



LASERMET LTD

laser safety solutions




Type ZE-KBL



Type ZE-BMLI



Type ZE-D



Type ZE-BML

Glendale Range of Glass Filter Protective Eyewear

Lasermet offer a massive range of laser protective eyewear including both glass and polycarbonate filters. Generally speaking glass filter eyewear offers higher protection levels and a greater visible light transmission than polycarbonate eyewear. For a full discussion of the differences between glass and polycarbonate eyewear see the Article entitled 'Glass Filters versus Polycarbonate Filters' on the Resources section of our website.

As well as the range of glass filter eyewear shown here see our other eyewear brochures for further information on glass filter eyewear as well as several ranges of polycarbonate eyewear. For guidance on the most appropriate eyewear for your application please contact our sales department.

NB. To complete the product code, insert the frame type between the ZE and the number, in the filter code. Eg ZE-BML-40.

Laser Type	Wavelength range(s) (nm)	Optical Density	IEN 207 L No.s			Visible light trans. (%)	Frame type	Filter code
			D	I	R			
Argon, Excimer	180 - 315	> 7	7	4	4	>60	BML	ZE-80
	315 - 505	> 7	5	7	7		or	
	505 - 515	>6	5	6	6	yellow	KBL	
Argon, KTP, Copper Vapour	180 - 315	>7	7	4	4	17	BML	ZE-90
	315 - 560	>7	5	7	7		or	
	560 - 570	> 5	5	5	5	red	KBL	

Laser Type	Wavelength range(s) (nm)	Optical Density	IEN 207 L No.s			Visible light trans. (%)	Frame type	Filter code
			D	I	R			
Red Diode, HeNe, IR Diode, YAG	590 - 610	>2	2	2	2	>20 blue	BML or KBL	ZE-100
	610 - 640	>3	3	3	3			
	640 - 670	>4	4	4	4			
	670 - 710	>5	5	5	5			
	710 - 750	>6	5	6	6			
	750 - 890	>7	5	7	7			
	890 - 940	>6	5	6	6			
	940 - 990	>5	5	5	5			
	990 - 1064	>4	4	4	4			
YAG & Harmonics, KTP and Argon	180 - 315	> 8	8	4	4	25 reddish brown	BML or KBL	ZE-40
	315 - 532	> 7	5	7	-			
	1064	>4	4	4	4			
YAG & Harmonics, KTP and Argon	180 - 315	> 9	9	-	4	25 reddish brown	D	ZE-43
	315 - 532	> 7	5	7	-			
	1064	> 4	4	4	4			
YAG & Near IR	750 - 1100	> 7	5	7	7	60 light blue	BML or KBL	ZE-50
	1100 - 1200	> 5	5	5	5			
YAG & Near IR	750 - 780	> 7	5	7	7	60 light blue	D	ZE-53
	780 - 1100	> 8	5	8	8			
	1100 - 1200	> 5	5	5	5			
YAG, Holmium & Erbium	900 - 1000	> 5	5	5	5	>65 Greenish grey	BML	ZE-20
	1000 - 1400	> 7	5	7	7			
	1400 - 3000	> 3	3	3	-			
	10600	> 3	3	3	-			
YAG, Holmium & Erbium	900 - 1000	> 5	5	5	5	>65 Greenisg grey	D	ZE-20
	1000 - 1400	> 8	7	7	8			
	1400 - 2500	> 5	5	5	-			
	2500 - 2800	> 4	4	4	-			
	2800 - 3000	> 5	5	5	-			
	10600	>5	4	5	-			
YAG, Holmium & Erbium	900 - 1000	> 5	5	5	5	>65 Greenisg grey	D	ZE-23
	1000 - 1400	> 7	7	7	8			
	1400 - 2500	> 7	7	6	-			
	2500 - 2800	> 5	5	5	-			
	2800 - 3000	> 4	4	4	-			
	10600	>5	4	5	-			
CO2	9500 - 10600	> 4	3	4	-	>90 Clear	BML	ZE-10
CO2	10600	> 5	5	5	-	90 Clear	BMLI	ZE-10
CO2	10600	> 5	5	5	-	90 Clear	D	ZE-13

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

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