

# **TEST RESULTS and REPORT**

**for**

**Shanghai Conant Optics Co. Ltd.**

**O-SCN042716**

by



**COLTS** | Laboratories™  
Precision Testing. Definitive Results.

**COLTS Laboratories maintains A2LA accreditation to ISO/IEC 17025  
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**Any tests not included on this certificate have been identified on the appropriate test result page.**

- Results in this report only relate to the samples analyzed.
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- Unless otherwise requested, test samples will be discarded 21 days from the report date.

**Report Prepared for:**

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Authorizing Signature:

A handwritten signature in black ink, appearing to read 'Gregory Williams', is written over a horizontal line.

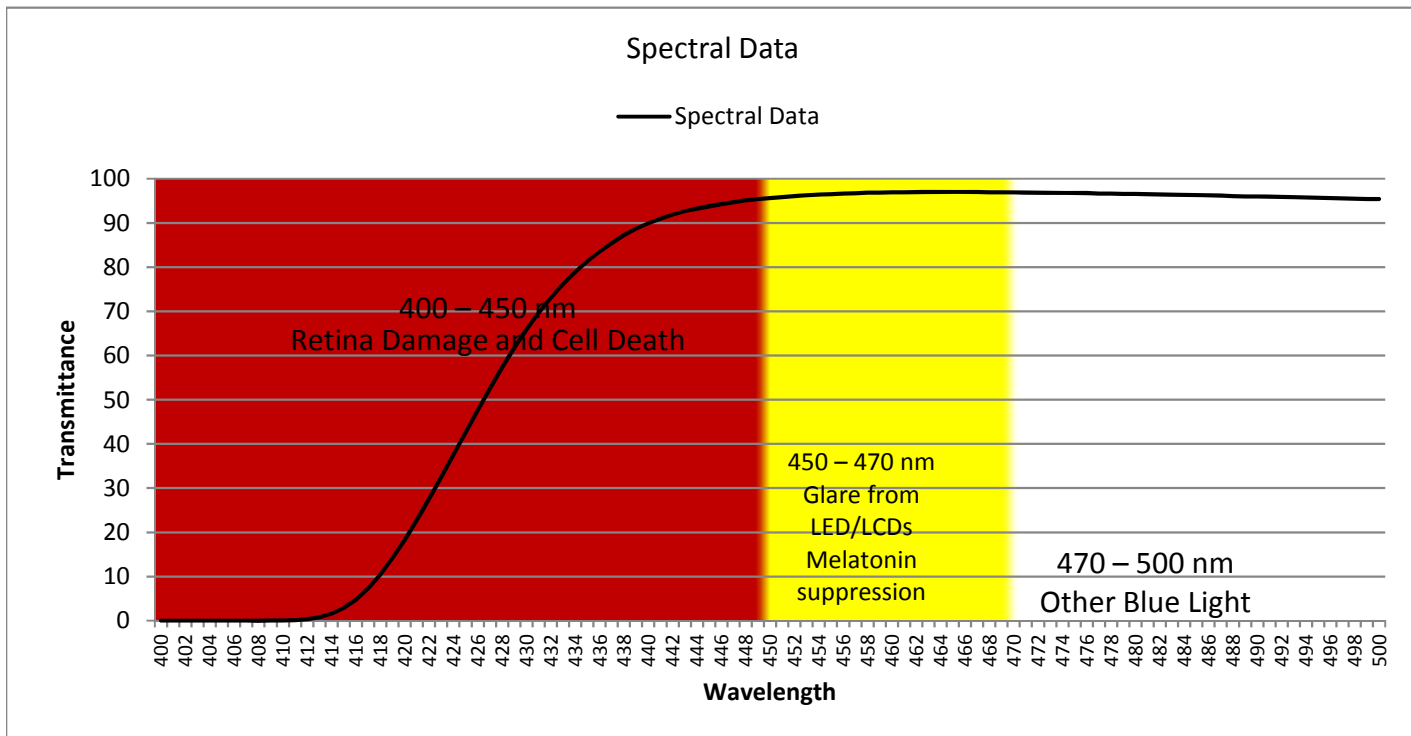
**Gregory Williams A.B.O.C.  
Technical Services Manager**

