

Laser Safety Goggle

Choosing correct EYE Protection

Filter -- OD, damage threshold and Visible Light Transmittance (VLT) requirements. Make sure the filter will reduce possible energy exposure to below the Maximum Permissible Exposure (MPE). Check the Photopic Visible Light Transmittance (VLT) of the filter. VLT is the percentage of visible light transmitted through a filter, calculated against the spectral sensitivity of the eye to daylight. The higher the better. VLTs below 20% should be used in well-illuminated working environments.

Consider Absorptive or Interference filters-Absorptive filters may be polymer + dye based or glass, and function by absorbing laser energy. Interference filters employ thin layers of reflective material for protection. Hybrids combine both technologies.

Lightweight polymer filters offer varying VLTs and mid-level damage thresholds for UV, Visible and near IR, with lower damage thresholds for IR.

Polymer filters are cost effective, easy to wear and offer the highest impact resistance, while heavier glass filters can offer higher VLTs and higher damage thresholds at higher expense, and dielectrically coated and hybrids offer the highest VLTs, highest damage thresholds (in that some energy is not absorbed but reflected), at the highest cost.

STNR Series

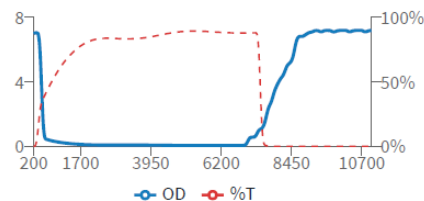
STNR laser safety goggles have found applications in nearly every discipline that employs coherent or non-coherent light, including enhancement of fluorescence of bodily fluids and latent fingerprints for forensics; enhancement of chemiluminescence and fluorescence in medical, biological and even marine biological applications; dye enhancement in leak detection, patient protection in post-treatment pharmaceutical applications, UV protection in dental and industrial bonding/curing/whitening applications and more. Our standard goggles are listed below. Other wavelengths and styles are available on request.

UV Visible

STNR-EC2

Luminous transmittance: 93% Clear

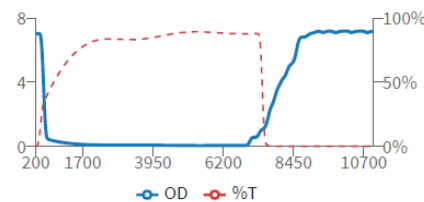
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB4	190-398	7+
>315-398	DIRM LB5	9000-11000	7+
9000-11000	DI LB3		



STNR-EC3

Luminous transmittance: 90% Clear

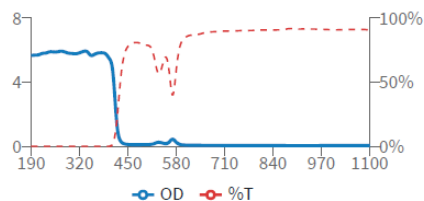
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB3	190-380	5+
>315-375	DIRM LB5	9000-11000	7+
9000-11000	DI LB4		



STNR-BD1

Luminous transmittance: 66% Plum

CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB4	190-410	5+
>315-410	DIRM LB5		



STNR-YLW

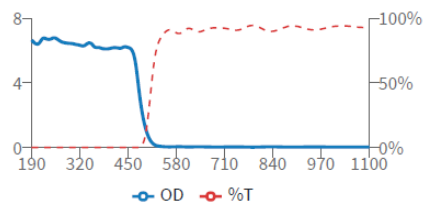
Luminous transmittance: 73% Yellow

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB4
>315-460	DIR LB5

Optical Density

Wavelength (nm)	ODs
190-450	6+
>450-460	5+



STNR-KT2

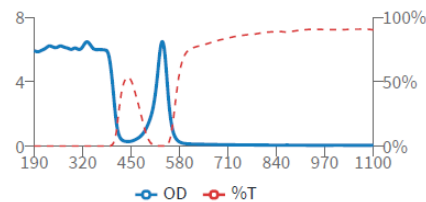
Luminous transmittance: 39% Pink

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
525-540	5+
532-535	7+



STNR-KTP

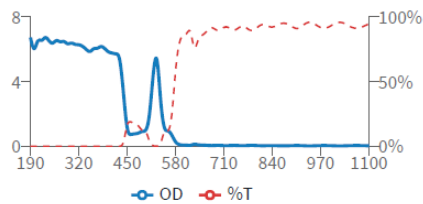
Luminous transmittance: 34% Red

CE Rating

Wavelength (nm)	L-Ratings
190-435 + 523-535	DIRM LB5
532	DIRM LB6

Optical Density

Wavelength (nm)	ODs
190-435	5+
523-535	5+
532	6+



STNR-AG4

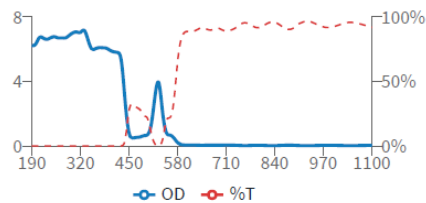
Luminous transmittance: 45% Topaz

CE Rating

Wavelength (nm)	L-Ratings
532	DIR LB4
520-535	DIR LB3

Optical Density

Wavelength (nm)	ODs
190-400	5+
520-535	3+
532	4+



STNR-ARG

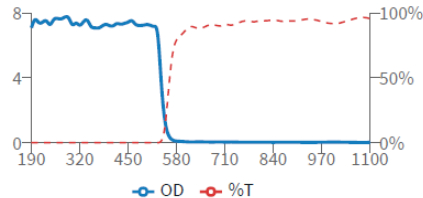
Luminous transmittance: 48% Orange

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-532	DIRM LB6

Optical Density

Wavelength (nm)	ODs
180-532	7+



STNR-ELP

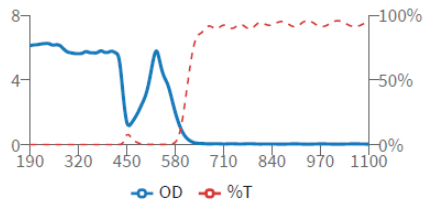
Luminous transmittance: 13% Red

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-425	5+
514-545	4+
532	6+



STNR-ZSY

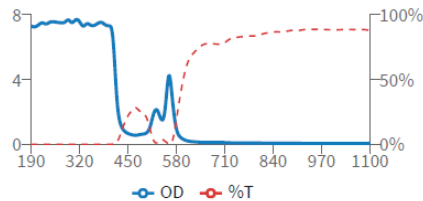
Luminous transmittance: 15% Red

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-390	DIRM LB5
0.1W 2*10E-5J 532	RB2 NOIR CE
561	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
190-400	7+
532	2+
561	5+



STNR-ZS2

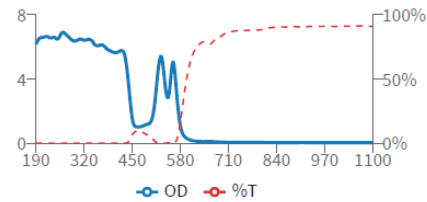
Luminous transmittance: 19% Red

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-390	DIRM LB5
532 + 561	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
190-400	6+
532	6+
561	6+



STNR-GRY

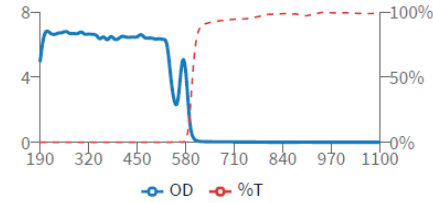
Luminous transmittance: 25% Red

CE Rating

Wavelength (nm)	L-Ratings
190-532	DIR LB6
577	DIR LB5

Optical Density

Wavelength (nm)	ODs
190-532	6+
577	5+



STNR-GR4

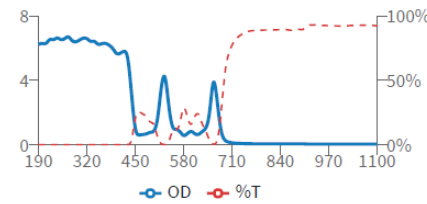
Luminous transmittance: 13% Purple

CE Rating

Wavelength (nm)	L-Ratings
520-535 + 656-668	DIRM LB3
525-532 + 660	DIR LB4 + M LB4Y

Optical Density

Wavelength (nm)	ODs
520-535 + 656-668	3+
525-532 + 660	4+



STNR-TRC

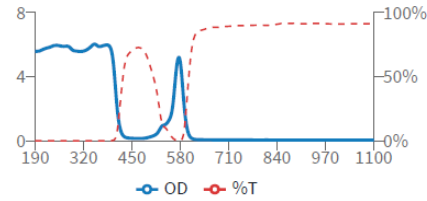
Luminous transmittance: 26% Purple

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-390	DIRM LB5
575-579	DIRM LB5

Optical Density

Wavelength (nm)	ODs
190-400	6+
575-579	5+



STNR-KRY

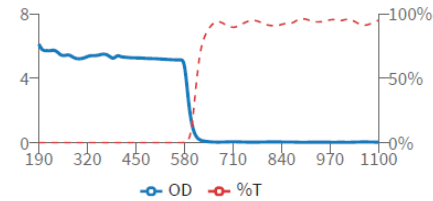
Luminous transmittance: 9% Red

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-579	5+



STNR-DYE

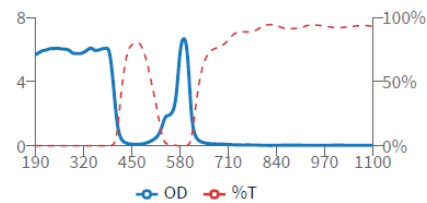
Luminous transmittance: 15% Purple

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-395	DR LB4
>575-600	DI LB4
582-598	I LB6
585-595	I LB7

Optical Density

Wavelength (nm)	ODs
190-400	5+
576-600	5+
582-598	6+
585-595	7+



STNR-DY4

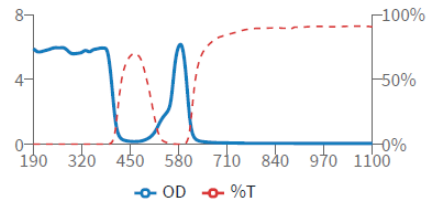
Luminous transmittance: 14% Purple

CE Rating

Wavelength (nm)	L-Ratings
575-595	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
575-595	6+
585	6.6+

**STNR-DY6**

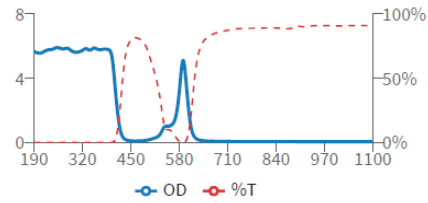
Luminous transmittance: 23% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
580-590	5+
585	6+

**STNR-DY7**

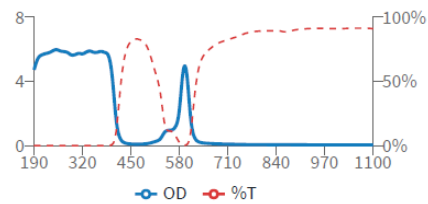
Luminous transmittance: 23% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
590-600	5+
595	6+

**STNR-DYG**

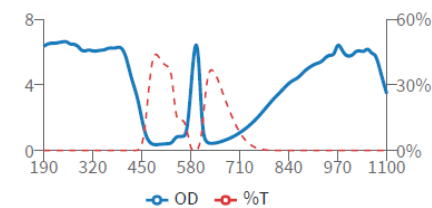
Luminous transmittance: 15% Green

CE Rating

Wavelength (nm)	L-Ratings
585-<590	D LB4 + I LB5
590-600	D LB4 + I LB6
950-1064	D LB5 + IR LB6
>1064-1070	DIR LB5

