Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: METALUX

Report Number: P1590815

Luminaire Tested: 24CGTX-65-L92765-W2A2-6500K

Issue Date: 9/7/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

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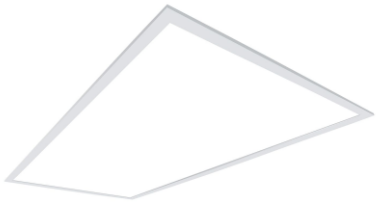
Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1590815
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G3-2510-586-10)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	9/7/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	24CGTX-65-L92765-W2A2-6500K
Description:	2X4 6500 LUMEN CGTX TROFFER WITH VividTune LEDS AT 6500K CCT WITH FROSTED SMOOTH LENS
Light Source:	6500K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7819.9 lumens
Efficiency:	N/A
Efficacy:	122.4 lumens/watt
Spacing Criteria (0/90/45):	1.27 / 1.27 / 1.39
Luminous Opening:	Rectangular (W 2' x L: 4' x H: 0')
CIE Type:	Direct
Input Watts (W):	63.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

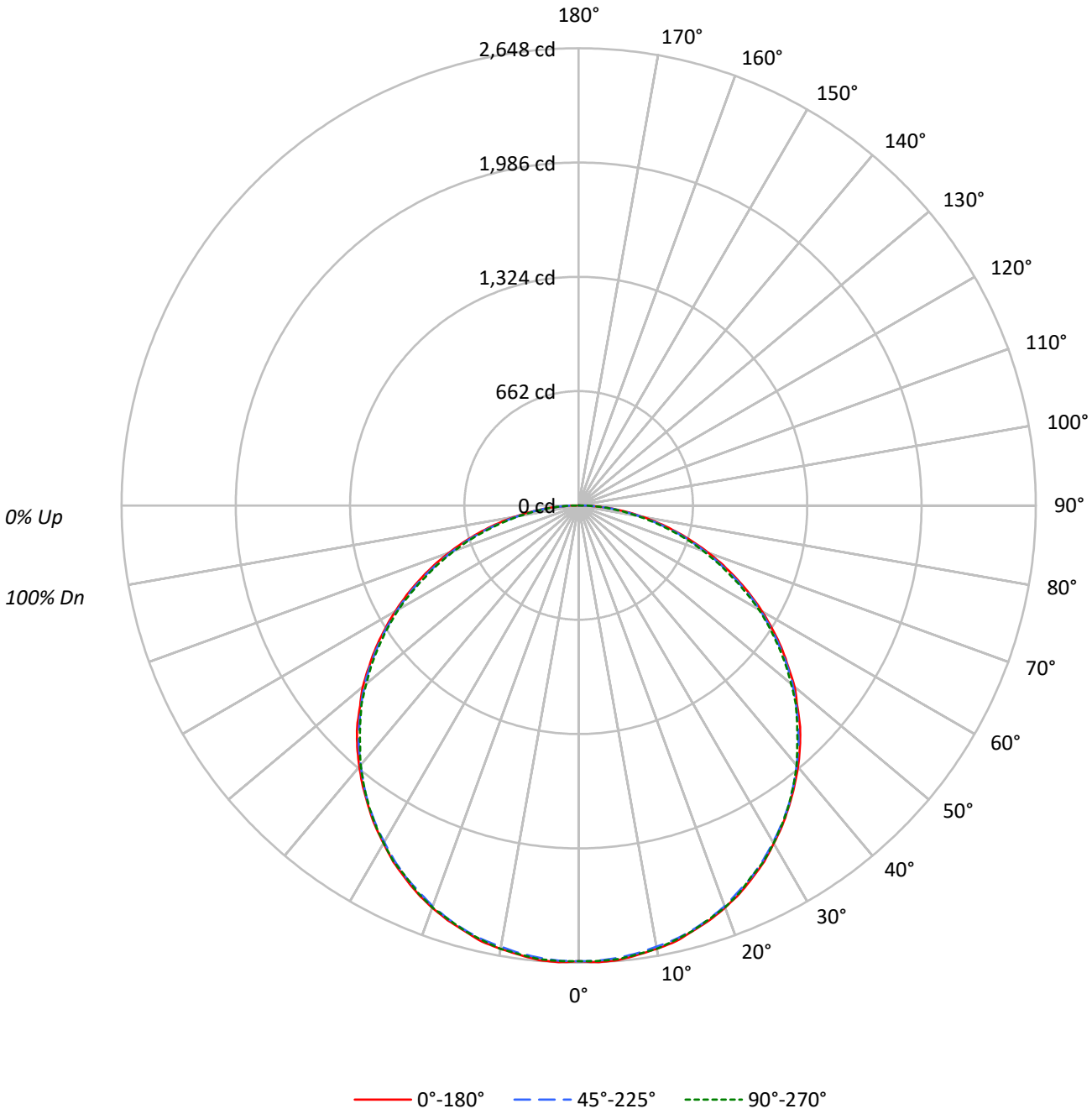


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Scaled Data Report

TEST NUMBER: P1590815
CATALOG NUMBER: 24CGTX-65-L92765-W2A2-6500K

Luminous Intensity Polar Plot



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TEST NUMBER: P1590815
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	57
4	82	69	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3552	3552	3552
5°	3570	3551	3561
10°	3562	3546	3562
15°	3554	3547	3553
20°	3550	3538	3547
25°	3534	3523	3520
30°	3511	3499	3509
35°	3490	3483	3483
40°	3472	3449	3449
45°	3453	3419	3405
50°	3417	3388	3359
55°	3360	3330	3303
60°	3302	3264	3241
65°	3228	3174	3119
70°	3138	3058	3004
75°	3023	2934	2835
80°	2872	2756	2632
85°	2680	2614	2450

