

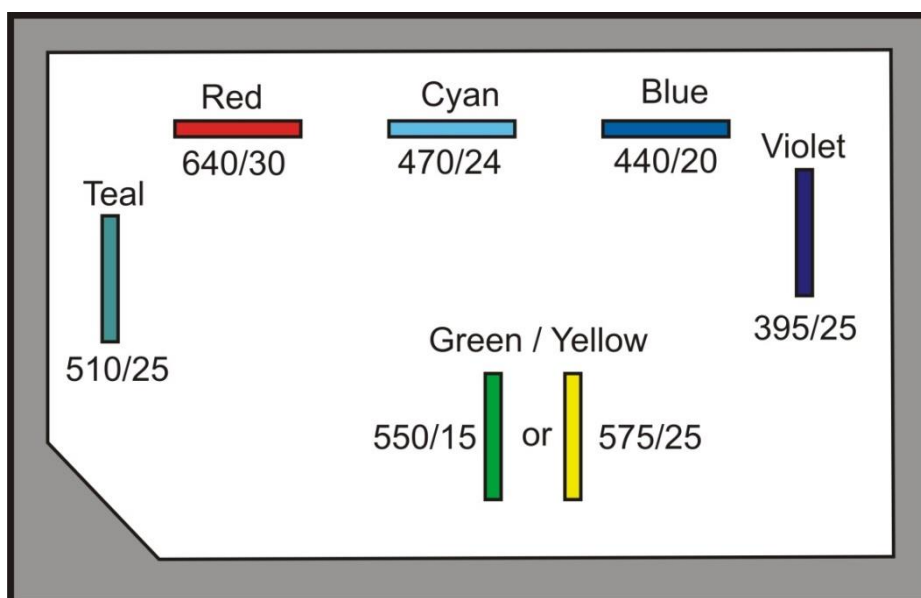
Lumencor Spectra X

Fluorophore	LED	Cube	Cube position	Excitation	Dichroic	Emission
DIC	-	DIC	1	-	-	-
DAPI, Hoechst, Alexa 350, 405,	Violet (395/25)	Dapi	2	390/40	420	450/40
GFP, FITC, Alexa 488, DiO	Cyan (470/24)	GFP (38HE)	3	470/40	495	525/50
CY3, Alexa 546, 555, TRITC, Dil	Green/Yellow (550/15)*	CY3 (43HE)	4	550/25	570	605/70
mCherry, Texasred, Alexa 568, 594, 610	Green/Yellow (575/25)*	Texas red	4	562/40	593	624/40
CY5, Alexa 633, 647	Red (640/30)	CY5 (50)	5	640/30	660	690/50
CFP	Blue (440/20)	CFP	2		458	483/32
CFP FRET	Blue (440/20)	FRET	3		458	542/27
YFP	Teal (510/25)	60HE	4		460+520+605	535/30
Di-8-Anepps	Cyan (470/24)	Quad	6	461 – 487	461 – 487	580 – 611 661 – 800

* Change filter

Fluorophore	LED	Cube	Cube position	Excitation	Dichroic	Emission
DAPI, Hoechst, Alexa 350, 405,	Violet (395/25)	Quad	6	381 – 404	380 – 404	414 – 450
GFP, FITC, Alexa 488, DiO	Cyan (470/24)			461 – 487	461 – 487	499 – 530
CY3, Alexa 546, 555, TRITC, Dil	Green/Yellow (550/15)*			543 – 566	543 – 566	580 – 611
CY5, Alexa 633, 647	Red (640/30)			626 – 644	626 – 644	661 – 800

* Change filter



SPECTRA X Light Engine Spectral Output

