

FLUORESCENCE FILTERS FOR GCAMP-6 (EGFP) AND mRUBY

EGFP: 489nm : 511nm

mRUBY: 558nm : 605nm

CURRENT SET:

Excitation: HQ**470**/50

Dichroic: FF**506**-Di02

Emission: FF01-**536**/40

Current LED:

LEDengin LZ1-00B200 (**460nm**)

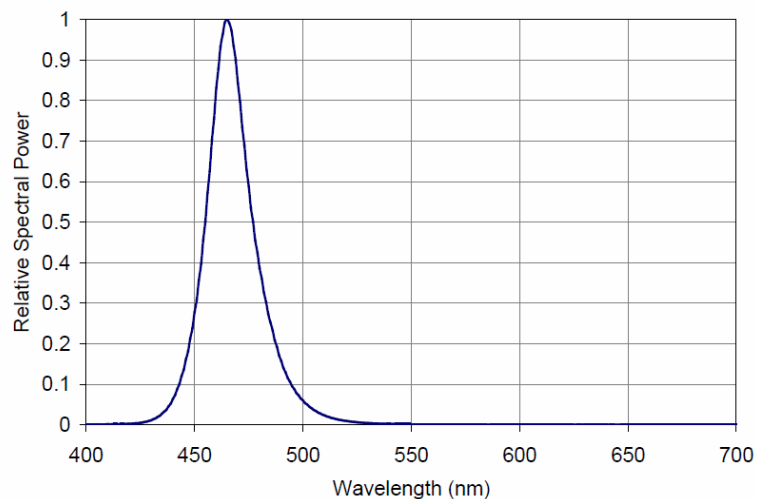


Figure 5: Relative spectral power vs. wavelength @ T_c = 25°C.

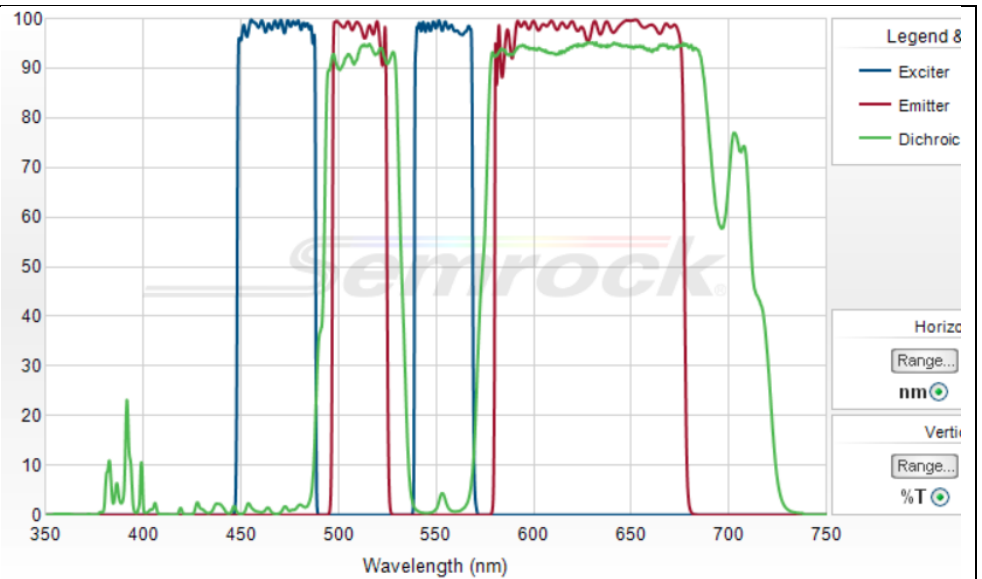
DUAL BAND OPTIONS:

GFP/DsRed-A-000

Excitation: [FF01-468/553-25](#)

Dichroic: [FF493/574-Di01-25x36](#)

Emission: [FF01-512/630-25](#)



