

Laser Safety Eyewear

LASERMATE GROUP, INC.

The Friend of Lasers

Table of Contents

Laser Safety Eyewear Overview.....	2
How to Choose Your Laser Safety Eyewear...	3
How to Read.....	4
Filter – Eye Protection.....	5
Filter – Visible Alignment.....	17
Filter – Flashlamp/IPL.....	22
Frames – Fitout Style.....	23
Frames – Wraparound Style.....	24

Laser Safety Eyewear Overview



Lasermate Group, Inc. offers a vast range of laser safety eyewear and goggles for a wide selection of wavelength ranges. We also provide an extensive collection of frame styles – fitout and wraparound – as well as filters for various applications, in particularly eye protection, visible alignment, and broadband intense pulsed light (IPL). Following the European and American standards, our LaserShield products are manufactured in the United States, and provide EN207 and ANSI Z136 compliant and CE certified laser radiation protection.



FILTERS

- **Wavelength Range: 180nm to 10600nm**
- **Applications:**
 - > Eye Protection
 - > Visible Alignment
 - > Flashlamp/Intense Pulsed Light (IPL)
- **EN207 (European Standard) Compliant**
- **ANSI Z136 (American Standard) Compliant**

FRAMES

- **Style Types**
 - > Fitout
 - > Wraparound
- **Sizes:**
 - > **Extra-Small**
 - > **Small**
 - > **Medium**
 - > **Large**
 - > **Extra-Large**
 - > **Universal**
- **CE Certified**

HOW TO CHOOSE YOUR LASER SAFETY EYEWEAR



STEP 1

- **Determine the Optical Density (OD) for wavelength and power of the laser**
 - Consult the laser manufacturer or refer to laser manual for eyewear requirements.
 - Consider the conditions and needs of the use (i.e. eye protection, visible alignment, flashlamp/IPL).
 - Confirm that the filter will reduce possible energy exposure to below the Maximum Permissible Exposure (MPE).

STEP 2

- **Consider the Visible Light Transmittance (VLT) of the Filter**
 - Consider the working environment
 - VLT is the percentage of visible light transmitted through a filter, calculated against the spectral sensitivity of the eye to daylight. Typically, the higher the VLT, the lighter the color of the filter. High VLT is most suitable for low-light environments. VLT values below 20% is suggested to be used in well-lit working environments.

STEP 3

- **Select Frame style**
 - Consider whether users require a frame option that fits over prescription glasses or an adjustable frame to accommodate a variety of faces.
 - Ensure that the selected frame meets individual needs, and is face-forming and well-fitting with no gaps.

STEP 4

- **Part Number = [Filter Code] – [Frame Style No.]**
 - i.e. Filter Code **EC2** with Frame Style No. **42** – Large Fitover
 - **Part Number = EC2-42**

HOW TO READ

FILTERS

Filter Code EN207 Certification VLT Filter Color Total Price, including both Filter and Frame Optical Density vs. Wavelength (in blue)

EC2: EN207 Certified. Visible light transmittance: 93% Clear. \$90 (Filter+Frame)

λ [nm]	OD
190-398	7+
9000-11000	7+

OD Specs (ANSI Z136)

λ [nm]	L-Rating
190-315	D LB7 + IRLB4
>315-398	DIRMLB5
9000-11000	DILB3

L-Rating Specs (EN207)



Transmittance vs. Wavelength (in red)

FRAMES

Frame Style No. → **42**

Size: LARGE
Dimensions: 138mm×130mm×52mm

Features:

- Large universal fit
- Comfortable over prescription glasses or alone
- Wider nose bridge and adjustable temples (length and angle)

CE certified

OD to % Transmittance Conversions

OD	Transmittance	OD	Transmittance
0.0	100%	5.0	0.001%
1.0	10%	6.0	0.0001%
2.0	1%	7.0	0.00001%
3.0	0.1%	8.0	0.000001%
4.0	0.01%	9.0	0.0000001%

$$OD = \log_{10} \frac{1}{T}$$

$$T = 10^{-OD}$$

OD = Optical Density
T = Transmittance (decimal)

CE Certification

FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

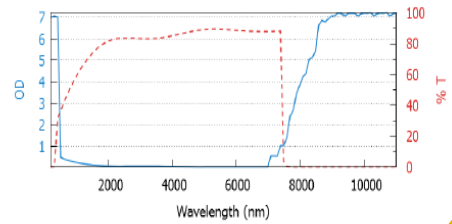
Holmium-Erbium
2100-2940nm
Combo

Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

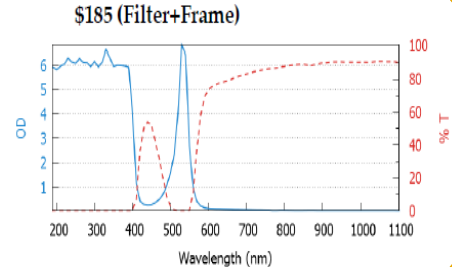
EC2: EN207 Certified. Visible light transmittance: 93% Clear. \$90 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-308	7+	190-315	D LB7 + IRLB4
9000-11000	7+	>315-308	DIRMLB5
		9000-11000	DILB3



KT2: Visible light transmittance: 39% Pink.

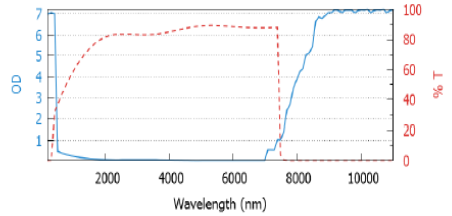
λ [nm]	OD	λ [nm]	L-Rating
525-540	5+		Pending
532-535	7+		



\$185 (Filter+Frame)

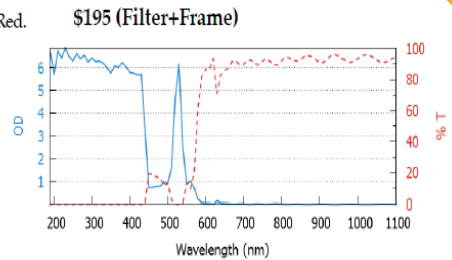
EC3: EN207 Certified. Visible light transmittance: 90% Clear. \$150 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-380	5+	190-315	D LB7 + IRLB3
9000-11000	7+	>315-375	DIRMLB5
		9000-11000	DILB4



KTP: EN207 Certified. Visible light transmittance: 34% Red.

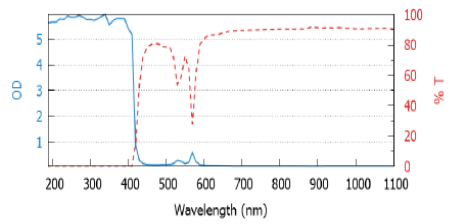
λ [nm]	OD	λ [nm]	L-Rating
190-435	5+	190-435 + 523-535	DIRMLB5
523-535	5+	532	DIRMLB6
532	6+		



\$195 (Filter+Frame)

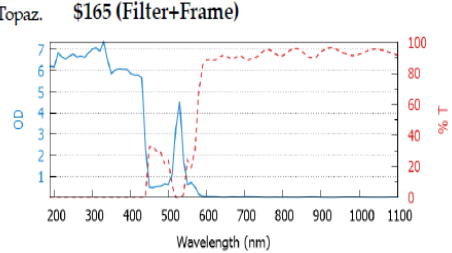
BD1: EN207 Certified. Visible light transmittance: 66% Plum. \$165 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-410	5+	190-315	D LB7 + IRLB4
		>315-410	DIRMLB5



AG4: EN207 Certified. Visible light transmittance: 45% Topaz. \$165 (Filter+Frame)

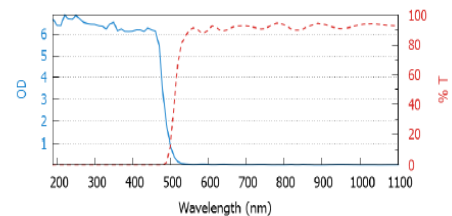
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	532	DIRLB4
520-535	3+	520-535	DIRLB3
532	4+		



\$165 (Filter+Frame)

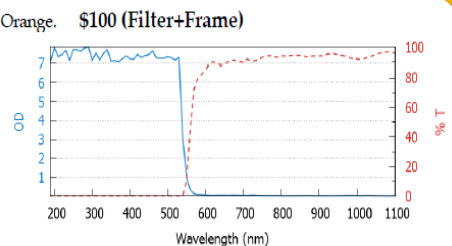
YLW: EN207 Certified. Visible light transmittance: 73% Yellow. \$130 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-450	6+	190-315	D LB8 + IRLB4
>450-460	5+	>315-460	DIRLB5



ARG: EN207 Certified. Visible light transmittance: 48% Orange. \$100 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
180-532	7+	180-315	D LB7 + IRLB4
		>315-532	DIRMLB6



\$100 (Filter+Frame)

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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

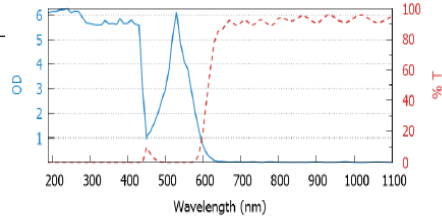
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

ELP: Visible light transmittance: 13% Red.

\$190 (Filter+Frame)

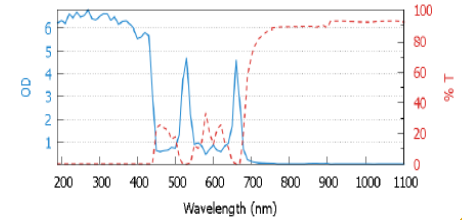
λ [nm]	OD	λ [nm]	L-Rating
190-425	5+		Pending
514-545	4+		
532	6+		



GR4: Visible light transmittance: 13% Purple.

\$255 (Filter+Frame)

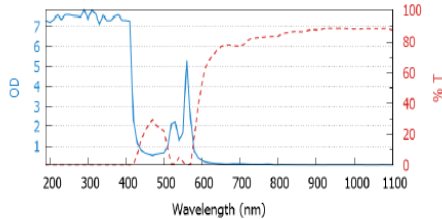
λ [nm]	OD	λ [nm]	L-Rating
520-535	3+		Pending
525-532 + 660	4+		



ZSY: EN207 Certified. Visible light transmittance: 15% Red.

\$165 (Filter+Frame)

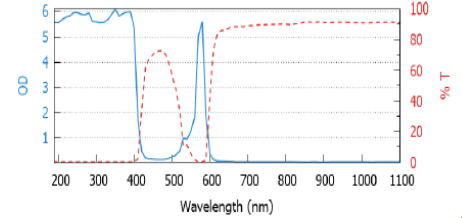
λ [nm]	OD	λ [nm]	L-Rating
190-400	7+	180-315	D LB7 + IR LB4
532	2+	>315-390	DIRM LB5
561	5+	0.1W 2*10E-5J 532	RB2 NOIR CE
		561	D LB5 + IR LB6



TRC: EN207 Certified. Visible light transmittance: 26% Purple.

\$155 (Filter+Frame)

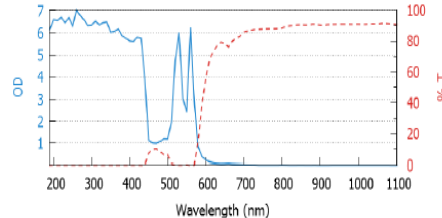
λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB7 + IR LB4
575-579	5+	>315-390	DIRM LB5
		575-579	DIRM LB5



ZS2: EN207 Certified. Visible light transmittance: 19% Red.

