Signify Classified - Internal

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: P1559299

Luminaire Tested: 24CGTX-45-B2750-W2D-3000K

Issue Date: 9/2/2026

Report Generated By 670265710 / DESKTOP-98SHLC4

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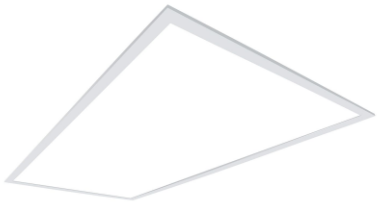
Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559299
	TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2505-441-1)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	9/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	24CGTX-45-B2750-W2D-3000K
Description:	2X4 4500 LUMEN CGTX TROFFER WITH BIO UP LEDS AT 3000K CCT WITH FROSTED SMOOTH l
Light Source:	3000K CCT, 80 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4633.0 lumens
Efficiency:	N/A
Efficacy:	111.1 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):	41.7
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

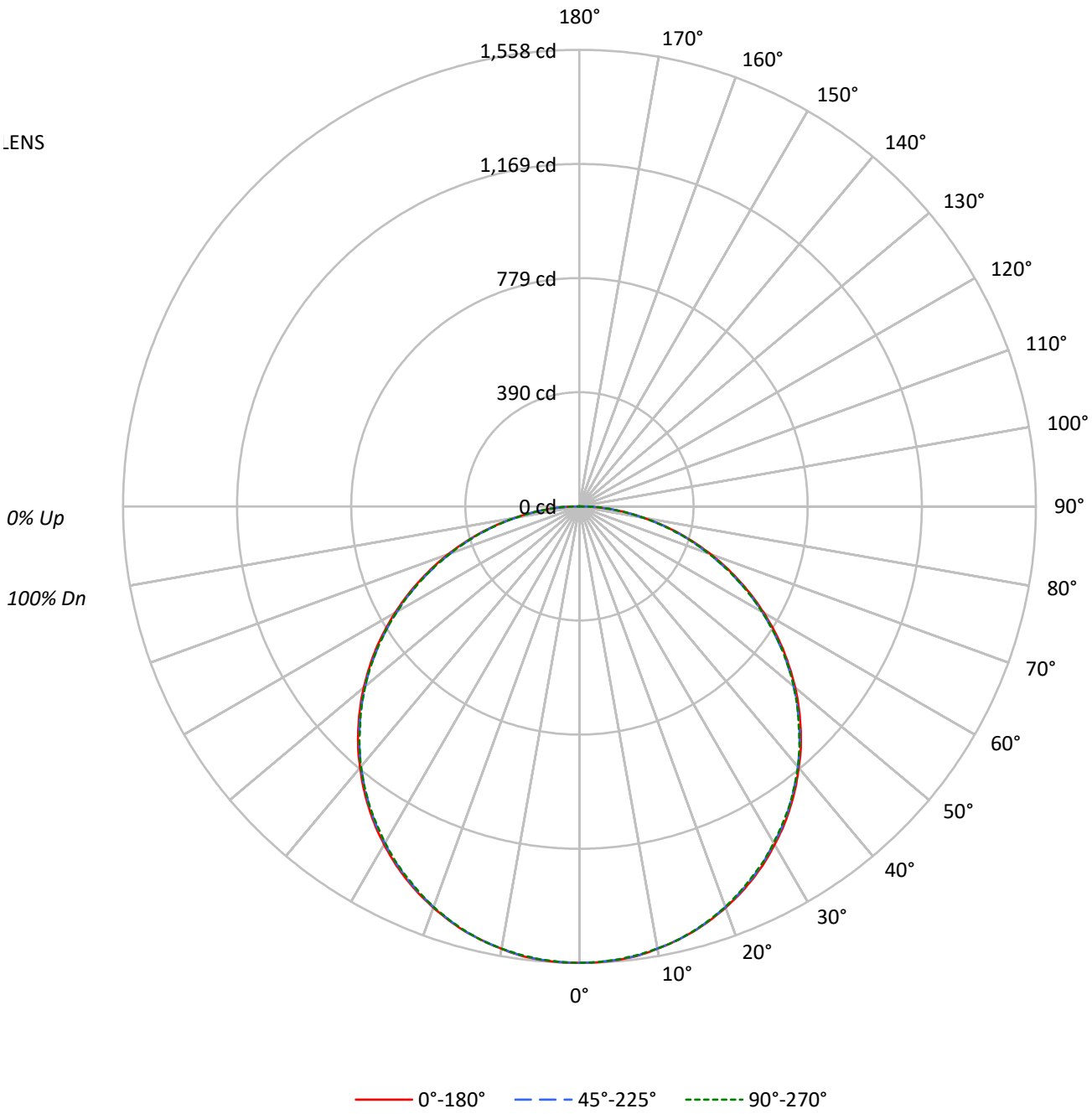


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Scaled Data Report

TEST NUMBER: P1559299
CATALOG NUMBER: 24CGTX-45-B2750-W2D-3000K

Luminous Intensity Polar Plot



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TEST NUMBER: P1559299
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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	105	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	61	68	64	59	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	39	37
7	64	50	41	35	62	50	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	41	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2096	2096	2096
5°	2098	2096	2095
10°	2095	2094	2094
15°	2094	2092	2091
20°	2087	2084	2083
25°	2081	2075	2071
30°	2071	2063	2060
35°	2060	2052	2051
40°	2046	2037	2037
45°	2031	2020	2015
50°	2012	1998	1998
55°	1988	1969	1972
60°	1955	1936	1936
65°	1918	1893	1897
70°	1872	1837	1845
75°	1814	1784	1784
80°	1706	1698	1691
85°	1609	1593	1609

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2031 cd/sqm

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Scaled Data Report

TEST NUMBER: P1559299
CATALOG NUMBER: 24CGTX-45-B2750-W2D-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.5	3.2
10°-20°	423.4	9.1
20°-30°	643.7	13.9
30°-40°	780.8	16.9
40°-50°	818.2	17.7
50°-60°	750.7	16.2
60°-70°	589.4	12.7