**1.50 SV UV + + 70 HMC**



## Blue Light Transmittance

Wavelength	%T	Wavelength	%T	Wavelength	%T	Wavelength	%T
400	0.01	425	42.55	450	95.63	475	96.75
401	0.01	426	47.65	451	95.86	476	96.74
402	0.01	427	52.55	452	96.08	477	96.66
403	0.01	428	57.30	453	96.27	478	96.60
404	0.01	429	61.72	454	96.41	479	96.58
405	0.01	430	65.84	455	96.52	480	96.55
406	0.01	431	69.64	456	96.60	481	96.51
407	0.01	432	73.00	457	96.71	482	96.44
408	0.02	433	76.08	458	96.82	483	96.38
409	0.03	434	78.87	459	96.86	484	96.33
410	0.06	435	81.31	460	96.89	485	96.26
411	0.16	436	83.47	461	96.95	486	96.24
412	0.37	437	85.42	462	97.00	487	96.20
413	0.80	438	87.19	463	97.00	488	96.08
414	1.58	439	88.69	464	96.97	489	96.01
415	2.86	440	89.92	465	96.99	490	96.00
416	4.74	441	90.92	466	97.02	491	95.96
417	7.28	442	91.82	467	96.98	492	95.86
418	10.43	443	92.62	468	96.95	493	95.80
419	14.14	444	93.23	469	96.95	494	95.74
420	18.24	445	93.74	470	96.94	495	95.68
421	22.74	446	94.26	471	96.87	496	95.62
422	27.51	447	94.71	472	96.81	497	95.55
423	32.40	448	95.08	473	96.79	498	95.46
424	37.42	449	95.38	474	96.75	499	95.40
						500	95.37