\$175 (Filter+Frame)

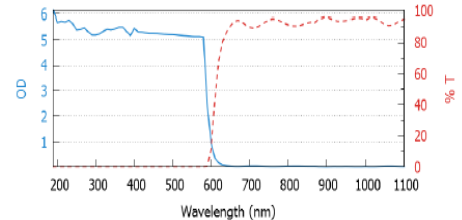
λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB7 + IR LB4
532	6+	>315-390	DIRM LB5
561	6+	532 + 561	D LB5 + IR LB6



KRY: Visible light transmittance: 9% Red.

\$130 (Filter+Frame)

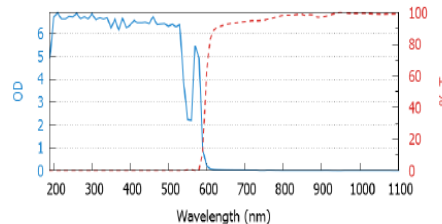
λ [nm]	OD	λ [nm]	L-Rating
190-579	5+		Pending



GRY: EN207 Certified. Visible light transmittance: 25% Red.

\$185 (Filter+Frame)

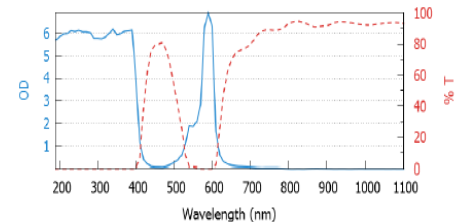
λ [nm]	OD	λ [nm]	L-Rating
190-532	6+	190-532	DIR LB6
577	5+	577	DIR LB5



DYE: EN207 Certified. Visible light transmittance: 15% Purple.

\$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	180-315	D LB6 + R LB4
576-600	5+	>315-395	DR LB4
582-598	6+	>575-600	DILB4
585-595	7+	582-598	ILB6
		585-595	ILB7



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

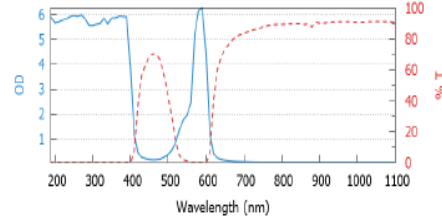
Holmium-Erbium
2100-2940nm
Combo

Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

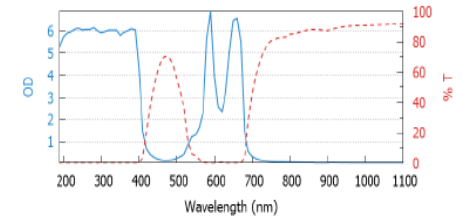
DY4: EN207 Certified. Visible light transmittance: 14% Purple. **\$175 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
575-595	6+	575-595	D LB5 + IR LB6
585	6.6+		



DY2: EN207 Certified. Visible light transmittance: 14% Blue. **\$210 (Filter+Frame)**

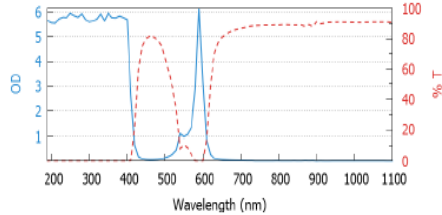
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	580-590 + 645-670	DIR LB5
580-590	5+	585 + 650-665	D LB5 + IR LB6
585	6+		
645-670	5+		
650-665	6+		



DY6: Visible light transmittance: 23% Purple.

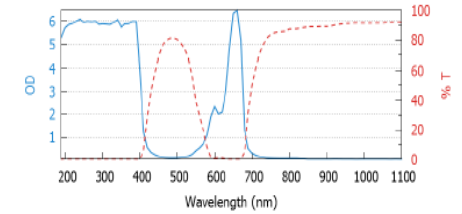
\$175 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
580-590	5+		
585	6+		



DY3: EN207 Certified. Visible light transmittance: 30% Aqua. **\$175 (Filter+Frame)**

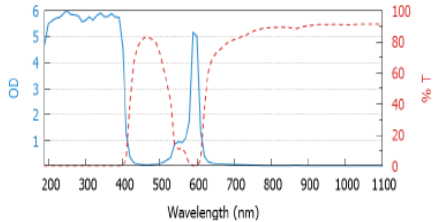
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	645-670	DIR LB5
645-670	5+	650-665	D LB5 + IR LB6
650-665	6+		



DY7: Visible light transmittance: 23% Purple.

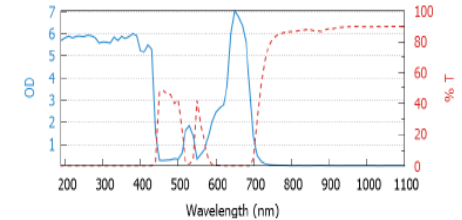
\$175 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
590-600	5+		
595	6+		



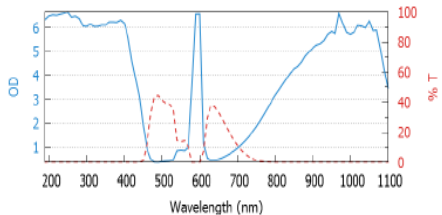
DY5: EN207 Certified. Visible light transmittance: 8% Aqua. **\$175 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
532	1.8	640-665	D LB5 + IR LB6
640-680	5.3+	>665-680	DIR LB5
650	6.5+		



DYG: EN207 Certified. Visible light transmittance: 15% Green. **\$210 (Filter+Frame)**

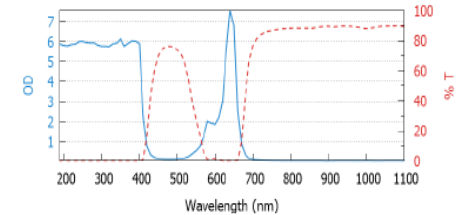
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	585-600	D LB4 + IR LB5
585-600	6+	590-600	D LB4 + IR LB6
950-1064	6+	950-1064	D LB5 + IR LB6
>1064-1070	5+	>1064-1070	DIR LB5



HNE: Visible light transmittance: 18% Blue.

\$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
625-647	5+		
630-644	6+		



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

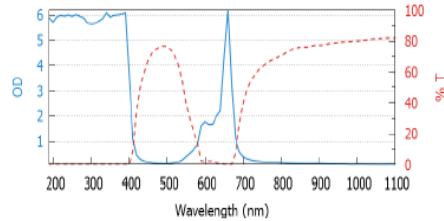
Holmium-Erbium
2100-2940nm
Combo

Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

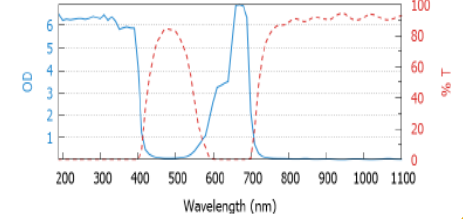
ZS1: EN207 Certified. Visible light transmittance: 34% Aqua. **\$175 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB7 + IR LB4
655-664	5+	>315-390	DIR MLB5
659	6+	655-664	D LB4 + IR LB5
		659	D LB5 + IR LB6



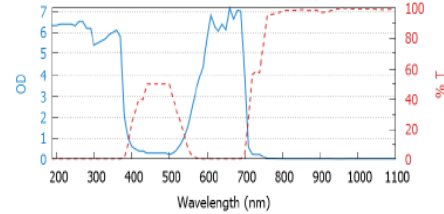
RB1: Visible light transmittance: 33% Teal. **\$165 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
610-645	3+		
>690-700	4+		
650-690	5+		
655-685	6+		
660-680	7+		



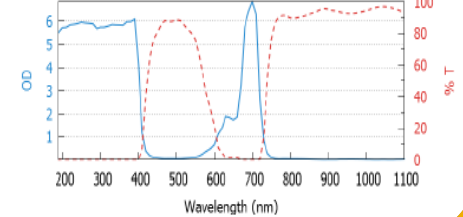
KRR: Visible light transmittance: 17% Blue. **\$130 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-380	5+		Pending
606-694	5+		



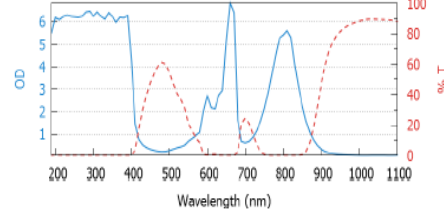
RB3: EN207 Certified. Visible light transmittance: 56% Teal. **\$165 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	180-315	D LB5 + R LB4
630-665	1.5+	>315-400	D LB4
680-710	5+	625-665	DIR LB1
685-705	6+	>665-693	DIR LB2
694	7+	694-700	D LB4 + IR LB7 + R LB6
		>700-710	D LB4 + IR LB6
		>710-720	DIR LB2



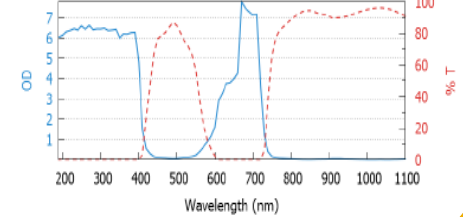
DI5: Visible light transmittance: 16% Blue. **\$180 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	6+		Pending
650-670	5+		
800-815	5+		



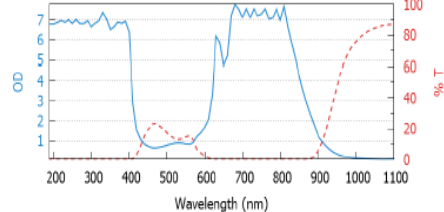
RB2: EN207 Certified. Visible light transmittance: 35% Teal. **\$155 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB6 + R LB4
615-720	3+	>315-400	D RL B4
651-670	4+	>615-660	DIR LB3
671-715	5+	>660-665	DIR LB4
680-710	6+	>665-715	D LB4 + IR LB5
690-700	7+	694	IR LB7



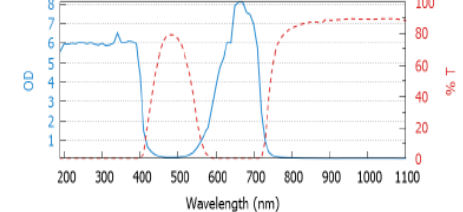
DI4: EN207 Certified. Visible light transmittance: 12% Blue. **\$155 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	180-315	D LB7 + R LB3
625-850	4+	>315-395	D LB5 + R LB6
633	5+	625-670 + >800-830	ILB4
662-835	5+	625-830	DR LB4
		>670-800	ILB5
		>830-850	DIR LB3
		>850-860	DIR LB2
		10600	DILB2



CT2: Visible light transmittance: 20% Aqua. **\$200 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
630-711	5+	630-711	DIR LB5
648-708	6+	648-708	D LB5 + IR LB6
651-704	7+	651-704	D LB5 + IR LB7
654-699	8+	654-699	D LB5 + IR LB8
712-713	4+	712-713	DIR LB4
714-717	3+	714-717	DIR LB3



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Low OD for
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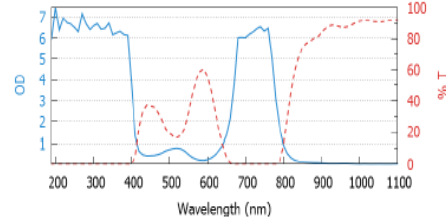
Mineral Glass

RB4: Visible light transmittance: 37% Pink.

\$195 (Filter+Frame)

λ [nm]	OD
190-400	6+
680-735	6+

λ [nm]	L-Rating
	Pending

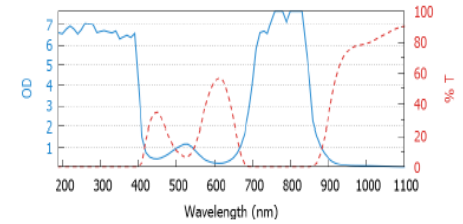


AXX: EN207 Certified. Visible light transmittance: 33% Pink.

