

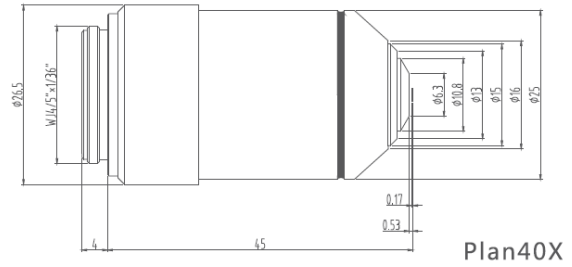


Laxco Microscope Objectives

Plan Achromat Objectives



Dimensions of objective(mm)

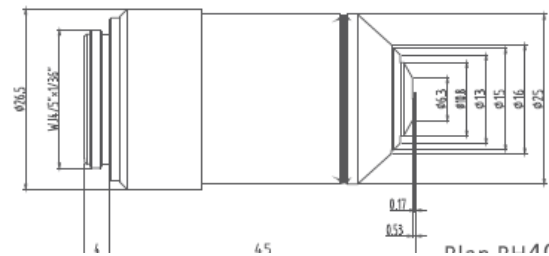


Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan Achromat	LMCP-OIP2	2X	0.06	5.03	22	-	-	-	BF
	LMCP-OIP4	4X	0.10	11.9	22	-	-	-	
	LMCP-OIP10	10X	0.25	12.1	22	-	-	-	BF DF FL
	LMCP-OIP20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIP40s	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIP50OIL	50X			22	-	Oil	Yes	
	LMCP-OIP60s	60X	0.85	0.3	22	0.17	-	Yes	BF FL
	LMCP-OIP100s	100X	1.25	0.18	22	0.17	Oil	Yes	

Plan Achromat Phase Contrast Objectives



Dimensions of objective(mm)



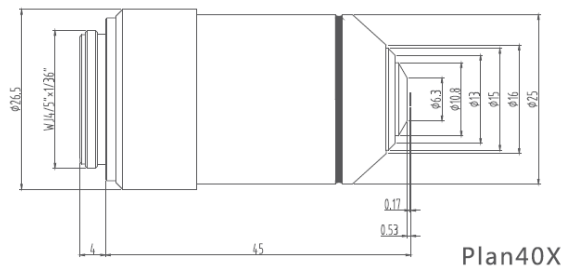
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan Achromat Phase Contrast	LMCP-OIPP10	10X	0.25	12.1	22	-	-	-	BF DF PH
	LMCP-OIPP20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIPP40s	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIPP100s	100	1.25	0.18	22	0.17	Oil	Yes	BF PH

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Achromat Strain-Free Polarization Objectives



Dimensions of objective(mm)

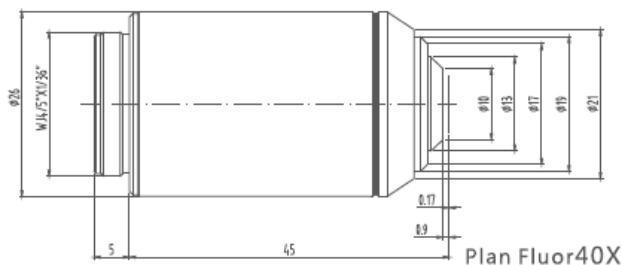


Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan Achromat POL	LMCP-OIP4X(POL)	4X	0.13	16.1	22	-	-	-	BF POL
	LMCP-OIP10X(POL)	10X	0.25	12.1	22	-	-	-	BF DF POL FL
	LMCP-OIP20X(POL)	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIP40XS(POL)	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIP60XS(POL)	60X	0.85	0.3	22	0.17	-	Yes	BF PO FL

Plan Fluor Objectives



Dimensions of objective(mm)



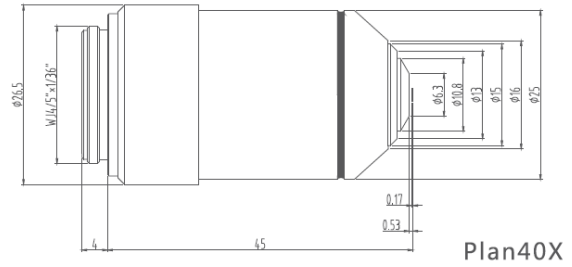
Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan Fluor	LMCP-OIPF4	4X	0.13	16.43	25	-	-	-	BF FL UVFL
	LMCP-OIP10F	10X	0.30	8.13	25	-	-	-	BF DF FL UVFL
	LMCP-OIPF20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIPF40	20X	0.50	2.03	25	0.17	-	-	
	LMCP-OIPF100	100X	1.28	0.14	25	0.17	Oil	Yes	BF FL UVFL