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3453 cd/sqm

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TEST NUMBER: P1590815
CATALOG NUMBER: 24CGTX-65-L92765-W2A2-6500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.2	3.2
10°-20°	719.2	9.2
20°-30°	1094.2	14.0
30°-40°	1326.4	17.0
40°-50°	1387.5	17.7
50°-60°	1269.1	16.2
60°-70°	988.2	12.6
70°-80°	597.6	7.6
80°-90°	187.5	2.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2063.6	26.4
0°-40°	3390.0	43.4
0°-60°	6046.6	77.3
0°-90°	7819.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7819.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2640	2640	2640	2640	2640	
5°	2643	2633	2629	2630	2637	251
15°	2552	2547	2546	2545	2551	721
25°	2380	2376	2373	2372	2371	1098
35°	2125	2124	2120	2116	2120	1330
45°	1815	1804	1797	1796	1789	1397
55°	1432	1428	1420	1413	1408	1280
65°	1014	1015	997	987	980	1004
75°	582	577	564	553	545	615
85°	174	172	169	162	159	195
90°	0	0	0	0	0	

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TEST NUMBER: P1590815
CATALOG NUMBER: 24CGTX-65-L92765-W2A2-6500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*2640.1*	2640.1	2640.1	2640.1	2640.1
2.5°	*2647.6*	*2639.0*	*2639.0*	*2638.0*	*2641.2*
5°	*2643.3*	2632.6	2629.4	2630.5	2636.9
7.5°	*2625.2*	2617.7	2615.6	2614.5	2622.0
10°	*2607.1*	2600.7	2595.4	2598.6	2607.1
12.5°	*2587.9*	2579.4	2575.1	2575.1	2579.4
15°	*2551.7*	2547.4	2546.4	2545.3	2550.6
17.5°	*2519.8*	2514.4	2511.2	2510.2	2512.3
20°	*2479.3*	2469.7	2470.8	2468.6	2477.2
22.5°	*2434.6*	2426.0	2419.6	2423.9	2429.2
25°	*2380.2*	2376.0	2372.8	2371.7	2370.7
27.5°	*2325.9*	2318.5	2315.3	2316.3	2322.7
30°	*2259.9*	2253.5	2252.4	2251.4	2258.8
32.5°	*2197.1*	2192.8	2188.5	2190.7	2191.7
35°	*2124.6*	2123.6	2120.4	2116.1	2120.4
37.5°	*2052.2*	2050.1	2043.7	2040.5	2043.7
40°	*1976.6*	1970.2	1963.8	1963.8	1963.8
42.5°	*1897.8*	1888.2	1885.0	1879.7	1874.4
45°	*1814.7*	1804.1	1796.6	1795.6	1789.2
47.5°	*1716.8*	1714.6	1708.2	1705.0	1706.1
50°	*1632.6*	1619.8	1618.8	1607.1	1604.9
52.5°	*1529.3*	1524.0	1520.8	1514.4	1510.1
55°	*1432.4*	1428.1	1419.6	1413.2	1407.9
57.5°	*1329.1*	1325.9	1317.4	1314.2	1306.7
60°	*1226.9*	1220.5	1213.0	1204.5	1204.5
62.5°	*1122.5*	1117.2	1107.6	1100.1	1092.7
65°	*1013.9*	1014.9	996.8	987.2	979.8
67.5°	*906.3*	902.0	887.1	879.7	873.3
70°	*797.7*	791.3	777.4	767.9	763.6
72.5°	*690.1*	684.8	674.1	660.3	658.2
75°	*581.5*	577.2	564.4	552.7	545.3
77.5°	*476.0*	473.9	456.9	449.4	442.0
80°	*370.6*	369.5	355.7	348.2	339.7
82.5°	*276.9*	270.5	262.0	252.4	248.1
85°	*173.6*	172.5	169.3	161.9	158.7
87.5°	*82.0*	80.9	80.9	80.9	82.0
90°	*0.0*	0.0	0.0	0.0	0.0

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TEST NUMBER: P1590815
CATALOG NUMBER: 24CGTX-65-L92765-W2A2-6500K

CIE UGR TABLE:

Reflectances:											
	Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
	Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.40	18.07	16.77	18.38	18.69	16.33	17.99	16.70	18.31	18.62
	3H	18.34	19.85	18.72	20.17	20.53	18.20	19.70	18.57	20.03	20.39
	4H	19.11	20.53	19.50	20.87	21.25	18.92	20.34	19.32	20.69	21.06
	6H	19.71	21.03	20.12	21.40	21.79	19.47	20.79	19.88	21.15	21.54
	8H	19.93	21.19	20.36	21.58	21.98	19.66	20.93	20.09	21.31	21.71
	12H	20.09	21.30	20.52	21.68	22.11	19.80	21.01	20.23	21.40	21.82
4H	2H	17.06	18.48	17.45	18.82	19.20	17.00	18.42	17.40	18.77	19.14
	3H	19.22	20.42	19.63	20.81	21.21	19.09	20.29	19.50	20.69	21.09
	4H	20.13	21.21	20.56	21.62	22.06	19.95	21.03	20.38	21.45	21.88
	6H	20.88	21.83	21.33	22.27	22.72	20.64	21.59	21.09	22.03	22.49
	8H	21.16	22.05	21.62	22.49	22.95	20.89	21.78	21.35	22.22	22.69
	12H	21.37	22.18	21.85	22.65	23.12	21.08	21.88	21.56	22.36	22.83
8H	4H	20.47	21.36	20.93	21.80	22.26	20.31	21.20	20.77	21.64	22.11
	6H	21.36	22.10	21.85	22.59	23.06	21.14	21.89	21.63	22.37	22.85
	8H	21.73	22.40	22.24	22.90	23.39	21.47	22.14	21.98	22.65	23.13
	12H	22.04	22.63	22.54	23.12	23.68	21.76	22.35	22.26	22.84	23.40
12H	4H	20.51	21.31	20.99	21.79	22.26	20.36	21.17	20.84	21.64	22.11
	6H	21.43	22.10	21.94	22.60	23.09	21.22	21.89	21.73	22.40	22.88
	8H	21.87	22.46	22.37	22.95	23.51	21.62	22.22	22.13	22.70	23.26

