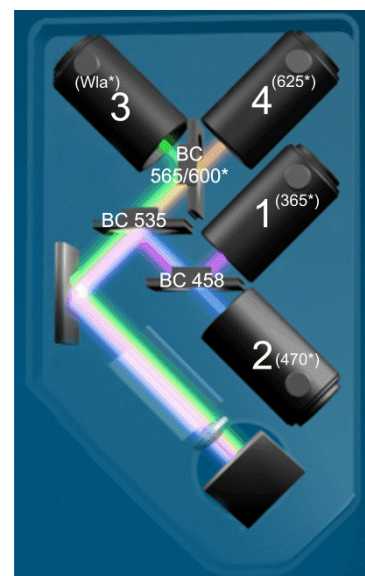


LED and Cube Setup for HWF1

Default setup

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
DAPI	1	365	DAPI	4
GFP	2	470	GFP	5
CY3	3	534	SPGOLD-B	6
CY5	4	625	77HE	2
Di-8-Anepps	2	470	SP Red	1
BC 600				



Options

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
DAPI	1	365	DAPI	4
GFP	2	470	GFP	5
mCherry	3	590	SP Red	1
CY5	4	625	77HE	2
BC 600				

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
DAPI	1	365	DAPI	4
GFP	2	470	GFP	5
CY3	3	WL(a)	SPGOLD-B	6
mCherry	4	590	SP Red	1
BC 565				

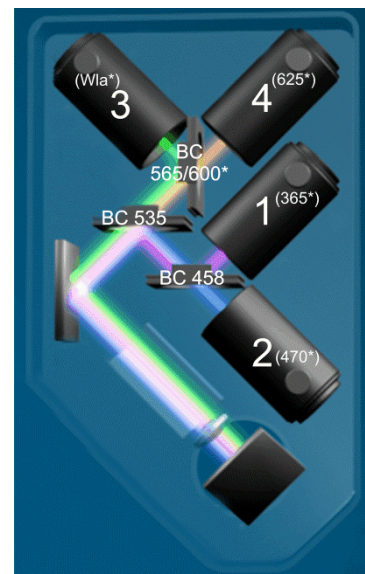
CFP/YFP/Fret

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
CFP only	1	445	CFP	5
YFP only	2	505	60HE	1
YFP FRET only	1	445	YFP	6
BC 600				

Fast Switching sets

Fura Red Ca²⁺ Bound/ Fura Red Ca²⁺ Free/mCherry

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
Fura Red Ca ²⁺ Bound	1	400	73HE	6
/ Fura Red Ca ²⁺ Free	2	470	73HE	6
mCherry	3	590	73HE	6
BC 600				



CFP/YFP/mCherry Triple

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
CFP + (YFP Fret)	1	445	60HE	1
YFP only	2	505	60HE	1
mCherry	3	590	60HE	1
BC 600				

GFP/mCherry/Alx 633

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	DIC	3
DAPI	1	365	DAPI	4
GFP	2	470	77HE	2
CY3	3	590	77HE	2
CY5	4	625	77HE	2
BC 600				

Vivatome (Cube position 3 empty)

Fluorochrome	LED position	LED	Cube	Cube position
Brightfield	n/a	n/a	Empty	3
DAPI	1	365	DAPI	4
GFP	2	470	GFP	5
CY3	3	534	SPGOLD-B	6
CY5	4	625	77HE	2
BC 600				