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Achromat Objectives



Dimensions of objective(mm)

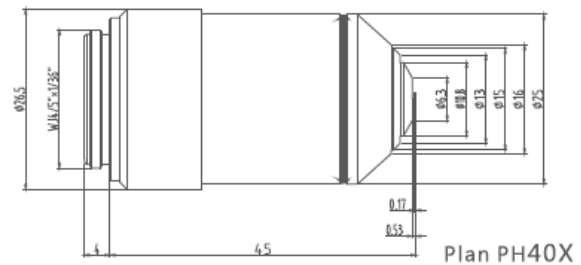


Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan	LMCP-OIP2	2X	0.06	5.03	22	-	-	-	BF
	LMCP-OIP4	4X	0.10	11.9	22	0.17	-	-	
	LMCP-OIP10	10X	0.25	12.1	22	0.17	-	-	BF DF FL
	LMCP-OIP20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIP40s	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIP50OIL	50X	0.95	0.17	22	0.17	Oil	Yes	BF FL
	LMCP-OIP60s	60X	0.85	0.3	22	0.17	-	Yes	
	LMCP-OIP100s	100X	1.25	0.18	22	0.17	Oil	Yes	

Plan Achromat Phase Contrast Objectives



Dimensions of objective(mm)



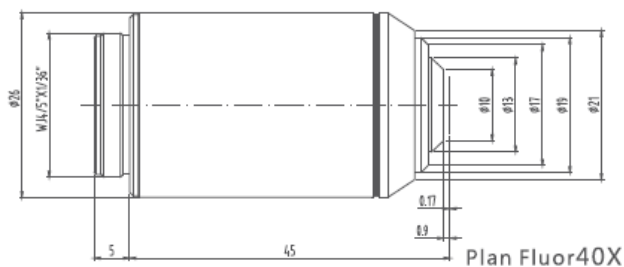
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan PH	LMCP-OIPP10	10X	0.25	12.1	22	-	-	-	BF DF PH
	LMCP-OIPP20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIPP40s	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIPP100s	100	1.25	0.18	22	0.17	Oil	Yes	BF PH

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Fluor Objectives



Dimensions of objective(mm)



Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan Fluor	LMCP-OIPF4	4X	0.13	16.43	25	-	-	-	BF FL UVFL
	LMCP-OIPF10	10X	0.30	8.13	25	-	-	-	BF DF FL UVFL
	LMCP-OIPF20	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIPF40	20X	0.50	2.03	25	0.17	-	-	
	LMCP-OIPF100	100X	1.28	0.14	25	0.17	Oil	Yes	BF FL UVFL

Plan APO Objectives



Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan APOI	LMCP-PLAPO2	2X	0.08	6.2	26.5	-	-	-	BF DF FL UVFL
	LMCP-PLAPO4	4X	0.13	16.6	26.5	-	-	-	BF DF DIC FL UVFL
	LMCP-PLAPO10	10X	0.40	2.1	26.5	0.17	-	-	
	LMCP-PLAPO20S	20X	0.75	0.6	26.5	0.17	-	-	
	LMCP-PLAPO40S	40X	0.95	0.15	26.5	0.17	-	Yes	BF DF DIC UVFL
	LMCP-PLAPO60S	60X	0.90	0.26	26.5	0.17	-	Yes	
	LMCP-PLAPO100S	100X	1.45	0.13	26.5	0.17	Oil	Yes	

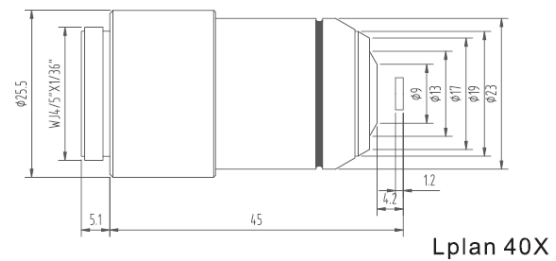
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan APO PH	LMCP-PLAPO4PH	4X	0.13	16.6	26.5	-	-	-	BF DF PH DIC FL UVFL
	LMCP-PLAPO10PH	10X	0.40	2.1	26.5	0.17	-	-	
	LMCP-PLAPO20SPH	20X	0.75	0.75	26.5	0.17	-	-	
	LMCP-PLAPO40SPH	40X	0.95	0.15	26.5	0.17	-	Yes	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Achromat Long Working Distance Objectives