\$170 (Filter+Frame)

λ [nm]	OD
190-400	6+
720-810	7+
>810-830	5+

λ [nm]	L-Rating
190-315	D LB8 + IR LB4
>315-390	DIR LB6
720-810	D LB6 + IM LB7 + R LB5
>810-830	DIR LB5

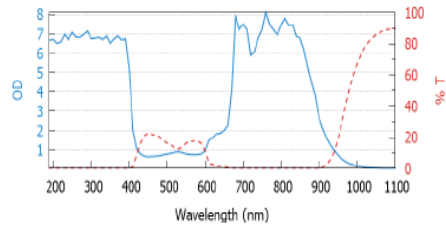


RD2: EN207 Certified. Visible light transmittance: 14% Grey.

\$165 (Filter+Frame)

λ [nm]	OD
190-400	5+
675-850	5+
680-710	6+
740-835	6+

λ [nm]	L-Rating
676-842	DIR LB4
680-710 + 740-835	DIR LB5

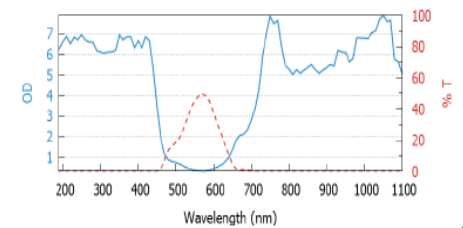


CYN: EN207 Certified. Visible light transmittance: 36% Green.

\$170 (Filter+Frame)

λ [nm]	OD
190-435	5+
730-1085	5+
755	7+
1064	7+

λ [nm]	L-Rating
190-315	D LB8 + IR LB4
>315-430	D LB4 + IR LB6
730-1085	DIR LB5
745-765	DIR LB6
750-760	D LB6 + IR MLB7
1064	D LB6 + IR MLB7

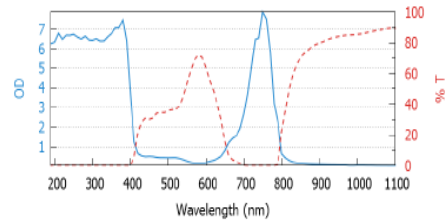


LIA: EN207 Certified. Visible light transmittance: 51% Green.

\$170 (Filter+Frame)

λ [nm]	OD
180-400	5+
730-760	5+
750-760	7+

λ [nm]	L-Rating
190-315	D LB8 + IR LB4
>315-390	D LB4 + IR LB6
730-760	DIR LB5
745-760	RLB5
750-760	ILB7

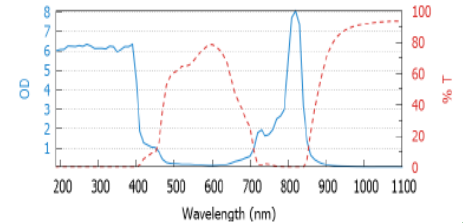


DI8: EN207 Certified. Visible light transmittance: 69% Yellow.

\$180 (Filter+Frame)

λ [nm]	OD
190-400	5+
800-830	5+
805-825	7+

λ [nm]	L-Rating
180-315	D LB6 + IR LB4
>315-390	D LB5 + IR LB6
800-830	D LB4 + IR LB5
805-825	D LB5 + IR MLB7

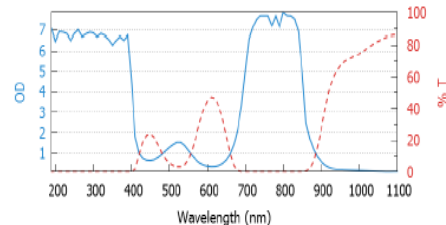


ALX: EN207 Certified. Visible light transmittance: 25% Pink.

\$175 (Filter+Frame)

λ [nm]	OD
190-400	5+
720-830	7+
830-840	6+

λ [nm]	L-Rating
720-830	ILB7 + RLB6
720-840	D LB5
>830-840	ILB6 + RLB5

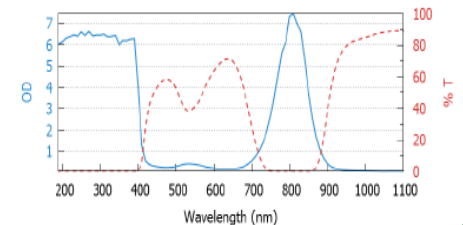


DI2: EN207 Certified. Visible light transmittance: 61% Pink.

\$170 (Filter+Frame)

λ [nm]	OD
180-390	6+
785-830	5+
800-818	6+

λ [nm]	L-Rating
180-315	D LB6 + RLB4
>315-390	D LB4 + RLB6
785-800 + >818-830	D LB4 + ILB5
>800-818	DR LB5 + IM LB6
10600	D ILB2



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

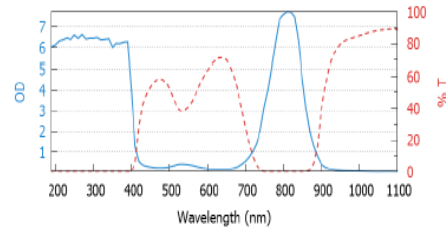
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

DLS: EN207 Certified. Visible light transmittance: 49% Pink.

\$195 (Filter+Frame)

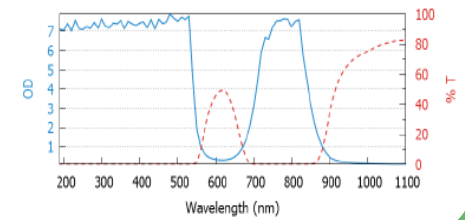
λ [nm]	OD	λ [nm]	L-Rating
180-400	6+	785-830	D LB5 + IR LB7
785-830	7+		



KTI: Visible light transmittance: 23% Amber.

\$225 (Filter+Frame)

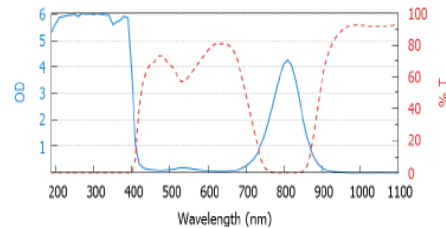
λ [nm]	OD	λ [nm]	L-Rating
190-532	7+		Pending
750-820	7+		



DI1: EN207 Certified. Visible light transmittance: 68% Pink.

\$135 (Filter+Frame)

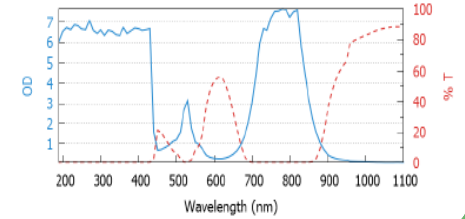
λ [nm]	OD	λ [nm]	L-Rating
795-820	4+	795-820	DIR LB4



KTA: Visible light transmittance: 26% Amber.

\$235 (Filter+Frame)

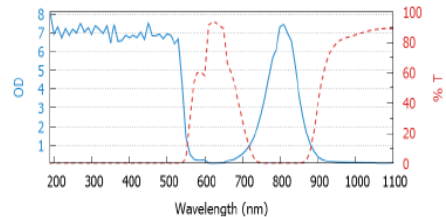
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
525-532	3+		
750-820	7+		



DI3: EN207 Certified. Visible light transmittance: 32% Amber.

\$195 (Filter+Frame)

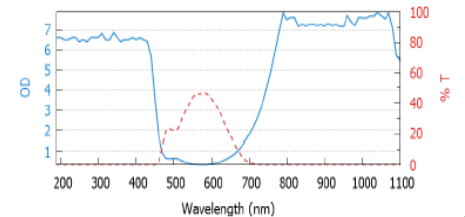
λ [nm]	OD	λ [nm]	L-Rating
190-532	6+	180-515	D LB7 + R LB4
785-830	5+	>515-532	D LB4 + IR MLB6
800-815	6+	450-532 + 787-830	D LB5 + IR MLB6



ML1: EN207 Certified. Visible light transmittance: 45% Green.

\$190 (Filter+Frame)

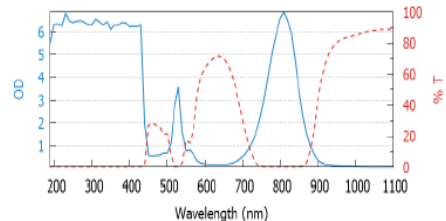
λ [nm]	OD	λ [nm]	L-Rating
190-420	5+	190-515	D LB6 + IR LB4
765-1100	5+	>515-420	DIR LB5
775-1085	6+	>420-445	DIR LB4
790-1080	7+	765-1100	DIR MLB5
		775-1085	D LB5 + IR MLB6
		790-1080	D LB6 + IR MLB7
		950-1085	DIR MLB6



KDA: Visible light transmittance: 36% Amber.

\$215 (Filter+Frame)

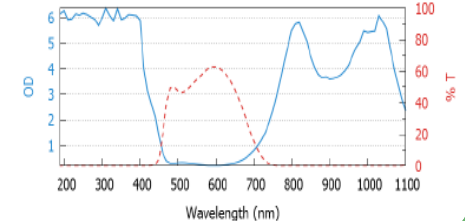
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
525-532	3+		
780-835	5+		
795-825	6+		



DD2: EN207 Certified. Visible light transmittance: 56% Yellow.

\$160 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
765-1080	3+	765-1080	DIR LB3
780-855 + 950-1070	4+	780-855 + 950-1070	DIR LB4
795-835 + 980-1050	5+	795-835 + 980-1050	DIR LB5



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

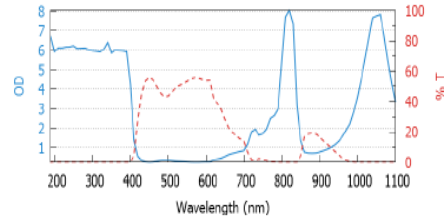
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

YD1: Visible light transmittance: 40% Green.

\$205 (Filter+Frame)

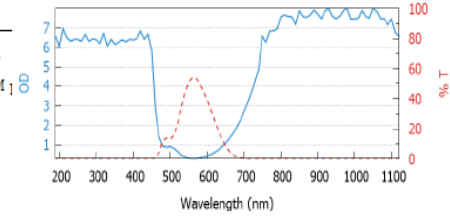
λ [nm]	OD	λ [nm]	L-Rating
800-830 + 1025-1075	5+		Pending
805-825 + 1045-1065	7+		
1035-1070	6+		



YG4: EN207 Certified. Visible light transmittance: 37% Green.

\$235 (Filter+Frame)

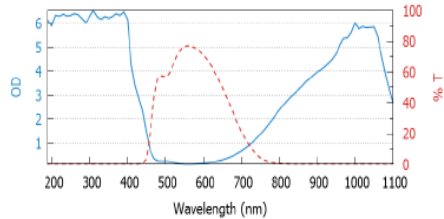
λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB7 + IR LB4
750-1120	6+	750-800 + >1100-1120	DIR LB6 + M LB6Y
800-1100nm	7+	>800-1100	D LB6 + IR LB7 + M LB6



DD1: EN207 Certified. Visible light transmittance: 60% Green.

\$160 (Filter+Frame)

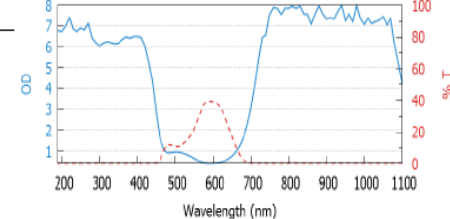
λ [nm]	OD	λ [nm]	L-Rating
850-1090	3+	850-1090	DIR LB5
915-1075	4+	915-1075	DIR LB4
965-1065	5+	965-1065	DIR LB5



YG2: EN207 Certified. Visible light transmittance: 25% Amber.