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2510-566-18-R2

Test Date: 10/15/2025

Luminaire Tested: 22CGTX-50-L92765-W2A-6500K

Data in this report applies to families of products including 22CGTX

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

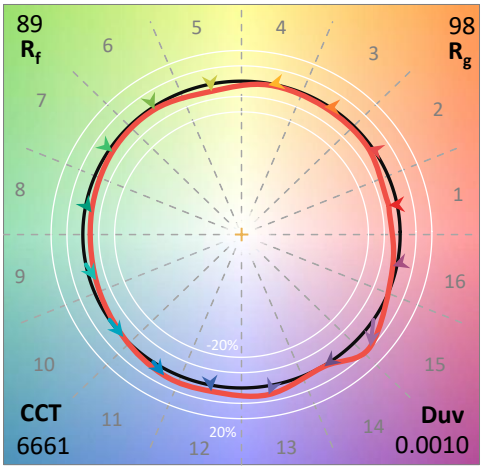
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2510-566-18-R2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**22CGTX-50-L92765-W2A-6500K**
Description:	*THIS IS A REVISION OF REPORT SP1-2512-566-18-R2 TO UPDATE THE CATALOG INFORMATION* 2X2 50000 Lumen CGTX TUNABLE WHITE FROM 2700K TO 6500K - 1.5 V

Spectral Parameters

CCT (K):	6661
CIE u':	0.1988
CIE v':	0.4648
Duv:	0.0010
CIE x:	0.3108
CIE y:	0.3230
CIE z:	0.3662
Peak Wavelength (nm):	453
Dominant Wavelength (nm):	485
Purity:	8.426951
Rf:	88.9
Rg:	97.8

CRI (Ra):	93.3				
R1:	94.6	R9:	71.5		
R2:	96.1	R10:	88.2		
R3:	93.9	R11:	93.9		
R4:	93.7	R12:	65.1		
R5:	92.6	R13:	96.0		
R6:	90.7	R14:	96.5		
R7:	95.1	R15:	93.4		
R8:	90.0				



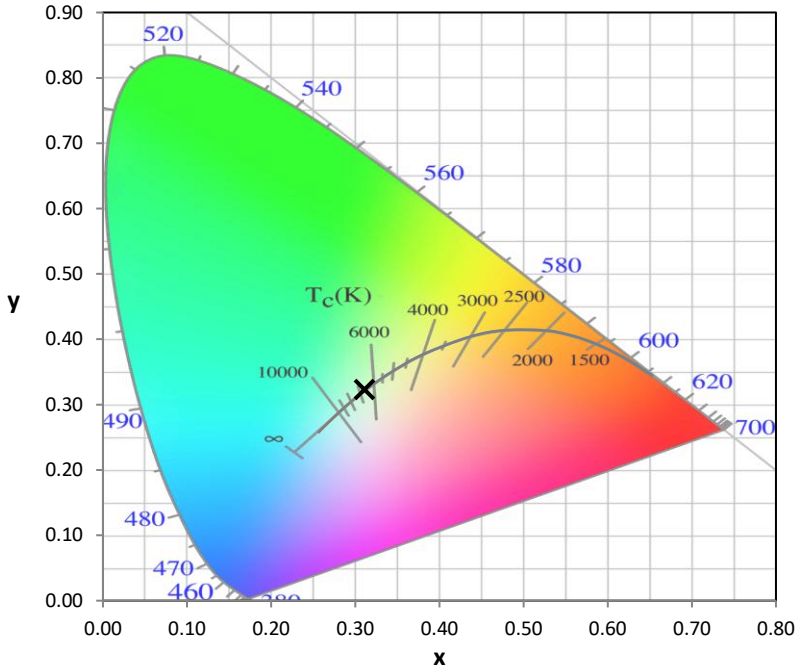
Test Conditions

Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

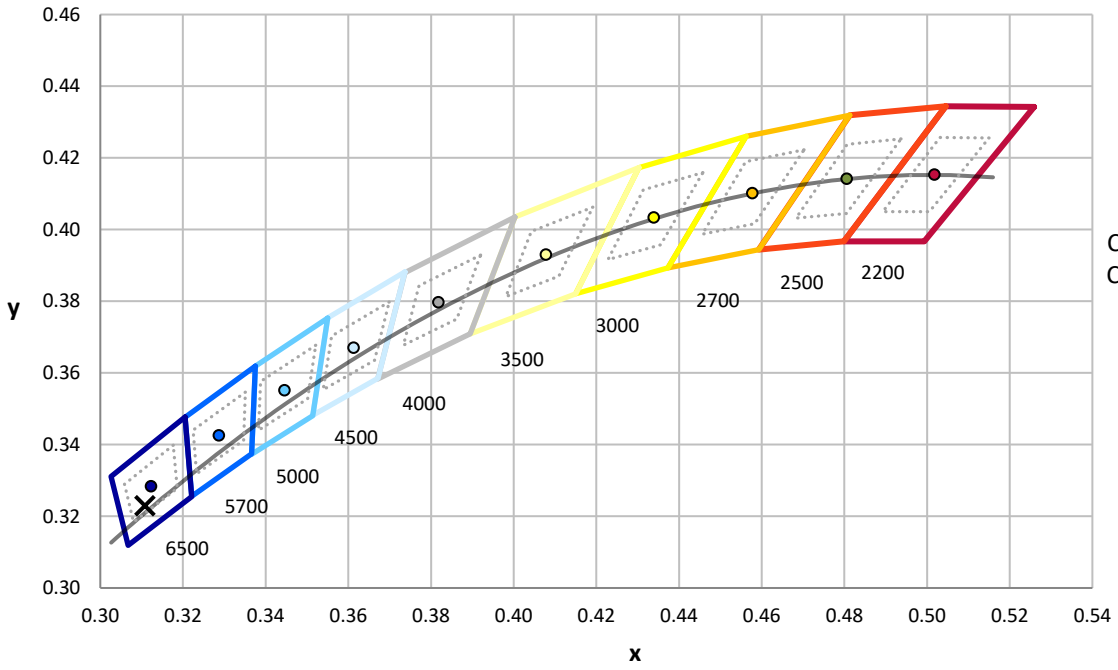
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2510-566-18-R2