Dimensions of objective(mm)

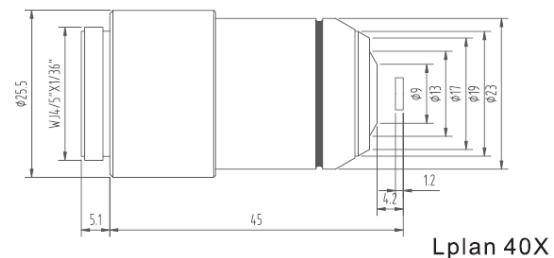


Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan	LMCP-OLIPN4	4X	0.13	10.4	22	-	-	-	BF
	LMCP-OLIPN10	10X	0.25	7.3	22	1.2	-	-	
	LMCP-OLIPN20	20X	0.40	6.79	22	1.2	-	-	
	LMCP-OLIPN40	40X	0.65	3.05	22	1.2	-	-	
	LMCP-OLIPN60	60X	0.70	1.71	22	1.2	-	-	

Plan Achromat Long Working Distance PH Objectives



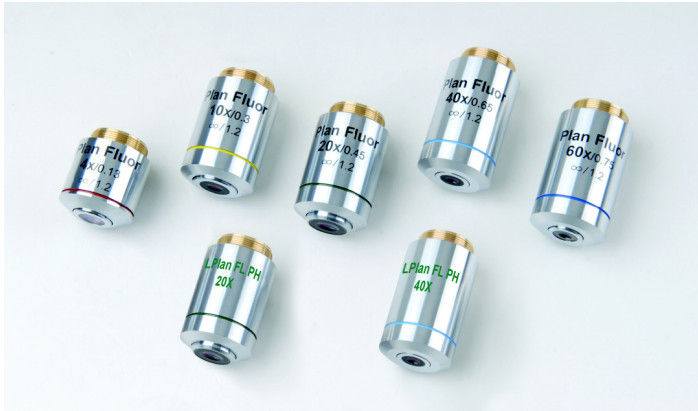
Dimensions of objective(mm)



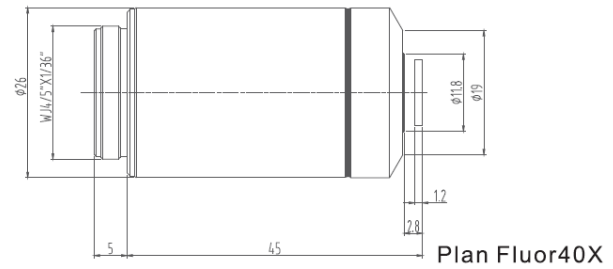
Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan PH	LMCP-OLIPP2N4	4X	0.13	10.4	22	-	-	-	BF PH
	LMCP-OLIPP2N10	10X	0.25	7.3	22	1.2	-	-	
	LMCP-OLIPP2N20	20X	0.40	6.79	22	1.2	-	-	
	LMCP-OLIPP2N40	40X	0.65	3.05	22	1.2	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Fluor Long Working Distance Objectives



Dimensions of objective(mm)

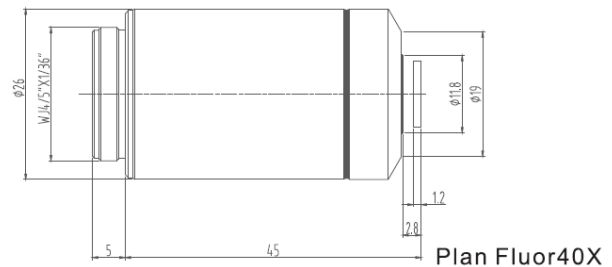


Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan Fluor	LMCP-OLIPF4	4X	0.13	18.52	25	-	-	-	BF FL UVFL
	LMCP-OLIPF10	10X	0.30	7.11	25	1.2	-	-	
	LMCP-OLIPF20	20X	0.45	5.91	25	1.2	-	-	
	LMCP-OLIPF40	40X	0.65	1.61	25	1.2	-	-	
	LMCP-OLIPF60	60X	0.75	1.04	25	1.2	-	-	