70°-80°	363.2	7.8
80°-90°	116.2	2.5
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°	1214.6	26.2
0°-40°	1995.4	43.1
0°-60°	3564.2	76.9
0°-90°	4633.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4633.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1558	1558	1558	1558	1558	
5°	1553	1547	1552	1553	1551	148
15°	1503	1496	1502	1502	1501	424
25°	1402	1393	1398	1397	1395	646
35°	1254	1246	1249	1246	1248	785
45°	1068	1060	1062	1058	1059	824
55°	847	842	840	836	840	757
65°	603	598	595	592	596	596
75°	349	346	343	340	343	367
85°	104	107	103	100	104	116
90°	0	0	0	0	0	

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Scaled Data Report

TEST NUMBER: P1559299
CATALOG NUMBER: 24CGTX-45-B2750-W2D-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*1558.1*	*1558.1*	*1558.1*	*1558.1*	*1558.1*
2.5°	*1557.1*	1550.2	1556.1	1556.1	1556.1
5°	*1553.2*	1547.3	1552.2	1553.2	1551.2
7.5°	*1546.3*	1540.4	1545.3	1545.3	1543.3
10°	*1533.5*	1527.6	1532.5	1533.5	1532.5
12.5°	*1518.8*	1512.9	1518.8	1519.7	1519.7
15°	*1503.0*	1496.2	1502.0	1502.0	1501.1
17.5°	*1481.4*	1474.5	1479.4	1479.4	1479.4
20°	*1457.8*	1450.9	1455.8	1455.8	1454.9
22.5°	*1431.3*	1423.4	1428.3	1427.3	1426.4
25°	*1401.8*	1392.9	1397.8	1396.9	1394.9
27.5°	*1369.3*	1361.5	1364.4	1362.5	1363.4
30°	*1333.0*	1325.1	1328.1	1325.1	1326.1
32.5°	*1295.6*	1286.8	1290.7	1287.8	1287.8
35°	*1254.3*	1245.5	1249.4	1245.5	1248.4
37.5°	*1211.1*	1202.2	1205.2	1203.2	1205.2
40°	*1164.9*	1157.0	1160.0	1156.0	1160.0
42.5°	*1118.7*	1110.8	1111.8	1107.9	1111.8
45°	*1067.6*	1059.7	1061.7	1057.7	1058.7
47.5°	*1015.5*	1008.6	1008.6	1004.6	1008.6
50°	*961.4*	954.5	954.5	950.6	954.5
52.5°	*904.4*	898.5	898.5	893.6	898.5
55°	*847.4*	841.5	839.5	836.5	840.5
57.5°	*787.4*	781.5	779.5	776.6	780.5
60°	*726.4*	721.5	719.6	715.6	719.6
62.5°	*665.5*	659.6	657.6	654.7	657.6
65°	*602.6*	597.7	594.7	591.8	595.7
67.5°	*539.7*	534.8	530.8	528.9	532.8
70°	*475.8*	470.9	466.9	465.9	468.9
72.5°	*411.9*	409.9	405.0	403.0	406.0
75°	*349.0*	346.0	343.1	340.1	343.1
77.5°	*283.1*	286.1	280.2	279.2	281.1
80°	*220.2*	224.1	219.2	217.2	218.2
82.5°	*161.2*	164.2	158.3	156.3	160.2
85°	*104.2*	107.1	103.2	100.3	104.2
87.5°	*50.1*	54.1	52.1	54.1	58.0
90°	*0.0*	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 24CGTX-45-B2750-W2D-3000K

