

UNMOUNTED

31mm diameter

36mm diameter

50mm diameter 50x50mm square

65x65mm square

MOUNTED

1.25-inch, mounted

2" (48M), mounted