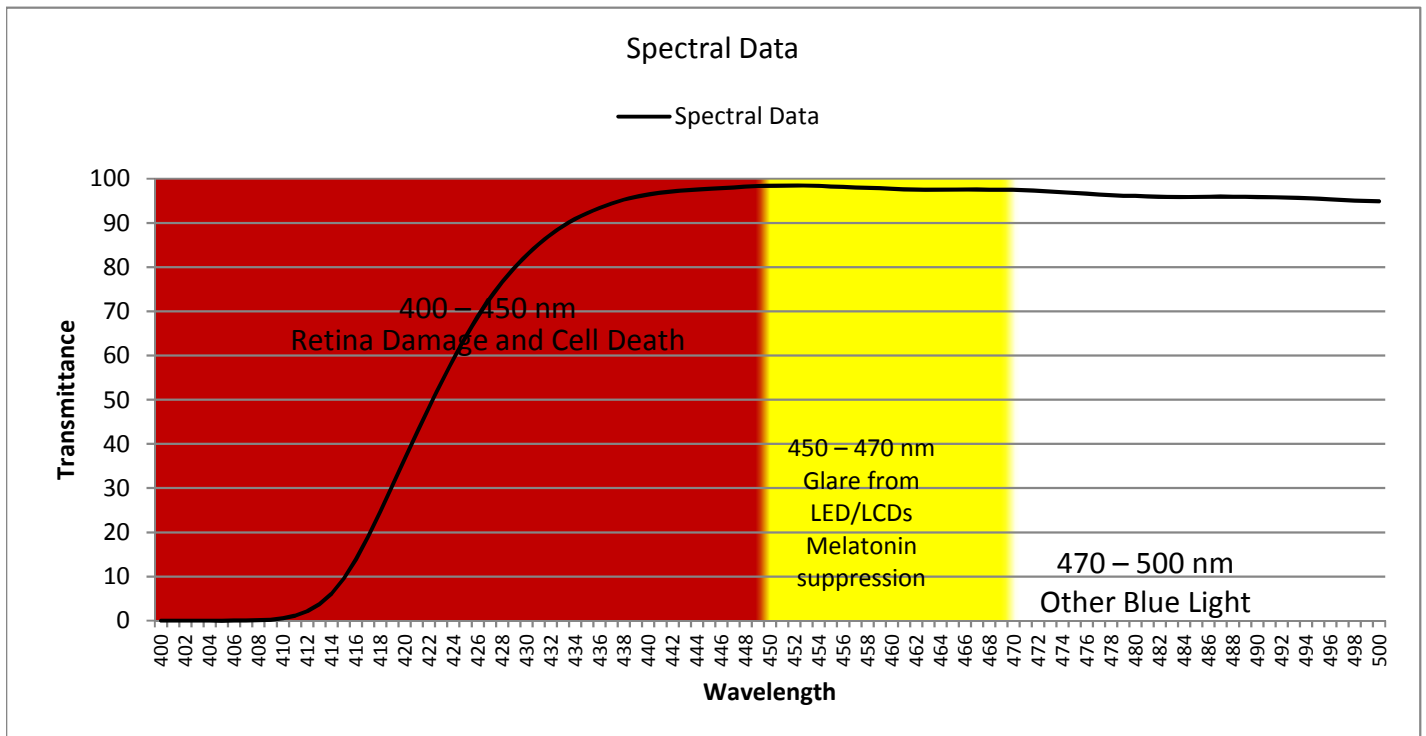


**O-SCN042716-01-01 1.50 SV UV++ 70 HMC**

**1.56 HI-VEX SV UV + + 75 HMC**

## Blue Light Transmittance

Wavelength	%T	Wavelength	%T	Wavelength	%T	Wavelength	%T
400	0.01	425	64.20	450	98.40	475	96.79
401	0.01	426	68.88	451	98.44	476	96.61
402	0.01	427	72.96	452	98.47	477	96.43
403	0.01	428	76.59	453	98.48	478	96.29
404	0.01	429	79.80	454	98.39	479	96.14
405	0.02	430	82.68	455	98.25	480	96.09
406	0.03	431	85.21	456	98.13	481	96.01
407	0.05	432	87.38	457	98.02	482	95.92
408	0.11	433	89.30	458	97.94	483	95.89
409	0.24	434	90.91	459	97.84	484	95.86
410	0.55	435	92.23	460	97.71	485	95.86
411	1.14	436	93.37	461	97.60	486	95.91
412	2.15	437	94.39	462	97.54	487	95.97
413	3.77	438	95.26	463	97.51	488	95.94
414	6.18	439	95.91	464	97.50	489	95.89
415	9.52	440	96.42	465	97.52	490	95.85
416	13.87	441	96.86	466	97.58	491	95.84
417	19.03	442	97.14	467	97.54	492	95.77
418	24.68	443	97.35	468	97.48	493	95.68
419	30.64	444	97.54	469	97.49	494	95.58
420	36.58	445	97.70	470	97.50	495	95.44
421	42.49	446	97.87	471	97.39	496	95.31
422	48.25	447	98.03	472	97.24	497	95.17
423	53.74	448	98.20	473	97.11	498	95.06
424	59.08	449	98.34	474	96.94	499	94.98
						500	94.86

