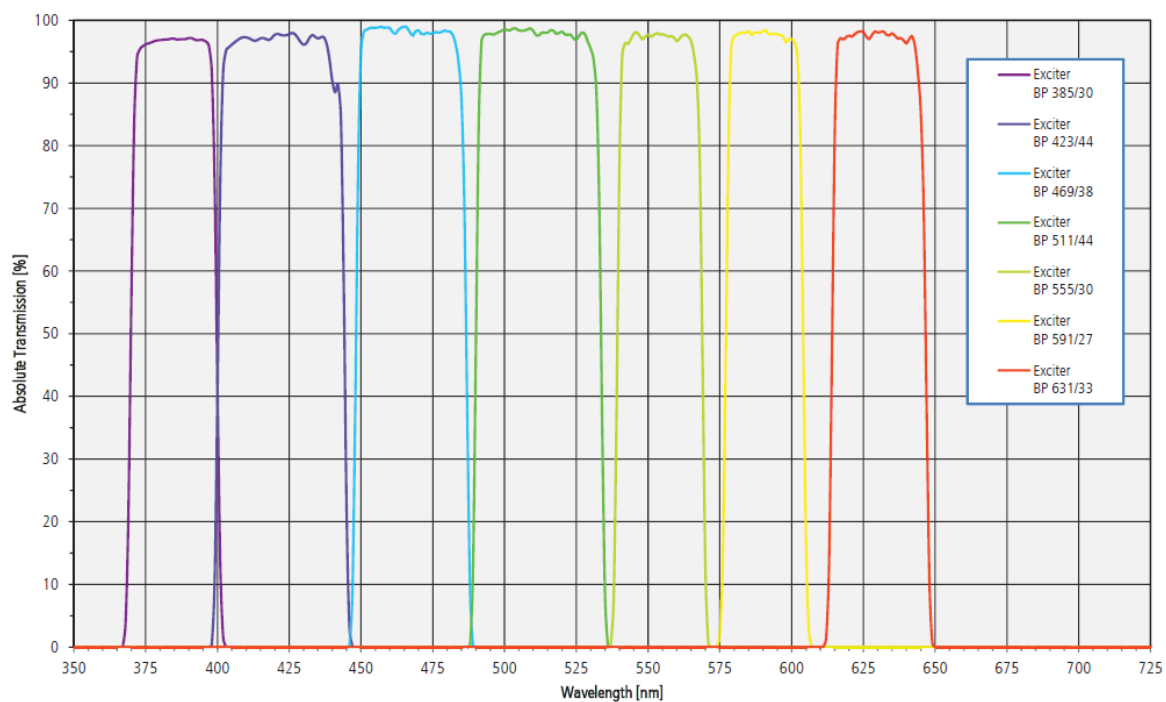


Filters and LED's Widefield 1

| Channel | LED | Cube Position | Excitation | Dichroic | Emission |
|----------------------------------|-----------------|---------------|------------|-------------------------|-----------|
| DIC, Polarizer | - | 1 | - | - | polarizer |
| Dapi, Hoechst, AF305, AF405 | 385/30 | 2 | 365/12 | 395 | 447/60 |
| GFP, FITC, AF488, YFP? | 469/38 | 3 | 470/40 | 510 | 525/50 |
| CY3, TRITC, DsRed, AF546, AF555 | 555/30 | 4 | 531/40 | 565 | 593/40 |
| mCherry, Texas Red, AF568, AF594 | 591/27 | 5 | 562/40 | 593 | 624/40 |
| CY5, AF633, AF647, Draq 5 | 631/33 | 6 | 635/18 | 652 | 680/42 |
| CFP (WF3 cube) | 423/44 | 2 | | 458 | 483/32 |
| CFP FRET (WF3 cube) | 423/44 | 3 | | 458 | 542/27 |
| CFP/YFP Ratio | 423/44 & 511/44 | 4 | 416 & 510 | 440 & 530 | 464 & 547 |
| CFP (Old cube) | 423/44 | 2 | 436/10 | JP4 (440-480 & 520-600) | 470/30 |
| YFP (Old cube) | 511/44 | 4 | 500/20 | JP4 (440-480 & 520-600) | 535/30 |
| | | | | | |

Built-In excitation filter Colibri 7



Typical LED Spectra Colibri 7