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

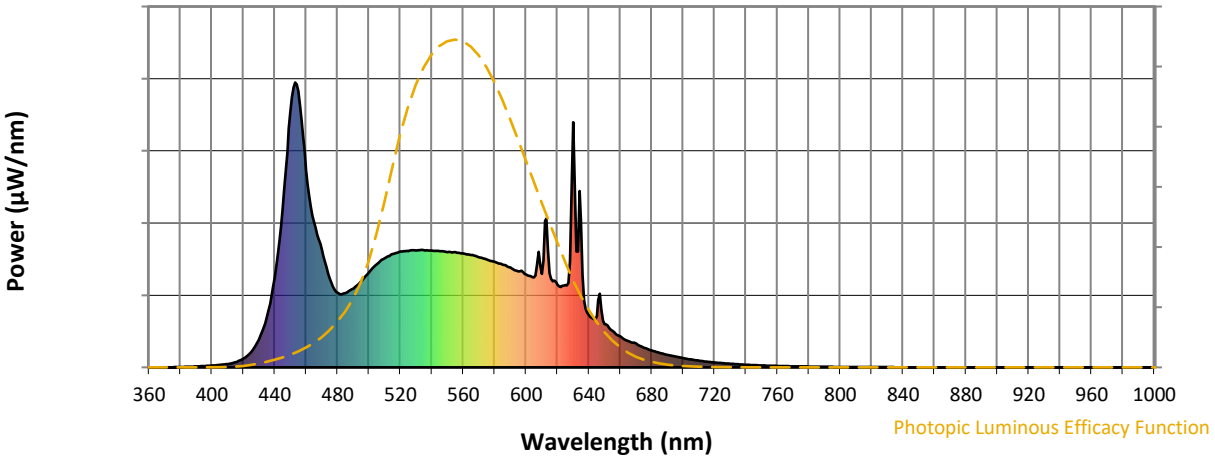


CCT = 6661K
CIE x = 0.3108
CIE y = 0.3230
Duv = 0.0010

Point lies inside the ANSI 6500K 4-step quadrangle

REPORT NUMBER: SP1-2510-566-18-R2

Photopic Flux vs. Wavelength

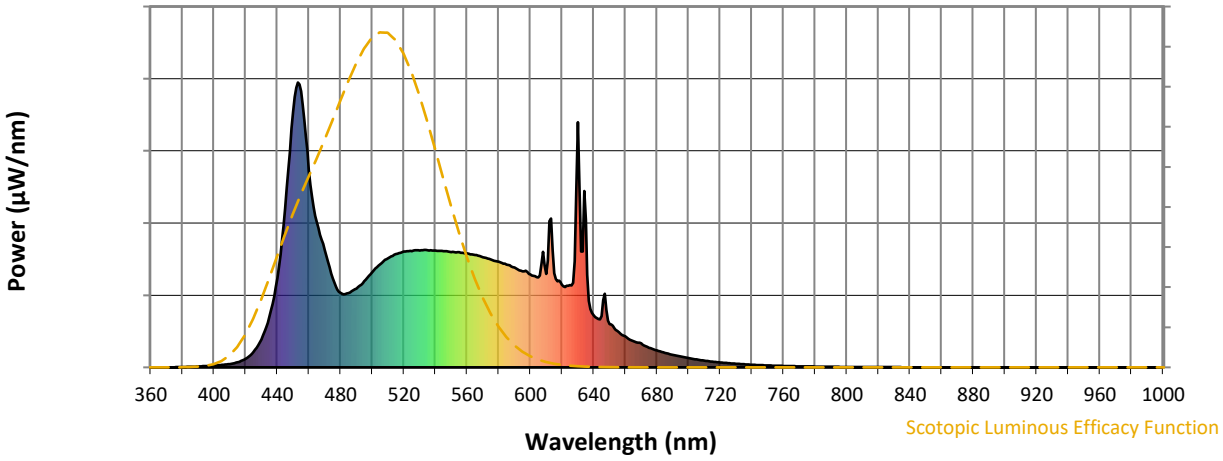


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	277	NR	620	290	NR	750	7	NR	880	0	NR
365	0	NR	495	302	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	334	NR	630	861	NR	760	5	NR	890	0	NR
375	0	NR	505	361	NR	635	516	NR	765	4	NR	895	0	NR
380	2	NR	510	383	NR	640	183	NR	770	4	NR	900	0	NR
385	2	NR	515	398	NR	645	180	NR	775	3	NR	905	0	NR
390	3	NR	520	406	NR	650	151	NR	780	3	NR	910	0	NR
395	5	NR	525	408	NR	655	128	NR	785	2	NR	915	0	NR
400	6	NR	530	410	NR	660	109	NR	790	2	NR	920	0	NR
405	9	NR	535	411	NR	665	92	NR	795	2	NR	925	0	NR
410	12	NR	540	411	NR	670	84	NR	800	2	NR	930	0	NR
415	18	NR	545	408	NR	675	69	NR	805	1	NR	935	0	NR
420	31	NR	550	405	NR	680	59	NR	810	1	NR	940	0	NR
425	54	NR	555	404	NR	685	51	NR	815	1	NR	945	0	NR
430	98	NR	560	400	NR	690	44	NR	820	1	NR	950	0	NR
435	179	NR	565	394	NR	695	38	NR	825	1	NR	955	0	NR
440	314	NR	570	386	NR	700	32	NR	830	1	NR	960	0	NR
445	557	NR	575	378	NR	705	28	NR	835	1	NR	965	0	NR
450	898	NR	580	370	NR	710	24	NR	840	1	NR	970	0	NR
455	970	NR	585	361	NR	715	20	NR	845	0	NR	975	0	NR
460	692	NR	590	351	NR	720	17	NR	850	0	NR	980	0	NR
465	510	NR	595	337	NR	725	15	NR	855	0	NR	985	0	NR
470	411	NR	600	326	NR	730	13	NR	860	0	NR	990	0	NR
475	313	NR	605	316	NR	735	11	NR	865	0	NR	995	0	NR
480	262	NR	610	328	NR	740	9	NR	870	0	NR	1000	0	NR
485	261	NR	615	331	NR	745	8	NR	875	0	NR			