GFP/DsRed-2X-A-000

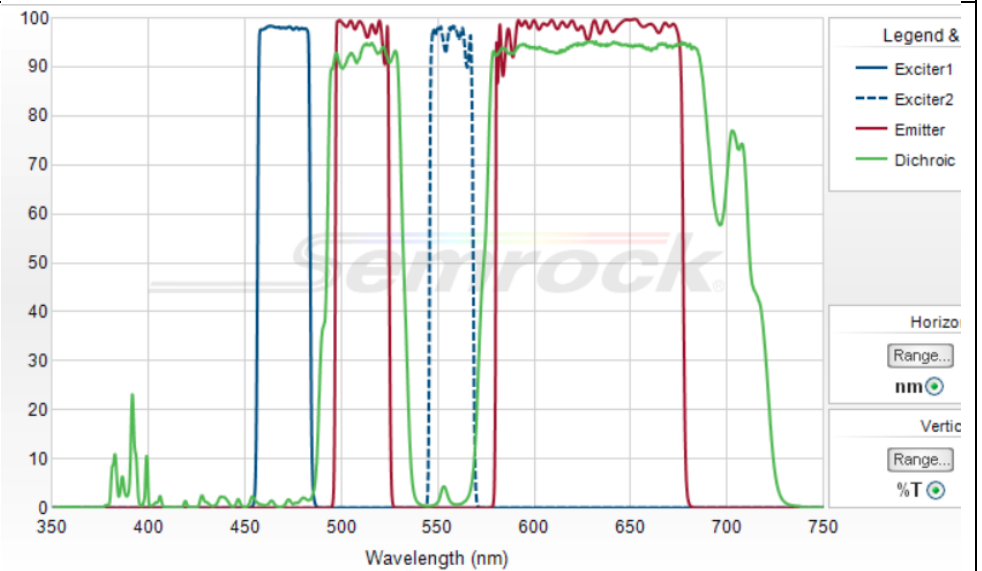
Excitation:

[FF01-470/22-25](#)

[FF01-556/20-25](#)

Dichroic: [FF493/574-Di01-25x36](#)

Emission: [FF01-512/630-25](#)



GFP/DsRed-2X2M-C-000

Excitation:

[FF01-470/22-25](#)

[FF01-556/20-25](#)

Dichroic: [FF493/574-Di01-25x36](#)

Emission:

[FF01-514/30-25](#)

[FF02-617/73-25](#)

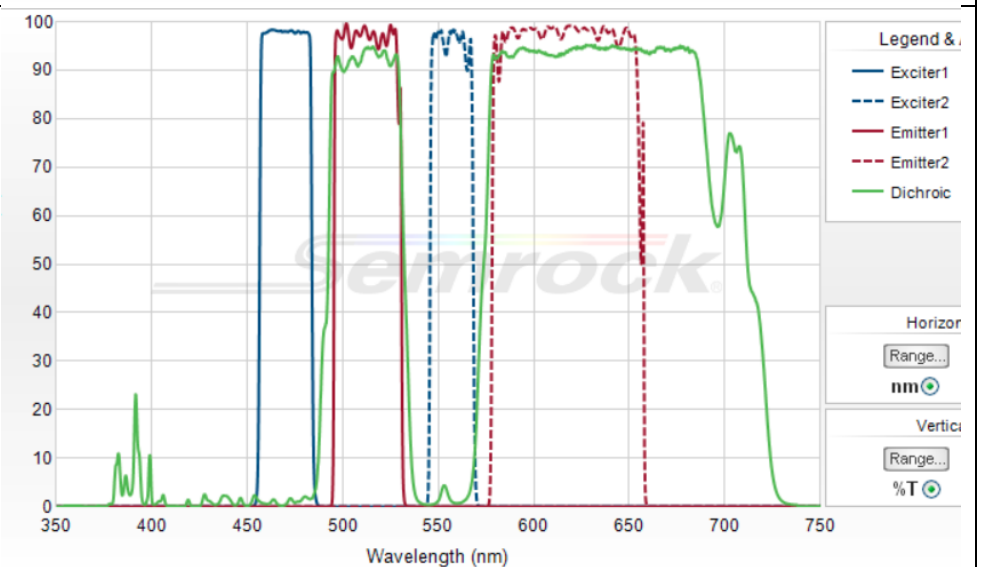
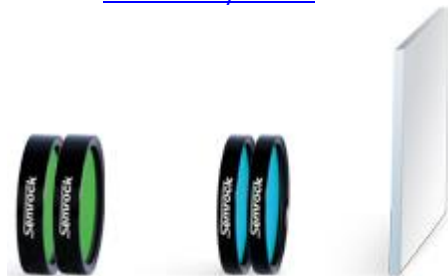


