



LASER



Laser Safety Filters

Filtri di protezione laser

The laser light beam, whether direct or reflective on specular surfaces, is characterized by high power and strong directionality, and therefore also causes irreversible damage to the eyes. Its hazardous requires the use of suitable filters for each type of source, respecting the current regulations.

Il fascio di luce laser, diretto oppure riflesso da superfici speculari, è caratterizzato da alta potenza e forte direzionabilità e dunque causa rapidamente danni anche irreversibili agli occhi.

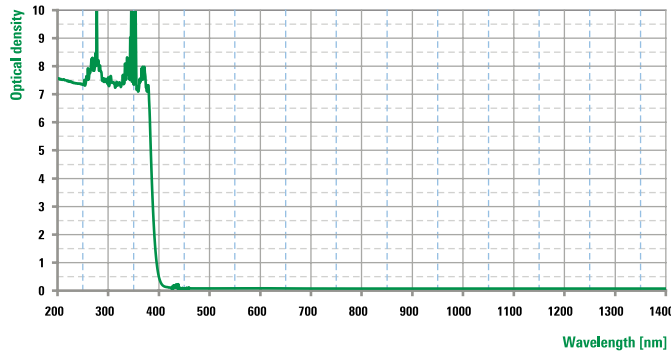
La sua pericolosità rende necessario l'utilizzo di filtri di protezione adeguati ad ogni specifico tipo di sorgente, rispettando le normative correnti.



FILTER CODE: UL-1001

Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013

Filter	Full protection
Colour	Clear
Material	Polycarbonate
VLT	90%
Alignement laser wavelength T%(λ) >10%	400-780 nm



Wavelength		OD	561	562	559G
			○ 561H.00.00.300 ● 561H.00.01.300	○ 562S.00.00.300 ● 562S.00.01.300	559G.00.00.300
190	315	7	D LB7 IR LB4	D LB7 IR LB4	D LB7 IR LB4
9000	11000	6	DI LB4	DI LB4	DI LB4

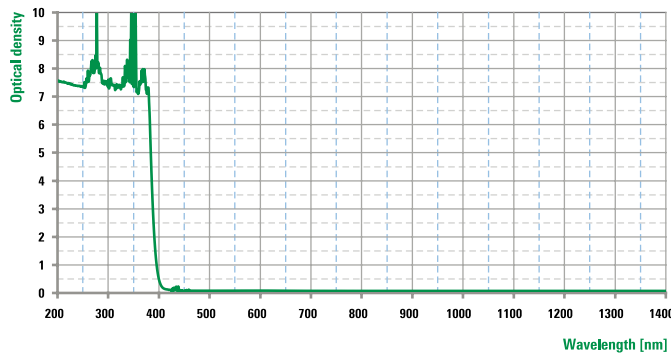
Wavelength		OD	5X7
			5X7L.00.00.679
9000	11000	6	DI LB4



FILTER CODE: UL-1002

Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013

Filter	Full protection
Colour	Clear
Material	Polycarbonate
VLT	90%
Alignement laser wavelength T%(λ) >10%	400-780 nm



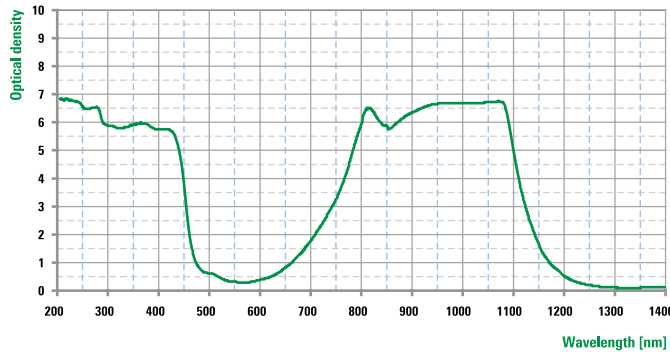
Wavelength		OD	546	5X7
			546L.00.10.550	5X7L.00.00.650
9000 -11000	6	-	DI LB3	
10600	6	DI LB3	-	



FILTER CODE: UL-1005



Filter	Full protection
Colour	Green
Material	Polycarbonate
VLT	33%
Alignement laser wavelength T%(λ) >10%	470-650 nm



Wavelength		OD	561	562	559G
			○ 561H.00.00.309 ● 561H.00.01.309	○ 562S.00.00.309 ● 562S.00.01.309	559G.00.00.309
190	315	5	D LB5 IR LB3	D LB5 IR LB3	D LB5 IR LB3
315	430	5	DIR LB5	DIR LB5	DIR LB5
750	1100	3	DIR LB3	DIR LB3	DIR LB3
775	1100	4	DIR LB4	DIR LB4	DIR LB4
790	1090	5	DIR LB5	DIR LB5	DIR LB5
920	1075	6	DIR LB6 M LB6Y	DIR LB6 M LB6Y	DIR LB6 M LB6Y
1000	1070	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
1030	1065	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4	DI LB4	DI LB4

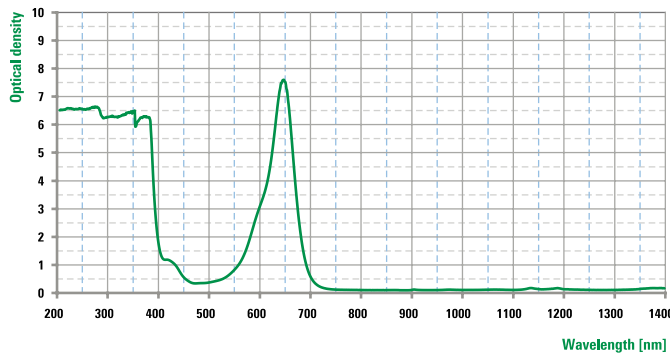
Wavelength		OD	546
			546L.00.10.551
745	1115	3	DIR LB3
770	1100	4	DIR LB4
785	1085	5	DIR LB5
800	825	6	DIR LB6
885	1075	6	DIR LB6
1000	1070	7	D LB6 IR LB7 M LB7Y
1030	1065	8	D LB6 IR LB8 M LB7Y
9000	11000	6	DI LB4

Wavelength		OD	5X7
			5X7L.00.00.651
715	1120	3	DIR LB3
730	1115	4	DIR LB4
745	1110	5	DIR LB5
760	1105	6	DIR LB6 M LB6Y
780	1100	7	D LB6 IR LB7 M LB7Y
790	1090	8	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4



FILTER CODE: UL-1007

Filter	Full protection
Colour	Blue
Material	Polycarbonate
VLT	16%
Alignement laser wavelength T%(λ) >10%	425-555 nm

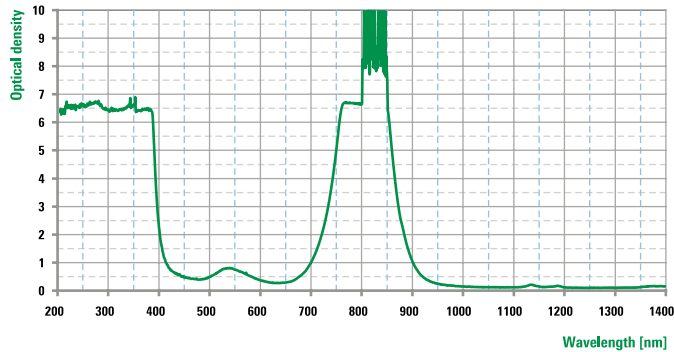


Wavelength		OD	561	562	559G
			○ 561H.00.00.311 ● 561H.00.01.311	○ 562S.00.00.311 ● 562S.00.01.311	559G.00.00.311
190	315	7	D LB7 IR LB4	D LB7 IR LB4	D LB7 IR LB4
315	375	6	DIR LB5	DIR LB5	DIR LB5
600	670	3	DIR LB3	DIR LB3	DIR LB3
620	665	4	DIR LB4	DIR LB4	DIR LB4
625	660	5	DIR LB5	DIR LB5	DIR LB5
629	658	6	DIR LB6	DIR LB6	DIR LB6