REPORT NUMBER: SP1-2510-566-18-R2

Scotopic Flux vs. Wavelength

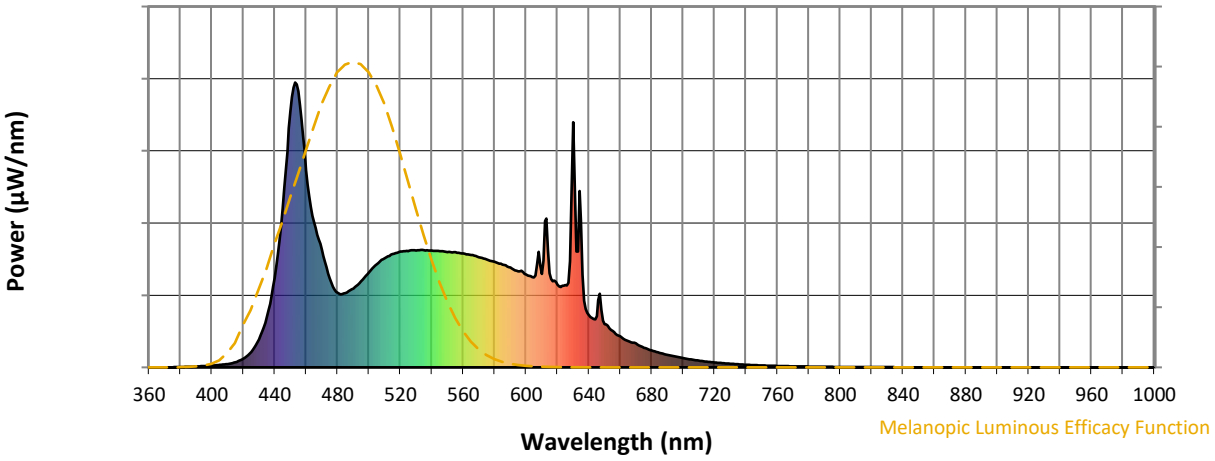


Scotopic Lumens: NR **S/P: 2.39**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	277	NR	620	290	NR	750	7	NR	880	0	NR
365	0	NR	495	302	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	334	NR	630	861	NR	760	5	NR	890	0	NR
375	0	NR	505	361	NR	635	516	NR	765	4	NR	895	0	NR
380	2	NR	510	383	NR	640	183	NR	770	4	NR	900	0	NR
385	2	NR	515	398	NR	645	180	NR	775	3	NR	905	0	NR
390	3	NR	520	406	NR	650	151	NR	780	3	NR	910	0	NR
395	5	NR	525	408	NR	655	128	NR	785	2	NR	915	0	NR
400	6	NR	530	410	NR	660	109	NR	790	2	NR	920	0	NR
405	9	NR	535	411	NR	665	92	NR	795	2	NR	925	0	NR
410	12	NR	540	411	NR	670	84	NR	800	2	NR	930	0	NR
415	18	NR	545	408	NR	675	69	NR	805	1	NR	935	0	NR
420	31	NR	550	405	NR	680	59	NR	810	1	NR	940	0	NR
425	54	NR	555	404	NR	685	51	NR	815	1	NR	945	0	NR
430	98	NR	560	400	NR	690	44	NR	820	1	NR	950	0	NR
435	179	NR	565	394	NR	695	38	NR	825	1	NR	955	0	NR
440	314	NR	570	386	NR	700	32	NR	830	1	NR	960	0	NR
445	557	NR	575	378	NR	705	28	NR	835	1	NR	965	0	NR
450	898	NR	580	370	NR	710	24	NR	840	1	NR	970	0	NR
455	970	NR	585	361	NR	715	20	NR	845	0	NR	975	0	NR
460	692	NR	590	351	NR	720	17	NR	850	0	NR	980	0	NR
465	510	NR	595	337	NR	725	15	NR	855	0	NR	985	0	NR
470	411	NR	600	326	NR	730	13	NR	860	0	NR	990	0	NR
475	313	NR	605	316	NR	735	11	NR	865	0	NR	995	0	NR
480	262	NR	610	328	NR	740	9	NR	870	0	NR	1000	0	NR
485	261	NR	615	331	NR	745	8	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 5.37**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	277	NR	620	290	NR	750	7	NR	880	0	NR
365	0	NR	495	302	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	334	NR	630	861	NR	760	5	NR	890	0	NR
375	0	NR	505	361	NR	635	516	NR	765	4	NR	895	0	NR
380	2	NR	510	383	NR	640	183	NR	770	4	NR	900	0	NR
385	2	NR	515	398	NR	645	180	NR	775	3	NR	905	0	NR
390	3	NR	520	406	NR	650	151	NR	780	3	NR	910	0	NR
395	5	NR	525	408	NR	655	128	NR	785	2	NR	915	0	NR
400	6	NR	530	410	NR	660	109	NR	790	2	NR	920	0	NR
405	9	NR	535	411	NR	665	92	NR	795	2	NR	925	0	NR
410	12	NR	540	411	NR	670	84	NR	800	2	NR	930	0	NR
415	18	NR	545	408	NR	675	69	NR	805	1	NR	935	0	NR
420	31	NR	550	405	NR	680	59	NR	810	1	NR	940	0	NR
425	54	NR	555	404	NR	685	51	NR	815	1	NR	945	0	NR
430	98	NR	560	400	NR	690	44	NR	820	1	NR	950	0	NR
435	179	NR	565	394	NR	695	38	NR	825	1	NR	955	0	NR
440	314	NR	570	386	NR	700	32	NR	830	1	NR	960	0	NR
445	557	NR	575	378	NR	705	28	NR	835	1	NR	965	0	NR
450	898	NR	580	370	NR	710	24	NR	840	1	NR	970	0	NR
455	970	NR	585	361	NR	715	20	NR	845	0	NR	975	0	NR
460	692	NR	590	351	NR	720	17	NR	850	0	NR	980	0	NR
465	510	NR	595	337	NR	725	15	NR	855	0	NR	985	0	NR
470	411	NR	600	326	NR	730	13	NR	860	0	NR	990	0	NR
475	313	NR	605	316	NR	735	11	NR	865	0	NR	995	0	NR
480	262	NR	610	328	NR	740	9	NR	870	0	NR	1000	0	NR
485	261	NR	615	331	NR	745	8	NR	875	0	NR			