Plan Fluor Long Working Distance PH Objectives



Dimensions of objective(mm)



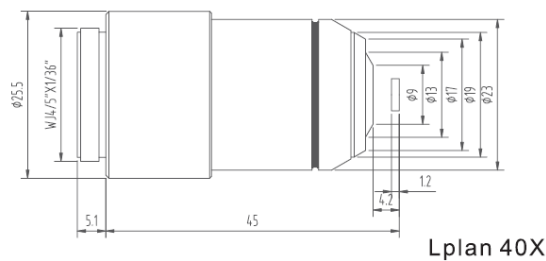
Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan Fluor PH	LMCP-OLIPP2F20	20X	0.45	5.91	25	1.2	-	-	BF PH FL UVFL
	LMCP-OLIPP2F40	40X	0.65	1.61	25	1.2	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Achromat Long Working Distance Objectives



Dimensions of objective(mm)



Brightfield

Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan	LMCP-OLIPN4	4X	0.13	10.4	22	-	-	-	BF
	LMCP-OLIPN10	10X	0.25	7.3	22	1.2	-	-	
	LMCP-OLIPN20	20X	0.40	6.79	22	1.2	-	-	
	LMCP-OLIPN40	40X	0.65	3.05	22	1.2	-	-	
	LMCP-OLIPN60	60X	0.70	1.71	22	1.2	-	-	

Phase Contrast Objectives

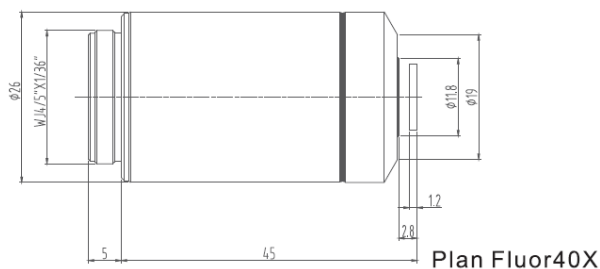
Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan PH	LMCP-OLIPP2N4	4X	0.13	10.4	22	-	-	-	BF PH
	LMCP-OLIPP2N10	10X	0.25	7.3	22	1.2	-	-	
	LMCP-OLIPP2N20	20X	0.40	6.79	22	1.2	-	-	
	LMCP-OLIPP2N40	40X	0.65	3.05	22	1.2	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Plan Fluor Long Working Distance Objectives



Dimensions of objective(mm)



Brightfield

Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan Fluor	LMCP-OLIPF4	4X	0.13	18.52	25	-	-	-	BF FL UVFL
	LMCP-OLIPF10	10X	0.30	7.11	25	1.2	-	-	
	LMCP-OLIPF20	20X	0.45	5.91	25	1.2	-	-	
	LMCP-OLIPF40	40X	0.65	1.61	25	1.2	-	-	
	LMCP-OLIPF60	60X	0.75	1.04	25	1.2	-	-	

Phase Contrast

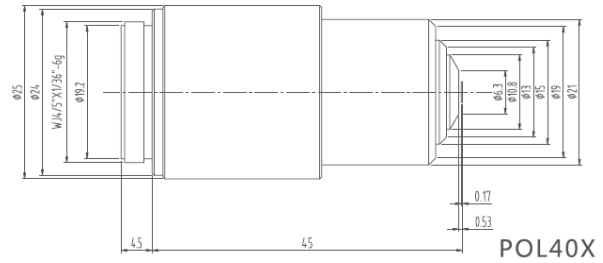
Series	Pat Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LPlan Fluor PH	LMCP-OLIPP2F20	20X	0.45	5.91	25	1.2	-	-	BF PH FL UVFL
	LMCP-OLIPP2F40	40X	0.65	1.61	25	1.2	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Strain Free Plan Achromat Objectives



Dimensions of objective(mm)