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	14.55	16.22	14.92	16.53	16.85	14.50	16.17	14.87	16.48	16.80
	3H	16.51	18.02	16.89	18.35	18.71	16.45	17.96	16.82	18.29	18.65
	4H	17.30	18.72	17.69	19.07	19.44	17.22	18.65	17.62	18.99	19.37
	6H	17.91	19.23	18.32	19.60	19.99	17.83	19.16	18.24	19.52	19.91
	8H	18.13	19.39	18.55	19.78	20.18	18.05	19.31	18.47	19.70	20.10
	12H	18.29	19.50	18.72	19.88	20.31	18.21	19.42	18.64	19.80	20.23
4H	2H	15.22	16.65	15.62	16.99	17.37	15.18	16.61	15.58	16.96	17.33
	3H	17.41	18.61	17.82	19.01	19.41	17.35	18.55	17.76	18.95	19.35
	4H	18.33	19.42	18.76	19.83	20.27	18.26	19.35	18.69	19.76	20.20
	6H	19.09	20.05	19.55	20.49	20.94	19.01	19.97	19.46	20.41	20.86
	8H	19.37	20.27	19.83	20.71	21.17	19.28	20.18	19.74	20.62	21.09
	12H	19.59	20.40	20.07	20.87	21.34	19.50	20.31	19.98	20.78	21.25
8H	4H	18.69	19.59	19.15	20.03	20.49	18.63	19.52	19.09	19.97	20.43
	6H	19.60	20.35	20.09	20.83	21.31	19.52	20.27	20.01	20.75	21.23
	8H	19.97	20.64	20.47	21.14	21.63	19.88	20.55	20.38	21.05	21.54
	12H	20.28	20.88	20.79	21.37	21.93	20.18	20.78	20.69	21.27	21.83
12H	4H	18.74	19.55	19.22	20.02	20.49	18.68	19.49	19.16	19.96	20.43
	6H	19.68	20.35	20.18	20.85	21.34	19.60	20.28	20.11	20.78	21.26
	8H	20.11	20.71	20.62	21.20	21.76	20.03	20.62	20.53	21.11	21.67

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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: SP1-2510-581-7-R2