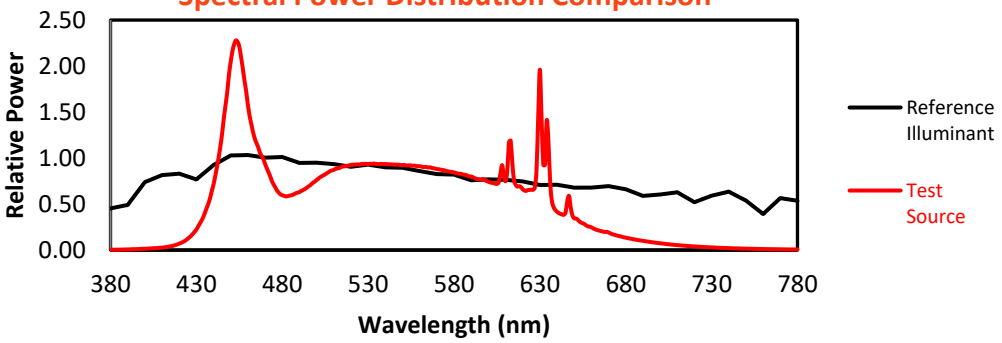
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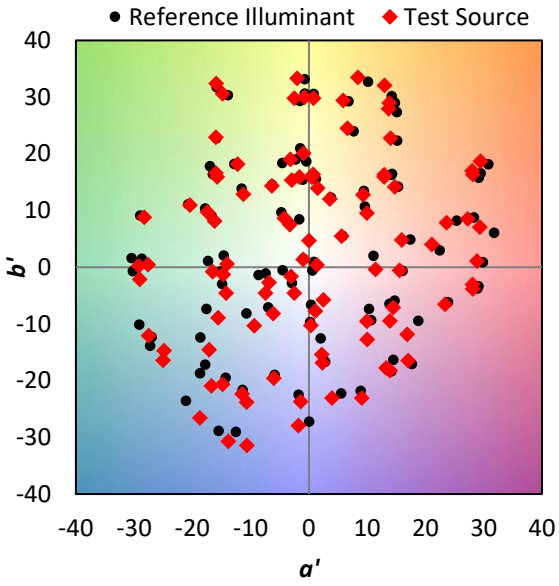
Summary

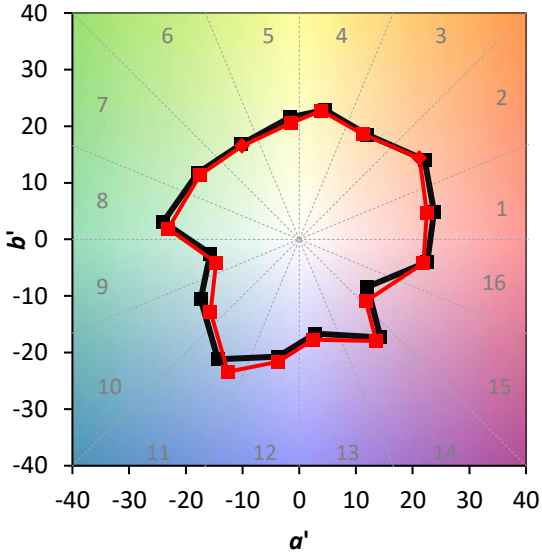
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R_g = 97.8
CIE R_a = 93.3
R_9 = 71.5