FILTER CODE: UL-1008

Filter	Full protection
Colour	Pink
Material	Polycarbonate
VLT	19%
Alignement laser wavelength T%(λ) >10%	410-695 nm



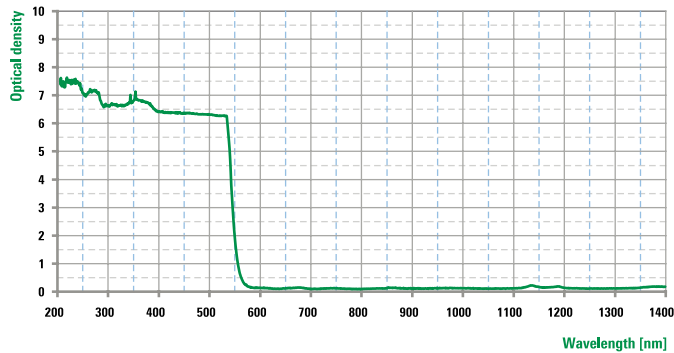
Wavelength	OD	561	562	559G
		○ 561H.00.00.312 ● 561H.00.01.312	○ 562S.00.00.312 ● 562S.00.01.312	559G.00.00.312
190	315	7	D LB7 IR LB4	D LB7 IR LB4
720	870	3	DIR LB3	DIR LB3
730	865	4	DIR LB4	DIR LB4
735	862	5	DIR LB5	DIR LB5
742	855	6	DIR LB6	DIR LB6
745	850	7	D LB6 IR LB7	D LB6 IR LB7
750	845	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y

Wavelength		OD	5X7
			5X7L.00.00.652
735	870	3	DIR LB3
745	865	4	DIR LB4
750	858	5	DIR LB5
755	852	6	DIR LB6
765	850	7	D LB6 IR LB7
775	840	8	D LB6 IR LB8
9000	11000	6	DI LB3



FILTER CODE: UL-1009

Filter	Full protection
Colour	Orange
Material	Polycarbonate
VLT	38%
Alignement laser wavelength T%(λ) >10%	560-780 nm



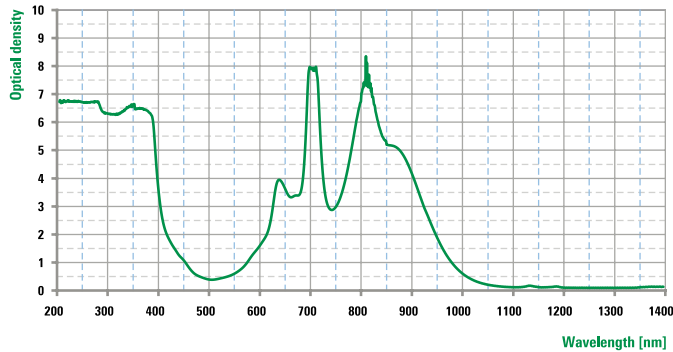
Wavelength	OD	561	562	559G
		○ 561H.00.00.313 ● 561H.00.01.313	○ 562S.00.00.313 ● 562S.00.01.313	559G.00.00.313
190	315	7	D LB7 IR LB4	D LB7 IR LB4
315	532	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
315	535	6	DIR LB6 M LB6Y	DIR LB6 M LB6Y

Wavelength	OD	546	5X7
		546L.00.10.553	5X7L.00.00.653
180	315	7	D LB7 IR LB4
315	534	6	DIRM LB6
315	536	5	DIRM LB5
315	538	4	DIRM LB4
315	541	3	DIRM LB3



FILTER CODE: UL-1015

Filter	Full protection
Colour	Green
Material	Polycarbonate
VLT	20%
Alignement laser wavelength T%(λ) >10%	450-580 nm

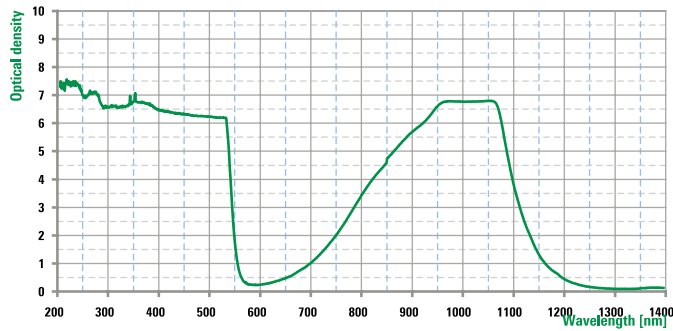


Wavelength	OD	561	562	559G
		○ 561H.00.00.326 ● 561H.00.01.326	○ 562S.00.00.326 ● 562S.00.01.326	559G.00.00.326
190	315	7	D LB7 IR LB4	D LB7 IR LB4
315	380	6	DIR LB5	DIR LB5
625	730	3	DIR LB3	DIR LB3
685	722	4	DIR LB4	DIR LB4
689	719	5	DIR LB5	DIR LB5
692	715	6	DIR LB6	DIR LB6
760	920	3	DIR LB3	DIR LB3
775	900	4	DIR LB4	DIR LB4
785	870	5	DIR LB5	DIR LB5
795	825	6	DIR LB6	DIR LB6



FILTER CODE: UL-1016

Filter	Full protection
Colour	Dark Orange
Material	Polycarbonate
VLT	16%
Alignement laser wavelength T%(λ) >10%	555-695 nm



Wavelength	OD	561	562	559G
		○ 561H.00.00.329 ● 561H.00.01.329	○ 562S.00.00.329 ● 562S.00.01.329	559G.00.00.329
190	315	7	D LB7 IR LB4	D LB7 IR LB4
315	532	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
800	1105	3	DIR LB3	DIR LB3
850	1090	4	DIR LB4	DIR LB4
905	1080	5	DIR LB5	DIR LB5
945	1070	6	DIR LB6	DIR LB6
970	1068	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
1000	1065	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4	DI LB4

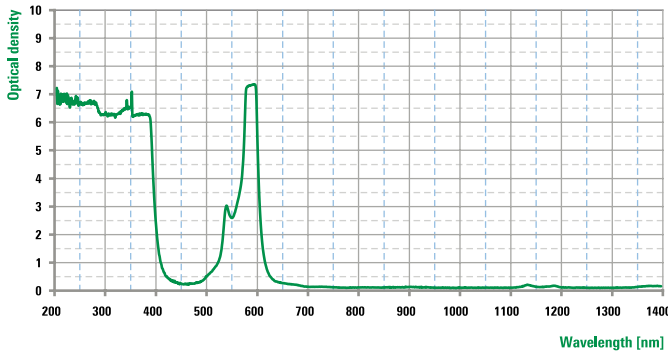
Wavelength		OD	546
			546L.00.10.554
180	315	7	D LB7 IR LB4
315	534	6	DIRM LB6
315	536	5	DIRM LB5
315	538	4	DIRM LB4
315	541	3	DIRM LB3
800	1100	3	DIR LB3
850	1085	4	DIR LB4
910	1075	5	DIR LB5
960	1065	6	DIRM LB6