Optical Density

Wavelength (nm)	ODs
190-400	5+
585-<600	6+
950-1064	6+
>1064-1070	5+

**STNR-DY2**

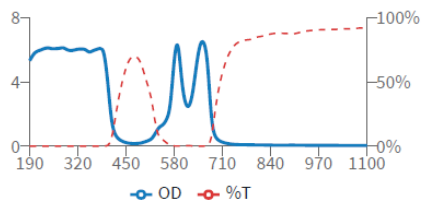
Luminous transmittance: 14% Blue

CE Rating

Wavelength (nm)	L-Ratings
580-590 + 645-670	DIR LB5
585 + 650-665	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
190-400	5+
580-590	5+
585	6+
645-670	5+
650-665	6+

**STNR-LUT**

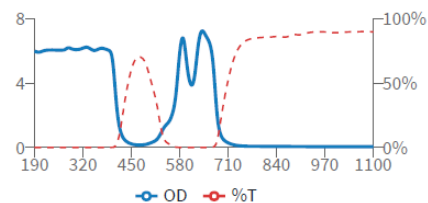
Luminous transmittance: 12% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
580-590 + 645-670	5+
585+ 660-665	6+
620-630	4+

**STNR-DY3**

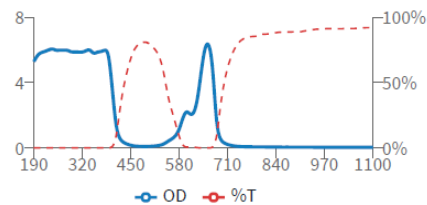
Luminous transmittance: 36% Aqua

CE Rating

Wavelength (nm)	L-Ratings
645-670	DIR LB5
650-665	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
190-400	5+
645-670	5+
650-665	6+

**STNR-DY5**

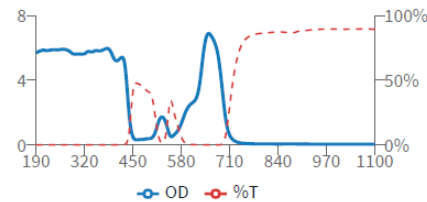
Luminous transmittance: 8% Aqua

CE Rating

Wavelength (nm)	L-Ratings
640-665	D LB5 + IR LB6
>665-680	DIR LB5

Optical Density

Wavelength (nm)	ODs
532	1.8
640-680	5.3+
650	6.5+

**STNR-HNE**

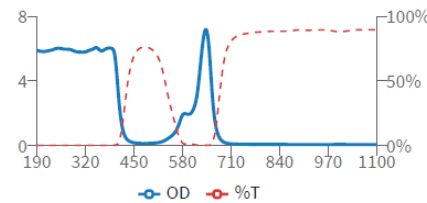
Luminous transmittance: 18% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
625-647	5+
630-644	6+

**STNR-ZS1**

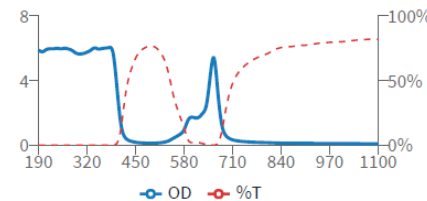
Luminous transmittance: 34% Aqua

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-390	DIRM LB5
655-664	D LB4 + IR LB5
659	D LB5 + IR LB6

Optical Density

Wavelength (nm)	ODs
190-400	6+
655-664	5+
659	6+

**STNR-KRR**

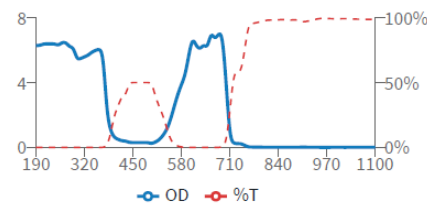
Luminous transmittance: 17% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-380	5+
606-694	5+

**STNR-DI5**

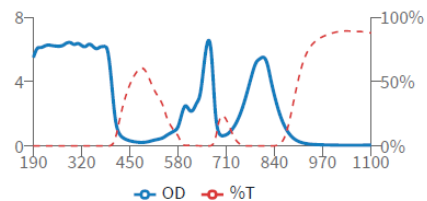
Luminous transmittance: 16% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	6+
650-670	5+
800-815	5+

**STNR-DI4**

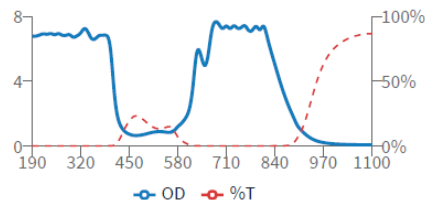
Luminous transmittance: 12% Blue

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + R LB3
>315-395	D LB5 + R LB6
625-670 + >800-830	I LB4
625-830	DR LB4
>670-800	I LB5
>830-850	DIR LB3
>850-860	DIR LB2
10600	DI LB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
625-850	4+
633	5+
662-835	5+

**STNR-RB1**

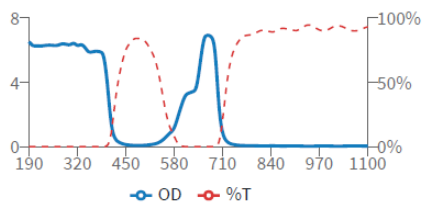
Luminous transmittance: 33% Teal

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
610-645	3+
>690-700	4+
650-690	5+
655-685	6+
660-680	7+

**STNR-RB2**

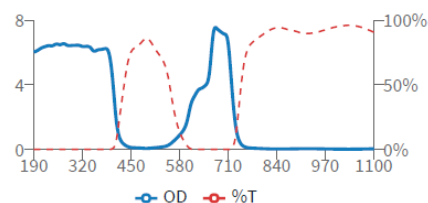
Luminous transmittance: 35% Teal

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-400	DR LB4
>615-660	DIR LB3
>660-665	DIR LB4
>665-715	D LB4 + IR LB5
694	IR LB7

Optical Density

Wavelength (nm)	ODs
190-400	6+
615-720	3+
651-670	4+
671-715	5+
680-710	6+
690-700	7+

**STNR-RB3**

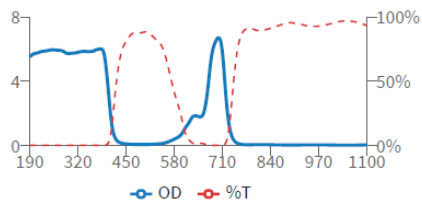
Luminous transmittance: 56% Teal

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB5 + R LB4
>315-400	D LB4
625-665	DIR LB1
>665-693	DIR LB2
694-700	D LB4 + I LB7 + R LB6
>700-710	D LB4 + IR LB6
>710-720	DIR LB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
630-665	1.5+
680-710	5+
685-705	6+
694	7+

**STNR-RB4**

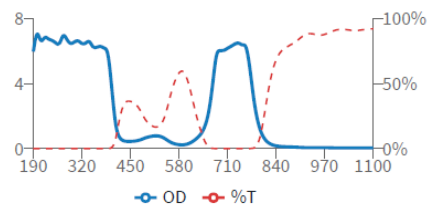
Luminous transmittance: 37% Pink

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	6+
680-735	6+

**STNR-CT2**

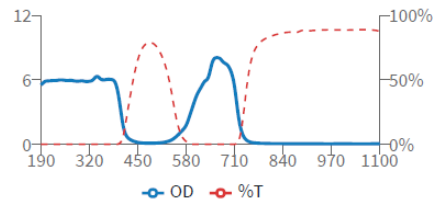
Luminous transmittance: 20% Aqua

CE Rating

Wavelength (nm)	L-Ratings
630-711	DIR LB5
648-708	D LB5 + IR LB6
651-704	D LB5 + IR LB7
654-699	D LB5 + IR LB8
712-713	DIR LB4
714-717	DIR LB3

Optical Density

Wavelength (nm)	ODs
630-711	5+
648-708	6+
651-704	7+
654-699	8+
712-713	4+
714-717	3+



IR - 755 / 810 / 980 / 1064 / 532 Combos and fs pulses

STNR-LIA

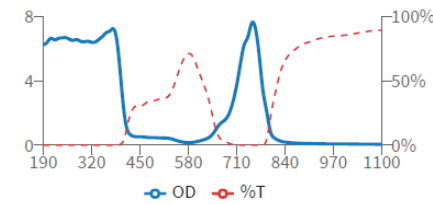
Luminous transmittance: 51% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB4
>315-390	D LB4 + IR LB6
730-760	DIR LB5
745-760	R LB5
750-760	I LB7

Optical Density

Wavelength (nm)	ODs
180-400	5+
730-760	5+
750-760	7+



STNR-ALX

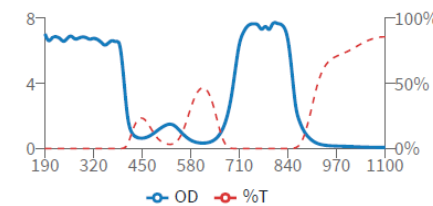
Luminous transmittance: 25% Pink

CE Rating

Wavelength (nm)	L-Ratings
720-830	I LB7 + R LB6
720-840	D LB5
>830-840	I LB6 + R LB5

Optical Density

Wavelength (nm)	ODs
190-400	5+
720-830	7+
830-840	6+



STNR-AXX

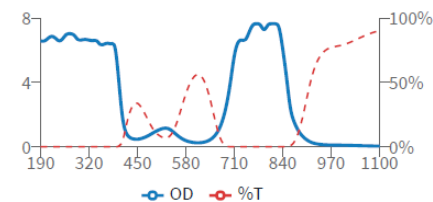
Luminous transmittance: 33% Pink

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB4
>315-390	DIRM LB6
720-810	D LB6 + IM LB7 + R LB5
>810-830	DIRM LB5

Optical Density

Wavelength (nm)	ODs
190-400	6+
720-810	7+
>810-830	5+



STNR-CYN

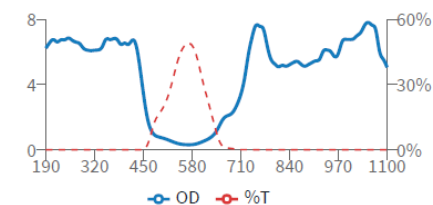
Luminous transmittance: 36% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + R LB4
>315-430	D LB4 + IR LB6
730-1085	DIR LB5
745-765	DIR LB6
750-760	D LB6 + IRM LB7
1064	D LB6 + IRM LB7

Optical Density

Wavelength (nm)	ODs
190-435	5+
730-1085	5+
755	7+
1064	7+



STNR-SMI

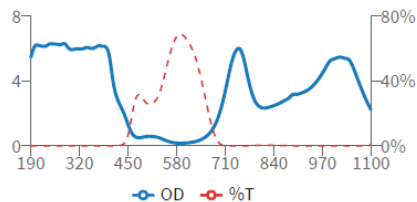
Luminous transmittance: 51% Green

CE Rating

Wavelength (nm)	L-Ratings
747-767	DIR LB5
1061-1067	DIR LB4

Optical Density

Wavelength (nm)	ODs
180-400	5+
720-770	4+
730-767	5+
960-1067	4+
990-1040	5+

**STNR-DI8**

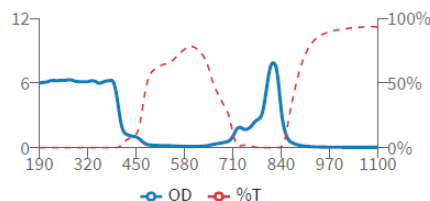
Luminous transmittance: 69% Yellow

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-399	D LB5 + IR LB6
800-830	D LB4 + IR LB5
805-825	D LB5 + IRM LB7