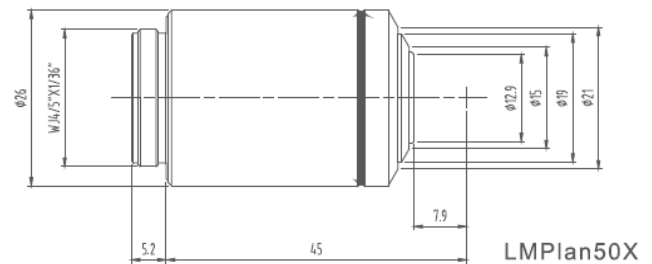


Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
Plan POL	LMCP-OIP4X(POL)	4X	0.13	16.1	22	-	-	-	BF PO
	LMCP-OIP10X(POL)	10X	0.25	12.1	22	-	-	-	BF DF PO FL
	LMCP-OIP20X(POL)	20X	0.40	1.56	22	0.17	-	-	
	LMCP-OIP40XS(POL)	40X	0.65	0.36	22	0.17	-	Yes	
	LMCP-OIP60XS(POL)	60X	0.85	0.3	22	0.17	-	Yes	BF PO FL

LWD Strain Free Plan Achromat Objectives



Dimensions of objective(mm)



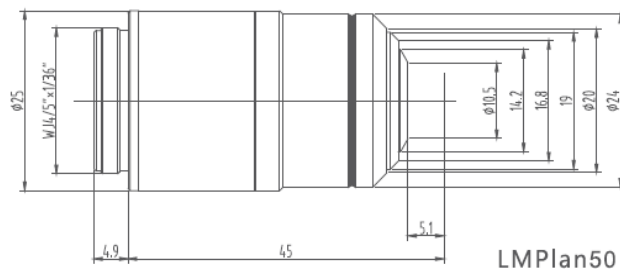
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlan POL	LMCP-OLIP5NC(POL)	5X	0.15	10.8	25	-	-	-	BF PO DIC FL
	LMCP-OLIP10NC(POL)	10X	0.30	12.2	25	-	-	-	
	LMCP-OLIP20NC(POL)	20X	0.45	4.0	25	-	-	-	
	LMCP-OLIP50NC(POL)	50X	0.55	7.9	25	-	-	-	BF PO FL
	LMCP-OLIP100NC(POL)	100X	0.80	2.1	25	-	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Industrial Plan Achromat Objectives



Dimensions of objective(mm)



Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlan	LMCP-OLIP5NC	5X	0.15	10.8	25	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIP10NC	10X	0.30	12.2	25	0	-	-	
	LMCP-OLIP20NC	20X	0.45	4.0	25	0	-	-	
	LMCP-OLIP50NC	50X	0.55	7.9	25	0	-	-	BF PO FL UVFL
	LMCP-OLIP100NC	100X	0.80	2.1	25	0	-	-	
LMPlan-DIC	LMCP-OLIP5NC-DIC	5X	0.15	10.8	25	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIP10NC-DIC	10X	0.30	12.2	25	0	-	-	
	LMCP-OLIP20NC-DIC	20X	0.45	4.0	25	0	-	-	
	LMCP-OLIP50NC-DIC	50X	0.55	7.9	25	0	-	-	
	LMCP-OLIP100NC-DIC	100X	0.80	2.1	25	0	-	-	

Industrial Plan Fluor Objectives



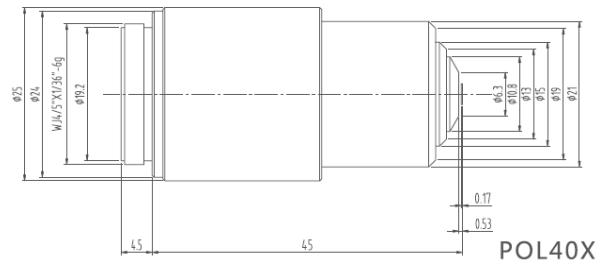
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlanFL	LMCP-OLIPFL5NC	5X	0.15	19.5	26.5	0	-	-	BF PO DIC FL
	LMCP-OLIPFL10NC	10X	0.30	10.9	26.5	0	-	-	
	LMCP-OLIPFL20NC	20X	0.50	3.2	26.5	0	-	-	
	LMCP-OLIPFL50NC	50X	0.80	1.2	26.5	0	-	-	
	LMCP-OLIPFL100NC	100X	0.90	1	26.5	0	-	-	
LMPlanFL-DIC	LMCP-OLIPFL5NC-DIC	5X	0.15	19.5	26.5	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIPFL10NC-DIC	10X	0.30	10.9	26.5	0	-	-	
	LMCP-OLIPFL20NC-DIC	20X	0.50	3.2	26.5	0	-	-	
	LMCP-OLIPFL50NC-DIC	50X	0.80	1.2	26.5	0	-	-	
	LMCP-OLIPFL100NC-DIC	100X	0.90	1	26.5	0	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