\$185 (Filter+Frame)

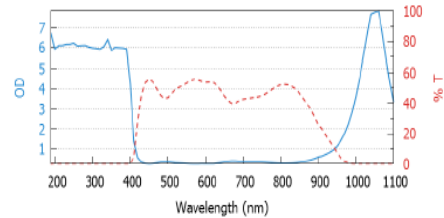
λ [nm]	OD	λ [nm]	L-Rating
180-400	6+	180-315	D LB6 + IR LB4
720-1090	5+	>315-400	DR LB4
750-1064	7+	720-725	DM LB5
		720-750 + >1064-1075	IR LB5
		>725-1075	DM LB6
		>750-1064	IRM LB7



YG5: EN207 Certified. Visible light transmittance: 55% Grey.

\$195 (Filter+Frame)

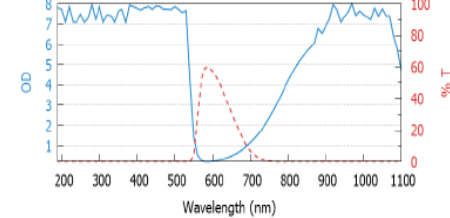
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	1025-1075	DIR LB5 + M LB6Y
1025-1075	5+	1035-1070	DIR LB6 + M LB6Y
1035-1070	6+	1045-1065	DIR LB7 + M LB7Y
1045-1065	7+		



DBY: EN207 Certified. Visible light transmittance: 35% Amber.

\$210 (Filter+Frame)

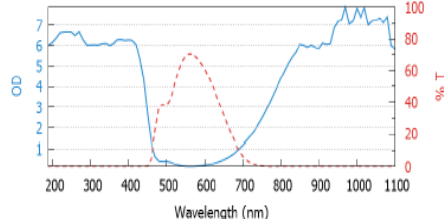
λ [nm]	OD	λ [nm]	L-Rating
190-534	7+	180-315	D LB7 + IR LB4
850-925	5+	>315-534	D LB5 + IR MLB6
925-1070	6+	850-925	DIR MLB5
960-1064	7+	>925-980	D LB5 + IR MLB6
		>980-1064	D LB6 + IR MLB7
		>1064-1085	DIR MLB5



YG3: EN207 Certified. Visible light transmittance: 59% Green.

\$170 (Filter+Frame)

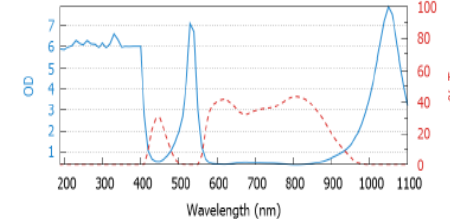
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	190-315	D LB8 + IR LB4 + M LB6Y
808-840	4+	>315-425	DIR MLB5
>840-950	5+	790-<808	DIR MLB3
>950-1080	7+	808-840	DIR MLB4
>1080-1090	5+	>840-950	DIR MLB5
		>950-1080	D LB6 + IR MLB7
		1080-1090	DIR MLB5



YGH: Visible light transmittance: 21% Pink.

\$235 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	190-315	D LB6 + IR LB5 + M LB6Y
525-540 + 1025-1075	5+	316-400	DIR MLB6
1035-1070	6+	525-540	DIR MLB5
532-535 + 1045-1065	7+	532-535	D LB6 + IR LB7 + M LB7Y
		1025-1075	DIR MLB5
		1035-1070	DIR MLB6
		1045-1065	D LB6 + IR LB7 + M LB7Y



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

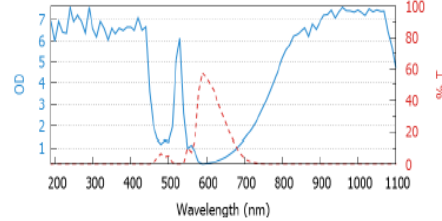
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

YKT: Visible light transmittance: 23% Orange.

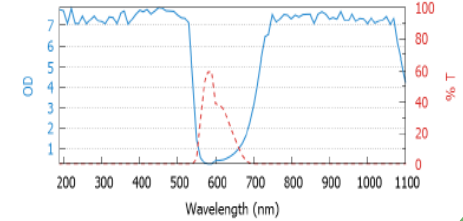
λ [nm]	OD	λ [nm]	L-Rating
524-532	6+		Pending
800-925	5+		
925-1070	7+		

\$295 (Filter+Frame)



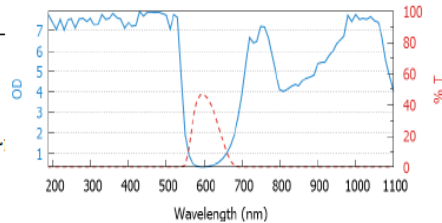
YAD: EN207 Certified. Visible light transmittance: 11% Amber. **\$275 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
180-534	7+	180-315	D LB7 + RLB4
720-730	5+	>315-534 + 730-740	D LB5 + IRMLB6
>730-740	6+	>740-1070	D LB6 + IRMLB7
>740-1070	7+		



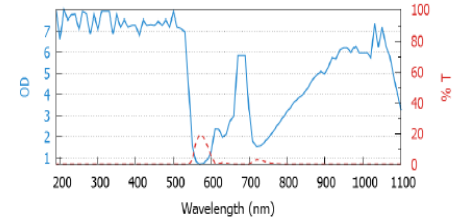
TRI: EN207 Certified. Visible light transmittance: 22% Amber. **\$225 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
180-534	7+	180-315	D LB7 + IRLB4
720-770	5+	>315-400	DIRMLB5
750-760	7+	>400-534	D LB5 + IRMLB6
770-850	4+	720-770 + >850-1080	DIRMLB5
850-1080	5+	750-765 + 980-1065	D LB5 + IR LB7 + ML
980-1064	7+	>770-850	DIRMLB4



ELX: EN207 Certified. Visible light transmittance: 7% Green. **\$185 (Filter+Frame)**

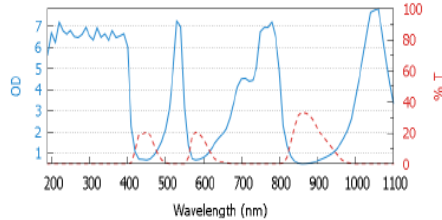
λ [nm]	OD	λ [nm]	L-Rating
190-532	5+	180-315	D L7 + RL4
670-690	5+	>315-450	D L4 + IRL6
900-1070	5+	450-532	D L5 + IRL6
		>670-675	DIRL4
		>675-690	DIRL6
		>690-695	DIRL4
		900-1070	DIRL5



CND: Visible light transmittance: 0% Purple.

λ [nm]	OD	λ [nm]	L-Rating
532 + 785 + 1064	7+		Pending
750-790	6+		
740-795	5+		

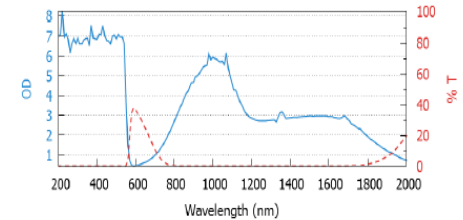
\$285 (Filter+Frame)



YHD: Visible light transmittance: 10% Amber.

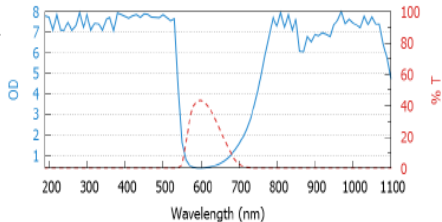
λ [nm]	OD	λ [nm]	L-Rating
190-534	6+		Pending
800-850	3+		
850-905	4+		
905-1070	5+		
1064	6+		
1070-1500	2.5+		

\$285 (Filter+Frame)



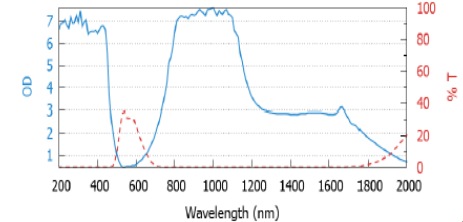
DBD: EN207 Certified. Visible light transmittance: 22% Amber. **\$235 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
190-534	7+	190-315	D LB7 + IR LB5
760-1090	5+	>315-532	D LB5 + IRMLB7
790-850	7+	760-<770 + >1075-1085	DIRLB5
>850-960	6+	770-<800 + >820-960	DIRMLB6
>960-1070	7+	>1064-1075	DIRMLB6
		800-820 + >960-1064	D LB6 + IRMLB7



CTR: EN207 Certified. Visible light transmittance: 26% Green. **\$195 (Filter+Frame)**

λ [nm]	OD	λ [nm]	L-Rating
500-770	0.5+	770-800	DIRLB5
770-810	5+	>800-810	DIRLB6
>810-1100	7+	>810-1100	DR LB6 + ILB7
>1100-1800	1.5+	>1100-1800	DIRLB1



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

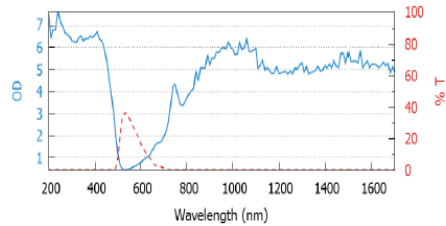
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

ML5: Visible light transmittance: 23% Green.

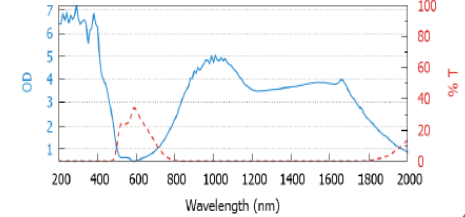
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
755	4+		
820-1720	4+		
900-1100	5+		

\$190 (Filter+Frame)



IRD2: EN207 Certified. Visible light transmittance: 23% Yellow/Green. \$155 (Filter+Frame)

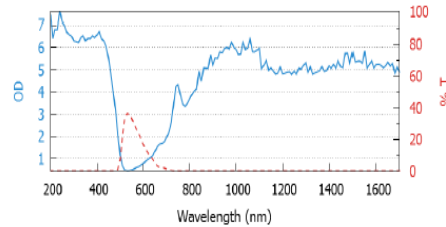
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	785-<830	DIR LB2
785-<830	2+	830-1700	DIR LB3
830-1700	3+		



ML5: Visible light transmittance: 23% Green.

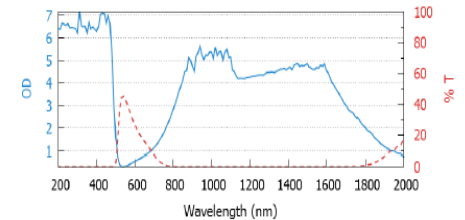
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
755	4+		
820-1720	4+		
900-1100	5+		

\$190 (Filter+Frame)



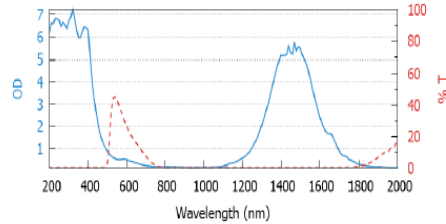
IRD: EN207 Certified. Visible light transmittance: 19% Green. \$170 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-450	6+	180-315	D LB6 + R LB4
770-1800	2+	>315-400	DR LB4
820-1720	3+	>770-820	DIR LB2
870-1600	4+	>820-865	DIR LB3
940-1070	5+	>865-940	DIR LB4
		>940-1064	DIRM LB5
		>1064-1400	DIRM LB4
		>1400-1850	D LB2



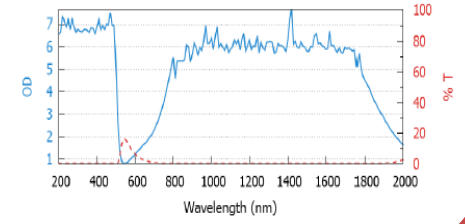
IRD4: EN207 Certified. Visible light transmittance: 32% Amber. \$195 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	1400-1550	DI LB3
1400-1550	4+		
1410-1510	5+		



IRD5: EN207 Certified. Visible light transmittance: 16% Green. \$180 (Filter+Frame)

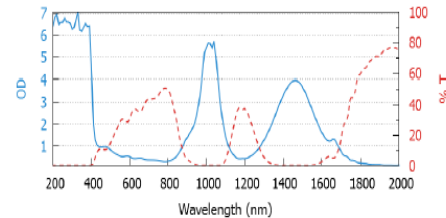
λ [nm]	OD	λ [nm]	L-Rating
190-480	6+	190-315	D LB8 + IR LB3
800-1790	5+	>315-480	D LB5 + IR LB6
820-950	6+	775-795	DIR LB4
>950-1400	7+	>795-820	DIR LB5
>1400-1750	6+	>820-1400	D LB5 + IR LB6
		>1400-1880	DIR LB2



IRD6: Visible light transmittance: 25% Amber.