Wavelength		OD	5X7
			5X7L.00.00.654
180	315	7	D LB7 IR LB4 M LB4Y
315	535	8	D LB6 IR LB8 M LB7Y
950	1070	8	D LB6 IR LB8 M LB7Y



FILTER CODE: UL-1020

Filter	Full protection
Colour	Purple
Material	Polycarbonate
VLT	12%
Alignement laser wavelength T%(λ) >10%	406-520 nm

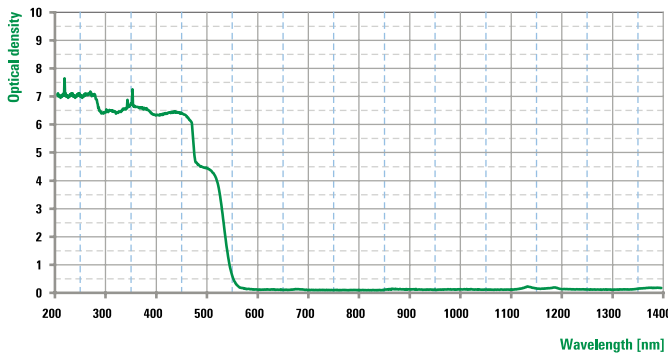


Wavelength		OD	546	562	5X7
			546L.00.10.555	○ 562S.00.00.455 ● 562S.00.01.455	5X7L.00.00.655
560	600	3	DIR LB3	DIR LB3	DIR LB3
570	598	4	DIR LB4	DIR LB4	DIR LB4
574	597	5	DIR LB5	DIR LB5	DIR LB5
577	596	7	D LB6 IR LB7	D LB6 IR LB7	D LB6 IR LB7



FILTER CODE: UL-1021

Filter	Full protection
Colour	Light Orange
Material	Polycarbonate
VLT	47%
Alignement laser wavelength T%(λ) >10%	540-780 nm

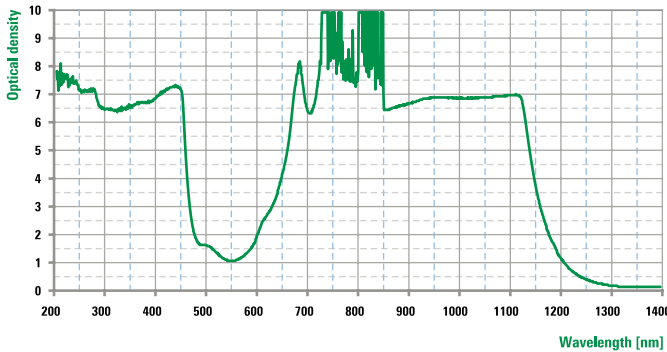


Wavelength		OD	546	562
			546L.00.10.557	○ 562S.00.00.457 ● 562S.00.01.457
180	315	7	D LB7 IR LB4	D LB7 IR LB4
315	465	6	DIR LB6	DIR LB6
315	500	5	DIR LB5	DIR LB5
315	515	4	DIR LB4	DIR LB4
315	525	3	DIR LB3	DIR LB3
510	520	4	10 W 2E-3J 510-520 RB4	-
520	530	3	1W 2E-4J 520-530 RB3	-



FILTER CODE: UL-1022

Filter	Full protection
Colour	Dark Green
Material	Polycarbonate
VLT	10%
Alignement laser wavelength T%(λ) >10%	-

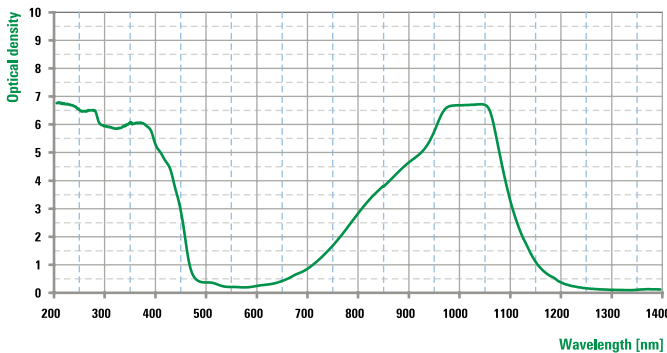


Wavelength		OD	5X7
			5X7L.00.00.659
190	315	7	D LB7 IR LB4
315	455	6	DIR LB6
625	1170	3	DIR LB3
630	1160	4	DIR LB4
680	1125	5	DIR LB5 M LB5Y
690	1115	6	DIR LB6 M LB6Y
755	1100	7	D LB6 IR LB7 M LB7Y
765	1080	8	D LB6 IR LB8 M LB7Y
9000	11000	6	DI LB3



FILTER CODE: UL-1024

Filter	Full protection
Colour	Light Green
Material	Polycarbonate
VLT	60%
Alignement laser wavelength T%(λ) >10%	565-708 nm

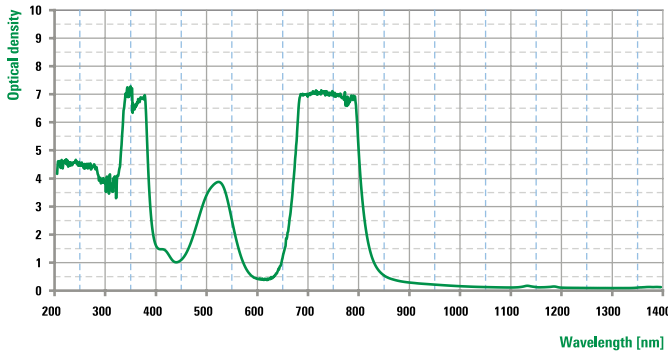


Wavelength		OD	561	562	559G
			○ 561H.00.00.345 ● 561H.00.01.345	○ 562S.00.00.345 ● 562S.00.01.345	559G.00.00.345
815	1095	3	DIR LB3	DIR LB3	DIR LB3
880	1080	4	DIR LB4	DIR LB4	DIR LB4
945	1070	5	DIR LB5	DIR LB5	DIR LB5
990	1065	6	DIR LB6 M LB6Y	DIR LB6 M LB6Y	DIR LB6 M LB6Y



FILTER CODE: UL-1026

Filter	Full protection
Colour	Dark Pink
Material	Polycarbonate
VLT	10%
Alignement laser wavelength T%(λ) >10%	570-640 nm

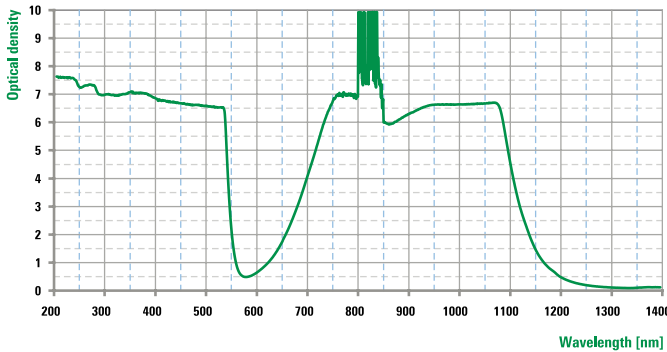


Wavelength		OD	561	562	559G
			○ 561H.00.00.346 ● 561H.00.01.346	○ 562S.00.00.346 ● 562S.00.01.346	559G.00.00.346
680	790	5	DIR LB5	DIR LB5	DIR LB5
685	785	6	D LB5 IR LB6	D LB5 IR LB6	D LB5 IR LB6
690	780	7	D LB5 IR LB7	D LB5 IR LB7	D LB5 IR LB7