Test Date: 02/03/2026

Luminaire Tested: 24CGTX-45-B2750-W2D-3000K

Data in this report applies to families of products including 24CGTX-45-UNV

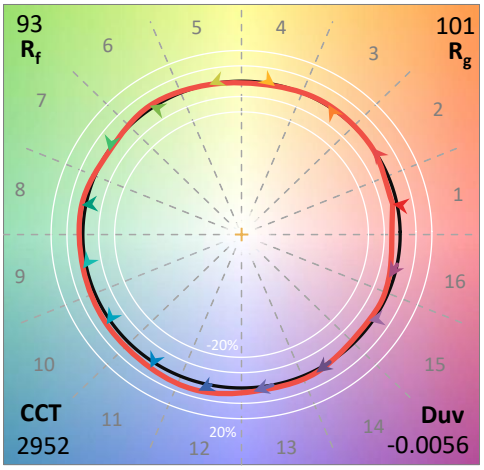
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Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2510-581-7-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:	**24CGTX-45-B2750-W2D-3000K**
Description:	*THIS IS A REVISION OF REPORT SP1-2510-581-7-R2 TO UPDATE THE CATALOG INFORMATION* 2X4 CGTX 4500 lumen with BioUp Boards - 3000K

Spectral Parameters

CCT (K):	2952	CRI (Ra):	93.5		
CIE u':	0.2542	R1:	95.6	R9:	82.5
CIE v':	0.5145	R2:	94.7	R10:	90.6
Duv:	-0.0056	R3:	96.0	R11:	92.8
CIE x:	0.4322	R4:	97.3	R12:	84.0
CIE y:	0.3888	R5:	94.8	R13:	94.8
CIE z:	0.1790	R6:	87.8	R14:	98.9
Peak Wavelength (nm):	630	R7:	91.5	R15:	98.9
Dominant Wavelength (nm):	585	R8:	90.6		
Purity:	46.40923				
Rf:	93.3				
Rg:	101.3				



Test Conditions

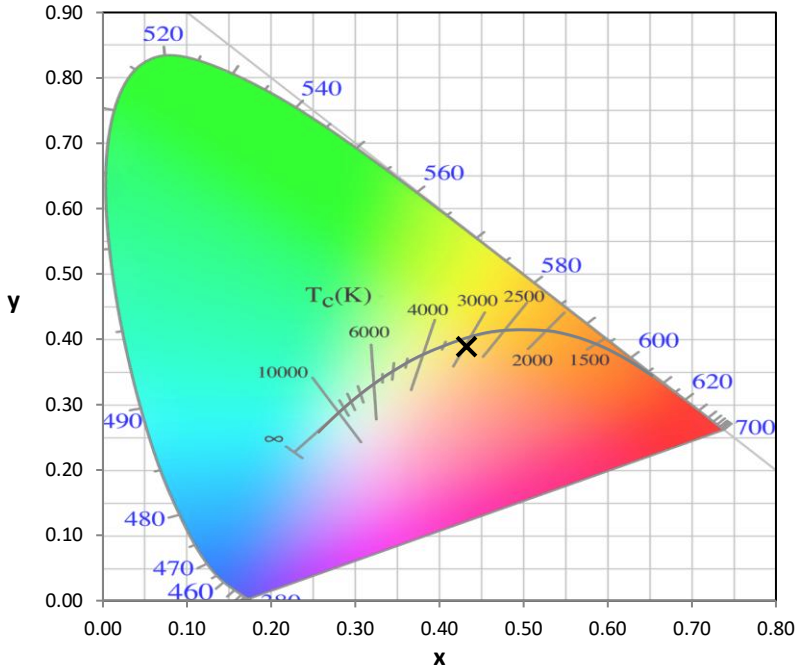
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2510-581-7-R2