Optical Density

Wavelength (nm)	ODs
190-400	5+
800-830	5+
805-825	7+

**STNR-DI2**

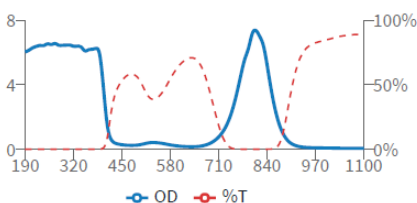
Luminous transmittance: 61% Pink

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-390	D LB4 + R LB6
785-800 + >818-830	D LB4 + I LB5
>800-818	DR LB5 + IM LB6
10600	DI LB2

Optical Density

Wavelength (nm)	ODs
180-390	6+
785-830	5+
800-818	6+

**STNR-DLS**

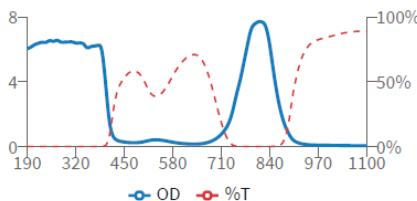
Luminous transmittance: 49% Pink

CE Rating

Wavelength (nm)	L-Ratings
785-830	D LB5 + IR LB7

Optical Density

Wavelength (nm)	ODs
180-400	6+
785-830	7+

**STNR-DI1**

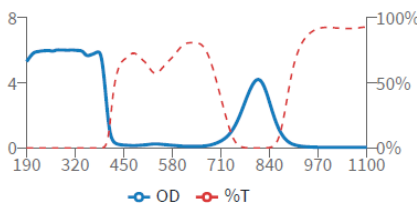
Luminous transmittance: 68% Pink

CE Rating

Wavelength (nm)	L-Ratings
795-820	DIR LB4

Optical Density

Wavelength (nm)	ODs
795-820	4+

**STNR-DI3**

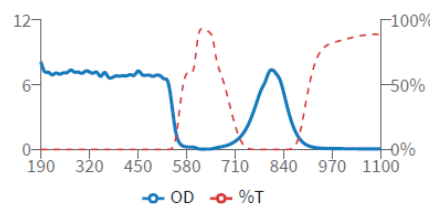
Luminous transmittance: 32% Amber

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + R LB4
>315-532	D LB4 + IRM LB6
450-532 + 787-830	D LB5 + IRM LB6

Optical Density

Wavelength (nm)	ODs
190-532	6+
785-830	5+
800-815	6+

**STNR-KDA**

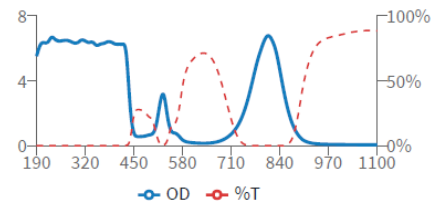
Luminous transmittance: 36% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
525-532	3+
780-835	5+
795-825	6+

**STNR-KT1**

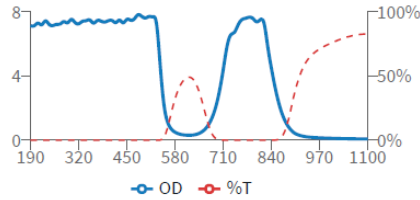
Luminous transmittance: 23% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-532	7+
750-820	7+

**STNR-KTA**

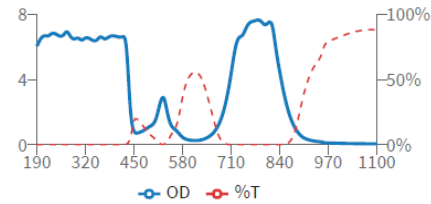
Luminous transmittance: 26% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
525-532	3+
750-820	7+

**STNR-ML1**

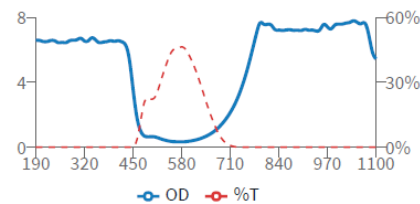
Luminous transmittance: 45% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB4
>315-420	DIR LB5
>420-445	DIR LB4
765-1100	DIRM LB5
775-1085	D LB5 + IRM LB6
790-1080	D LB6 + IRM LB7
950-1085	DIRM LB6

Optical Density

Wavelength (nm)	ODs
190-420	5+
765-1100	5+
775-1085	6+
790-1080	7+

**STNR-DD2**

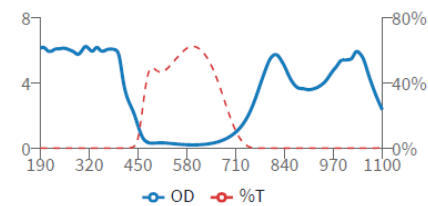
Luminous transmittance: 56% Yellow

CE Rating

Wavelength (nm)	L-Ratings
765-1080	DIR LB3
780-855 + 950-1070	DIR LB4
795-835 + 980-1050	DIR LB5

Optical Density

Wavelength (nm)	ODs
765-1080	3+
780-855 + 950-1070	4+
795-835 + 980-1050	5+

**STNR-YD1**

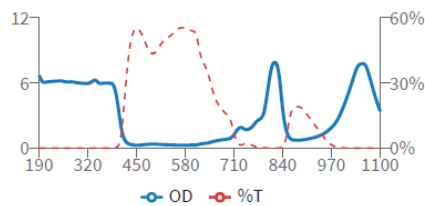
Luminous transmittance: 40% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
800-830 + 1025-1075	5+
805-825 + 1045-1065	7+
1035-1070	6+

**STNR-DD1**

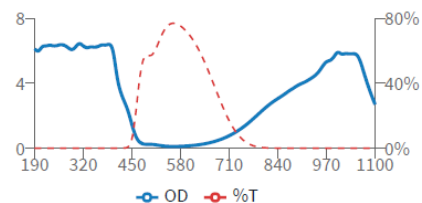
Luminous transmittance: 69% Green

CE Rating

Wavelength (nm)	L-Ratings
850-1090	DIR LB3
915-1075	DIR LB4
965-1065	DIR LB5

Optical Density

Wavelength (nm)	ODs
850-1090	3+
915-1075	4+
965-1065	5+



STNR-YG5

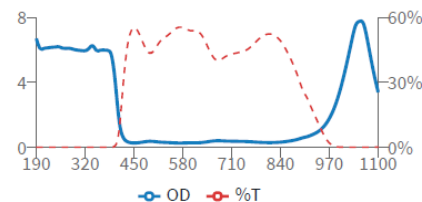
Luminous transmittance: 55% Grey

CE Rating

Wavelength (nm)	L-Ratings
1025-1075	DIR LB5 + M LB5Y
1035-1070	DIR LB6 + M LB6Y
1045-1065	DIR LB7 + M LB7Y

Optical Density

Wavelength (nm)	ODs
190-400	5+
1025-1075	5+
1035-1070	6+
1045-1065	7+



STNR-YG3

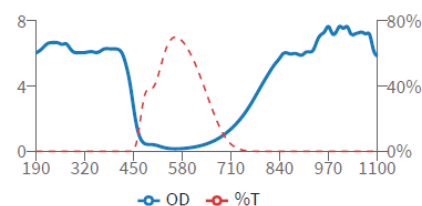
Luminous transmittance: 59% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB4 + M LB6Y
>315-425	DIRM LB5
790-<808	DIRM LB3
808-840	DIRM LB4
>840-950	DIRM LB5
>950-1080	D LB6 + IRM LB7
1080-1090	DIRM LB5

Optical Density

Wavelength (nm)	ODs
190-400	5+
808-840	4+
>840-950	5+
>950-1080	7+
>1080-1090	5+



STNR-YG4

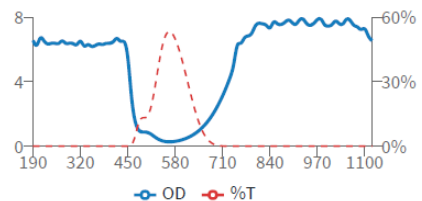
Luminous transmittance: 37% Green

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
750-800 + >1100-1120	DIR LB6 + M LB6Y
>800-1100	D LB6 + IR LB7 + M LB7Y

Optical Density

Wavelength (nm)	ODs
190-400	6+
750-1120	6+
800-1100nm	7+



STNR-YG2

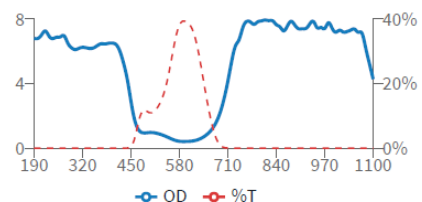
Luminous transmittance: 25% Amber

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-400	DR LB4
720-725	DM LB5
720-750 + >1064-1075	IR LB5
>725-1075	DM LB6
>750-1064	IRM LB7

Optical Density

Wavelength (nm)	ODs
180-400	6+
720-1090	5+
750-1064	7+



STNR-DBY

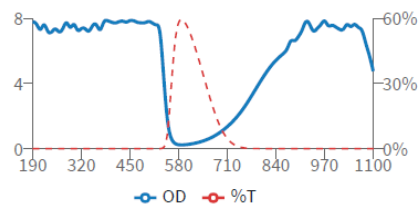
Luminous transmittance: 35% Amber

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + R LB4
>315-534	D LB5 + IRM LB6
850-925	DIRM LB5
>925-980	D LB5 + IRM LB6
>980-1064	D LB6 + IRM LB7
>1064-1085	DIRM LB5

Optical Density

Wavelength (nm)	ODs
190-534	7+
850-925	5+
925-1070	6+
960-1064	7+



STNR-YGH

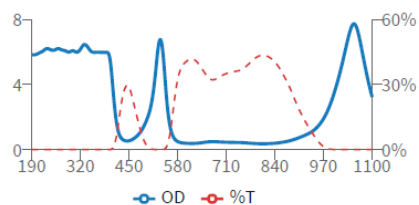
Luminous transmittance: 21% Pink

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB6 + IR LB5 + M LB6Y
316-400	DIRM LB6
525-540	DIRM LB5
532-535	D LB6 + IR LB7 + M LB7Y
1025-1080	DIRM LB5
1035-1070	DIRM LB6
1045-1065	D LB6 + IR LB7 + M LB7Y

Optical Density

Wavelength (nm)	ODs
190-400	6+
525-540 + 1025-1080	5+
1035-1070	6+
532-535 + 1045-1065	7+



STNR-YKT

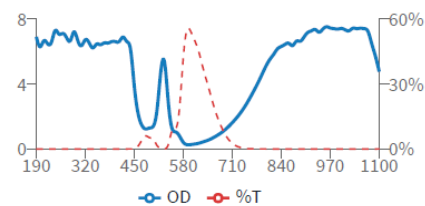
Luminous transmittance: 23% Orange

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
524-532	6+
800-925	5+
925-1070	7+



STNR-YGR

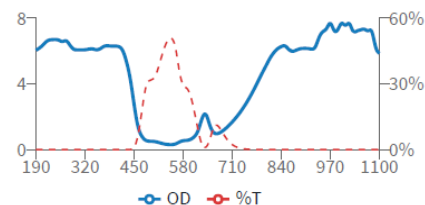
Luminous transmittance: 35% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-430	5+
632-635	2+
808-840	4+
>840-950	5+
>950-1080	7+
>1080-1090	5+