FILTER CODE: UL-1029

Filter	Full protection
Colour	Dark Orange
Material	Polycarbonate
VLT	10%
Alignement laser wavelength T%(λ) >10%	560-620 nm

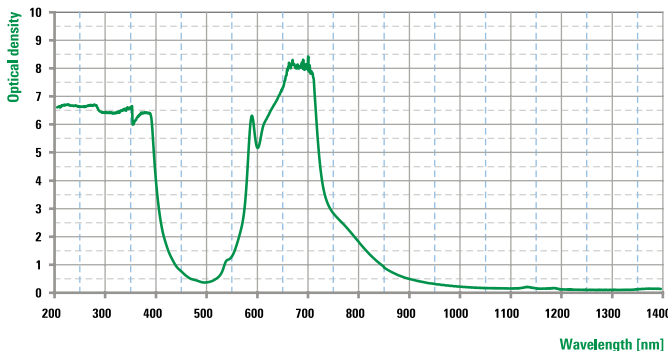


Wavelength		OD	561	562	559G
			○ 561H.00.00.349 ● 561H.00.01.349	○ 562S.00.00.349 ● 562S.00.01.349	559G.00.00.349
190	315	7	D LB7 IR LB4	D LB7 IR LB4	D LB7 IR LB4
315	535	6	D LB5 IR LB6	D LB5 IR LB6	D LB5 IR LB6
680	1115	3	DIR LB3	DIR LB3	DIR LB3
690	1100	4	DIR LB4	DIR LB4	DIR LB4
715	1095	5	DIR LB5	DIR LB5	DIR LB5
732	850	6	DIR LB6	DIR LB6	DIR LB6
880	1085	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4	DI LB4	DI LB4



FILTER CODE: UL-1028

Filter	Full protection
Colour	Dark Blue
Material	Polycarbonate
VLT	7%
Alignement laser wavelength T%(λ) >10%	451-524 nm

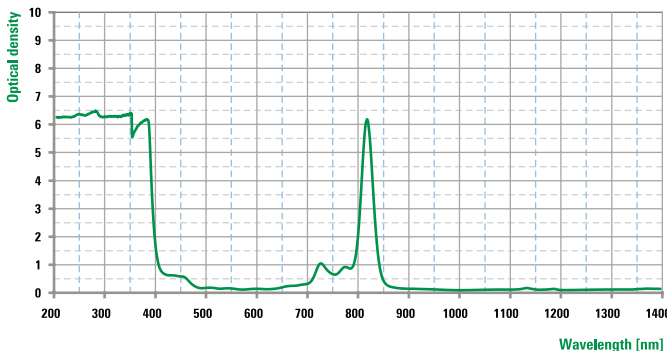


Wavelength		OD	561	562	559G
			○ 561H.00.00.348 ● 561H.00.01.348	○ 562S.00.00.348 ● 562S.00.01.348	559G.00.00.348
575	740	3	DIR LB3	DIR LB3	DIR LB3
576	725	4	DIR LB4	DIR LB4	DIR LB4
577	720	5	DIR LB5	DIR LB5	DIR LB5
578	715	6	D LB5 IR LB6	D LB5 IR LB6	D LB5 IR LB6
610	710	8	D LB5 IR LB8	D LB5 IR LB8	D LB5 IR LB8



FILTER CODE: UL-1030

Filter	Full protection
Colour	Light yellow
Material	Polycarbonate
VLT	80%
Alignement laser wavelength T%(λ) >10%	405-720 nm



Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013



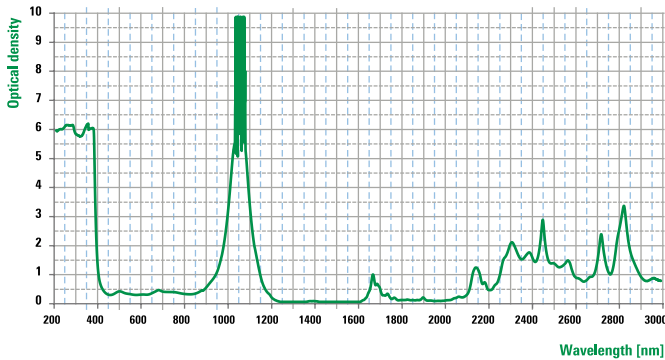
FILTER CODE: UL-1036

Filter	Full protection
Colour	Light gray
Material	Polycarbonate
VLT	40%
Alignement laser wavelength T%(λ) >10%	400-700 nm

Wavelength		OD	5X7
			5X7L.00.00.664
1060	1070	8	D LB6 I LB8 R LB7 M LB7Y



Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013



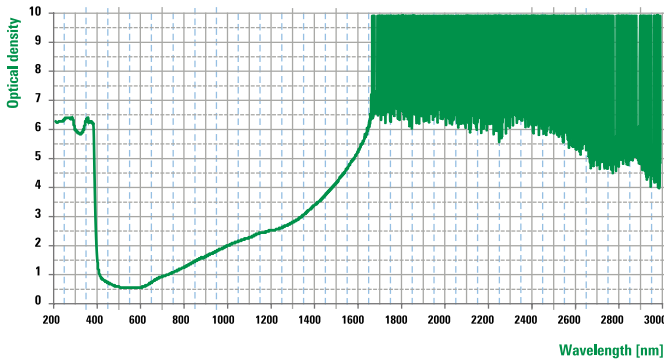
FILTER CODE: UL-1038

Filter	Full protection
Colour	Gray/Green
Material	Polycarbonate
VLT	25%
Alignement laser wavelength T%(λ) >10%	400-700 nm

Wavelength		OD	5X7
			5X7L.00.00.668
1300	1400	3	DI LB3
1400	3000	4	DI LB4
10000	11000	6	DI LB4



Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013



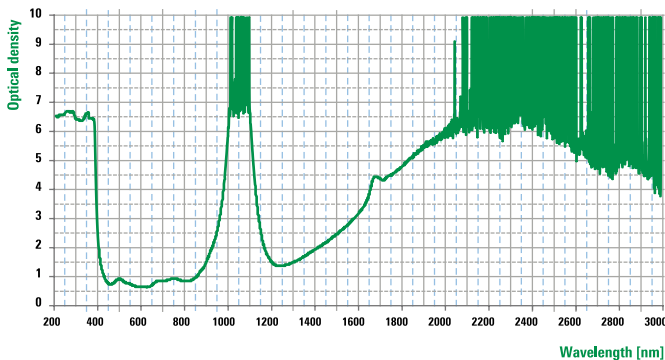
FILTER CODE: UL-1037

Filter	Full protection
Colour	Gray
Material	Polycarbonate
VLT	20%
Alignement laser wavelength T%(λ) >10%	400-700 nm

Wavelength		OD	5X7
			5X7L.00.00.665
960	1135	3	DIR LB3 M LB3Y
975	1120	4	DIR LB4 M LB4Y
990	1110	5	DIR LB5 M LB5Y
995	1100	6	DIR LB6 M LB6Y
1010	1090	7	D LB6 IR LB7 M LB7Y
1050	1080	8	D LB6 IR LB8 M LB7Y
1420	1585	2	DI LB2
1585	1660	3	DI LB3
1660	3000	4	DI LB4
10000	11000	6	DI LB4