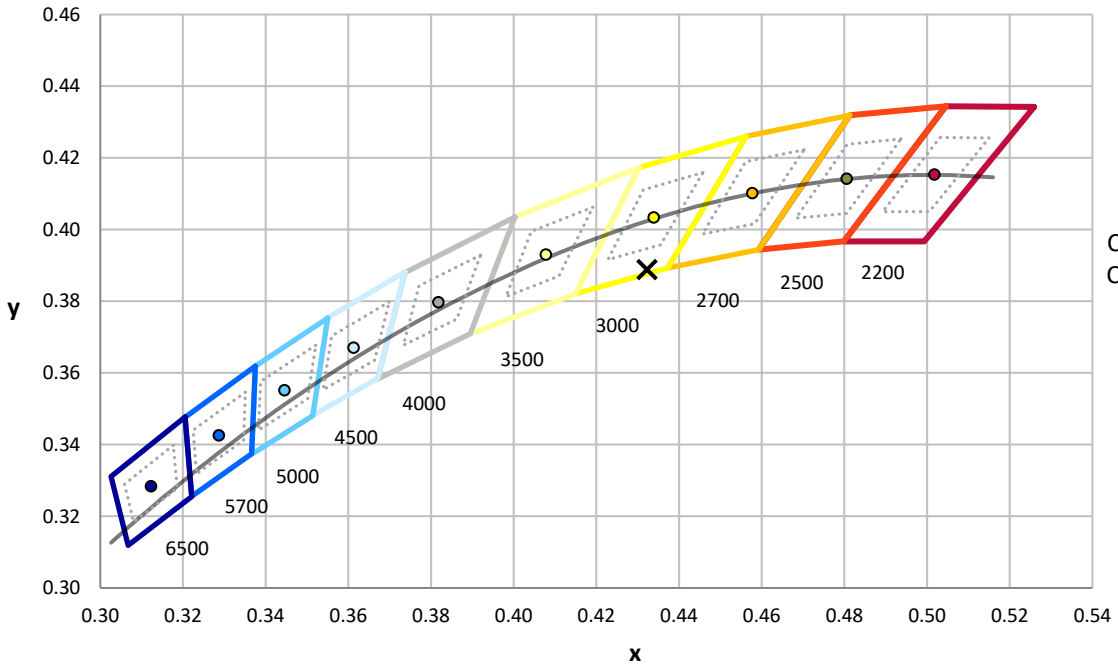
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