Industrial Brightfield/Darkfield Plan Achromat Objectives



Dimensions of objective(mm)



Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlan-BD	LMCP-OLIPBD5NC-DIC	5X	0.15	10.8	25	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIPBD10NC-DIC	10X	0.30	12.2	25	0	-	-	
	LMCP-OLIPBD20NC-DIC	20X	0.45	4.0	25	0	-	-	
	LMCP-OLIPBD50NC-DIC	50X	0.55	7.9	25	0	-	-	BF PO FL UVFL
	LMCP-OLIPBD100NC-DIC	100X	0.80	2.1	25	0	-	-	

Industrial Brightfield/Darkfield Plan Fluor Objectives



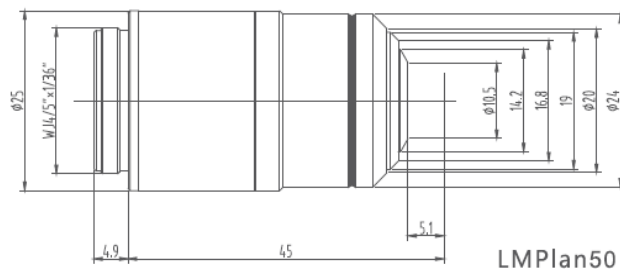
Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlanFL	LMCP-OLIPFBD5NC-DIC	5X	0.15	13.5	26.5	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIPFBD10NC-DIC	10X	0.30	9	26.5	0	-	-	
	LMCP-OLIPFBD20NC-DIC	20X	0.50	2.5	26.5	0	-	-	
	LMCP-OLIPFBD50NC-DIC	50X	0.90	1	26.5	0	-	-	BF PO FL UVFL
	LMCP-OLIPFBD100NC-DIC	100X	0.90	1	26.5	0	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation))
UVFL(UV Fluorescence (at 365nm))

Industrial Plan Achromat Objectives



Dimensions of objective(mm)



Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlan	LMCP-OLIP5NC	5X	0.15	10.8	25	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIP10NC	10X	0.30	12.2	25	0	-	-	
	LMCP-OLIP20NC	20X	0.45	4.0	25	0	-	-	
	LMCP-OLIP50NC	50X	0.55	7.9	25	0	-	-	BF PO FL UVFL
	LMCP-OLIP100NC	100X	0.80	2.1	25	0	-	-	
LMPlan-DIC	LMCP-OLIP5NC-DIC	5X	0.15	10.8	25	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIP10NC-DIC	10X	0.30	12.2	25	0	-	-	
	LMCP-OLIP20NC-DIC	20X	0.45	4.0	25	0	-	-	
	LMCP-OLIP50NC-DIC	50X	0.55	7.9	25	0	-	-	
	LMCP-OLIP100NC-DIC	100X	0.80	2.1	25	0	-	-	

Industrial Plan Fluor Objectives



Series	Part Number	Magnification	N.A.	W.D. (mm)	F.N.	Coverslip Thickness	Immersion Medium	Spring	Illumination Techniques
LMPlanFL	LMCP-OLIPFL5NC	5X	0.15	19.5	26.5	0	-	-	BF PO DIC FL
	LMCP-OLIPFL10NC	10X	0.30	10.9	26.5	0	-	-	
	LMCP-OLIPFL20NC	20X	0.50	3.2	26.5	0	-	-	
	LMCP-OLIPFL50NC	50X	0.80	1.2	26.5	0	-	-	
	LMCP-OLIPFL100NC	100X	0.90	1	26.5	0	-	-	
LMPlanFL-DIC	LMCP-OLIPFL5NC-DIC	5X	0.15	19.5	26.5	0	-	-	BF PO DIC FL UVFL
	LMCP-OLIPFL10NC-DIC	10X	0.30	10.9	26.5	0	-	-	
	LMCP-OLIPFL20NC-DIC	20X	0.50	3.2	26.5	0	-	-	
	LMCP-OLIPFL50NC-DIC	50X	0.80	1.2	26.5	0	-	-	
	LMCP-OLIPFL100NC-DIC	100X	0.90	1	26.5	0	-	-	

▲ Note:BF(Brightfield) DF(Darkfield) PH(Phase Contrast) PO(Polarized Light) FL(Fluorescence (B,G Excitation)) UVFL(UV Fluorescence (at 365nm))

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