STNR-TRI

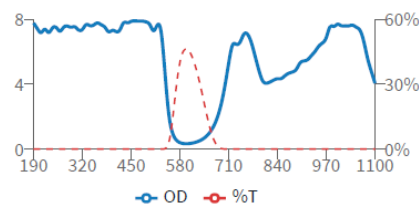
Luminous transmittance: 22% Amber

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-400	DIRM LB5
>400-534	D LB5 + IRM LB6
720-770 + >850-1080	DIRM LB5
750-765 + 980-1065	D LB5 + IR LB7 + M LB7Y
>770-850	DIRM LB4

Optical Density

Wavelength (nm)	ODs
180-534	7+
720-770	5+
750-760	7+
770-850	4+
850-1080	5+
980-1064	7+



STNR-CND

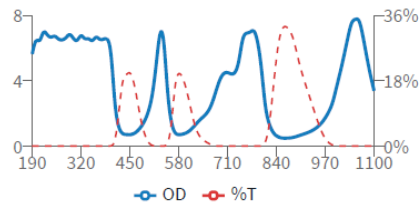
Luminous transmittance: 9% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
532 + 785 + 1064	7+
750-790	6+
740-795	5+

**STNR-DBD**

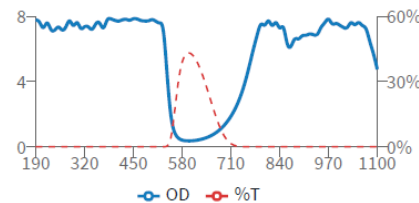
Luminous transmittance: 22% Amber

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB7 + IR LB3
>315-532	D LB5 + IRM LB7
760-<770 + >1075-1085	DIRM LB5
770-<800 + >820-960	DIRM LB6
>1064-1075	DIRM LB6
800-820 + >960-1064	D LB6 + IRM LB7

Optical Density

Wavelength (nm)	ODs
190-534	7+
760-1090	5+
790-850	7+
>850-960	6+
>960-1070	7+

**STNR-PWV**

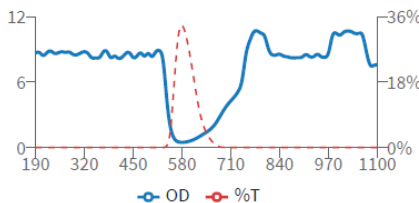
Luminous transmittance: 13% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-532	8+
730-1110	5+
745-1100	7+
753-765	9+
765-800	10+
>800-980	8+
>980-1065	10+

**STNR-YHR**

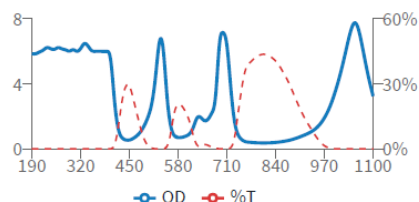
Luminous transmittance: 10% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	6+
525-540 + 1025-1075	5+
1035-1070	6+
532-535 + 694 + 1045-1065	7+

**STNR-YAD**

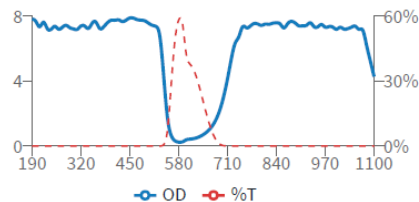
Luminous transmittance: 11% Amber

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + R LB4
>315-534 + 730-740	D LB5 + IRM LB6
>740-1070	D LB6 + IRM LB7

Optical Density

Wavelength (nm)	ODs
180-534	7+
720-730	5+
>730-740	6+
>740-1070	7+

**STNR-YGN**

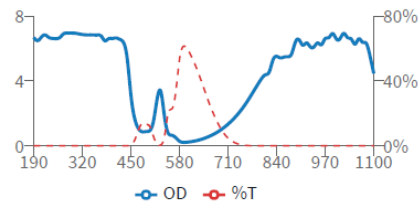
Luminous transmittance: 33% Amber

CE Rating

Wavelength (nm)	L-Ratings
180–315	D LB7 + IR LB4
>315–390	DIRM LB5
808–850	DIR LB4
>850–1075	DIR LB5
910–1070	DIR LB6 + M LB6Y
1W 2*10E-4J 532	RB3

Optical Density

Wavelength (nm)	ODs
190–400	5+
532	3+
808–850	4+
>850–1075	5+
910–980	6+
>980–1070	7+

**STNR-YDA**

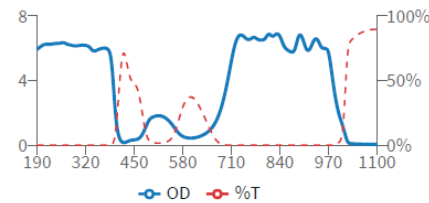
Luminous transmittance: 10% Brown

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–400	5+
532	1.5+
770–1085	5+
910–1070	6+

**STNR-YGA**

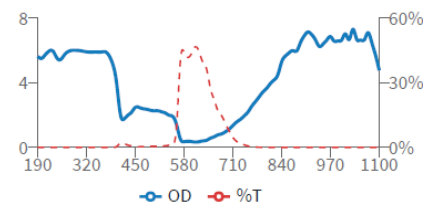
Luminous transmittance: 12% Orange

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–400	5+
480–532	2+
910–1070	6+

**STNR-ELX**

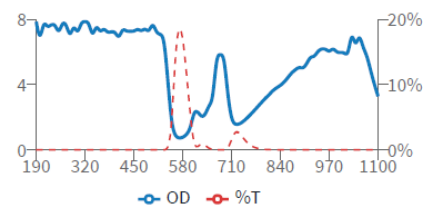
Luminous transmittance: 7% Green

CE Rating

Wavelength (nm)	L-Ratings
180–315	D L7 + R L4
>315–450	D L4 + IR L6
450–532	D L5 + IR L6
>670–675	DIR L4
>675–690	DIR L6
>690–695	DIR L4
900–1070	DIR L5

Optical Density

Wavelength (nm)	ODs
190–532	5+
670–690	5+
900–1070	5+

**STNR-YHD**

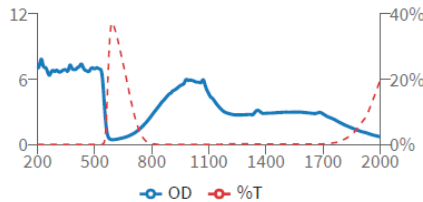
Luminous transmittance: 10% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–534	6+
800–850	3+
850–905	4+
905–1070	5+
1064	6+
1070–1500	2.5+

**STNR-CTR**

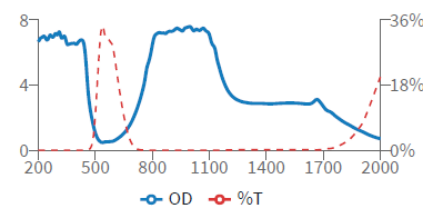
Luminous transmittance: 26% Green

CE Rating

Wavelength (nm)	L-Ratings
770–800	DIR LB5
>800–810	DIR LB6
>810–1100	DR LB6 + I LB7
>1100–1800	DIR LB1

Optical Density

Wavelength (nm)	ODs
500–770	0.5+
770–810	5+
>810–1100	7+
>1100–1800	1.5+



STNR-ML5

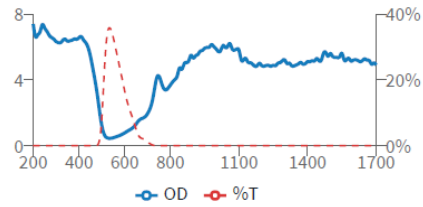
Luminous transmittance: 23% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
755	4+
820-1720	4+
900-1100	5+



STNR-IRD2

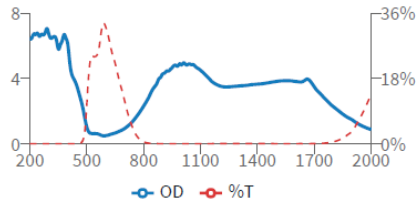
Luminous transmittance: 23% Yellow/Green

CE Rating

Wavelength (nm)	L-Ratings
785-<830	DIR LB2
830-1700	DIR LB3

Optical Density

Wavelength (nm)	ODs
190-400	5+
785-<830	2+
830-1700	3+



STNR-IRD

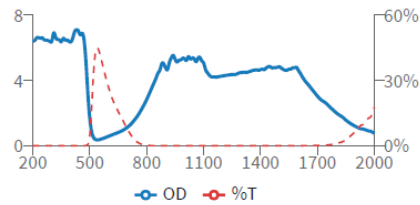
Luminous transmittance: 19% Green

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-400	DR LB4
>770-820	DIR LB2
>820-865	DIR LB3
>865-940	DIR LB4
>940-1064	DIRM LB5
>1064-1400	DIRM LB4
>1400-1850	DI LB2

Optical Density

Wavelength (nm)	ODs
190-450	6+
770-1800	2+
820-1720	3+
870-1600	4+
940-1070	5+



STNR-IRD5

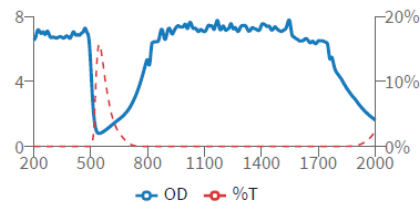
Luminous transmittance: 16% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB8 + IR LB3
>315-480	D LB5 + IR LB6
775-795	DIR LB4
>795-820	DIR LB5
>820-1400	D LB5 + IR LB6
>1400-1880	DIR LB2

Optical Density

Wavelength (nm)	ODs
190-480	6+
800-1790	5+
820-950	6+
>950-1400	7+
>1400-1750	6+



STNR-IRD4

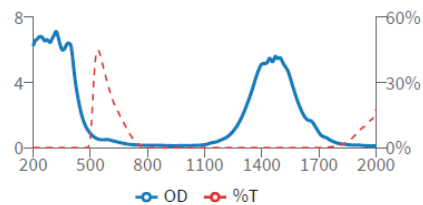
Luminous transmittance: 32% Amber

CE Rating

Wavelength (nm)	L-Ratings
1400-1550	DI LB3

Optical Density

Wavelength (nm)	ODs
190-400	5+
1400-1550	4+
1410-1510	5+



STNR-IRD6

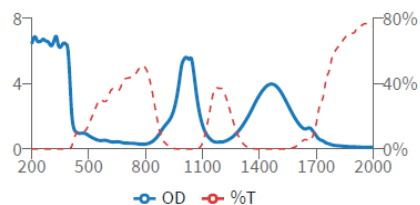
Luminous transmittance: 25% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
980 + 1445-1485	4+



□ Holmium - Erbium 2100-3000nm Combos

STNR-HOY

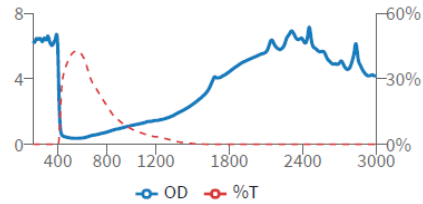
Luminous transmittance: 41% Grey

CE Rating

Wavelength (nm)	L-Ratings
1400-1450	DI LB1
>1450-1650	DI LB2
>1650-1800	DI LB3
>1800-3000 + 5200-11000	DI LB4

Optical Density

Wavelength (nm)	ODs
190-400	5+
1450-1650	2+
>1650-1775	3+
>1775-3000	4+
1980-2550	5+
5200-11000	5+
9000-10600	6+



