



FAVS
Scientific Equipment
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*4-position LED Fluorescence attachment
(without LED Fluorescence Cube)*

Main Body	Type	Upright
	Construction material	Aluminum die-cast / Plastic
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Allen wrench	Yes
	User Manual	Yes
Product Dimensions	Height (mm)	55
	Width (mm)	276
	Depth (mm)	222
Product Weight	(kg)	2,5
Fluorescence Attachment	Number of LED Cubes	Up to 4
	BLUE LED Cube (Optional)	LED Emission: 460 nm. Excitation: 455 - 495 nm; Dichroic: 500 nm; Emission: 510LP nm
	BLUE BANDPASS LED Cube (Optional)	LED Emission: 460 nm. Excitation: 455 - 495 nm; Dichroic: 500 nm; Emission: 518-542 nm
	GREEN LED Cube (Optional)	LED Emission: 523 nm. Excitation: 510 - 550 nm; Dichroic: 570 nm; Emission: 575LP nm
	GREEN BANDPASS LED Cube (Optional)	LED Emission: 523 nm. Excitation: 510 - 550 nm; Dichroic: 570 nm; Emission: 585-625 nm
	UV LED Cube (Optional)	LED Emission: 365 nm. Excitation: 325 - 375 nm; Dichroic: 415 nm; Emission: 435LP nm
	UV BANDPASS LED Cube (Optional)	LED Emission: 365 nm. Excitation: 340 - 390 nm; Dichroic: 405 nm; Emission: 420-470 nm
	V LED Cube (Optional)	LED Emission: 405 nm. Excitation: 390 - 420 nm; Dichroic: 440 nm; Emission: 450LP nm

RED1 LED Cube (Optional) **	LED Emission: 623 nm. Excitation: 590 - 650 nm; Dichroic: 660 nm; Emission: 665LP nm
RED2 LED Cube (Optional) **	LED Emission: 623 nm. Excitation: 595 - 645 nm; Dichroic: 655 nm; Emission: 665-715 nm
DEEP RED LED Cube (Optional) **	LED Emission: 660 nm. Excitation: 623 - 678 nm; Dichroic: 685 nm; Emission: 690-750 nm
FAR RED LED Cube (Optional) **	LED Emission: 740 nm. Excitation: 720 - 760 nm; Dichroic: 770 nm; Emission: 780LP nm
AMBER LED Cube (Optional)	LED Emission: 590 nm. Excitation: 582 - 603 nm; Dichroic: 610 nm; Emission: 615-645 nm
<i>Contact OPTIKA for other custom LED Fluorescence Cube options</i>	
LED Cube insertion	Manual

**** If the use of a camera is needed, please order it by specifying with "AR GLASS" in order to observe above 650nm**

Fluorescence Light Source	Light source	LED Fluorescence Cube
	Light source power (W)	3,5
	LED wavelength	<i>see LED Fluorescence Cube specs</i>
	Lifetime (hours)	> 65,000
	Brightness control	Yes

Fluorescence Power Supply	Type	External
	Microscope connector	Jack, 2.1 mm
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A