λ [nm]	OD	λ [nm]	L-Rating
980 + 1445-1485	4+		Pending

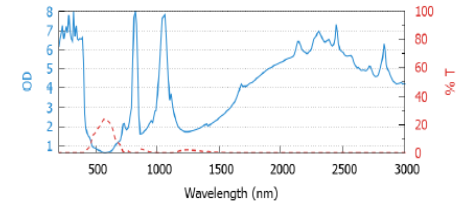
\$195 (Filter+Frame)



HYD: Visible light transmittance: 20% Green.

λ [nm]	OD	λ [nm]	L-Rating
805-830 + 1025-1075	5+		Pending
807-822 + 1045-1065	7+		
1035-1070	6+		
1450-1650	2+		
>1650-1775	3+		
>1775-3000	4+		
1980-2550	5+		
5200-11000	5+		
9000-10600	6+		

\$225 (Filter+Frame)



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

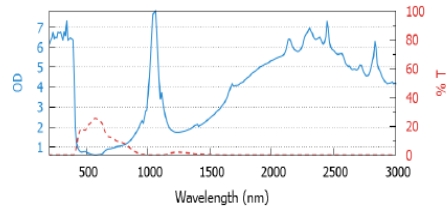
Low OD for
Multiple-Line
Visible, IR & LLT
Systems

Mineral Glass

HYG: Visible light transmittance: 23% Grey.

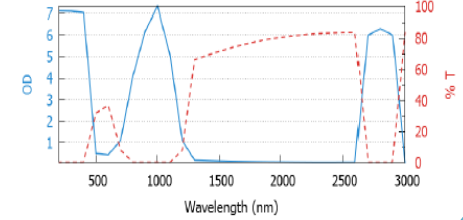
\$200 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
1025-1075	5+	1025-1075	DIRMLB5
1035-1070	6+	1035-1070	DIRMLB6
1045-1065	7+	1045-1065	D LB6 + IR LB7 + M LB7Y
1450-1650	2+	1450-1650	DIR LB2
>1650-1775	3+	>1650-1775	DI LB3 + R LB3Y
>1775-3000	4+	>1775-3000	DI LB4 + R LB3Y
1980-2550	5+	5200-11000	DI LB4 + R LB3Y
5200-11000	5+		
9000-10600	6+		



YRB: EN207 Certified. Visible light transmittance: 65% Green. **\$195 (Filter+Frame)**

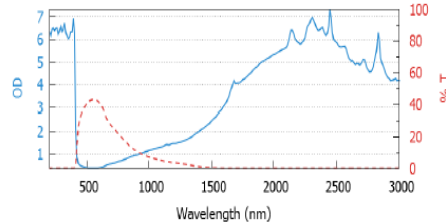
λ [nm]	OD	λ [nm]	L-Rating
190-380	5+	190-315	D LB7 + IRLB4
808-840	4+	>315-400	DIRMLB5
>840-950	5+	808-840	DIRLB4
950-1070	7+	>840-950	D LB4 + IRLB5
2700-2950	5+	>950-1070	D LB4 + IRLB6
		2780-2940	DILB2



HOY: EN207 Certified. Visible light transmittance: 41% Grey.

\$165 (Filter+Frame)

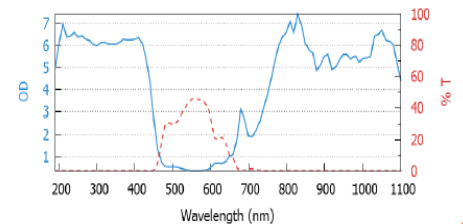
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	1400-1450	DILB1
1450-1650	2+	>1450-1650	DILB2
>1650-1775	3+	>1650-1800	DILB3
>1775-3000	4+	>1800-3000 + 5200-11000	DILB4
1980-2550	5+		
5200-11000	5+		
9000-10600	6+		



BTL: Visible light transmittance: 36% Green.

\$175 (Filter+Frame)

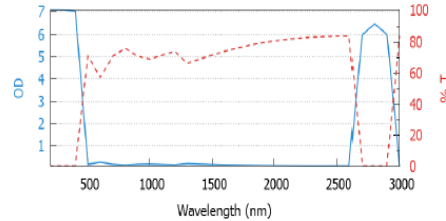
λ [nm]	OD	λ [nm]	L-Rating
670	1.8+		Pending
808	7+		
915 + 976-1064	5.5+		
675-695	2+		
760-1100	4+		



ERB: EN207 Certified. Visible light transmittance: 93% Clear.

\$140 (Filter+Frame)

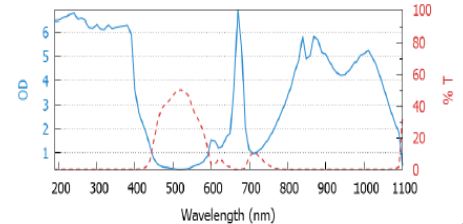
λ [nm]	OD	λ [nm]	L-Rating
190-398	5+	180-315	DL8
2780	5+	180-390	IRL4
2940	6+	>315-390	DL4
10600	5+	2780-2940	DIL2
		10600	DIL2



DI6: EN207 Certified. Visible light transmittance: 35% Green.

\$150 (Filter+Frame)

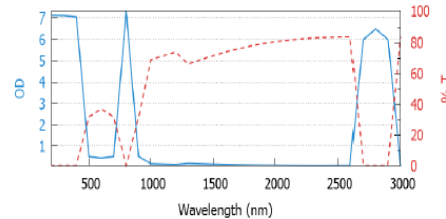
λ [nm]	OD	λ [nm]	L-Rating
610-664	1+	610-664 + 735-780	DIRLB1
665-669	2+	665-669 + >690-698	DIRLB2
670-690	3+	670-690 + 808-1050	DIRLB3
>690-698	2+	790-807 + >1050-1080	DIRLB2
735-780	1+		
790-808	2+		
808-1050	3+		
>1050-1080	2+		



DRB: EN207 Certified. Visible light transmittance: 61% Pink.

\$195 (Filter+Frame)

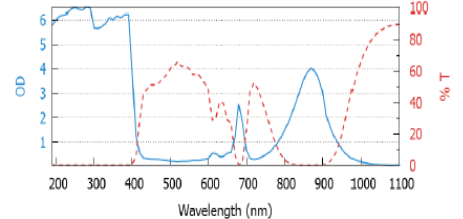
λ [nm]	OD	λ [nm]	L-Rating
190-390	6+	190-315	D LB7 + IRLB4
785-830	5+	>315-390	DIRMLB5
800-818	6+	785-830	D LB4 + IRLB5
2700-2950	5+	800-818	D LB4 + IRLB6
		2780-2940	DILB2



DI7: Visible light transmittance: 56% Green.

\$150 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
680	2+		
828-905	2.5+		



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

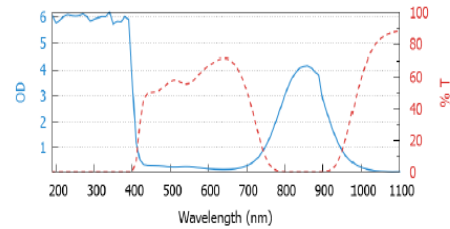
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

TP1: EN207 Certified. Visible light transmittance: 58% Tan.

\$150 (Filter+Frame)

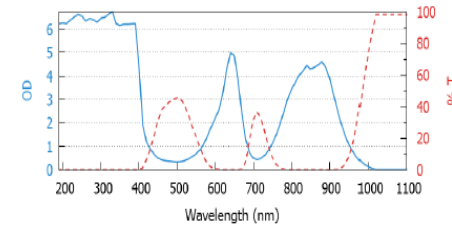
λ [nm]	OD	λ [nm]	L-Rating
780- $<$ 800	2+	780- $<$ 800 + $>$ 890-920	DIR LB2
800-890	3+	800-890	DIR LB3
$>$ 890-920	2+		



ML3: EN207 Certified. Visible light transmittance: 16% Blue.

\$155 (Filter+Frame)

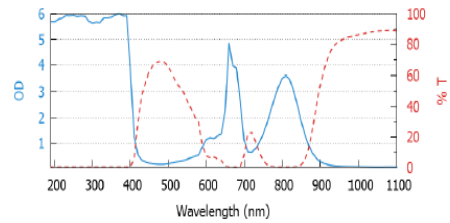
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	190-315	D LB7 + IRLB4
630-660	3+	$>$ 315-395	D LB5 + IRLB6
660-670	2+	630-660 + 800-915	DIR LB3
780-920	2+	$>$ 660-670 + 780-920	DIR LB2
800-915	3+		



TP2: EN207 Certified. Visible light transmittance: 36% Aqua.

\$150 (Filter+Frame)

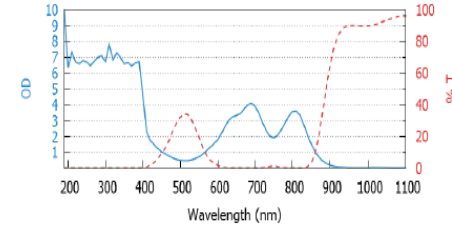
λ [nm]	OD	λ [nm]	L-Rating
650- $<$ 655	2+	655-685 + 785-830	DIR LB3
655-685	3+	650- $<$ 655 + $>$ 685-690	DIR LB2
$>$ 685-690	2+	770- $<$ 785 + $>$ 830-845	DIR LB2
770- $<$ 785	2+		
785-830	3+		
$>$ 830-845	2+		



ML2: Visible light transmittance: 17% Green.

\$140 (Filter+Frame)

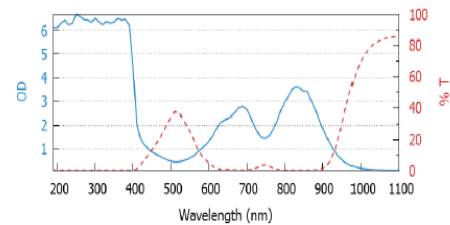
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
630-710	3+		
790-820	3+		
800-810	3.5+		



TP3: Visible light transmittance: 16% Aqua.

\$165 (Filter+Frame)

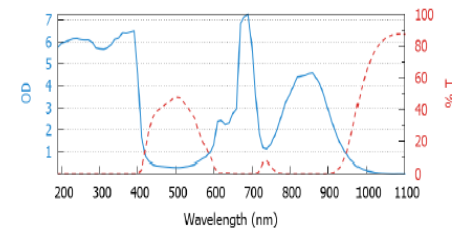
λ [nm]	OD	λ [nm]	L-Rating
400-410	2+		Pending
$>$ 630-715	2+		
$>$ 715-775	1.5+		
$>$ 775-805	2+		
805-865	3+		
900-910	1.5+		



ML4: Visible light transmittance: 26% Teal.