STNR-HYD

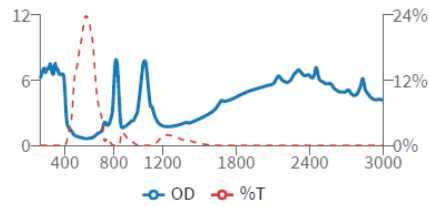
Luminous transmittance: 20% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
805-830 + 1025-1075	5+
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+



STNR-HYG

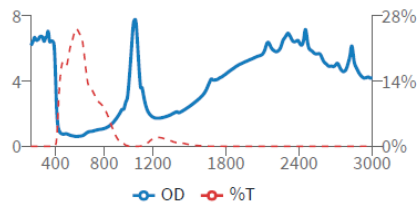
Luminous transmittance: 23% Grey

CE Rating

Wavelength (nm)	L-Ratings
1025-1075	DIRM LB5
1035-1070	DIRM LB6
1045-1065	D LB6 + IR LB7 + M LB7Y
1450-1650	DIR LB2
>1650-1775	DI LB3 + R LB3Y
>1775-3000	DI LB4 + R LB3Y
5200-11000	DI LB4 + R LB3Y

Optical Density

Wavelength (nm)	ODs
1025-1075	5+
1035-1070	6+
1045-1065	7+
1450-1650	2+
>1650-1775	3+
>1775-3000	4+
1980-2550	5+
5200-11000	5+
9000-10600	6+



STNR-ERB

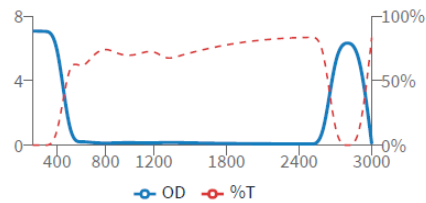
Luminous transmittance: 93% Clear

CE Rating

Wavelength (nm)	L-Ratings
180-315	D L8
180-390	IR L4
>315-390	D L4
2780-2940	DI L2
10600	DI L2

Optical Density

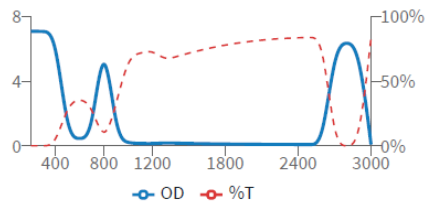
Wavelength (nm)	ODs
190-398	5+
2780	5+
2940	6+
10600	5+



STNR-DRB

Luminous transmittance: 61% Pink

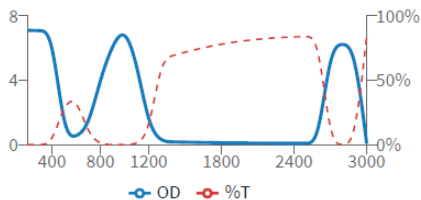
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB4	190-390	6+
>315-390	DIRM LB5	785-830	5+
785-830	D LB4 + IR LB5	800-818	6+
800-818	D LB4 + IR LB6	2700-2950	5+
2780-2940	DI LB2		



STNR-YRB

Luminous transmittance: 65% Green

CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB4	190-380	5+
>315-400	DIRM LB5	808-840	4+
808-840	DIR LB4	>840-950	5+
>840-950	D LB4 + IR LB5	950-1070	7+
>950-1070	D LB4 + IR LB6	2700-2950	5+
2780-2940	DI LB2		

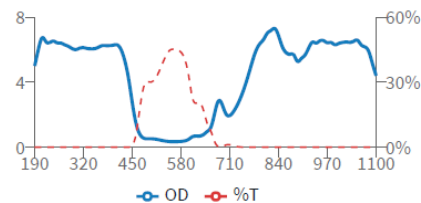


Low OD for Multi-Lin Visible, IR and LLLT

STNR-BTL

Luminous transmittance: 36% Green

CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
670-695	DIR LB2	670-695	2+
805-820	D LB6 + IR LB7Y	760-1100	4+
915-1075	DI LB6 R LB6Y	775-1085	5+
760-1100	DIR LB4	915-1075	6+
775-1085	DIR LB5	805-820	7+



STNR-AST

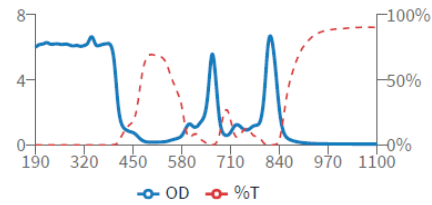
Luminous transmittance: 35% Aqua

CE Rating

Wavelength (nm)	L-Ratings
650-670	DIR LB2
660	DIR LB6
808-825	DIR LB5

Optical Density

Wavelength (nm)	ODs
590-690	1+
650-670	2+
660	6+
808-825	6+

**STNR-DI6**

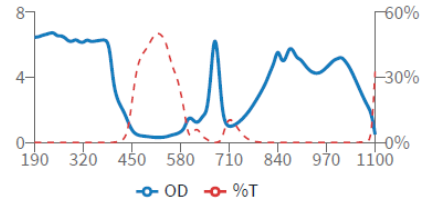
Luminous transmittance: 35% Green

CE Rating

Wavelength (nm)	L-Ratings
610-664 + 735-789	DIR LB1
665-669 + >690-698	DIR LB2
670-690 + 808-1050	DIR LB3
790-807 + >1050-1080	DIR LB2

Optical Density

Wavelength (nm)	ODs
610-664	1+
665-<670	2+
670-690	3+
>690-698	2+
735-789	1+
790-<808	2+
808-1050	3+
>1050-1080	2+

**STNR-DI7**

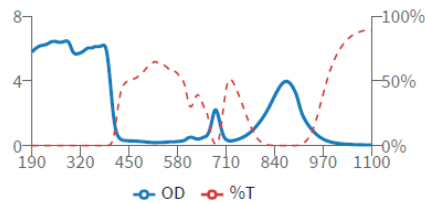
Luminous transmittance: 56% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
680	2+
828-905	2.5+

**STNR-TP1**

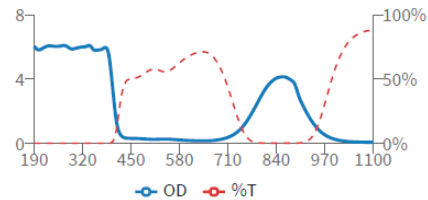
Luminous transmittance: 58% Tan

CE Rating

Wavelength (nm)	L-Ratings
780-<800 + >890-920	DIR LB2
800-890	DIR LB3

Optical Density

Wavelength (nm)	ODs
780-<800	2+
800-890	3+
>890-920	2+

**STNR-TP2**

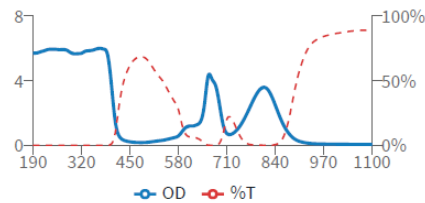
Luminous transmittance: 36% Aqua

CE Rating

Wavelength (nm)	L-Ratings
655-685 + 785-830	DIR LB3
650-<655 + >685-690	DIR LB2
770-<785 + >830-845	DIR LB2

Optical Density

Wavelength (nm)	ODs
650-<655	2+
655-685	3+
>685-690	2+
770-<785	2+
785-830	3+
>830-845	2+

**STNR-TP3**

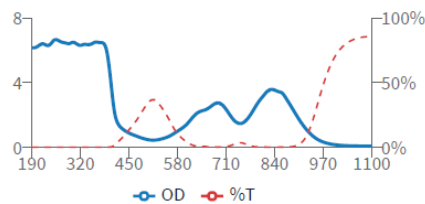
Luminous transmittance: 16% Aqua

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
400-410	2+
>630-715	2+
>715-775	1.5+
>775-805	2+
805-865	3+
900-910	1.5+

**STNR-DI9**

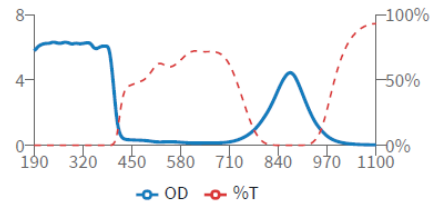
Luminous transmittance: 63% Tan

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
820-915	2+
840-900	3+



STNR-ML3

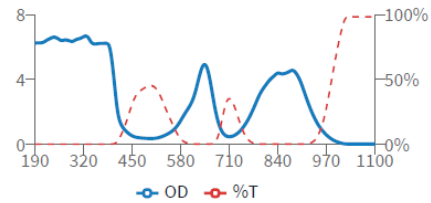
Luminous transmittance: 16% Blue

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB7 + IR LB4
>315-395	D LB5 + IRM LB6
630-660 + 800-915	DIR LB3
>660-670 + 780-920	DIR LB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
630-660	3+
660-670	2+
780-920	2+
800-915	3+



STNR-ML2

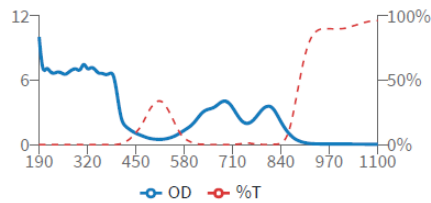
Luminous transmittance: 17% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
630-710	3+
790-820	3+
800-810	3.5+



STNR-ML4

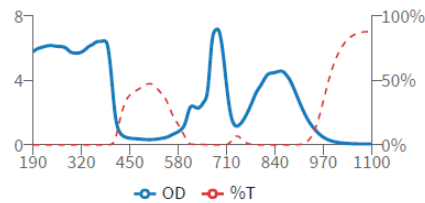
Luminous transmittance: 26% Teal

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
610-715	2+
670-695	5+
790-890	3+
810-875	4+



STNR-ML6

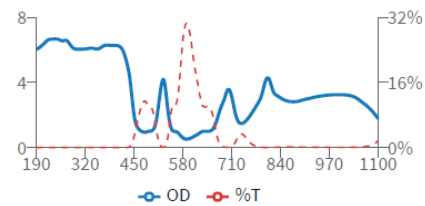
Luminous transmittance: 17% Amber

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
532	4.2+
690	2.8+
710	3.2+
800-810	3.5
915-1070	2.8+
1064	3.5+



STNR-ML7

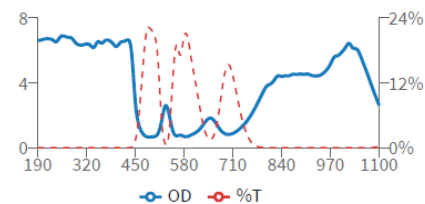
Luminous transmittance: 13% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
532	2.5+
630-655	1.5+
795-1070	3.7+
810-1064	4+



STNR-DIW

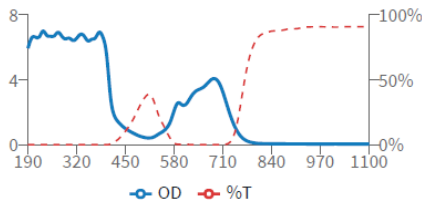
Luminous transmittance: 15% Green

CE Rating

Wavelength (nm)	L-Ratings
315-420 + >625-715	DIR LB3
582-625	DIR LB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
405-420	3+
585-625	2.5+
626-710	3+



Visible Alignment

STNR-BDA

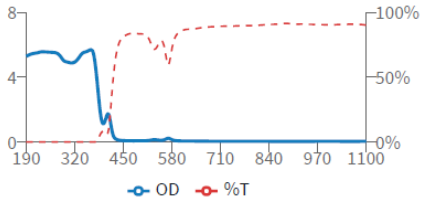
Luminous transmittance: 79% Plum

CE Rating

Wavelength (nm)	L-Ratings
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Optical Density