REPORT NUMBER: SP1-2510-581-7-R2

CIE 1931 Chromaticity Diagram



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

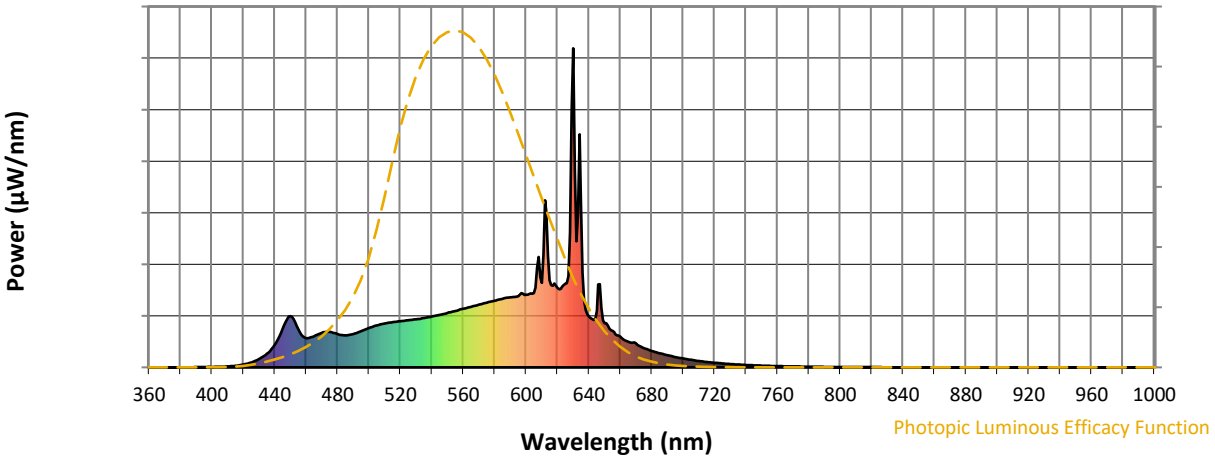


CCT = 2952K
CIE x = 0.4322
CIE y = 0.3888
Duv = -0.0056

Point lies inside the ANSI 3000K 7-step quadrangle

REPORT NUMBER: SP1-2510-581-7-R2

Photopic Flux vs. Wavelength

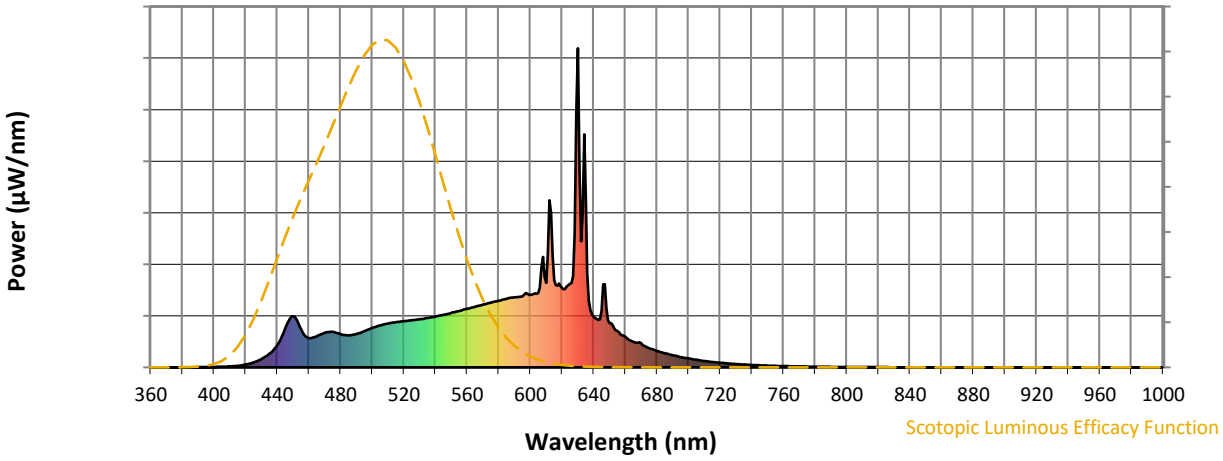


Photopic Lumens: NR

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	104	NR	620	249	NR	750	5	NR	880	0	NR
365	0	NR	495	113	NR	625	262	NR	755	5	NR	885	0	NR
370	0	NR	500	123	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	131	NR	635	519	NR	765	3	NR	895	0	NR
380	0	NR	510	137	NR	640	160	NR	770	3	NR	900	0	NR
385	0	NR	515	141	NR	645	177	NR	775	2	NR	905	0	NR
390	1	NR	520	145	NR	650	138	NR	780	2	NR	910	0	NR
395	1	NR	525	147	NR	655	114	NR	785	2	NR	915	0	NR
400	1	NR	530	151	NR	660	96	NR	790	2	NR	920	0	NR
405	2	NR	535	155	NR	665	80	NR	795	1	NR	925	0	NR
410	3	NR	540	159	NR	670	75	NR	800	1	NR	930	0	NR
415	5	NR	545	165	NR	675	60	NR	805	1	NR	935	0	NR
420	9	NR	550	171	NR	680	52	NR	810	1	NR	940	0	NR
425	15	NR	555	176	NR	685	44	NR	815	1	NR	945	0	NR
430	26	NR	560	184	NR	690	38	NR	820	1	NR	950	0	NR
435	43	NR	565	190	NR	695	32	NR	825	1	NR	955	0	NR
440	70	NR	570	197	NR	700	28	NR	830	1	NR	960	0	NR
445	121	NR	575	203	NR	705	24	NR	835	0	NR	965	0	NR
450	160	NR	580	209	NR	710	20	NR	840	0	NR	970	0	NR
455	120	NR	585	215	NR	715	17	NR	845	0	NR	975	0	NR
460	91	NR	590	220	NR	720	14	NR	850	0	NR	980	0	NR
465	98	NR	595	223	NR	725	12	NR	855	0	NR	985	0	NR
470	108	NR	600	228	NR	730	10	NR	860	0	NR	990	0	NR
475	111	NR	605	233	NR	735	9	NR	865	0	NR	995	0	NR
480	104	NR	610	265	NR	740	8	NR	870	0	NR	1000	0	NR
485	100	NR	615	273	NR	745	6	NR	875	0	NR			