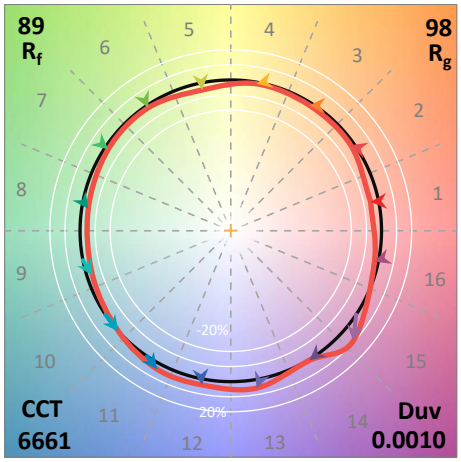
Spectral Power Distribution Comparison

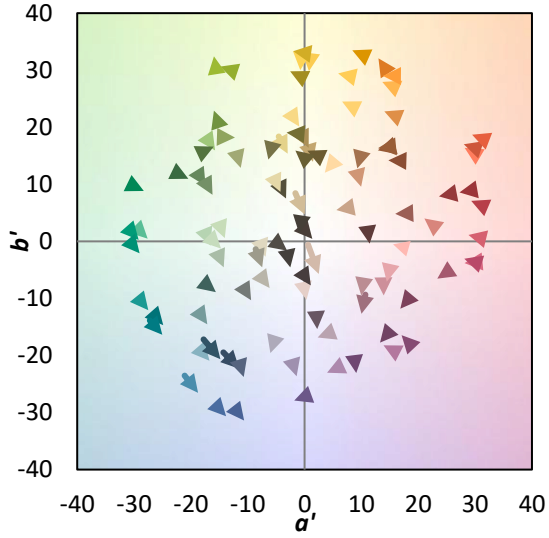


Color Vector Graphics







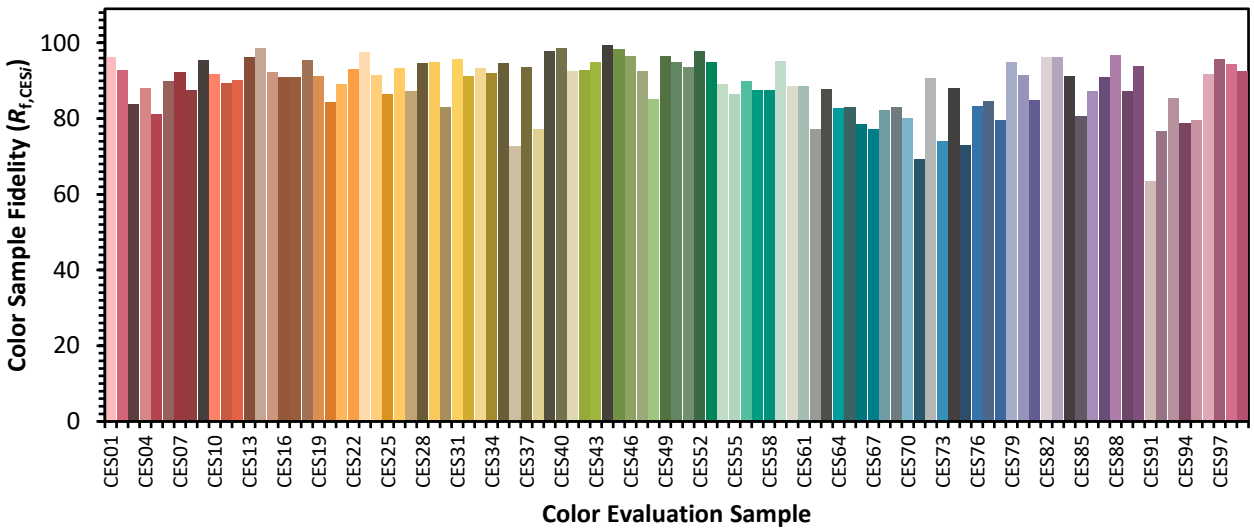


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Individual Sample Fidelity Index ($R_{f,i}$)

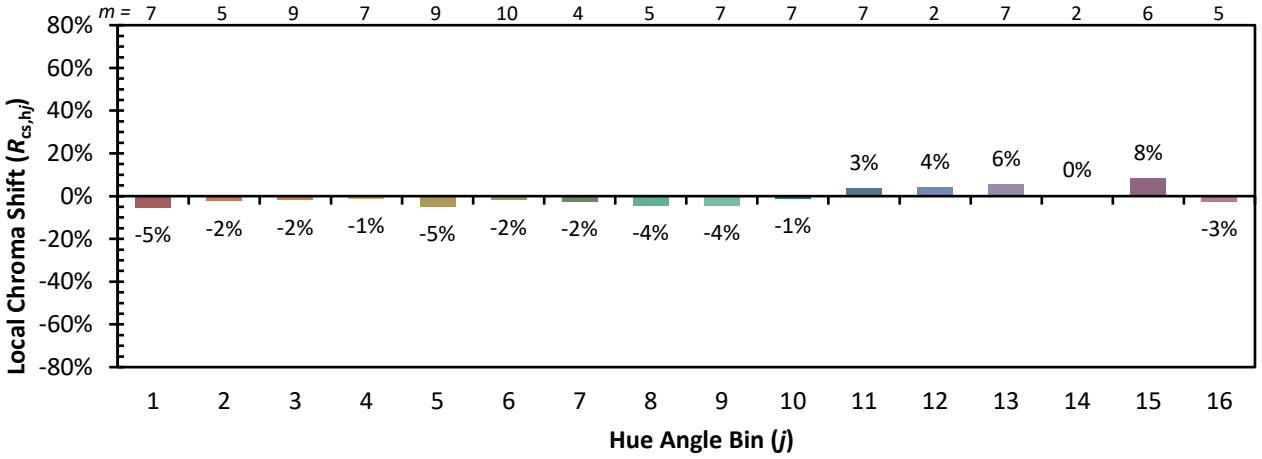
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CES02 = 60	CES27 = 87	CES52 = 98	CES77 = 85
CES03 = 31	CES28 = 95	CES53 = 95	CES78 = 80
CES04 = 68	CES29 = 95	CES54 = 89	CES79 = 95
CES05 = 47	CES30 = 83	CES55 = 86	CES80 = 91
CES06 = 49	CES31 = 96	CES56 = 90	CES81 = 85
CES07 = 40	CES32 = 91	CES57 = 87	CES82 = 96
CES08 = 39	CES33 = 93	CES58 = 88	CES83 = 96
CES09 = 29	CES34 = 92	CES59 = 95	CES84 = 91
CES10 = 72	CES35 = 95	CES60 = 89	CES85 = 81
CES11 = 55	CES36 = 73	CES61 = 89	CES86 = 87
CES12 = 61	CES37 = 94	CES62 = 77	CES87 = 91
CES13 = 42	CES38 = 77	CES63 = 88	CES88 = 97
CES14 = 74	CES39 = 98	CES64 = 83	CES89 = 87
CES15 = 70	CES40 = 99	CES65 = 83	CES90 = 94
CES16 = 46	CES41 = 92	CES66 = 78	CES91 = 63
CES17 = 48	CES42 = 93	CES67 = 77	CES92 = 77
CES18 = 55	CES43 = 95	CES68 = 82	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 83	CES94 = 79
CES20 = 64	CES45 = 98	CES70 = 80	CES95 = 80
CES21 = 84	CES46 = 96	CES71 = 69	CES96 = 92
CES22 = 76	CES47 = 93	CES72 = 91	CES97 = 96
CES23 = 91	CES48 = 85	CES73 = 74	CES98 = 94
CES24 = 89	CES49 = 96	CES74 = 88	CES99 = 92
CES25 = 70	CES50 = 95	CES75 = 73	