Wavelength (nm)	ODs
190-375	5+
405	2+



STNR-ABL

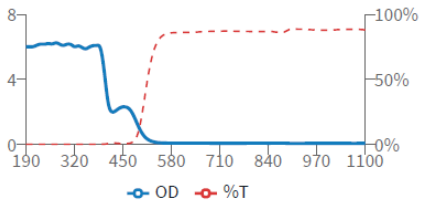
Luminous transmittance: 77% Yellow

CE Rating

Wavelength (nm)	L-Ratings
0.1W 2*10E-5J 430-470	RB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
430-470	2+



STNR-AL2

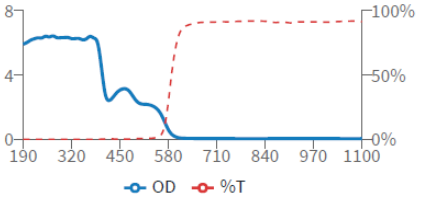
Luminous transmittance: 21% Red

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-380	5+
400-532	2+



STNR-AL3

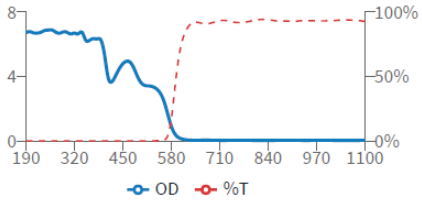
Luminous transmittance: 19% Red

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-395	D LB4 + IR LB6
>395-540	DIR LB3
1W 2*10E-4J 488-540	RB3

Optical Density

Wavelength (nm)	ODs
180-395	5+
395-540	3+



STNR-AL4

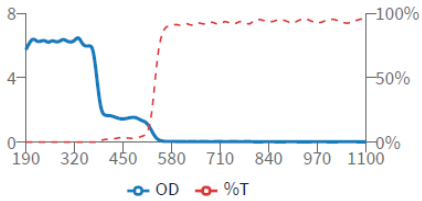
Luminous transmittance: 73% Orange

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
405 + 488	1.5+
400-514	1+



STNR-AG1

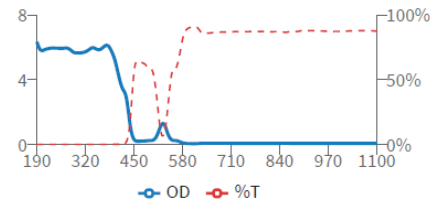
Luminous transmittance: 56% Topaz

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
532	1+

**STNR-AG2**

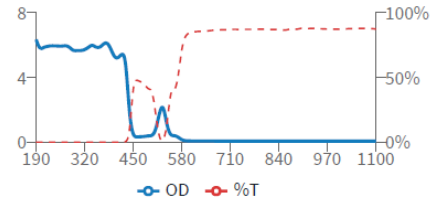
Luminous transmittance: 53% Topaz

CE Rating

Wavelength (nm)	L-Ratings
0.1W 2*10E-5J 524-532	RB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
524-532	2+

**STNR-AG3**

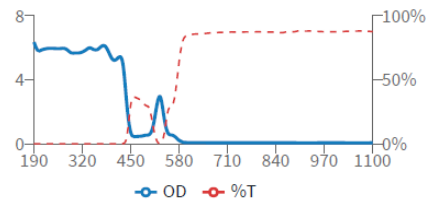
Luminous transmittance: 47% Topaz

CE Rating

Wavelength (nm)	L-Ratings
0.1W 2*10E-5J 518-523 + 533-536	RB2
1W 2*10E-4J 524-532	RB3

Optical Density

Wavelength (nm)	ODs
190-400	5+
518-523 + 533-536	2+
524-532	3+

**STNR-AG8**

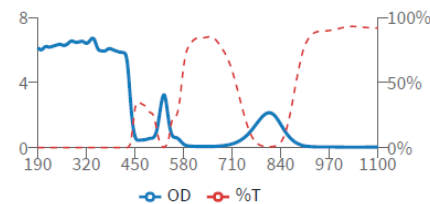
Luminous transmittance: 50% Topaz

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-430	5+
518-523 + 533-536	2+
524-532	3+
800-820	2+

**STNR-PBG**

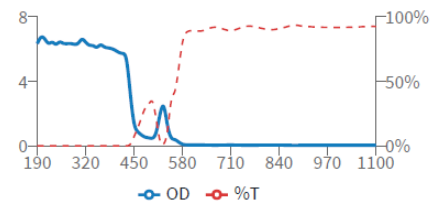
Luminous transmittance: 49% Orange

CE Rating

Wavelength (nm)	L-Ratings
0.01W 2*10E-6J 445-450	RB1
0.1W 2*10E-5J 520-532	RB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
445-450	1.5+
520	2+
532	2.5+

**STNR-ABG**

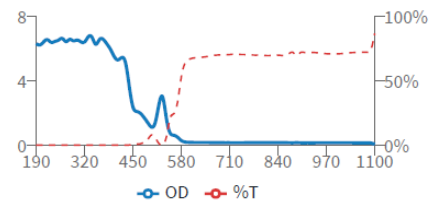
Luminous transmittance: 38% Orange

CE Rating

Wavelength (nm)	L-Ratings
0.1W 2*10E-5J 445-470	RB2
1W 2*10E-4J 524-532	RB3

Optical Density

Wavelength (nm)	ODs
180-400	5+
445-470 + 520	2+
524-532	3+

**STNR-AGR**

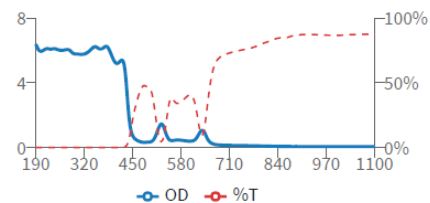
Luminous transmittance: 31% Grey

CE Rating

Wavelength (nm)	L-Ratings
0.01W 2*10E-6J 532 + 633-640	RB1
5-2.5 NOIR 1S	CE

Optical Density

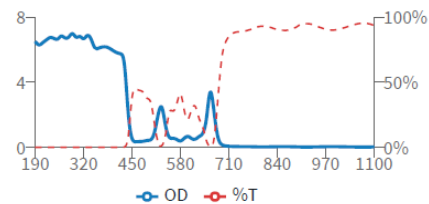
Wavelength (nm)	ODs
190-400	5+
532	1.5+
633-640	1+



STNR-GRA

Luminous transmittance: 23% Grey

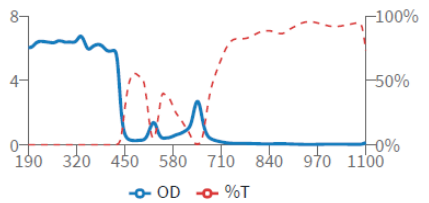
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
Pending		190-400	5+
		525-534	2+
		650-670	1.5+
		660-665	3+



STNR-MLA

Luminous transmittance: 26% Blue/Green

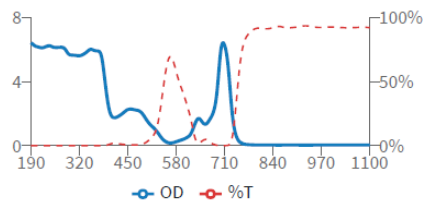
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
190-315	D LB7 + IR LB4	190-430	5+
>315-400	DIRM LB5	525-532	1.5+
.01W 2*10E-6J 532	RB1	632-659	1.4+
.01W 2*10E-6J 630-<636	RB1	640-650	2.5+
.1W 2*10E-5J 636-640	RB2		



STNR-RBA

Luminous transmittance: 38% Green

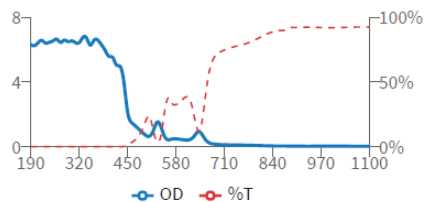
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
0.01W 2*10E-6J 400-488 + 633-635 + 647	RB1	190-400	5+
		405-488	1.5+
		633-635	1.8+
		647	1.3+



STNR-BGR

Luminous transmittance: 29% Amber

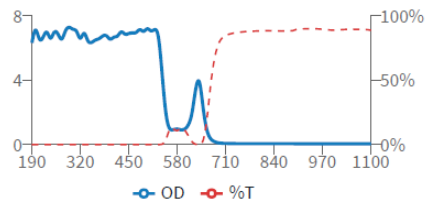
CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
0.01W 2*10E-6J 455-485	RB1	190-400	5+
		440-470	1.5+
0.01W 2*10E-6J 532-538	RB1	532	1.5+
		632-640	1+
0.01W 2*10E-6J 632-640	RB1		
5-2.5 NOIR 1 S	CE		



STNR-RGB

Luminous transmittance: 7% Brown

CE Rating		Optical Density	
Wavelength (nm)	L-Ratings	Wavelength (nm)	ODs
Pending		190-534	6+
		620-650	1.5+
		625-647	2.5+
		632-642	3.5+



STNR-RBG

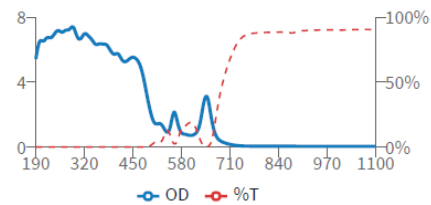
Luminous transmittance: 11% Orange

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-410	5+
>410-488	2.5+
>488-532	1+
555-568	1.5+
561	2.5+
632-660	1.5+
640-650	2.9+

**STNR-RT1**

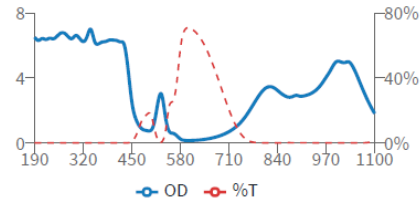
Luminous transmittance: 40% Orange

CE Rating

Wavelength (nm)	L-Ratings
430-445 + 532 + 805-825	DIR LB3
>825-950	DIR LB2
>950-1064	DIR LB3

Optical Density

Wavelength (nm)	ODs
190-430	5+
430-445	3+
532	3+
805-825	3+
>825-950	2+
>950-1064	3+

**STNR-RT2**

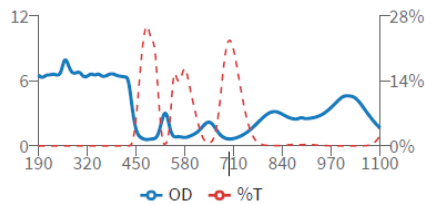
Luminous transmittance: 10% Grey

CE Rating

Wavelength (nm)	L-Ratings
430-445 + 610-670	DIR LB1
640-650 + >825-950	DIR LB2
532 + 805-825 + >950-1064	DIR LB3

Optical Density

Wavelength (nm)	ODs
190-430	5+
> 430-445	1.5+
532	3+
610-670	1+
640-650	2+
805-825	3+
>825-950	2+
>950-1064	3+

**STNR-ALY**

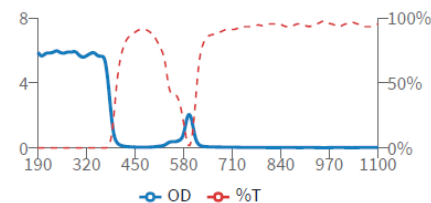
Luminous transmittance: 43% Blue-Grey

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
594	2.5+

**STNR-AHA**

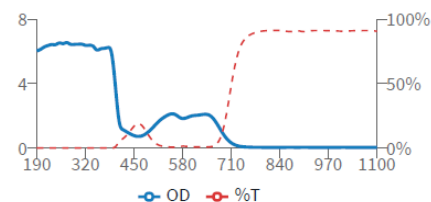
Luminous transmittance: 2% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
510-670	1.5+