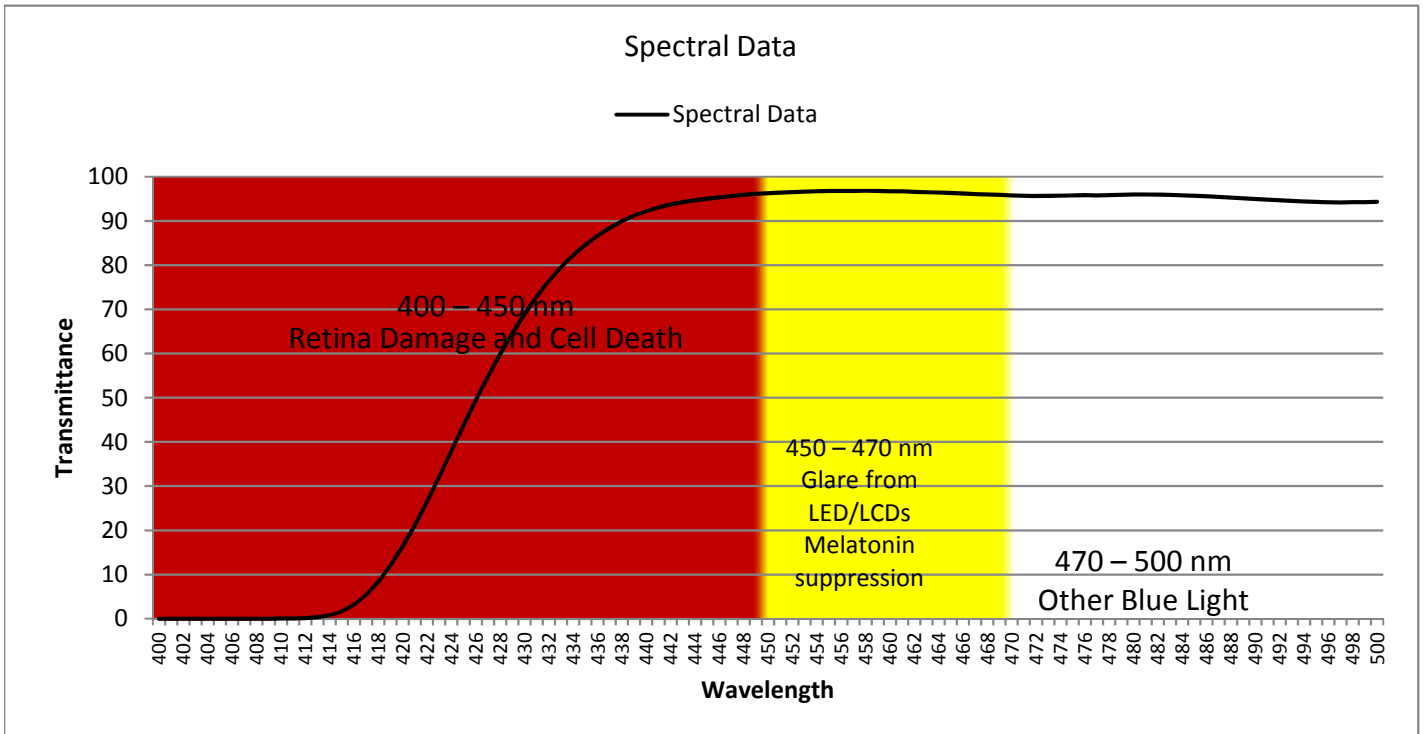


**O-SCN042716-02-01 1.56 HI-VEX SV UV++ 75 HMC**

**1.60 UV++**

## Blue Light Transmittance

Wavelength	%T	Wavelength	%T	Wavelength	%T	Wavelength	%T
400	0.00	425	43.77	450	96.25	475	95.77
401	0.01	426	49.48	451	96.41	476	95.81
402	0.01	427	54.82	452	96.52	477	95.79
403	0.01	428	59.84	453	96.62	478	95.81
404	0.01	429	64.55	454	96.71	479	95.91
405	0.01	430	68.92	455	96.76	480	95.98
406	0.01	431	72.90	456	96.77	481	95.97
407	0.01	432	76.39	457	96.80	482	95.93
408	0.01	433	79.52	458	96.82	483	95.88
409	0.02	434	82.25	459	96.75	484	95.79
410	0.03	435	84.54	460	96.69	485	95.69
411	0.07	436	86.54	461	96.68	486	95.58
412	0.16	437	88.37	462	96.59	487	95.45
413	0.37	438	89.93	463	96.49	488	95.29
414	0.82	439	91.17	464	96.41	489	95.08
415	1.69	440	92.15	465	96.33	490	94.91
416	3.18	441	92.98	466	96.21	491	94.78
417	5.41	442	93.70	467	96.08	492	94.66
418	8.35	443	94.23	468	95.99	493	94.53
419	12.03	444	94.66	469	95.87	494	94.42
420	16.32	445	95.06	470	95.75	495	94.32
421	21.15	446	95.36	471	95.66	496	94.22
422	26.41	447	95.63	472	95.65	497	94.20
423	32.09	448	95.92	473	95.69	498	94.21
424	37.96	449	96.12	474	95.72	499	94.24
						500	94.28



