



LASERMET LTD

laser safety solutions



Type LGF



Type LGM



Type EL



Type ES



Type FS

Lightweight Polycarbonate Eyewear from Glendale

Similar to the Lasermet range of LM- laser protective eyewear (listed on a different brochure), this eyewear is made from polycarbonate, which makes it very lightweight and easy to wear. We also offer an extensive range of glass filter eyewear. To help you in your choice of laser protective eyewear please see the article entitled 'Polycarbonate versus Glass Filter Eyewear' on the 'Resources' section of our website. Alternatively you can call our sales department for advice.

Note that the central part of the order code defines the frame type.

Laser Type	Frame type & order code	Wavelength range(s) (nm)	Optical Density	EN 207 L No.s			Visible light trans. (%)
				D	I	R	
Excimer, Quad YAG,	GL-EL-10	180 - 315	> 9	7	4	4	70
	GL-ES-10	315 - 380	> 9	-	-	-	
		9000 – 11000	> 5	3	-	-	light pink
Excimer, Quad YAG, Triple YAG	GL-LGF-10 GL-LGM-10	193	>3	3	-	3	70
		266	>3	3	-	3	
		308	>5	5	-	5	light pink
		190 – 380	>9				
		10600	>7				

Laser Type	Frame type & order code	Wavelength range(s) (nm)	Optical Density	EN 207 L No.s			Visible light trans. (%)
				D	I	R	
UV, Argon, KTP	GL-EL-250	190 - 315 315 - 532	>7 >7	7 5	4 6	4 4	45 orange
UV, Argon, KTP	GL-ES-250	190 - 315 315 - 532	>7 >7	7 5	- 5	4 -	45 orange
Argon, KTP	GL-LGF-250	190 - 315 315 - 532	>7 >7	7 5	4 6	4 5	45 orange
KTP & YAG	GL-LGF-110 GL-LGM-110	532 1064	>5.5 >5.5	5 5	6 5	6 5	35 brown
Dye	GL-LGF-50	585 - 604	> 5	3	5	-	15 blue
Red Diode	GL-EL-310 GL-ES-310	610 - 690	> 4	4	4	-	20 blue
Ruby, Alexandrite	GL-LGF-100	681 - 689 689 - 782 782 - 789 694	> 5 > 7 > 5 > 7	4 4 4 4	4 6 4 6	4 6 4 7	>20 violet
Alexandrite	GL-LGF-90 GL-LGM-90	755 715 - 810	> 7 > 4	5 -	6 -	- -	45 pink
Alexandrite	GL-FS-90	755 715 - 810	> 7 > 4	5 4	6 4	- -	45 pink
Alexandrite / Diode	GL-EL-120 GL-ES-120 GL-LGM-120 GL-LGF-120	755 - 780 780 - 830 830 - 855	>4 >7 >4	- 5 -	- 5 -	- - -	45 pink
Nd:YAG & IR Diode	GL-EL-150 GL-ES-150	800 - 810 810 - 1100	>5 >7	5 5	6 7	4 4	45 green
Nd:YAG & IR Diode	GL-LGF-150	800 - 810 810 - 1100	>5 >7	5 5	6 7	5 5	45 green
Nd:YAG & IR Diode	GL-LGM-150	800 - 810 810 - 1075	> 5 > 7	4 4	4 4	5 5	45 green
Nd:YAG & IR Diode	GL-FS-150	800 - 810 810 - 1100	> 5 > 7	5 5	- 7	5 5	45 green
ND:YAG & CO2	GL-EL-160	925 - 1064 9000 - 11000	> 5 > 5	5 3	5 -	4 -	60 green
ND:YAG & CO2	GL-ES-160	925 - 1064 9000 - 11000	> 5 > 5	5 3	- -	- -	60 green
ND:YAG & CO2	GL-LGF-160	925 - 1064 9000 - 11000	> 5 > 5	5 3	5 -	5 -	60 green
ND:YAG & CO2	GL-LGM-160	925 - 1064 10600	> 5 > 5	5 3	4 -	5 -	60 green
ND:YAG & CO2	GL-FS-160	925 - 1064 10600	> 5 > 5	5 3	5 -	5 -	60 green
Telecom & IR Diode	GL-LGF-140 GL-LGM-140	804 - 1755	>3	3	3	3	30 green
Erbium & CO2	GL-LGF-170	2760 - 3000 10600	> 3 > 3	3 3	3 3	- -	85 clear
CO2	GL-LGF-180 GL-LGM-180	10600	> 2	2	-	-	89 Clear

Lasermet offer a full range of laser safety products and services.

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