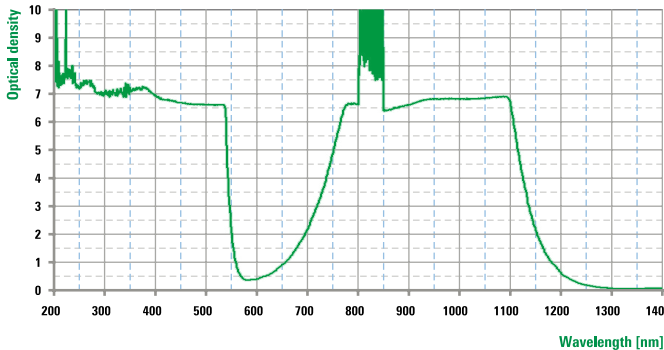
Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013



FILTER CODE: UL-1044

Filter	Full protection
Colour	Dark orange
Material	Polycarbonate
VLT	15%
Alignement laser wavelength T%(λ) >10%	560-650 nm

Wavelength		OD	5X7
			5X7L.00.00.680
190	315	7	D LB7 IR LB4
315	535	8	D LB6 IR LB8 M LB8Y
765	1100	6	DIR LB6 M LB6Y
780	1095	7	D LB6 IR LB7 M LB7Y
790	1090	8	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4



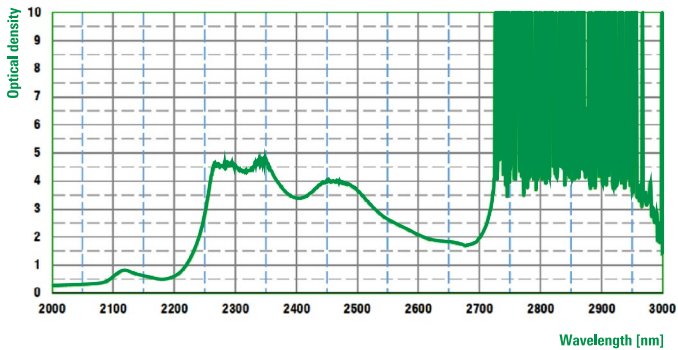


FILTER CODE: UL-1045



Colour recognition according
CE standards EN 166:2001 - ISO12311-1:2013

Filter	Full protection
Colour	Clear
Material	Plastic
VLT	92%
Alignement laser wavelength T%(λ) >10%	400-780 nm

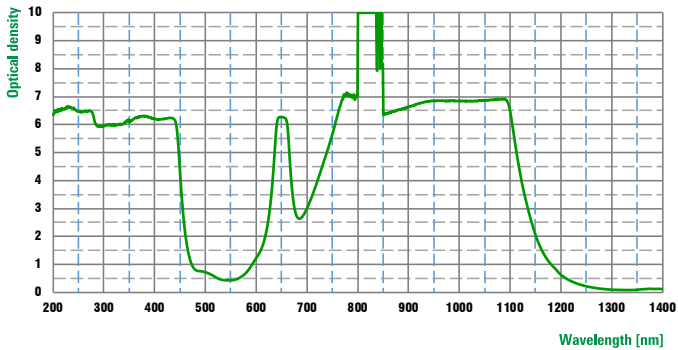


Wavelength		OD	561	562	559G
			○ 561H.00.00.361 ● 561H.00.01.361	○ 562S.00.00.361 ● 562S.00.01.361	559G.00.00.361
2750	2950	4	DI LB4	DI LB4	DI LB4
2950	2985	3	DI LB3	DI LB3	DI LB3
2985	3195	2	DI LB2	DI LB2	DI LB2
3195	3300	3	DI LB3	DI LB3	DI LB3
9000	11000	5	DI LB3	DI LB3	DI LB3



FILTER CODE: UL-1052 - NEW

Filter	Full protection
Colour	Green
Material	Polycarbonate
VLT	20%
Alignement laser wavelength T%(λ) >10%	-



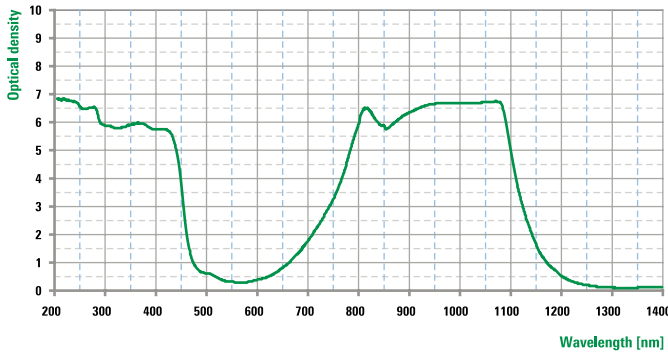
Wavelength		OD	5X7
			5X7L.00.00.685
190	315	7	D LB7 IR LB4
315	447	5	DIR LB5
447	450	4	DIR LB4
632	668	4	DIR LB4
636	664	5	DIR LB5
640	660	6	D LB5 IR LB6
760	1100	6	DIR LB6 M LB6Y
780	1090	7	D LB6 IR LB7 M LB7Y
790	1085	8	D LB6 IR LB8 M LB8Y
9000	11000	6	DI LB4





FILTER CODE: UL-1005

Filter	Alignment protection
Colour	Green
Material	Polycarbonate
VLT	33%
Alignment laser wavelength T%(λ) >10%	-

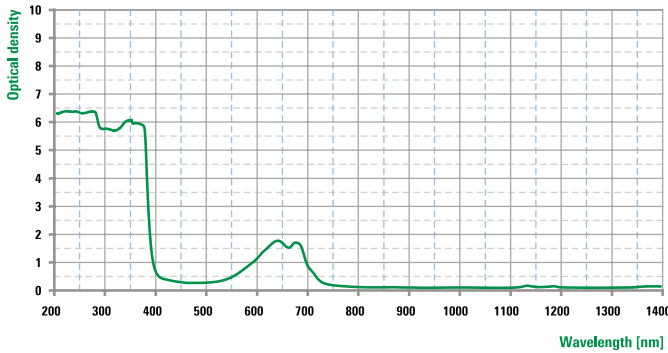


Wavelength				OD	546	Wavelength				OD	5X7
					546L.00.10.551						5X7L.00.00.651
660	690	1	0,01 W 2E-6J 660-690 RB1			660	675	1	0,01 W 2E-6J 660-675 RB1		
						675	690	2	0,1W 2E-5J 675-690 RB2		



FILTER CODE: UL-1018

Filter	Alignment protection
Colour	Light blue
Material	Polycarbonate
VLT	32%
Alignment laser wavelength T%(λ) >10%	-

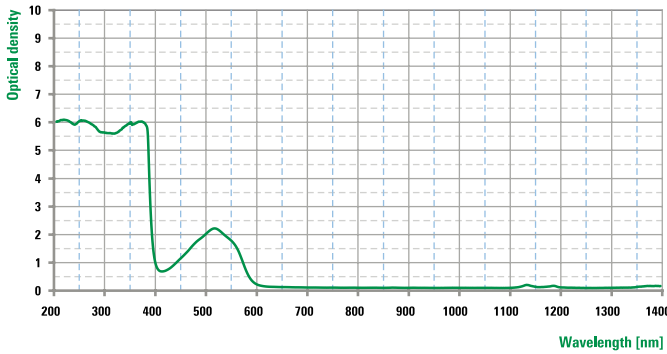


Wavelength				OD	561	562	559G
					○ 561H.00.00.301 ● 561H.00.01.301	○ 562S.00.00.301 ● 562S.00.01.301	559G.00.00.301
592	695	1	0,01 W 2E-6J 592-695 RB1		0,01 W 2E-6J 592-695 RB1	0,01 W 2E-6J 592-695 RB1	0,01 W 2E-6J 592-695 RB1



