



LASERMET LTD

laser safety solutions



Type L04



Type L07



Type L05



Type L08

High Protection Glass Filter Eyewear from LaserVision

At the time of writing this range of eyewear offers the highest protection levels (L no.s defined in standard EN 207) available from any manufacturer. A range of eyewear specified for Femtosecond and Picosecond lasers (M rated) is also available and is listed on a separate brochure and on our website. Please contact our sales department if you require any advice.

Note that the central part of the order code defines the frame style. The letter 'K' indicates a reinforced frame, but the frames will still appear as shown in the pictures above.

Laser Type	Frame type & order code	Wavelength range(s) (nm)	Optical Density	EN 207 L No.s			Visible light trans. (%)
				D	I	R	
Excimer, UV, Triple & Quad YAG	LV-L04-60	180 - 315	>9	9	5	5	85
	LV-L07K-60	315 - 380	>8	5	8	8	light yellow
	LV-L08K-60						
Excimer, UV, Triple & Quad YAG	LV-L05K-60	180 - 315	>9	9	4	4	85
		315 - 380	>8	5	8	8	light yellow
Argon, Excimer, UV	LV-L04-66	180 - 315	>9	9	4	4	60
	LV-L07K-66	315 - 515	>4	4	4	4	
	LV-L08K-66	515	4 - 5	4	4	-	orange
Argon, Excimer, UV	LV-L04-01	180 - 315	>9	9	5	5	50
	LV-L07K-01	315 - 515	>8	6	8	8	
	LV-L08K-01	528	>5	5	5	4	orange
Argon, Excimer, UV	LV-L05K-01	180 - 315	>9	9	4	4	50
		315 - 515	>9	7	9	-	
		528	>4	4	4	4	orange
KTP, Argon, Excimer, UV	LV-L04-13	180 - 315	>9	9	5	5	40
	LV-L07K-13	315 - 532	>8	6	8	4	orange
	LV-L08K-13						

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				D	I	R	
KTP, Argon, Excimer, UV	LV-L05K-13	180 - 315	>9	9	4	4	40 orange
		315 - 532	>8	7	8	4	
KTP	LV-L08K-24	532 > 6	6	6	6	48 pink	
KTP	LV-L07K-83 LV-L08K-83	530 - 535	> 6	6	6	5 purple	16
YAG & Harmonics (KTP, UV)	LV-L05K-27	180 - 315	>9	9	4	4	30 orange
		315 - 532	>8	6	8	5	
		1045 - 1064	>6	6	6	6	
YAG & Harmonics (KTP, UV)	LV-L07K-27	180 - 315	>9	9	5	5	30 orange
		315 - 532	>7	6	7	5	
		1045 - 1100	>7	7	7	7	
YAG & Harmonics (KTP, UV)	LV-L08K-27	180 - 315	>10	9	5	5	30 orange
		315 - 532	>7	6	7	5	
		1045 - 1100	>7	7	7	7	
YAG & Harmonics (KTP, UV)	LV-L05K-37	180 - 315	>8	8	4	4	15 orange
		315 - 532	>8	7	8	6	
		1045 - 1064	>7	6	7	6	
YAG & Harmonics (KTP, UV)	LV-L07K-37	180 - 315	>9	9	5	5	15 orange
		315 - 532	>8	8	8	6	
		1045 - 1100	>7	7	7	7	
YAG & Harmonics (KTP, UV)	LV-L08K-37	180 - 315	>10	10	5	5	15 orange
		315 - 532	>8	8	8	6	
		1045 - 1100	>7	7	7	7	
YAG & Harmonics (KTP, UV) & Telecom	LV-L08-67	193 - 315	>8	8	5	5	27 orange
		315 - 532	>8	5	7	4	
		1050 - 1400	>8	5	7	7	
YAG with Harmonics & Diode	LV-L07K-28 LV-L08K-28	190 - 315	>8	8	5	5	7 brown
		315 - 532	>7	5	7	4	
		750 - 1064	>7	5	7	5	
		633 R1					
Copper Vapour	LV-L07-51	510 > 4	4	4	-	27	
	LV-L08-51	578 > 4	4	4	-	brown	
KTP, YAG, Dye, Copper Vapour, Diode	LV-L05K-30	510 - 512	>5	5	5	5	15 purple
		524 - 532	>7	6	7	7	
		575 - 595	>7	6	7	7	
		595 - 602	>6	6	6	6	
		603 - 605	>3	3	3	3	
		734 - 750	>6	5	6	6	
		750 - 760	>7	6	7	7	
		795 - 815	>5	5	5	5	
		1054 - 1064	>6	6	6	6	
KTP, YAG, Dye, Diode	LV-L07K-30	524 - 532	>7	6	7	7	15
		575 - 595	>7	6	7	7	
		595 - 602	>6	6	6	6	
		603 - 605	>3	3	3	3	
		734 - 750	>6	5	6	6	
		750 - 760	>7	6	7	7	
		795 - 815	>5	5	5	5	
Copper Vapour, KTP, Argon, Excimer, UV	LV-L04-12	180 - 315	>9	9	5	5	10 red
	LV-L07K-12	315 - 515	>8	6	8	8	
	LV-L08K-12	515 - 578	>7	6	7	7	
Dye	LV-L08-21	560 - 570	>4	4	4	4	10 blue
		570 - 580	>5	5	5	5	
		580 - 650	>6	5	6	6	
Dye	LV-L07K-25	580 - 590	>7	5	7	-	17 brown
	LV-L08-25						
Dye, HeNe, Red & IR Diode	LV-L04-47	580 - 610	>2	2	2	2	7 blue
	LV-L07-47	610 - 800	>3	3	3	3	
	LV-L08-47						
HeNe	LV-L07K-34	627 - 650	>5	5	5	-	55 turquoise
	LV-L08-34						