\$170 (Filter+Frame)

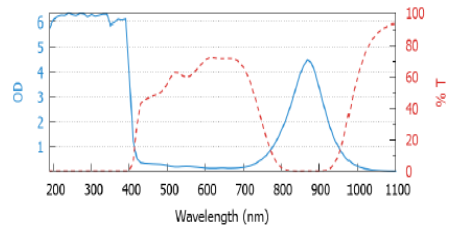
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
610-715	2+		
670-695	5+		
790-890	3+		
810-875	4+		



DI9: Visible light transmittance: 63% Tan.

\$140 (Filter+Frame)

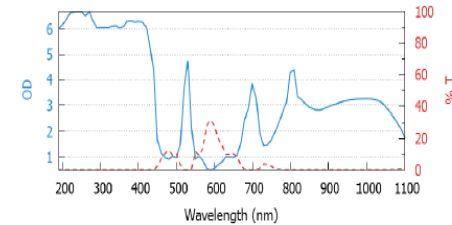
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
820-915	2+		
840-900	3+		



ML6: Visible light transmittance: 17% Amber.

\$290 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
532	4.2+		
690	2.8+		
710	3.2+		
800-810	3.5		
915-1070	2.8+		
1064	3.5+		



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FILTER – Eye Protection

UV-Visible

IR – 532-1064
Combo & fs
Pulses

Broadband IR
750-1850nm

Holmium-Erbium
2100-2940nm
Combo

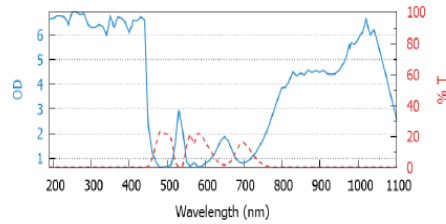
Low OD for
Multiple-Line
Visible, IR & LLLT
Systems

Mineral Glass

ML7: Visible light transmittance: 13% Green.

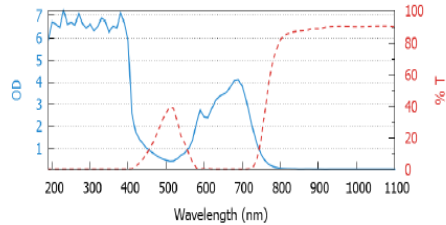
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
532	2.5+		
630-655	1.5+		
795-1070	3.7+		
810-1064	4+		

\$204 (Filter+Frame)



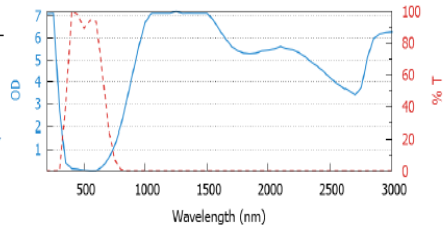
DIW: EN207 Certified. Visible light transmittance: 15% Green. \$135 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	315-420 + >625-715	DIR LB3
405-420	3+	582-625	DIR LB2
585-625	2.5+		
626-710	3+		



FG1: EN207 Certified. Visible light transmittance: 75% Clear. \$265 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
850-2800	3+	850-900	DIR LB3
900-2600	4+	>900-950 + >1400-2200	DIR LB4
950-1010	5+	>950-1000	DIR LB5
>1010-1500	7+	>1000-1063	DIR LB6
>1500-2350	5+	>1063-1400	DIR LB6 + IRMLB7Y
>2800-10600	5+	2900-3200 + 10600	DIR LB4



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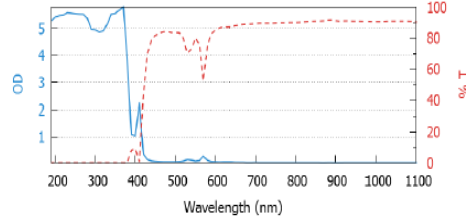
FILTER – Visible Alignment



BDA: Visible light transmittance: 79% Plum.

λ [nm]	OD	λ [nm]	L-Rating
190-375	5+		Pending
405	2+		

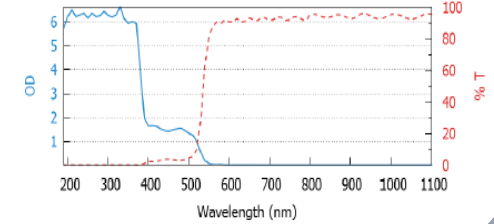
\$165 (Filter+Frame)



AL4: Visible light transmittance: 73% Orange.

λ [nm]	OD	λ [nm]	L-Rating
405 + 488	1.5+		Pending
400-514	1+		

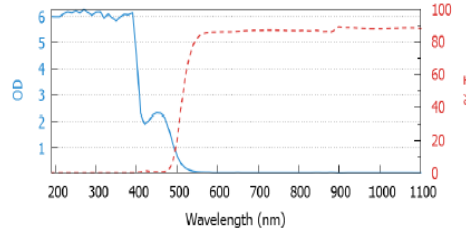
\$95 (Filter+Frame)



ABL: EN207 Certified. Visible light transmittance: 77% Yellow.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.1W 2*10E-5J 430-470	RB2
430-470	2+		

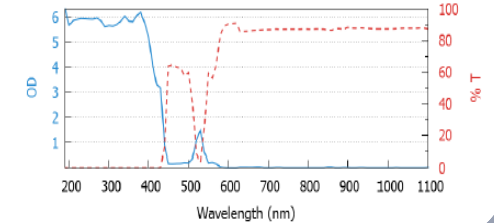
\$125 (Filter+Frame)



AG1: Visible light transmittance: 56% Topaz.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
532	1+		

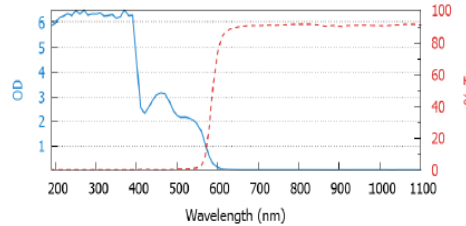
\$135 (Filter+Frame)



AL2: Visible light transmittance: 21% Red.

λ [nm]	OD	λ [nm]	L-Rating
190-380	5+		Pending
400-532	2+		

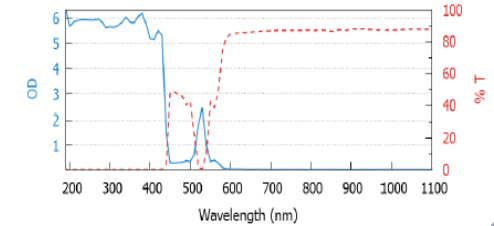
\$90 (Filter+Frame)



AG2: EN207 Certified. Visible light transmittance: 53% Topaz.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.1W 2*10E-5J 524-532	RB2
524-532	2+		

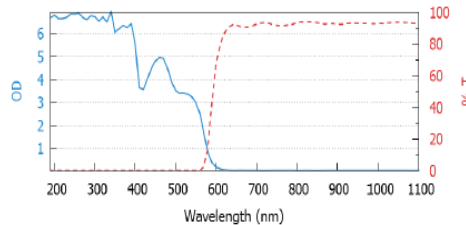
\$145 (Filter+Frame)



AL3: EN207 Certified. Visible light transmittance: 19% Red.

λ [nm]	OD	λ [nm]	L-Rating
180-395	5+	180-315	D LB6 + R LB4
395-540	3+	>315-395	D LB4 + IR LB6
		>395-540	DIR LB3
		1W 2*10E-4J 488-540	RB3

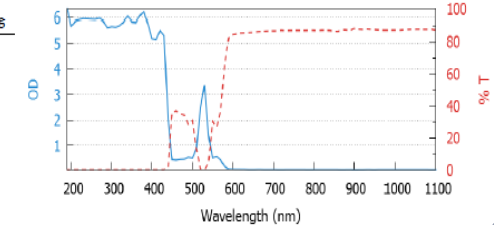
\$95 (Filter+Frame)



AG3: EN207 Certified. Visible light transmittance: 47% Topaz.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.1W 2*10E-5J 518-523 + 533-536	RB2
518-523 + 533-536	2+	1W 2*10E-4J 524-532	RB3
524-532	3+		

\$155 (Filter+Frame)



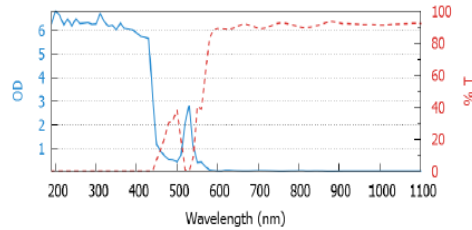
Caution: Never look directly into the path of a laser or laser reflections. LaserShield eyewear offers protection against incidental exposure to specified beam energy only. Consult a laser safety officer, appropriate laser safety standards and/or laser system documentation to ensure correct eyewear and safe laser use. The use of incorrect eyewear may lead to serious personal injury or blindness.

FILTER – Visible Alignment



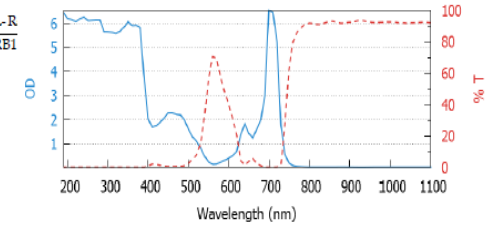
PBG: EN207 Certified. Visible light transmittance: 49% Orange. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.01W 2*10E-0J 445-450	RB1
445-450	1.5+	0.1W 2*10E-5J 520-532	RB2
520	2+		
532	2.5+		



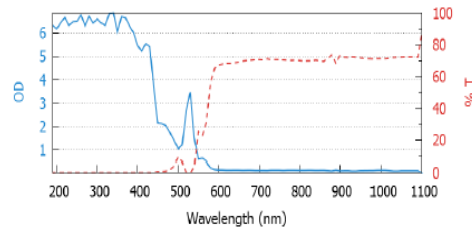
RBA: EN207 Certified. Visible light transmittance: 38% Green. \$135 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-R
190-400	5+	0.01W 2*10E-0J 400-488 + 633-635 + 647	RB1
405-488	1.5+		
633-635	1.8+		
647	1.3+		



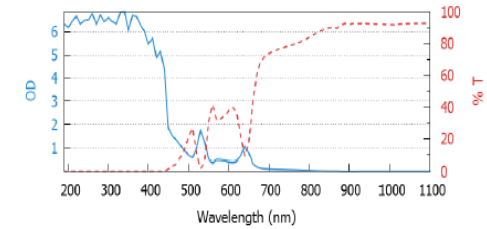
ABG: EN207 Certified. Visible light transmittance: 38% Orange. \$145 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
180-400	5+	0.1W 2*10E-5J 445-470	RB2
445-470 + 520	2+	1W 2*10E-4J 524-532	RB3
524-532	3+		



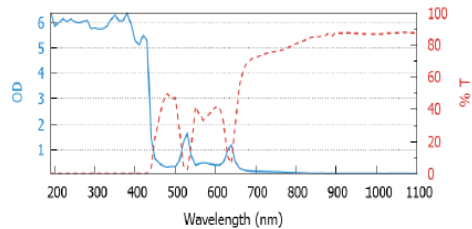
BGR: EN207 Certified. Visible light transmittance: 29% Amber. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.01W 2*10E-0J 455-485	RB1
440-470	1.5+	0.01W 2*10E-0J 532-538	RB1
532	1.5+	0.01W 2*10E-0J 632-640	RB1
632-640	1+		