REPORT NUMBER: SP1-2510-581-7-R2

Scotopic Flux vs. Wavelength

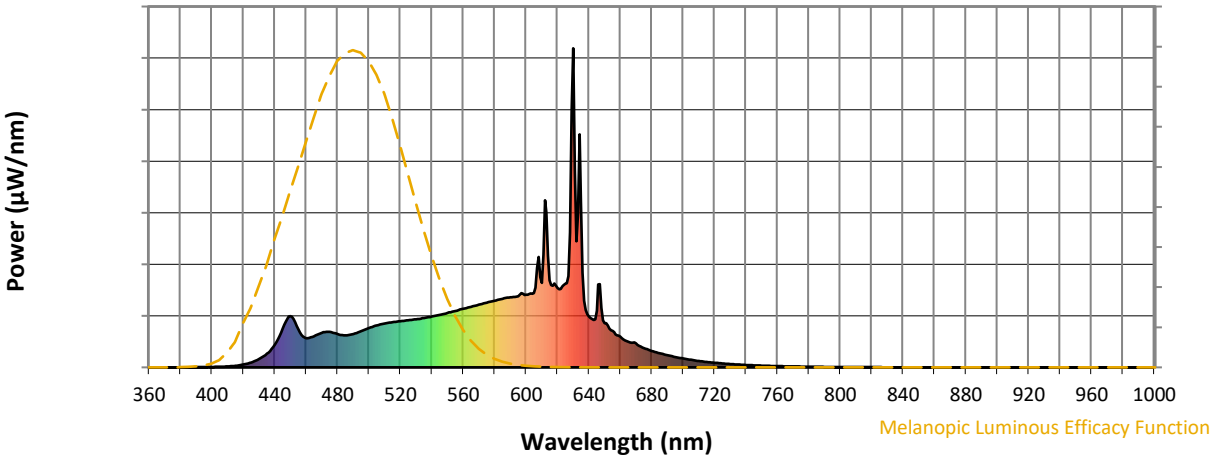


Scotopic Lumens: NR **S/P: 1.53**

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	104	NR	620	249	NR	750	5	NR	880	0	NR
365	0	NR	495	113	NR	625	262	NR	755	5	NR	885	0	NR
370	0	NR	500	123	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	131	NR	635	519	NR	765	3	NR	895	0	NR
380	0	NR	510	137	NR	640	160	NR	770	3	NR	900	0	NR
385	0	NR	515	141	NR	645	177	NR	775	2	NR	905	0	NR
390	1	NR	520	145	NR	650	138	NR	780	2	NR	910	0	NR
395	1	NR	525	147	NR	655	114	NR	785	2	NR	915	0	NR
400	1	NR	530	151	NR	660	96	NR	790	2	NR	920	0	NR
405	2	NR	535	155	NR	665	80	NR	795	1	NR	925	0	NR
410	3	NR	540	159	NR	670	75	NR	800	1	NR	930	0	NR
415	5	NR	545	165	NR	675	60	NR	805	1	NR	935	0	NR
420	9	NR	550	171	NR	680	52	NR	810	1	NR	940	0	NR
425	15	NR	555	176	NR	685	44	NR	815	1	NR	945	0	NR
430	26	NR	560	184	NR	690	38	NR	820	1	NR	950	0	NR
435	43	NR	565	190	NR	695	32	NR	825	1	NR	955	0	NR
440	70	NR	570	197	NR	700	28	NR	830	1	NR	960	0	NR
445	121	NR	575	203	NR	705	24	NR	835	0	NR	965	0	NR
450	160	NR	580	209	NR	710	20	NR	840	0	NR	970	0	NR
455	120	NR	585	215	NR	715	17	NR	845	0	NR	975	0	NR
460	91	NR	590	220	NR	720	14	NR	850	0	NR	980	0	NR
465	98	NR	595	223	NR	725	12	NR	855	0	NR	985	0	NR
470	108	NR	600	228	NR	730	10	NR	860	0	NR	990	0	NR
475	111	NR	605	233	NR	735	9	NR	865	0	NR	995	0	NR
480	104	NR	610	265	NR	740	8	NR	870	0	NR	1000	0	NR
485	100	NR	615	273	NR	745	6	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.12**