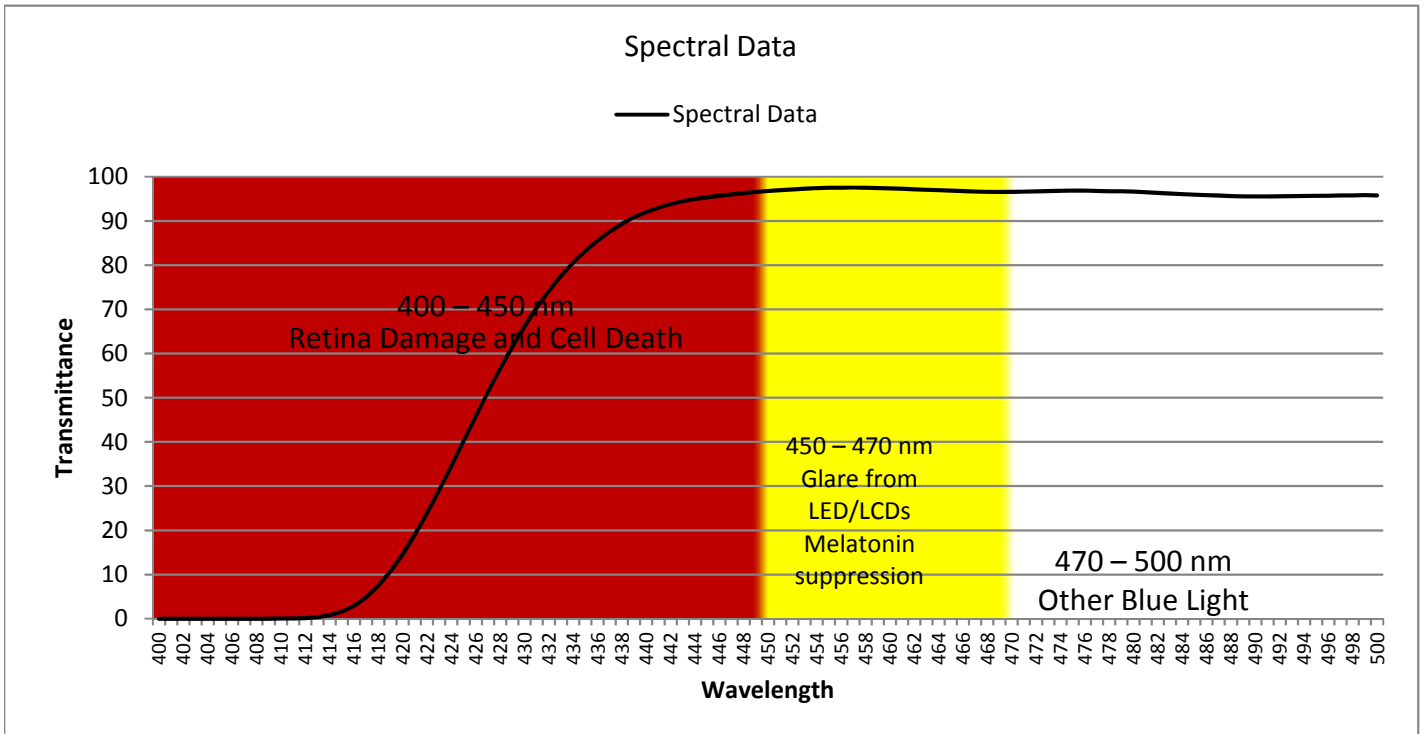
**O-SCN042716-03-01 1.60 UV++**



**1.67 UV + +**

## Blue Light Transmittance

Wavelength	%T	Wavelength	%T	Wavelength	%T	Wavelength	%T
400	0.00	425	40.19	450	96.75	475	96.85
401	0.00	426	45.86	451	96.95	476	96.82
402	0.00	427	51.30	452	97.13	477	96.77
403	0.01	428	56.60	453	97.28	478	96.71
404	0.01	429	61.53	454	97.43	479	96.68
405	0.01	430	66.09	455	97.49	480	96.60
406	0.01	431	70.33	456	97.51	481	96.49
407	0.01	432	74.08	457	97.54	482	96.32
408	0.01	433	77.50	458	97.53	483	96.19
409	0.02	434	80.54	459	97.46	484	96.07
410	0.03	435	83.15	460	97.37	485	95.91
411	0.07	436	85.45	461	97.27	486	95.81
412	0.17	437	87.49	462	97.15	487	95.74
413	0.38	438	89.30	463	97.03	488	95.63
414	0.82	439	90.82	464	96.91	489	95.56
415	1.61	440	91.98	465	96.81	490	95.53
416	2.89	441	92.94	466	96.74	491	95.52
417	4.82	442	93.77	467	96.62	492	95.56
418	7.42	443	94.44	468	96.56	493	95.62
419	10.69	444	94.95	469	96.58	494	95.65
420	14.55	445	95.36	470	96.58	495	95.66
421	19.03	446	95.71	471	96.61	496	95.71
422	23.90	447	95.99	472	96.68	497	95.76
423	29.05	448	96.28	473	96.73	498	95.79
424	34.53	449	96.55	474	96.81	499	95.80
						500	95.78



O-SCN042716-04-01 1.67 UV++