**STNR-ZSA**

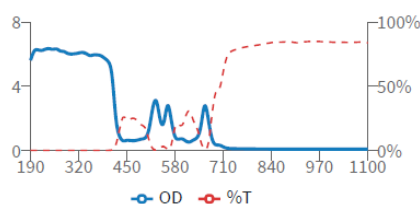
Luminous transmittance: 10% Purple

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB7 + IR LB4
>315-390	DIRM LB5
1W 2*10E-4J 532 + 561 + 659	RB3

Optical Density

Wavelength (nm)	ODs
190-400	6+
532	3+
561	3+
654-664	2+
659	3+

**STNR-SRN**

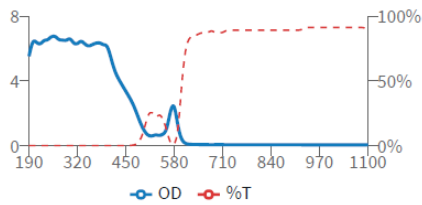
Luminous transmittance: 30% Orange

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	6+
410	2+
570	2+
585	2+



STNR-RA2

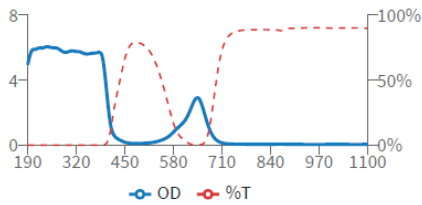
Luminous transmittance: 40% Aqua

CE Rating

Wavelength (nm)	L-Ratings
0.1W 2*10E-5J 630-638	RB2
1W 2*10E-4J 638-652	RB3
0.1W 2*10E-5J 652-660	RB2

Optical Density

Wavelength (nm)	ODs
190-400	5+
625-660	2+



STNR-RA3

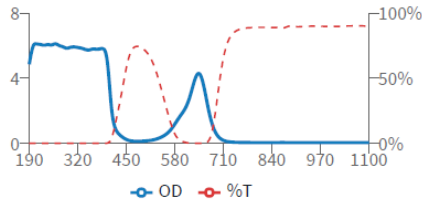
Luminous transmittance: 32% Aqua

CE Rating

Wavelength (nm)	L-Ratings
1W 2*10E-4J 630-633	RB3
1W 2*10E-4J 656-660	RB3
10W 2*10E-3J 633-656	RB4

Optical Density

Wavelength (nm)	ODs
190-400	5+
625-660	3+



STNR-HEA

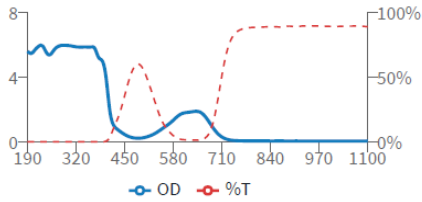
Luminous transmittance: 19% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-380	5+
630-650	2+



STNR-DIA

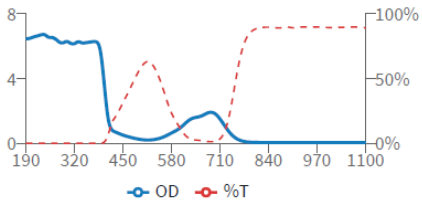
Luminous transmittance: 39% Blue

CE Rating

Wavelength (nm)	L-Ratings
180-315	D LB6 + R LB4
>315-395	D LB4
.01W 2*10E-6J 605-642	RB1
.1W 2*10E-5J 643-695	RB2

Optical Density

Wavelength (nm)	ODs
190-380	5+
630-700	1.5+



STNR-PLV

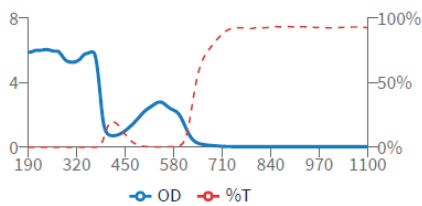
Luminous transmittance: 3% Purple

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-600	2+
450-615	1+



STNR-LD4

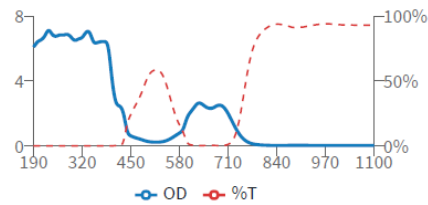
Luminous transmittance: 8% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–390	5+
400–420	2+
620–700	2+

**STNR-ND1**

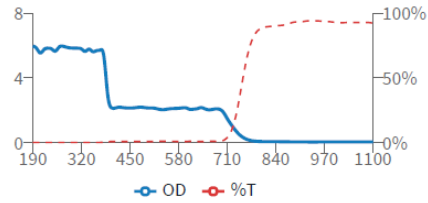
Luminous transmittance: 1% Grey

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
180–400	5+
400–700	2+

**STNR-ND10**

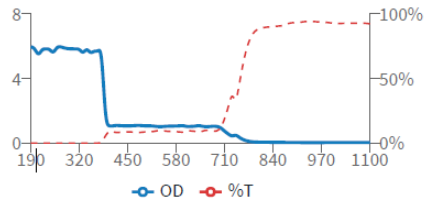
Luminous transmittance: 10% Grey

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
180–400	5+
400–700	1+

**STNR-ND20**

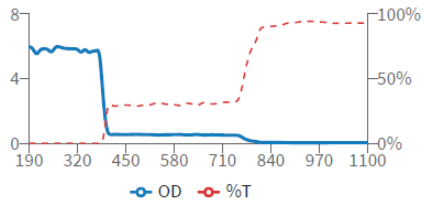
Luminous transmittance: 20% Grey

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
180–400	5+
400–700	.5+

**STNR-SF2**

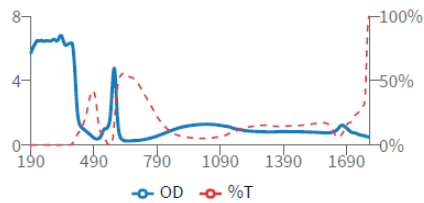
Luminous transmittance: 15% Brown

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–400	5+
575–595	2+
580–590	2+
800–1800	.5+
880–1100	1+

**□ Broadband UV-V-IR and IPL****STNR-CO2**

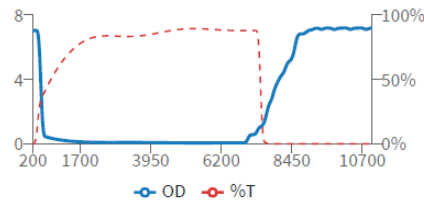
Luminous transmittance: 93% Clear

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190–360	5+
10600	5+

**STNR-2PL**

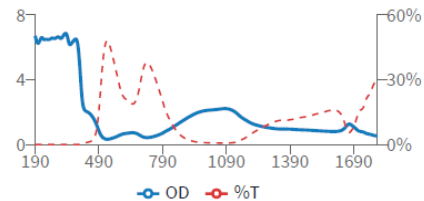
Luminous transmittance: 15% Green

CE Rating

Wavelength (nm)	L-Ratings
2 NOIR 1 F	CE

Optical Density

Wavelength (nm)	ODs
190–1200	



STNR-3PL

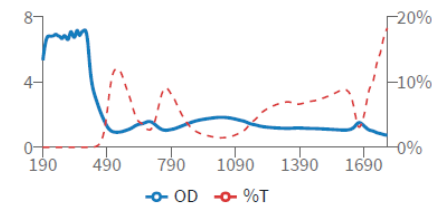
Luminous transmittance: 7% Green

CE Rating

Wavelength (nm)	L-Ratings
3 NOIR I F	CE

Optical Density

Wavelength (nm)	ODs
190-1200	



STNR-5PL

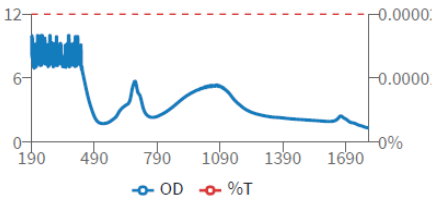
Luminous transmittance: 2% Green

CE Rating

Wavelength (nm)	L-Ratings
6 NOIR I F	CE

Optical Density

Wavelength (nm)	ODs
190-1200	



STNR-YPL

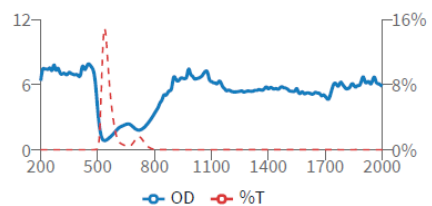
Luminous transmittance: 7% Green

CE Rating

Wavelength (nm)	L-Ratings
190-315	D LB6 + R LB4
>315-390	D LB2 + R LB4
560-950	DIR LB1
860-1400	D LB4 + I LB5
>950-1070	D LB5 + I LB6
>1400-1500	DI LB3

Optical Density

Wavelength (nm)	ODs
190-390	6+
560-950	1+
1064	6+
1300-1500	4.5+



STNR-FL32

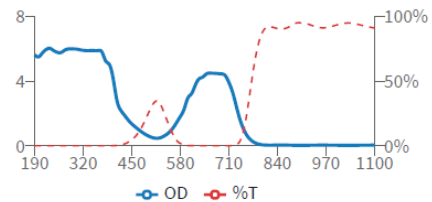
Luminous transmittance: 13% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
590-730	2+
600-700	3+



STNR-FL34

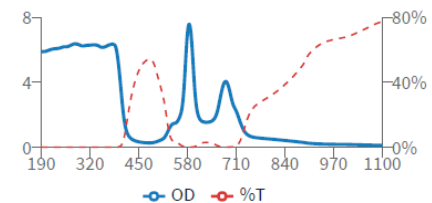
Luminous transmittance: 11% Blue

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
537-720	1.5+



STNR-FL37

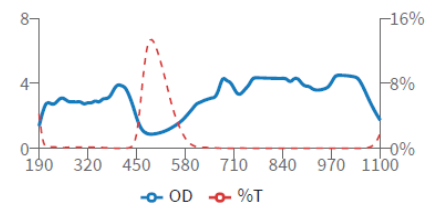
Luminous transmittance: 4% Green

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
550-1100	1.5+
620-1050	3+



Mineral Glass

STNR-FG1

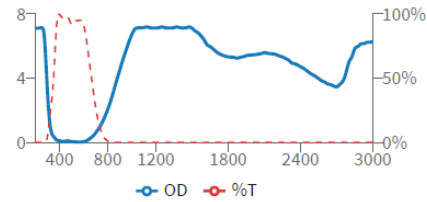
Luminous transmittance: 75% Clear

CE Rating

Wavelength (nm)	L-Ratings
850-900	DIR LB3
>900-950 +	DIR LB4
>1400-2200	
>950-1000	DIR LB5
>1000-1063	DIR LB6
>1063-1400	D LB6 + IRM LB7Y
2900-3200 + 10600	DI LB4

Optical Density

Wavelength (nm)	ODs
850-2800	3+
900-2600	4+
950-1010	5+
>1010-1500	7+
>1500-2350	5+
>2800- 10600	5+



