

CELENA[®] X Objective Selection Guide



The CELENA[®] X is designed to be compatible with a wide range of objectives to accommodate specialized imaging applications.

High resolution fluorescence objectives

Cat #	Objective	MAG	NA	WD	Immersion	Correction	BF	FL	UV	PH
I10030	UPLFLN 4X	4X	0.13	17 mm	Air/Dry	-	Excellent	Excellent	Excellent	-
I10031	UPLFLN 10X2	10X	0.3	10 mm	Air/Dry	-	Excellent	Excellent	Excellent	-
I10034	LUCPLFLN 20X	20X	0.45	6.6 - 7.8 mm	Air/Dry	0 - 2 mm	Excellent	Excellent	Excellent	-
I10035	LUCPLFLN 40X	40X	0.6	2.7 - 4.0 mm	Air/Dry	0 - 2 mm	Excellent	Excellent	Excellent	-

Fluorescence and phase contrast objectives

Cat #	Objective	MAG	NA	WD	Immersion	Correction	BF	FL	UV	PH
I10038	UPLFLN 4XPH	4X	0.13	17 mm	Air/Dry	-	Good	Good	Good	Excellent
I10039	UPLFLN 10X2PH	10X	0.3	10 mm	Air/Dry	1mm	Good	Good	Good	Excellent
I10042	LUCPLFLN 20XPH	20X	0.45	6.6 - 7.8 mm	Air/Dry	0 - 2 mm	Good	Good	Good	Excellent
I10043	LUCPLFLN 40XPH	40X	0.6	3 - 4.2 mm	Air/Dry	0 - 2 mm	Good	Good	Good	Excellent

Low and high magnification objectives

Cat #	Objective	MAG	NA	WD	Immersion	Correction	BF	FL	UV	PH
I10046	PLAPON 1.25X	1.25X	0.04	5 mm	Air/Dry	-	Excellent	Excellent	Excellent	-
I10047	PLAPON 2X	2X	0.08	6.2 mm	Air/Dry	-	Excellent	Excellent	Excellent	-
I10052	UPLXAPO 60XO	60X	1.42	0.15 mm	Normal Oil	0.17 mm	Excellent	Excellent	Excellent	-
I10051	UPLXAPO 100XO	100X	1.4	0.13 mm	Normal Oil	0.17 mm	Excellent	Excellent	Excellent	-

* MAG = magnification; NA = numerical aperture; WD = working distance; BF = brightfield; FL = fluorescence; UV = ultraviolet; PH = phase contrast