FILTER CODE: UL-1019

Filter	Alignment protection
Colour	Pink
Material	Polycarbonate
VLT	19%
Alignment laser wavelength T%(λ) >10%	-

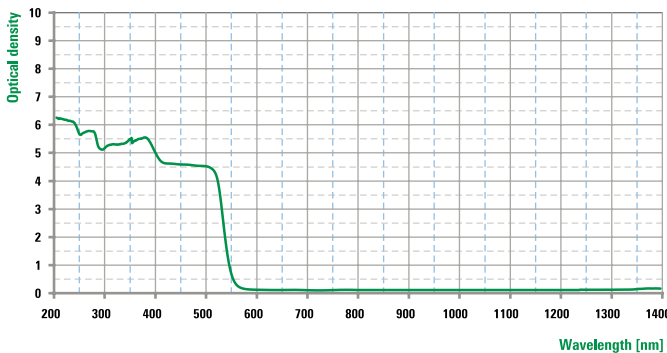


Wavelength				OD	561	562	559G
					○ 561H.00.00.307 ● 561H.00.01.307	○ 562S.00.00.307 ● 562S.00.01.307	559G.00.00.307
440	500	1	0,01 W 2E-6J 440-500 RB1		0,01 W 2E-6J 440-500 RB1	0,01 W 2E-6J 440-500 RB1	0,01 W 2E-6J 440-500 RB1
>500	535	2	0,1 W 2E-5J >500-535 RB2		0,1 W 2E-5J >500-535 RB2	0,1 W 2E-5J >500-535 RB2	0,1 W 2E-5J >500-535 RB2
>535	570	1	0,01 W 2E-6J >535-570 RB1		0,01 W 2E-6J >535-570 RB1	0,01 W 2E-6J >535-570 RB1	0,01 W 2E-6J >535-570 RB1



FILTER CODE: UL-1025

Filter	Alignment protection
Colour	Orange
Material	Polycarbonate
VLT	45%
Alignment laser wavelength T%(λ) >10%	-

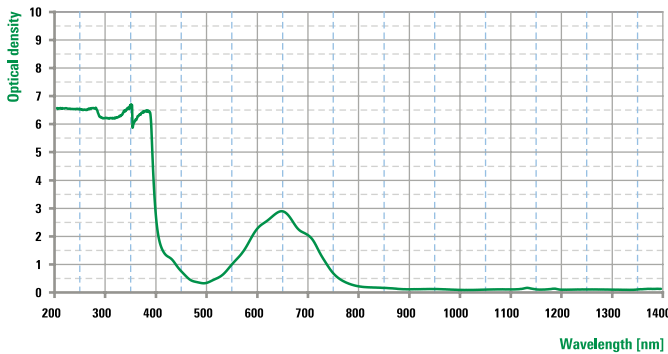


Wavelength				OD	546	5X7
					546L.00.10.561	5X7L.00.00.661
528	534	2	0,1 W 2E-5J 528-534 RB2		0,1 W 2E-5J 528-534 RB2	0,1 W 2E-5J 528-534 RB2



FILTER CODE: UL-1031

Filter	Alignment protection
Colour	Blue
Material	Polycarbonate
VLT	15%
Alignment laser wavelength T%(λ) >10%	-

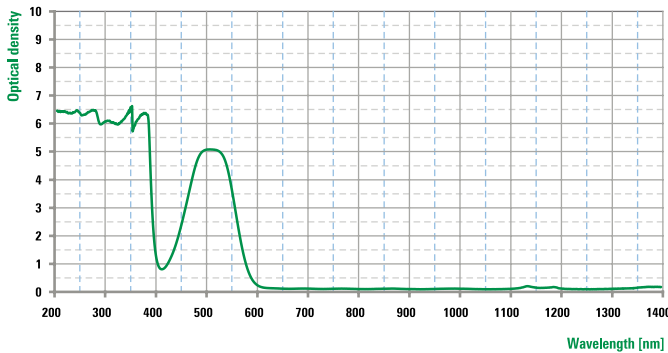


Wavelength		OD	561	562	559G
			○ 561H.00.00.351 ● 561H.00.01.351	○ 562S.00.00.351 ● 562S.00.01.351	559G.00.00.351
400	430	1	0,01 W 2E-6J 400-430 RB1	0,01 W 2E-6J 400-430 RB1	0,01 W 2E-6J 400-430 RB1
560	595	1	0,01 W 2E-6J 560-595 RB1	0,01 W 2E-6J 560-595 RB1	0,01 W 2E-6J 560-595 RB1
>595	700	2	0,1 W 2E-5J >595-700 RB2	0,1 W 2E-5J >595-700 RB2	0,1 W 2E-5J >595-700 RB2



FILTER CODE: UL-1032

Filter	Alignment protection
Colour	Orange
Material	Polycarbonate
VLT	20%
Alignment laser wavelength T%(λ) >10%	-

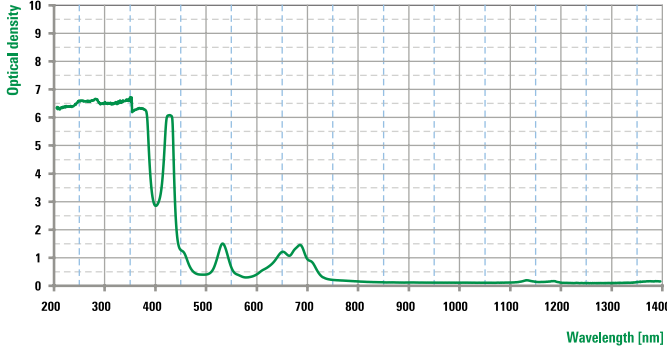


Wavelength		OD	561	562	559G
			○ 561H.00.00.352 ● 561H.00.01.352	○ 562S.00.00.352 ● 562S.00.01.352	559G.00.00.352
457	468	3	1W 2E-4J 457-468 RB3	1W 2E-4J 457-468 RB3	1W 2E-4J 457-468 RB3
>468	542	4	10W 2E-3J >468-542 RB4	10W 2E-3J >468-542 RB4	10W 2E-3J >468-542 RB4



FILTER CODE: UL-1043

Filter	Alignment protection
Colour	Grey
Material	Polycarbonate
VLT	32%
Alignment laser wavelength T%(λ) >10%	-



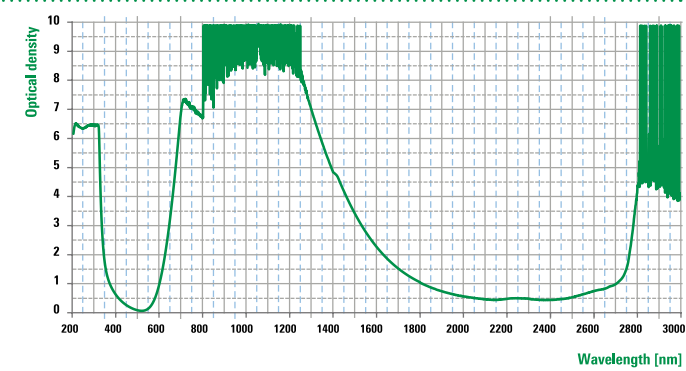
Wavelength		OD	5X7
			5X7L.00.00.674
440	455	1	0.01W 2 E-6J 440-455 RB1
521	540	1	0.01W 2 E-6J 521-540 RB1
640	695	1	0.01W 2 E-6J 640-695 RB1