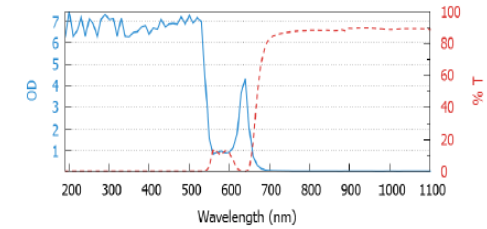
AGR: EN207 Certified. Visible light transmittance: 31% Grey. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.01W 2*10E-0J 532 + 633-640	RB1
532	1.5+		
633-640	1+		



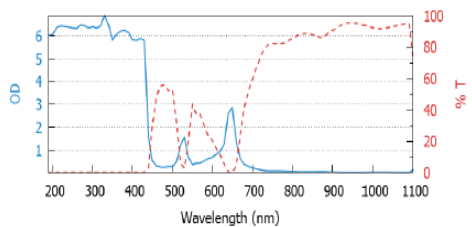
RGB: Visible light transmittance: 7% Brown. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-534	6+		Pending
620-650	1.5+		
625-647	2.5+		
632-642	3.5+		



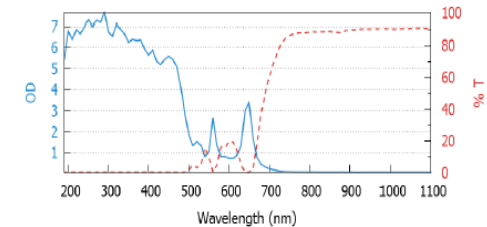
MLA: EN207 Certified. Visible light transmittance: 26% Blue/Green. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-430	5+	190-315	D LB7 + IR LB4
525-532	1.5+	>315-400	DIRMLB5
632-659	1.4+	0.1W 2*10E-0J 532	RB1
640-650	2.5+	0.1W 2*10E-0J 630-<636	RB1
		.1W 2*10E-5J 636-640	RB2



RBG: Visible light transmittance: 11% Orange. \$155 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-410	5+		Pending
>410-488	2.5+		
>488-532	1+		
555-568	1.5+		
561	2.5+		
632-660	1.5+		
640-650	2.9+		



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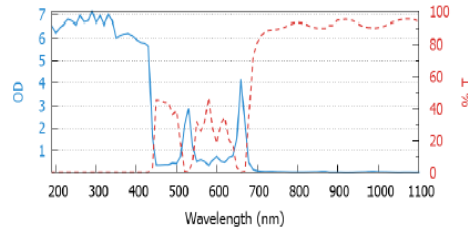
FILTER – Visible Alignment



GRA: Visible light transmittance: 23% Grey.

\$185 (Filter+Frame)

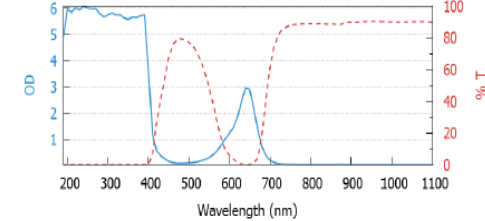
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
525-534	2+		
650-670	1.5+		
660-665	3+		



RA2: EN207 Certified. Visible light transmittance: 40% Aqua.

\$115 (Filter+Frame)

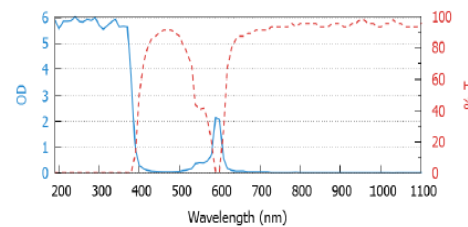
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	0.1W 2*10E-5J 630-<638	RB2
625-660	2+	1W 2*10E-4J 638-<652	RB3
		0.1W 2*10E-5J 652-660	RB2



ALY: Visible light transmittance: 43% Blue-Grey.

\$155 (Filter+Frame)

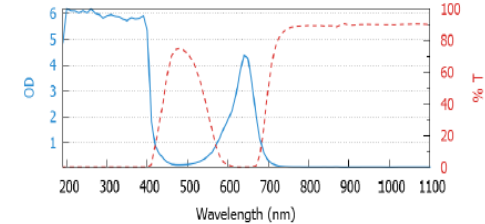
λ [nm]	OD	λ [nm]	L-Rating
594	2.5+		Pending



RA3: EN207 Certified. Visible light transmittance: 32% Aqua.

\$115 (Filter+Frame)

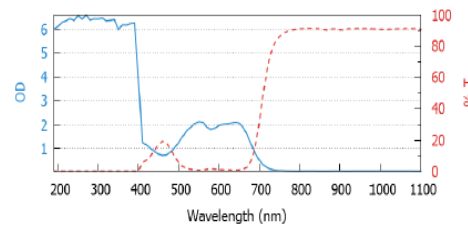
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	1W 2*10E-4J 630-<633	RB3
625-660	3+	1W 2*10E-4J 656-660	RB3
		10W 2*10E-3J 633-<656	RB4



AHA: Visible light transmittance: 2% Purple.

\$90 (Filter+Frame)

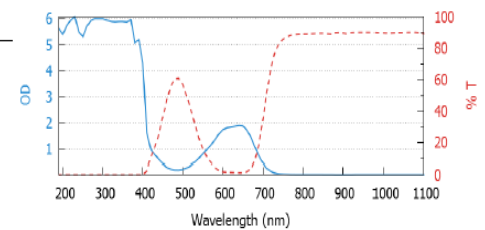
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
510-670	1.5+		



HEA: Visible light transmittance: 19% Blue.

\$90 (Filter+Frame)

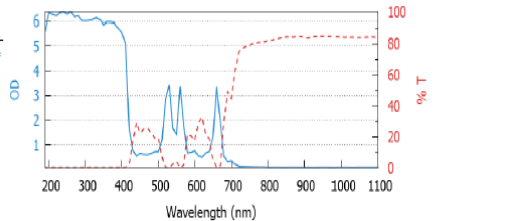
λ [nm]	OD	λ [nm]	L-Rating
190-380	5+		Pending
630-650	2+		



ZSA: EN207 Certified. Visible light transmittance: 10% Purple.

\$145 (Filter+Frame)

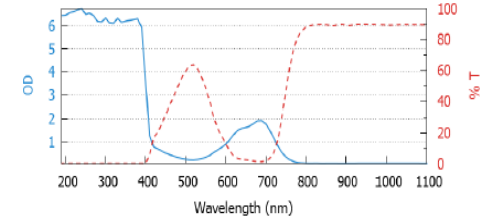
λ [nm]	OD	λ [nm]	L-Rating
190-400	6+	180-315	D LB7 + IR LB4
532	3+	>315-390	DIRM LB5
561	3+	1W 2*10E-4J 532 + 561 + 659	RB3
654-664	2+		
659	3+		



DIA: EN207 Certified. Visible light transmittance: 39% Blue.

\$95 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-380	5+	180-315	D LB6 + RLB4
630-700	1.5+	>315-395	D LB4
		0.1W 2*10E-6J 605-642	RB1
		.1W 2*10E-5J 643-695	RB2



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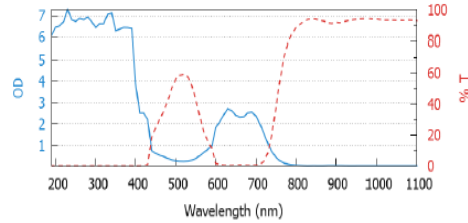
FILTER – Visible Alignment



LD4: Visible light transmittance: 8% Green.

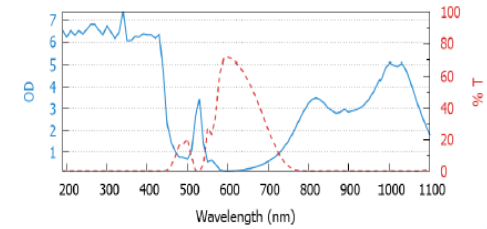
λ [nm]	OD	λ [nm]	L-Rating
190-390	5+		Pending
400-420	2+		
620-700	2+		

\$90 (Filter+Frame)



RT1: EN207 Certified. Visible light transmittance: 40% Orange. **\$195 (Filter+Frame)**

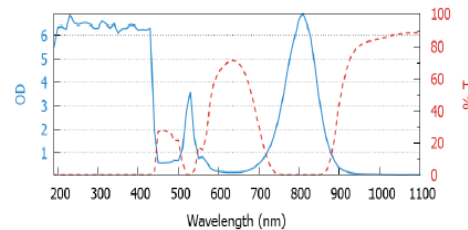
λ [nm]	OD	λ [nm]	L-Rating
190-430	5+	430-445 + 532 + 805-825	DIR LB3
430-445	3+	>825-950	DIR LB2
532	3+	>950-1064	DIR LB3
805-825	3+		
>825-950	2+		
>950-1064	3+		



KDA: Visible light transmittance: 36% Amber.

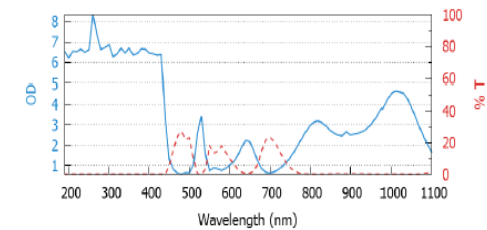
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
525-532	3+		
780-835	5+		
795-825	6+		

\$215 (Filter+Frame)



RT2: EN207 Certified. Visible light transmittance: 10% Grey. **\$195 (Filter+Frame)**

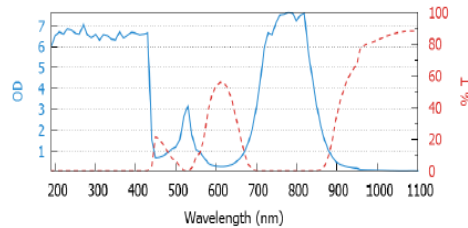
λ [nm]	OD	λ [nm]	L-Rating
190-430	5+	430-445 + 610-670	DIR LB1
>430-445	1.5+	640-650 + >825-950	DIR LB2
532	3+	532 + 805-825 + >950-1064	DIR LB3
610-670	1+		
640-650	2+		
805-825	3+		
>825-950	2+		
>950-1064	3+		



KTA: Visible light transmittance: 26% Amber.

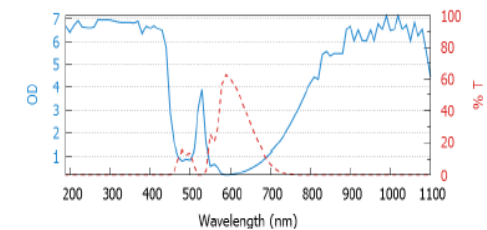
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
525-532	3+		
750-820	7+		

\$235 (Filter+Frame)



YGN: EN207 Certified. Visible light transmittance: 33% Amber. **\$210 (Filter+Frame)**

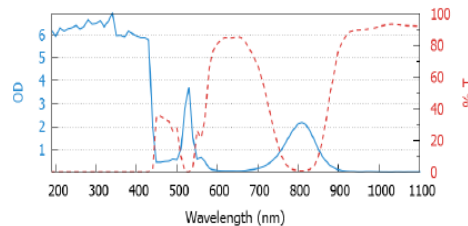
λ [nm]	OD	λ [nm]	L-Rating
190-400	5+	180-315	DIR LB7 + IR LB4
532	3+	>315-390	DIR MLB5
808-850	4+	808-850	DIR LB4
>850-1075	5+	>850-1075	DIR LB5
910-980	6+	910-1070	DIR LB6 + MLB6Y
>980-1070	7+	1W 2*10E-4J 532	RB3



AG8: Visible light transmittance: 50% Topaz.

