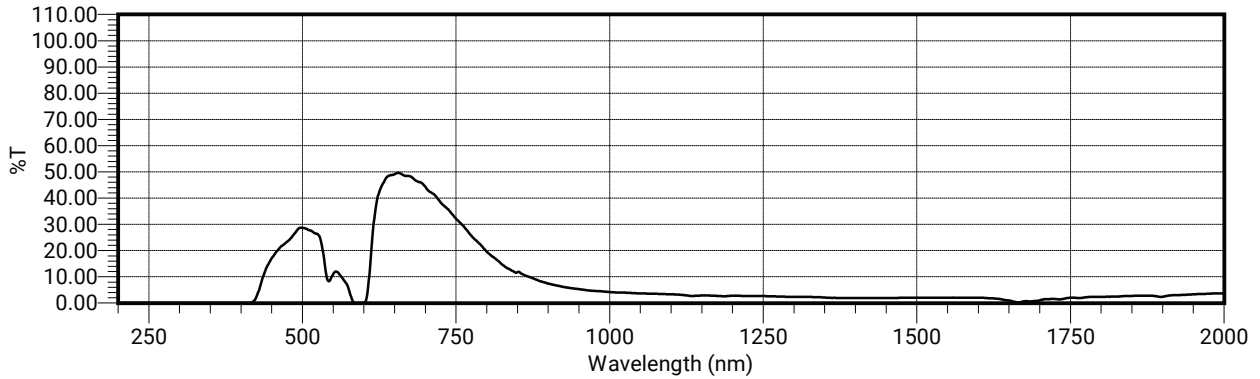


Lens Certification Report

Standard: ANSI Z87.1:2020

Item	Value	Requirement	Result
Scale	W3.0		
Actual Shade Number	2.86		
Luminous Transmittance TL	15.87591%	8.5% - 18%	PASS
T(EFUV) (200 - 315nm)	0.00000%	<= 0.07000%	PASS
T(NUV) (315 - 380nm)	0.00000%	<= 0.85000% (0.1TL(min))	PASS
T(B) (400 - 700nm)	13.31125%	<= 15.87591% (TL)	PASS
T(IR) (780 - 2000nm)	4.20094%	<= 9.0%	PASS

Transmittance Spectrum



Spectrum Data:

nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T	nm	%T
200	0.000	205	0.000	210	0.000	215	0.000	220	0.000	225	0.000	230	0.000	235	0.000	240	0.000
245	0.000	250	0.000	255	0.000	260	0.000	265	0.000	270	0.000	275	0.000	280	0.000	285	0.000
290	0.000	295	0.000	300	0.000	305	0.000	310	0.000	315	0.000	320	0.000	325	0.000	330	0.000
335	0.000	340	0.000	345	0.000	350	0.000	355	0.000	360	0.000	365	0.000	370	0.000	375	0.000
380	0.000	385	0.000	390	0.000	395	0.000	400	0.000	405	0.000	410	0.000	415	0.078	420	0.570
425	2.316	430	5.583	435	9.373	440	12.657	445	15.085	450	17.023	455	18.746	460	20.233	465	21.521
470	22.386	475	23.422	480	24.390	485	25.871	490	27.362	495	28.571	500	28.652	505	28.432	510	27.872
515	27.462	520	26.631	525	26.239	530	23.694	535	16.911	540	9.489	545	8.717	550	11.080	555	12.016
560	11.055	565	9.477	570	7.954	575	5.568	580	1.756	585	0.114	590	0.000	595	0.010	600	0.097
605	2.676	610	13.994	615	28.028	620	37.396	625	42.428	630	45.052	635	47.220	640	48.488	645	48.779
650	49.116	655	49.588	660	49.372	665	48.660	670	48.421	675	48.338	680	47.584	685	46.585	690	46.168
695	45.584	700	44.276	705	42.852	710	42.052	715	41.276	720	39.882	725	38.342	730	37.163	735	36.182
740	34.958	745	33.512	750	32.152	755	30.972	760	29.830	765	28.542	770	27.058	775	25.614	780	24.399
785	23.304	790	22.179	795	20.882	800	19.568	805	18.518	810	17.615	815	16.754	820	15.760	825	14.729
830	13.831	835	13.128	840	12.502	845	11.802	850	11.788	855	11.475	860	10.810	865	10.299	870	9.908
875	9.451	880	8.982	885	8.527	890	8.132	895	7.803	900	7.451	905	7.149	910	6.875	915	6.648
920	6.397	925	6.141	930	5.933	935	5.764	940	5.606	945	5.446	950	5.322	955	5.153	960	4.985
965	4.824	970	4.712	975	4.628	980	4.581	985	4.509	990	4.413	995	4.305	1000	4.206	1005	4.107
1010	4.040	1015	4.002	1020	4.006	1025	3.967	1030	3.926	1035	3.861	1040	3.777	1045	3.715	1050	3.663
1055	3.648	1060	3.620	1065	3.618	1070	3.620	1075	3.560	1080	3.493	1085	3.457	1090	3.419	1095	3.348
1100	3.331	1105	3.298	1110	3.236	1115	3.166	1120	3.056	1125	2.919	1130	2.748	1135	2.690	1140	2.777
1145	2.842	1150	2.889	1155	2.922	1160	2.882	1165	2.844	1170	2.786	1175	2.729	1180	2.671	1185	2.582
1190	2.617	1195	2.730	1200	2.779	1205	2.775	1210	2.767	1215	2.733	1220	2.720	1225	2.708	1230	2.669
1235	2.663	1240	2.663	1245	2.655	1250	2.652	1255	2.630	1260	2.602	1265	2.579	1270	2.531	1275	2.493
1280	2.481	1285	2.416	1290	2.403	1295	2.395	1300	2.405	1305	2.391	1310	2.383	1315	2.363	1320	2.359
1325	2.344	1330	2.296	1335	2.279	1340	2.228	1345	2.189	1350	2.107	1355	2.060	1360	1.985	1365	1.991
1370	1.950	1375	1.948	1380	1.964	1385	1.934	1390	1.952	1395	1.953	1400	1.924	1405	1.931	1410	1.925
1415	1.963	1420	1.941	1425	1.941	1430	1.915	1435	1.932	1440	1.939	1445	1.951	1450	1.954	1455	1.962
1460	1.968	1465	1.962	1470	1.975	1475	1.995	1480	1.987	1485	2.001	1490	1.990	1495	1.997	1500	1.994
1505	2.015	1510	2.007	1515	2.019	1520	2.020	1525	2.043	1530	2.041	1535	2.051	1540	2.045	1545	2.055
1550	2.059	1555	2.057	1560	2.082	1565	2.084	1570	2.068	1575	2.072	1580	2.057	1585	2.060	1590	2.069
1595	2.055	1600	2.034	1605	2.000	1610	1.969	1615	1.881	1620	1.811	1625	1.776	1630	1.650	1635	1.538
1640	1.312	1645	1.089	1650	0.976	1655	0.718	1660	0.413	1665	0.246	1670	0.396	1675	0.714	1680	0.703
1685	0.635	1690	0.743	1695	0.806	1700	1.044	1705	1.334	1710	1.519	1715	1.528	1720	1.577	1725	1.559
1730	1.433	1735	1.459	1740	1.674	1745	1.917	1750	2.050	1755	2.067	1760	1.968	1765	1.916	1770	2.031
1775	2.205	1780	2.307	1785	2.325	1790	2.340	1795	2.350	1800	2.367	1805	2.385	1810	2.436	1815	2.429
1820	2.477	1825	2.477	1830	2.511	1835	2.616	1840	2.643	1845	2.684	1850	2.699	1855	2.756	1860	2.790
1865	2.790	1870	2.789	1875	2.783	1880	2.829	1885	2.741	1890	2.580	1895	2.372	1900	2.379	1905	2.640
1910	2.879	1915	2.986	1920	3.022	1925	3.068	1930	3.076	1935	3.126	1940	3.192	1945	3.273	1950	3.330
1955	3.403	1960	3.435	1965	3.468	1970	3.509	1975	3.574	1980	3.633	1985	3.667	1990	3.701	1995	3.708
2000	3.718																