FILTER CODE: UL-2001

Filter	Full protection
Colour	Green
Material	Glass
VLT	27%
Alignement laser wavelength T%(λ) >10%	380-590 nm

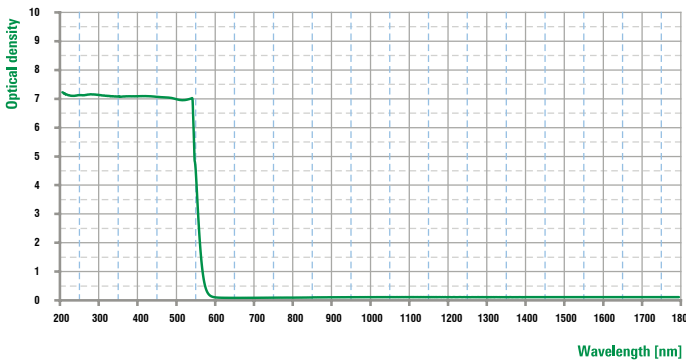


Wavelength		OD	561	562	559G	616
			○ 561H.00.00.201 ● 561H.00.01.201	○ 562S.00.00.201 ● 562S.00.01.201	559G.00.00.201	616L.00.0.003
190	315	9	D LB8 IR LB4	D LB8 IR LB4	D LB9 IR LB4	D LB9 IR LB4
645	1400	3	DIR LB3	DIR LB3	DIR LB3	DIR LB3
660	1400	4	DIR LB4	DIR LB4	DIR LB4	DIR LB4
675	1360	5	DIR LB5	DIR LB5	DIR LB5	DIR LB5
685	1345	6	DIR LB6 M LB6Y	DIR LB6 M LB6Y	DIR LB6 M LB6Y	DIR LB6 M LB6Y
695	1300	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
720	1250	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
1400	1525	4	DI LB4	DI LB4	DI LB4	DI LB4
2800	3300	4	DI LB4	DI LB4	DI LB4	DI LB4
9000	11000	6	DI LB4	DI LB4	DI LB4	DI LB4



FILTER CODE: UL-2002

Filter	Full protection
Colour	Orange
Material	Glass
VLT	30%
Alignement laser wavelength T%(λ) >10%	565-780 nm

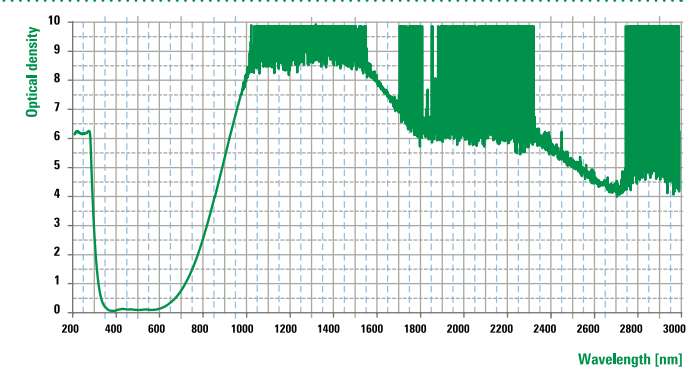


Wavelength		OD	559G	616
			559G.00.00.004	616L.00.0.004
190	315	9	D LB9 IR LB4	D LB9 IR LB4
315	535	8	D LB5 I LB8 R LB7 M LB8Y	D LB5 I LB8 R LB7 M LB8Y



FILTER CODE: UL-2004

Filter	Full protection
Colour	Aqua
Material	Glass
VLT	64%
Alignement laser wavelength T%(λ) >10%	380-720 nm

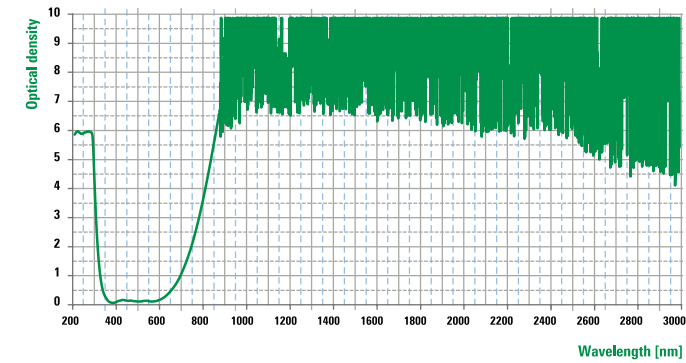


Wavelength		OD	561	562	559G	616
			○ 561H.00.00.200 ● 561H.00.01.200	○ 562S.00.00.200 ● 562S.00.01.200	559G.00.00.200	616L.00.0.008
190	260	9	D LB8 IR LB4	D LB8 IR LB4	D LB9 IR LB4	D LB9 IR LB4
815	1400	3	DIR LB3	DIR LB3	DIR LB3	DIR LB3
850	1400	4	DIR LB4	DIR LB4	DIR LB4	DIR LB4
890	1400	5	DIR LB5	DIR LB5	DIR LB5	DIR LB5
930	1400	6	DIR LB6	DIR LB6	DIR LB6	DIR LB6 M LB6Y
950	1400	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
990	1400	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
1400	3000	5	DI LB4	DI LB4	DI LB4	DI LB4
9000	11000	6	DI LB4	DI LB4	DI LB4	DI LB4



FILTER CODE: UL-2005

Filter	Full protection
Colour	Aqua
Material	Glass
VLT	57%
Alignement laser wavelength T%(λ) >10%	380-740 nm

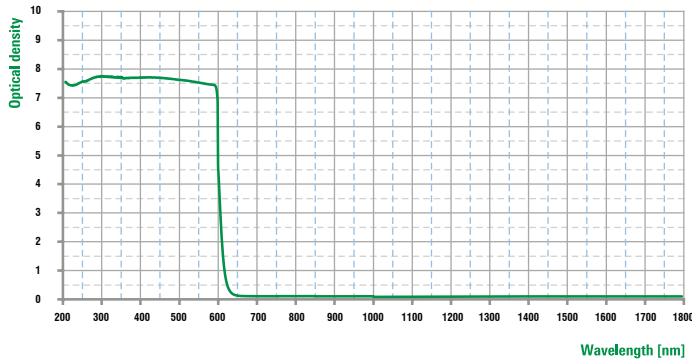


Wavelength		OD	559G	616
			559G.00.00.010	616L.00.0.010
190	280	9	D LB9 IR LB4	D LB9 IR LB4
775	1400	3	DIR LB3	DIR LB3
805	1400	4	DIR LB4	DIR LB4
830	1400	5	DIR LB5	DIR LB5
855	1400	6	DIR LB6 M LB6Y	DIR LB6 M LB6Y
880	1400	7	D LB6 IR LB7 M LB7Y	D LB6 IR LB7 M LB7Y
905	1400	8	D LB6 IR LB8 M LB8Y	D LB6 IR LB8 M LB8Y
1400	3000	5	DI LB4	DI LB4
9000	11000	6	DI LB4	DI LB4



FILTER CODE: UL-2006

Filter	Full protection
Colour	Dark Red
Material	Glass
VLT	7%
Alignement laser wavelength T%(λ) >10%	605-780 nm