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				D	I	R		
HeNe, Ruby, Red & IR Diode, YAG, Telecom	LV-L07K-58 LV-L08K-58	620 - 690	> 2	2	-	-	32 blue-green	
		690 - 755	> 8	6	8	8		
		755 - 1050	> 7	5	7	7		
		1050 - 1320	> 5	5	5	5		
		633 R3						
Ruby	LV-L07K-84	680 - 710	> 6	5	6	6	69 light blue	
Ruby	LV-L05-S323/96 LV-L07-S322/96 LV-L08-S322/96	694	> 6	5	6	6	77 light blue	
Ruby, Diode, YAG, Telecom, CO2	LV-L05K-48	690 - 1040	> 7	7	7	7	35 green	
		1040 - 1070	> 8	7	8	8		
		1070 - 1320	> 6	6	6	6		
		1550	> 2	2	2	2		
		10600	> 4	4	-	-		
Ruby, Diode, YAG, Telecom, CO2	LV-L07K-48 LV-L08K-48	690 - 1320	> 7	6	7	7	35 green	
		1320 - 1550	> 3	3	3	3		
		10600	> 4	3	4	-		
		633 R2						
Alexandrite, Diode	LV-L07K-23 LV-L08K-23	750 - 840	> 7	6	7	-	62	
		840 - 850	> 4	4	4	-	light grey	
Alexandrite	LV-L07K-S39/97 LV-L08K-S39/97	755	> 8	6	8	-	55 light grey	
IR Diode	LV-L07K-85 LV-L08K-85	780 - 815	> 6	6	6	6	90 light blue	
IR Diode	LV-L05-44	780 - 790	> 3	3	3	3	80 clear	
		790 - 800	> 4	4	4	4		
		800 - 840	> 5	5	5	5		
		840 - 860	> 4	4	4	4		
IR Diode	LV-L05-43	925 - 960	> 3	3	3	3	80 clear	
		960 - 970	> 4	4	4	4		
		970 - 1000	> 5	5	5	5		
		1000 - 1010	> 3	3	3	3		
IR Diode, YAG & Holmium	LV-L07K-71 LV-L08K-71	700 - 720	> 5	5	5	5	65 green-blue	
		720 - 1060	> 6	5	6	6		
		2100	> 5	3	3	3		
IR Diode, YAG & CO2	LV-L04-68 LV-L07K-68 LV-L08K-68	750 - 1100	> 8	5	8	8	45 light green	
		10600	> 4	3	4	-		
		633 R1						
IR Diode, YAG & CO2	LV-L05K-68	750 - 1100	> 8	6	8	8	45 light green	
		10600	> 4	4	4	-		
		633 R1 670 R3						
IR Diode & YAG	LV-L07K-62 LV-L08K-62	808 - 1064	> 10	5	8	8	50 blue-green	
Diode, Nd:YAG, Telecom, Holmium, Erbium, CO, CO2	LV-L05K-96 LV-L07K-96 LV-L08K-96	850 - 900	> 2	2	2	2	75 light grey	
		900 - 950	> 3	3	3	3		
		950 - 1030	> 4	4	4	4		
		1030 - 1400	> 5	5	5	5		
		1400 - 2200	> 4	4	4	4		
		2400 - 2800	> 3	3	3	3		
		2800 - 3200	> 4	4	4	4		
		3200 - 10600	> 5	5	5	-		
Diode, Nd:YAG, Telecom, Holmium, Erbium	LV-L07K-07 LV-L08K-07	900 - 1050	> 6	6	6	6	60 light grey	
		1050 - 1400	> 7	7	8	8		
		1400 - 3000	> 5	5	5	5		
Diode, Nd:YAG, Telecom, Holmium, Erbium, CO2	LV-L07K-26 LV-L08K-26	950 - 1000	> 4	4	4	4	66 light grey	
		1000 - 1050	> 7	7	7	7		
		1050 - 1400	> 8	7	8	8		
		1400 - 2100	> 5	5	5	-		
		2100 - 2800	> 4	4	4	-		
		2800 - 3000	> 5	5	5	-		
		10600	> 4	4	4	-		