Table 1 – Filter sets. Standard sizes are sold individually at \$299 for single-band filters, \$389 for dual-band filters, \$329 for dual-band dichroics. + \$200 SIZING FEE per filter for non-standard size.

SINGLE BAND OPTIONS:

LED-FITC-A-000

(new, optimized for LED)

Excitation: [FF01-474/27](#)

Dichroic: [FF495-Di03](#)

Emission: [FF01-525/45](#)

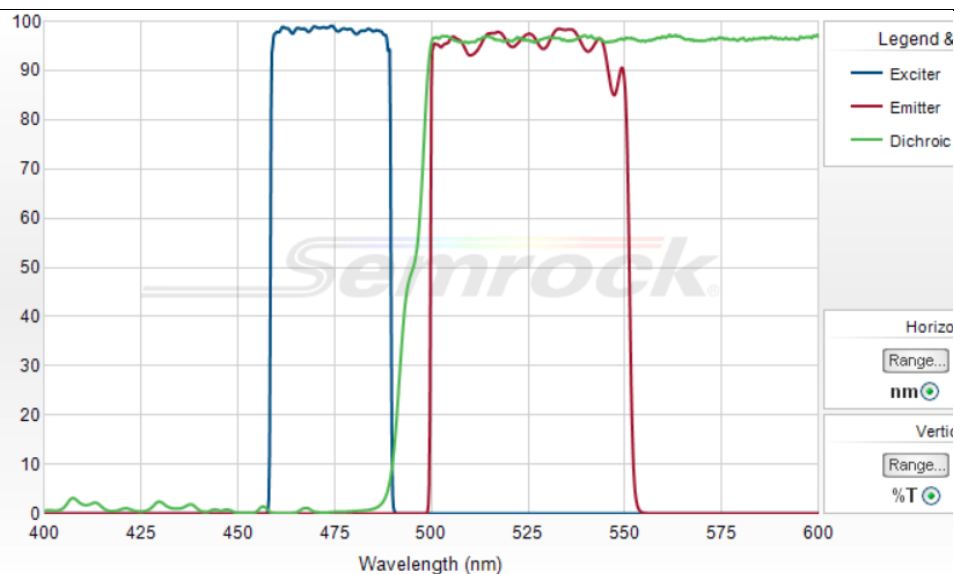
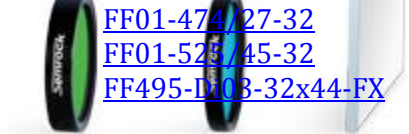
Large diameter filter set for
Olympus U-M710I – LED-FITC-A-
U02 (\$2k with cube, 1.6k without)

d=32mm, 32x44x1.1mm

[FF01-474/27-32](#)

[FF01-525/45-32](#)

[FF495-Di03-32x44-FX](#)