Non-Coherent

STNR-10

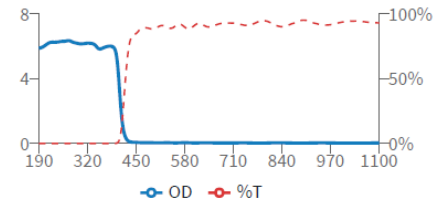
Luminous transmittance: 91% Clear

CE Rating

Wavelength (nm)	L-Ratings
2C-1.2 NOIR 1 S - 166 S	CE

Optical Density

Wavelength (nm)	ODs
190-400	5+



STNR-50

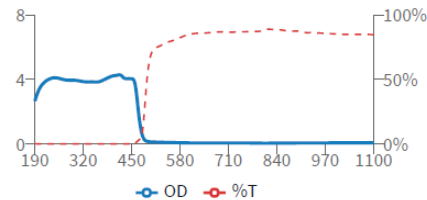
Luminous transmittance: 77% Yellow

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
>400-460	2+



STNR-5032

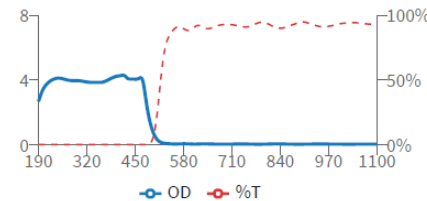
Luminous transmittance: 73% Yellow

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	4+
>400-480	3+



STNR-60

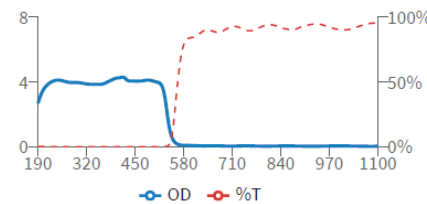
Luminous transmittance: 45% Orange

CE Rating

Wavelength (nm)	L-Ratings
2-1.7 NOIR 1 S	CE

Optical Density

Wavelength (nm)	ODs
190-400	5+
>400-535	2+



STNR-6032

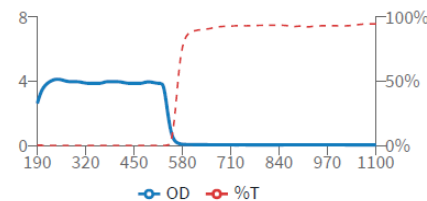
Luminous transmittance: 48% Orange

CE Rating

Wavelength (nm)	L-Ratings
2-1.7 NOIR 1 S	CE

Optical Density

Wavelength (nm)	ODs
190-535	3+
>535-540	2+



STNR-90

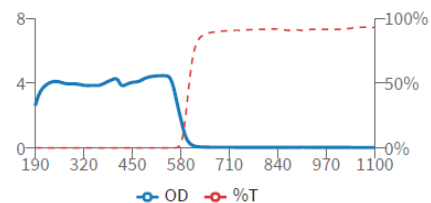
Luminous transmittance: 9% Red

CE Rating

Wavelength (nm)	L-Ratings
Pending	

Optical Density

Wavelength (nm)	ODs
190-400	5+
>400-550	3+
>550-577	2+



STNR-92

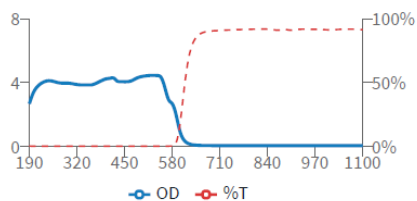
Luminous transmittance: 9% Red

CE Rating

Wavelength (nm)	L-Ratings
Pending	

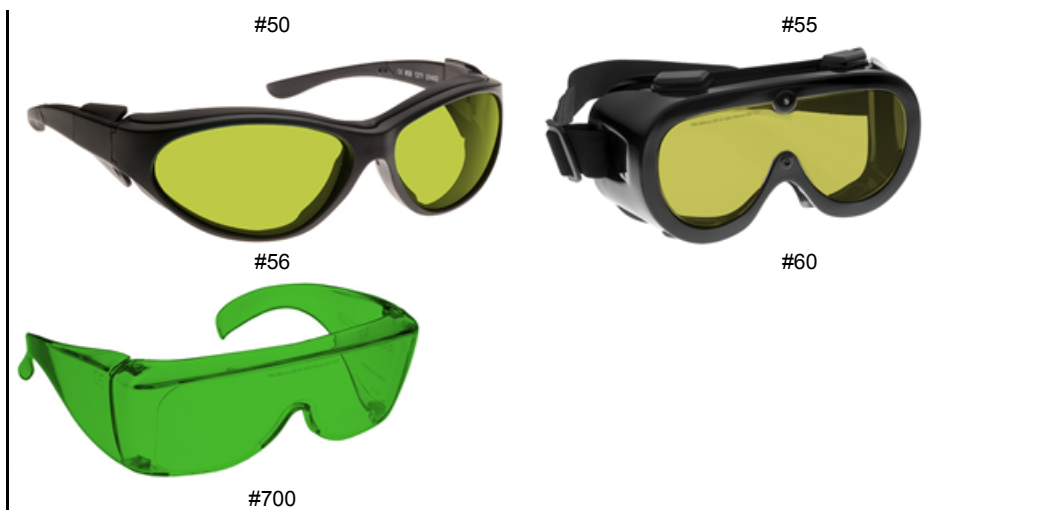
Optical Density

Wavelength (nm)	ODs
190-400	5+
>400-593	2+



Frame Style Options





Laser Shield Windows Specifications of Acrylic Filters

Model	Wavelength (nm)	OD	%VLT	Color	Dimension
ECW125 (Excimer - CO2)	200-360	6+	84%		up to 2' x 3'
	10600	5+			
ARW140 (Argon – KTP)	190-375	5+	41%		up to 2' x 3'
	376-532	4+			
	10600	5+			
DOW125 (Alexandrite + Diodes)	730-855	5+	30%		up to 2' x 3'
	750-840	7+			
YGW125 (Nd:YAG)	190-360 + 870-1080	5+	60%		up to 2' x 3'
	800-860	3+			
	860-870	4+			
	1064	6+			
KRW125 (Short wavelength visible)	190-370 + 430-580	5+	7%		up to 2' x 3'
YDW150 (Nd:YAG + Diodes)	190-375 + 760-1070	5+	44%		up to 2' x 3'
DBW125 (Nd:YAG + Harmonics)	190-532	5+	25%		up to 2' x 3'
	532	6+			
	850-879	4+			
	880-1070	5+			
IRW140 (Diodes + IR)	830-1700 + 10600	5+	35%		up to 2' x 3'
YLW125 (Short wavelength visible: Blue)	190-325	4+	78%		up to 2' x 2'
	>325-450	5+			

- Custom cuts available
- Order in single square foot increments.

STSD Series

STSD series laser protective goggles are made of a sort of special plastics, which appends several well selected laser-absorbing dyes. They provide excellent filters to protect your eyes against laser beams used in scientific, industrial and medical applications. The protective characters and safety won't change at different incident angles.

Model	Wavelength range(nm)	Laser	Wavelength (nm)	OD	V.L.T. (%)
ST-SD1	200-540	SHG Nd:YAG	532	³⁴	50
		Ar ⁺	514	³⁴	
ST-SD2	600-700	He-Ne	633	³⁴	30
ST-SD3	800-1100	Nd:YAG	1064	³⁴	40
ST-SD4	200-540 800-1100	Ar ⁺	514	³⁴	30
		SHG Nd:YAG	532		
		Diode	808, 810		
			904, 980		
		Nd:YAG	1064		
ST-SD5	10600	CO ₂	10600	³⁴	90
ST-SD6	2100	Ho	2100	³⁴	30
ST-SD7	200-450	He-Cd	441	³⁴	70
		Ar ⁺	488		
		FHG Nd:YAG	266		
ST-SD8	800-1700	Diode	1510	³⁴	28
			1530		
			1610		
ST-SD9	750-820	diodes	808	³⁴	25

Remark:

1. OD³⁶ available for above items upon request.
2. V.L.T. means visible light transmission percentage.

Available Frames:

Model	Filter	Frame 1	Frame 3	Frame 5	Frame 6
ST-SD1	Orange	Y	Y	Y	Y
ST-SD2	Blue	Y	Y	Y	Y
ST-SD3	Green	Y	Y	Y	Y
ST-SD4	Brown	Y	Y	Y	Y
ST-SD5	Gray	Y	Y		
ST-SD6	Green	Y	Y	Y	Y

ST-SD7	Orange	Y	Y	Y	Y
ST-SD8	Deep green	Y	Y	Y	Y
ST-SD9	green	Y	Y	Y	Y

□ **ST-SD3 Nd:YAG 1064nm Laser Safety Goggles**



□ **ST-SD5 CO2 Laser 10.6um Safety Goggles**



□

STSKY Series Laser Safety Goggles

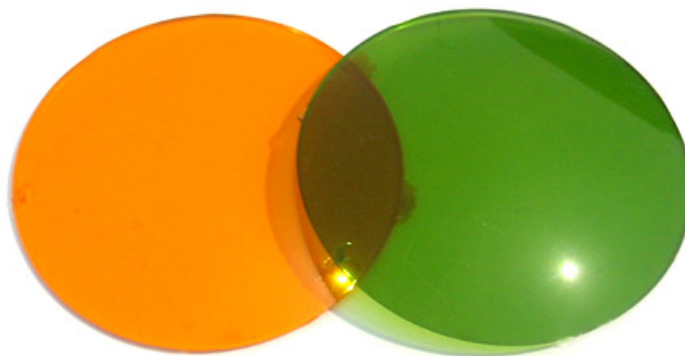
STSKY laser safety goggles

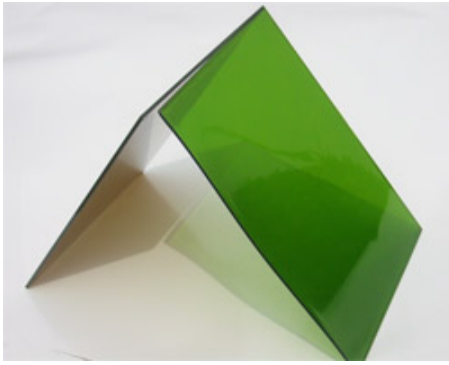
Type name	Typical lasers	Typical wavelength	Optical density	Visible light transmission	light in stock Styles
TYPE- Blue	UV, Blue	405, 445, 450, 473	4+	50%	2. 4
TYPE- 1 (200-540nm)	KTP, Nd: YAG, Argon, Semi-Conductor	532, 514, 515, 520	4+	30%	2. 3. 4. 6
TYPE- 2 (600-700 nm)	He-Ne Semi-Conductor	632.8, 635, 660	4+	30%	2. 4. 6
TYPE- 3 (800-1080nm)	Semi-Conductor Nd: YAG Fiber laser	808, 980-1064, 1070,	4+	60%	2. 3. 4. 6
TYPE- 4 (800-820 nm)	808nm Semi-Conductor	808, 810	5+	60%	2. 4



□ **Laser Safety Shields/Windows/Curtains**

We can supply several kinds of laser safety shields/windows/curtains. Custom-made available upon request.





Model	Wavelength range(nm)	OD	V.L.T. (%)	Window	Plate
ST-W1	200-540	34	50	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W2	600-700	34	30	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W3	800-1100	34	40	200x250mm	1000x1200x5mm, 1000x1200x3mm
ST-W5	10600	34	90		1000x1200x5mm, 1000x1200x3mm

STSKY series Laser Safety Windows

Type name	Wavelength range	Optical Density	Visible Light Transmission
TYPE- 1	400-547nm	6+	18%
TYPE- 2	800-1080nm	4+	68%
TYPE- 3	800-1080nm	8+	58%

E-mail: sales@sintecoptronics.com URL: www.SintecOptronics.com