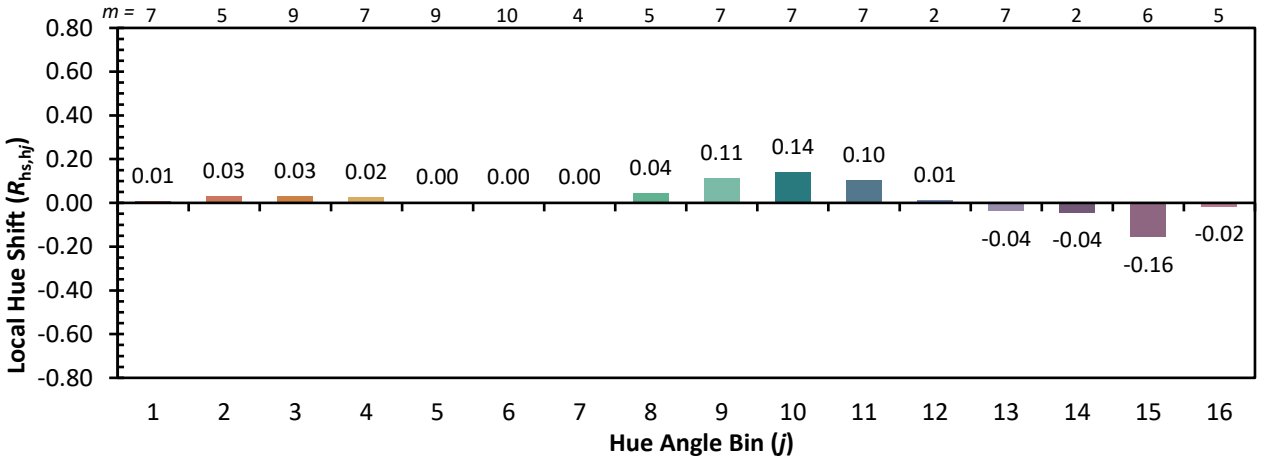


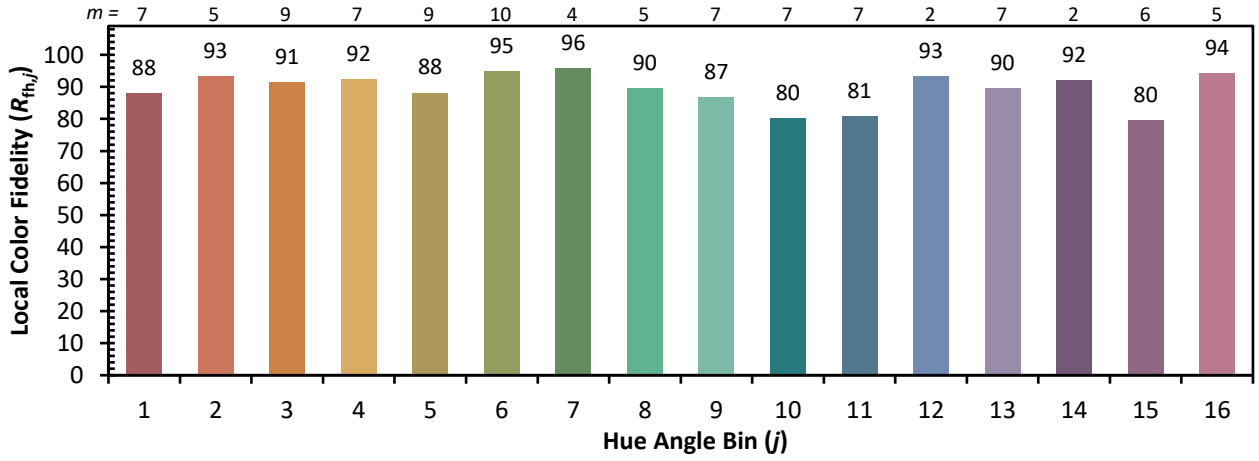
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Color Rendition by Hue-Angle Bin



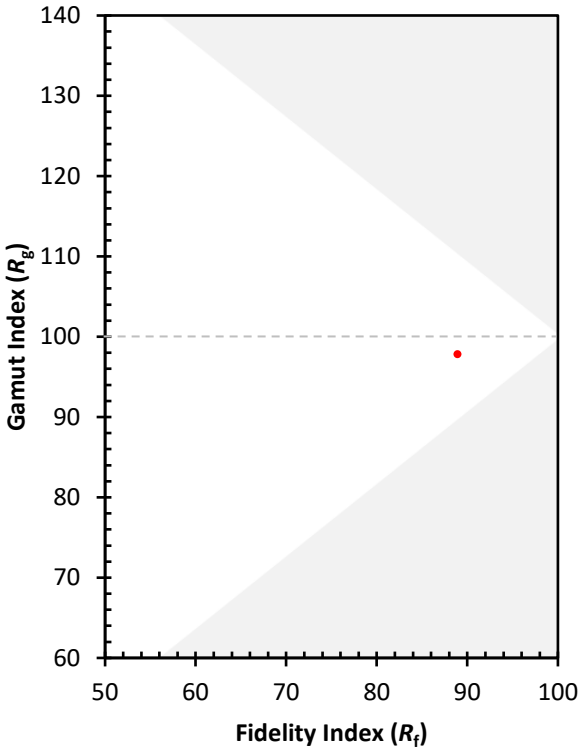


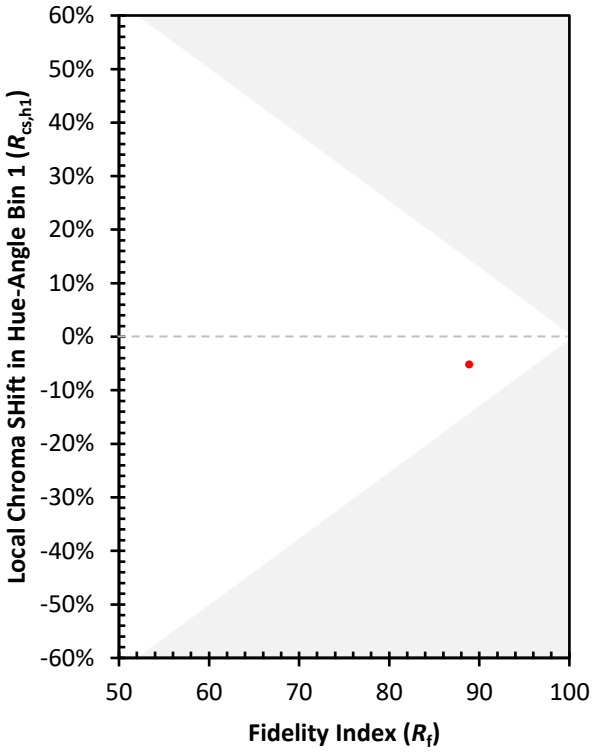


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Measure Comparisons





(END OF REPORT)