λ [nm]	OD	λ [nm]	L-Rating
190-430	5+		Pending
518-523 + 533-536	2+		
524-532	3+		
800-820	2+		

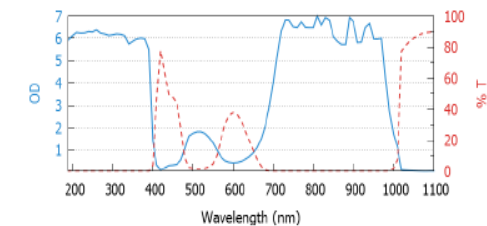
\$195 (Filter+Frame)



YDA: Visible light transmittance: 10% Brown.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
532	1.5+		
770-1085	5+		
910-1070	6+		

\$205 (Filter+Frame)



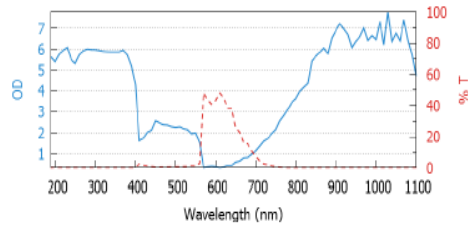
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FILTER – Visible Alignment

YGA: Visible light transmittance: 12% Orange.

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
480-532	2+		
910-1070	6+		

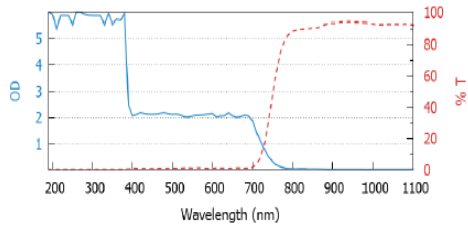
\$180 (Filter+Frame)



NDI: Visible light transmittance: 1% Grey.

λ [nm]	OD	λ [nm]	L-Rating
180-400	5+		Pending
400-700	2+		

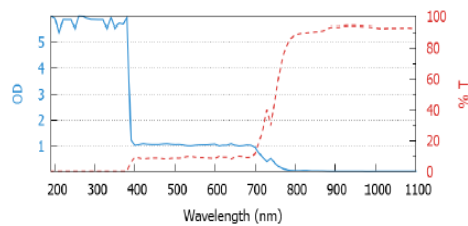
\$80 (Filter+Frame)



ND10: Visible light transmittance: 10% Grey.

λ [nm]	OD	λ [nm]	L-Rating
180-400	5+		Pending
400-700	1+		

\$80 (Filter+Frame)



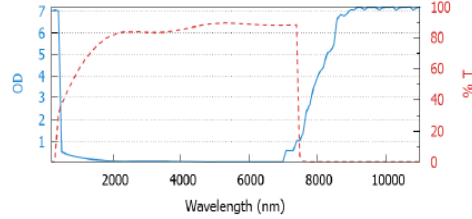
FILTER – Flashlamp/Intense Pulsed Light (IPL)



CO2: Visible light transmittance: 93% Clear.

\$45 (Filter+Frame)

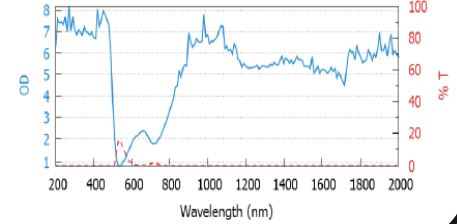
λ [nm]	OD	λ [nm]	L-Rating
190-360	5+		Pending
10600	5+		



YPL: EN207 Certified. Visible light transmittance: 7% Green.

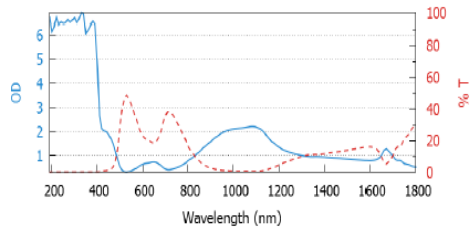
\$195 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-390	6+	190-315	D LB6 + RLB4
560-950	1+	>315-390	D LB2 + RLB4
1064	6+	560-950	DIR LB1
1300-1500	4.5+	860-1400	D LB4 + ILB5
		>950-1070	D LB5 + ILB6
		>1400-1500	D ILB3



2PL: EN207 Certified. Visible light transmittance: 15% Green. **\$60 (Filter+Frame)**

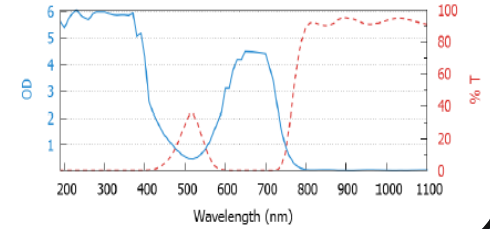
λ [nm]	OD	λ [nm]	L-Rating
190-1200			Pending



FL32: Visible light transmittance: 13% Green.

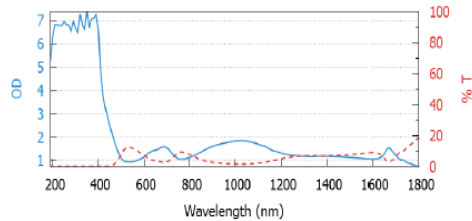
\$120 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
590-730	2+		
600-700	3+		



3PL: EN207 Certified. Visible light transmittance: 7% Green. **\$60 (Filter+Frame)**

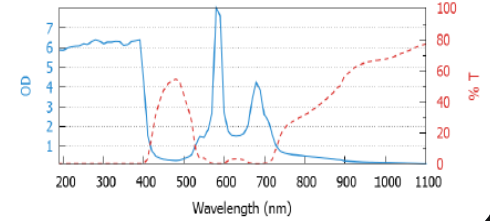
λ [nm]	OD	λ [nm]	L-Rating
190-1200			Pending



FL34: Visible light transmittance: 11% Blue.

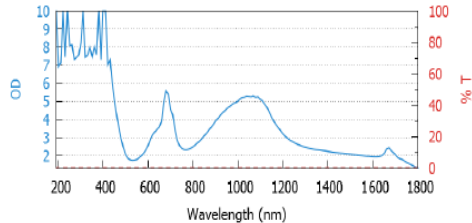
\$120 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
190-400	5+		Pending
537-720	1.5+		



5PL: EN207 Certified. Visible light transmittance: 2% Green. **\$60 (Filter+Frame)**

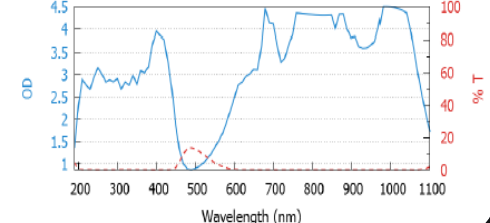
λ [nm]	OD	λ [nm]	L-Rating
190-1200			Pending



FL37: Visible light transmittance: 4% Green.

\$120 (Filter+Frame)

λ [nm]	OD	λ [nm]	L-Rating
550-1100	1.5+		Pending
620-1050	3+		
550-1100	1.5+		



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FRAMES – Fitover Style




41 Size: EXTRA-SMALL
Dimensions: 130mm×122mm×41mm

Features:
- Extra-small universal fit
- For petite faces, adolescents and pre-teens
- Comfortable over glasses or alone
- Adjustable temples


CE certified



31 Size: SMALL
Dimensions: 140mm×132mm×50mm

Features:
- Small universal fit
- Comfortable over prescription glasses or alone, offering a full field of view.


CE certified



51 Size: MEDIUM
Dimensions: 141mm×145mm×45mm

Features:
- Medium universal fit
- Comfortable over prescription glasses or alone
- Modern styling and comfort-fit temples
- Available in black (51) or white (51W)


CE certified



36 Size: MEDIUM
Dimensions: 142mm×135mm×49mm

Features:
- Medium universal fit
- Comfortable over prescription glasses or alone, offering a full field of view.
- Adjustable temples
- Available in black (36) or white (36W)


CE certified



40 Size: MEDIUM
Dimensions: 143mm×130mm×48mm

Features:
- Medium universal fit
- Comfortable over prescription glasses or alone
- Adjustable temples
- Flip-down Rx or secondary filter

CE certified



33 Size: MEDIUM
Dimensions: 145mm×138mm×54mm

Features:
- Medium universal fit
- Comfortable over prescription glasses or alone
- Comfort-fit temples
- Available in black (33) or white (33W)


CE certified



55 Size: MEDIUM
Dimensions: 145mm×142mm×45mm

Features:
- Medium universal fit
- In a Retro styling
- Insert for Rx or secondary filter


CE certified



700 Size: MEDIUM
Dimensions: 145mm×145mm×54mm

Features:
- Medium universal fit
- Comfortable over prescription glasses or alone, offering a full field of view


CE certified



42 Size: LARGE
Dimensions: 138mm×130mm×52mm

Features:
- Large universal fit
- Comfortable over prescription glasses or alone
- Wider nose bridge and adjustable temples (length and angle)


CE certified



38 Size: LARGE
Dimensions: 144mm×145mm×50mm

Features:
- Large universal fit
- Comfortable over prescription glasses or alone, offering a full field of view.
- Adjustable temples
- Available in black (38) or white (38W)

CE certified



53 Size: LARGE
Dimensions: 146mm×145mm×50mm

Features:
- Large universal fit
- Comfortable over prescription glasses or alone
- Modern styling and comfort-fit temples
- Available in black (51) or white (51W)


CE certified



900 Size: LARGE
Dimensions: 150mm×148mm×56mm

Features:
- Large universal fit
- Comfortable over prescription glasses or alone, offering a full field of view

CE certified



43 Size: LARGE
Dimensions: 150mm×150mm×55mm

Features:
- Large universal fit
- Comfortable over prescription glasses or alone
- Offer a full field of view

CE certified




39 Size: EXTRA-LARGE
Dimensions: 148mm×140mm×54mm

Features:
- Extra-large universal fit
- Comfortable over prescription glasses or alone, offering a full field of view

CE certified

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FRAMES – Wraparound Style

Features:

- Extra-small wraparound
- For petite faces, adolescents and pre-teens
- Slender faceform fit


KM Size: EXTRA-SMALL
Dimensions: 115mm×130mm×36mm | CE certified



Features:

- Medium modern wraparound
- Adjustable temples, comfort-fit tips and comfort bridge
- Removable insert for Rx or secondary filter


44 Size: MEDIUM
Dimensions: 130mm×130mm×44mm | CE certified



Features:

- Medium modern style wraparound
- 8 base lens for wide field of view
- Adjustable temple lengths and adjustable temple angles for a faceform fit


35 Size: MEDIUM
Dimensions: 130mm×130mm×47mm | CE certified



Features:

- Medium modern style wraparound
- 8 base lens curvature for wide field of view
- Comfort-fit temples and a faceform fit

52 Size: MEDIUM
Dimensions: 130mm×148mm×45mm | CE certified



Features:

- Medium modern wraparound
- Comfort-fit temples and adjustable comfort-fit bridge
- Available with FG glass lenses


46 Size: MEDIUM
Dimensions: 132mm×140mm×42mm | CE certified



Features:

- Universal soft comfort fit goggle
- Removable insert for Rx or secondary filter
- Anti-fog venting and adjustable strap


50 Size: UNIVERSAL
Dimensions: 133mm×51mm | CE certified



Features:

- Medium modern wraparound
- Adjustable temples and adjustable comfort-fit bridge


45 Size: MEDIUM
Dimensions: 133mm×132mm×45mm | CE certified



Features:

- Medium modern style wraparound
- Comfort-fit temples and nose pads
- Rimless edges and a faceform fit
- Removable insert for Rx or secondary filter

34 Size: MEDIUM
Dimensions: 135mm×142mm×48mm | CE certified



Features:

- Medium modern style wraparound
- Comfort-fit temples and nose pads for a faceform fit

56 Size: MEDIUM
Dimensions: 137mm×145mm×43mm | CE certified



Features:

- Medium universal soft comfort fit goggle
- Anti-fog venting and adjustable strap
- Comfortable over prescription glasses or alone

60 Size: MEDIUM
Dimensions: 150mm×85mm

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