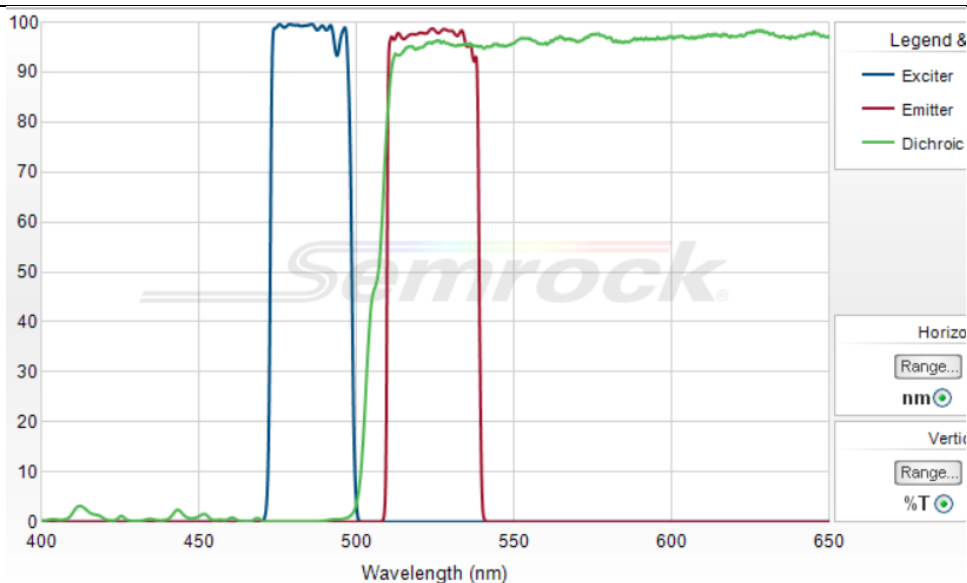
FITC-2024B-000

(highest contrast)

Excitation: [FF02-485/20-32](#)

Dichroic: [FF506-Di03-32x44-FX](#)

Emission: [FF01-524/24-32](#)



SpGr-B-000

Excitation: [FF01-494/20-25](#)

Dichroic: [FF506-Di03](#)

Emission: [FF01-527/20-25](#)

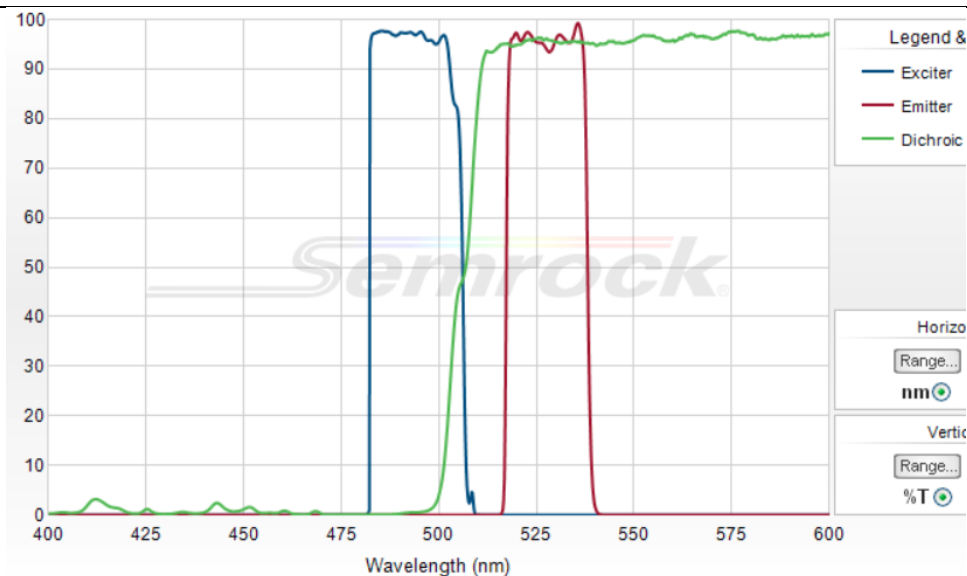


Table 2 – Larger Olympus sizes are typically >\$200 more than standard sizes regardless