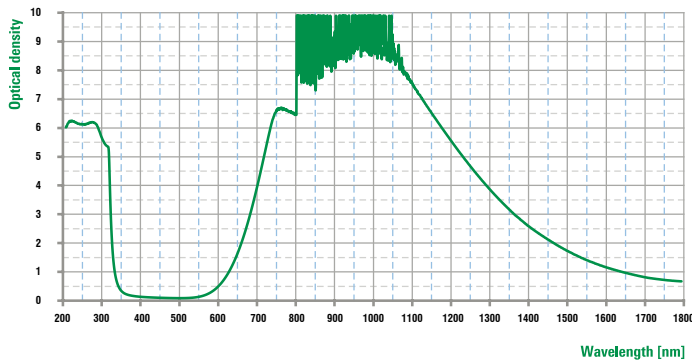


Wavelength			OD	559G	616
				559G.00.00.012	616L.00.0.012
190	315	9		D LB9 IR LB4	D LB9 IR LB4
315	580	8		D LB6 I LB8 R LB7 M LB8Y	D LB6 I LB8 R LB7 M LB8Y
315	565	7		D LB6 IR LB7	D LB6 IR LB7



FILTER CODE: UL-2007

Filter	Full protection
Colour	Light Blue
Material	Glass
VLT	65%
Alignement laser wavelength T%(λ) >10%	380-630 nm

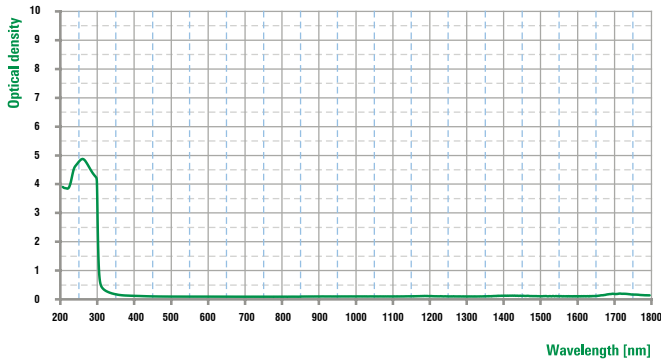


Wavelength			OD	559G	616
				559G.00.00.013	616L.00.0.013
190	300	9		D LB9 IR LB4	D LB9 IR LB4
685	1350	3		DIR LB3	DIR LB3
700	1250	4		DIR LB4	DIR LB4
720	1210	5		DIR LB5	DIR LB5
740	1160	6		DIR LB6 M LB6Y	DIR LB6 M LB6Y
750	1100	8		D LB6 I LB8 R LB7 M LB8Y	D LB6 I LB8 R LB7 M LB8Y
9000	11000	6		DI LB4	DI LB4



FILTER CODE: UL-2012

Filter	Full protection
Colour	Clear
Material	Glass
VLT	92%
Alignement laser wavelength T%(λ) >10%	380-780 nm

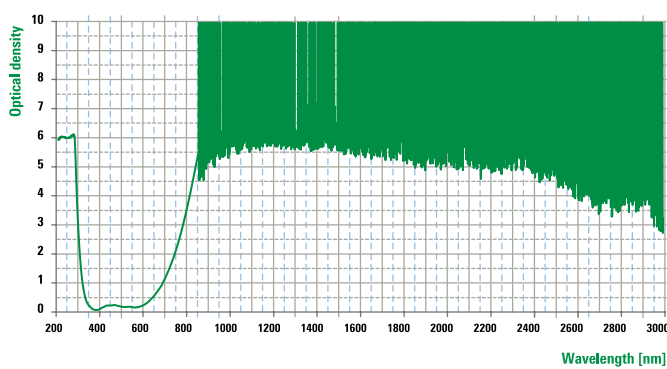


Wavelength			OD	559G
				559G.00.00.020
9000	11500	6		DI LB5



FILTER CODE: UL-2014

Filter	Full protection
Colour	Aqua
Material	Glass
VLT	57%
Alignement laser wavelength T%(λ) >10%	335-670 nm



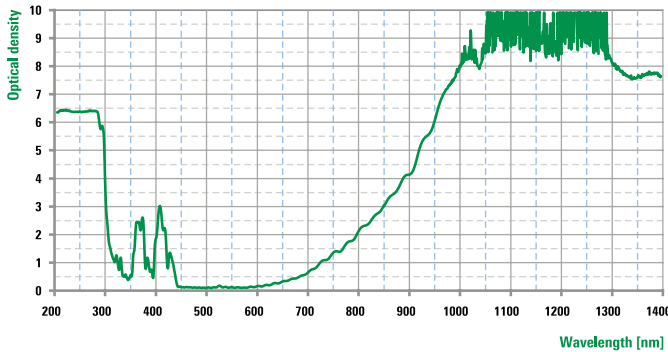
Wavelength			OD	559G
				559G.00.00.024
190	270	9		D LB9 IR LB5
780	1400	3		DIR LB3
810	1400	4		DIR LB4
840	1400	5		DIR LB5 M LB5Y
860	1400	6		DIR LB6 M LB6Y
880	1400	7		DIR LB7 M L B7Y
900	1400	8		D LB7 IR LB8 M LB8Y
1400	3300	5		DI LB5
9000	11000	6		DI LB5



FILTER CODE: UL-3001

Filter	Full protection
Colour	Aqua
Material	Glass + Coating
VLT	70%
Alignement laser wavelength T%(λ) >10%	430-720 nm

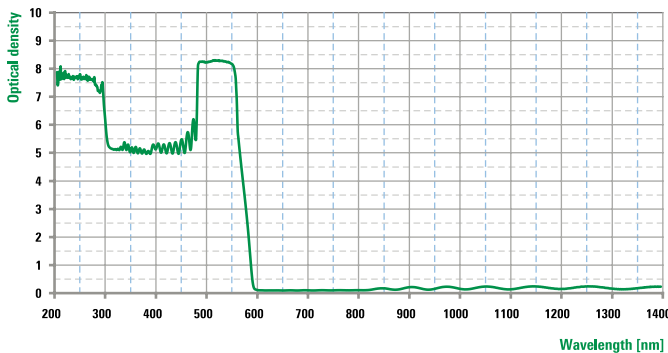
Wavelength		OD	559G
			559G.00.00.100
1025	1100	9	D LB8 IRM LB9



FILTER CODE: UL-3002

Filter	Full protection
Colour	Orange
Material	Glass + Coating
VLT	15%
Alignement laser wavelength T%(λ) >10%	587-780 nm

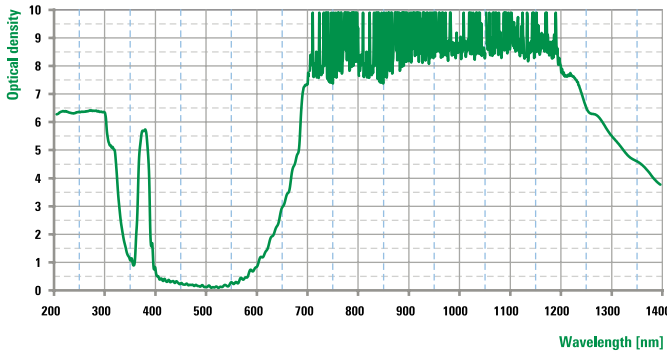
Wavelength		OD	559G
			559G.00.00.101
515	532	9	D LB8 IR LB9 M LB9Y



FILTER CODE: UL-3005

Filter	Full protection
Colour	Green
Material	Glass + Coating
VLT	40%
Alignement laser wavelength T%(λ) >10%	394-600 nm

Wavelength		OD	559G
			559G.00.00.104
750	815	9	D LB8 IR LB9 M LB9Y
815	975	8	D LB6 IR LB8 M LB8Y
975	1120	9	D LB8 IR LB9 M LB9Y





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