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				D	I	R	
YAG & Telecom	LV-L05-04	960 - 1400	> 4	4	4	4	80
	LV-L07-04	1400 - 1700	> 2	2	2	2	
	LV-L08-04					light grey	
Nd:YAG, Telecom, Erbium, CO2	LV-L07K-73	950 - 1000	> 4	4	4	4	55
	LV-L08K-73	1000 - 1050	> 7	6	7	7	
		1050 - 1400	> 8	6	8	8	
		2780 - 3000	> 5	5	4	-	
		10600	> 5	5	4	-	
Nd:YAG, Telcom, Holmium, Erbium, CO, CO2	LV-L05K-06	950 - 1000	> 4	4	4	4	70
		1000 - 1050	> 7	7	7	7	
		1050 - 1400	> 8	7	8	8	
		1400 - 2200	> 5	5	3	3	
		2780 - 3000	> 4	4	4	4	
		5400	> 4	4	4	4	
		9000 - 10600	> 4	4	4	4	
Nd:YAG, Telecom, Holmium, Erbium, CO, CO2	LV-L07K-06	950 - 1000	> 4	4	4	4	70
	LV-L08K-06	1000 - 1050	> 7	6	7	7	
		1050 - 1400	> 8	6	8	8	
		1400 - 2200	> 3	3	3	3	
		2780 - 3000	> 4	3	4	-	
		5400	> 4	3	4	-	
Nd:YAG	LV-L07K-87	1020 - 1100	> 6	6	6	6	86
	LV-L08K-87					clear	
	LV-L05K-93	1048 - 1064	> 6	6	6	6	
Nd:YAG & CO2	LV-L05-92	1040 - 1080	> 5	5	5	5	80
		10600	> 2	2	2	-	
Nd:YAG, Holmium, CO, CO2	LV-L04-35	1060 - 1064	> 8	8	8	6	77
	LV-L07K-35	2000 - 2200	> 2	2	2	1	
	LV-L08K-35	5400	> 4	3	4	2	
		9000 - 10600	> 4	3	4	2	
Nd:YAG, Holmium, CO, CO2	LV-L05K-35	1060 - 1064	> 8	8	8	6	77
		2000 - 2200	> 2	2	2	2	
		5400	> 4	3	4	2	
		9000 - 10600	> 4	3	4	2	
Erbium	LV-L04-70	2780	> 1	1	1	-	80
	LV-L07K-70	2900 - 3000	> 4	3	4	-	
	LV-L08K-70					light grey	
Erbium	LV-L05K-70	2900 - 3000	> 4	3	4	-	80
CO & CO2	LV-L04-08	5400	> 4	4	4	5	90
	LV-L07K-08	9000 - 10600	> 6	5	6	5	clear
CO & CO2	LV-L05K-08	5400	> 4	5	5	4	90
		9000 - 10600	> 6	5	5	4	clear
CO & CO2	LV-L08K-08	5400	> 4	4	4	5	90
		9000 - 11000	> 6	5	6	5	clear
CO2	LV-L05K-A2	9000 - 11000	> 4	4	4	4	91
	LV-L07K-A2						
	LV-L08K-A2					light grey	

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