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	104	NR	620	249	NR	750	5	NR	880	0	NR
365	0	NR	495	113	NR	625	262	NR	755	5	NR	885	0	NR
370	0	NR	500	123	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	131	NR	635	519	NR	765	3	NR	895	0	NR
380	0	NR	510	137	NR	640	160	NR	770	3	NR	900	0	NR
385	0	NR	515	141	NR	645	177	NR	775	2	NR	905	0	NR
390	1	NR	520	145	NR	650	138	NR	780	2	NR	910	0	NR
395	1	NR	525	147	NR	655	114	NR	785	2	NR	915	0	NR
400	1	NR	530	151	NR	660	96	NR	790	2	NR	920	0	NR
405	2	NR	535	155	NR	665	80	NR	795	1	NR	925	0	NR
410	3	NR	540	159	NR	670	75	NR	800	1	NR	930	0	NR
415	5	NR	545	165	NR	675	60	NR	805	1	NR	935	0	NR
420	9	NR	550	171	NR	680	52	NR	810	1	NR	940	0	NR
425	15	NR	555	176	NR	685	44	NR	815	1	NR	945	0	NR
430	26	NR	560	184	NR	690	38	NR	820	1	NR	950	0	NR
435	43	NR	565	190	NR	695	32	NR	825	1	NR	955	0	NR
440	70	NR	570	197	NR	700	28	NR	830	1	NR	960	0	NR
445	121	NR	575	203	NR	705	24	NR	835	0	NR	965	0	NR
450	160	NR	580	209	NR	710	20	NR	840	0	NR	970	0	NR
455	120	NR	585	215	NR	715	17	NR	845	0	NR	975	0	NR
460	91	NR	590	220	NR	720	14	NR	850	0	NR	980	0	NR
465	98	NR	595	223	NR	725	12	NR	855	0	NR	985	0	NR
470	108	NR	600	228	NR	730	10	NR	860	0	NR	990	0	NR
475	111	NR	605	233	NR	735	9	NR	865	0	NR	995	0	NR
480	104	NR	610	265	NR	740	8	NR	870	0	NR	1000	0	NR
485	100	NR	615	273	NR	745	6	NR	875	0	NR			

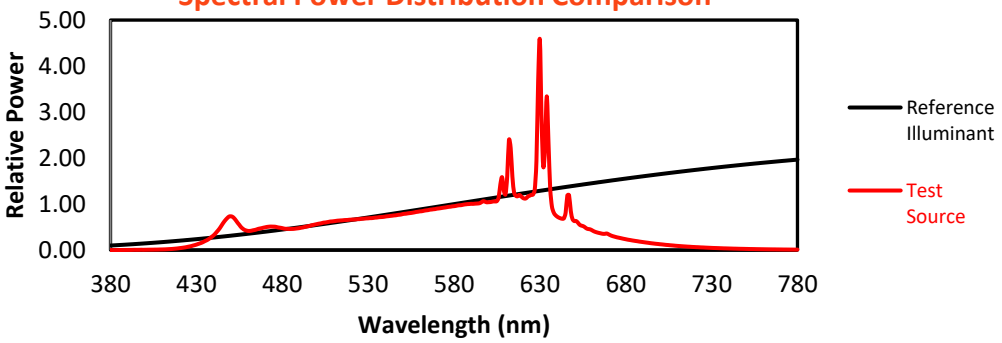
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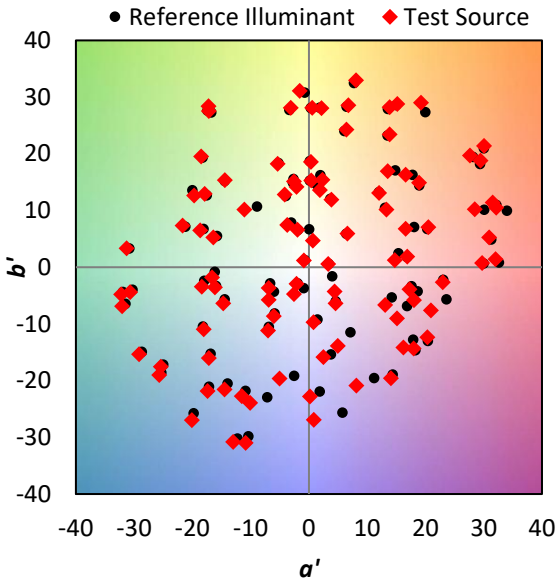
Summary

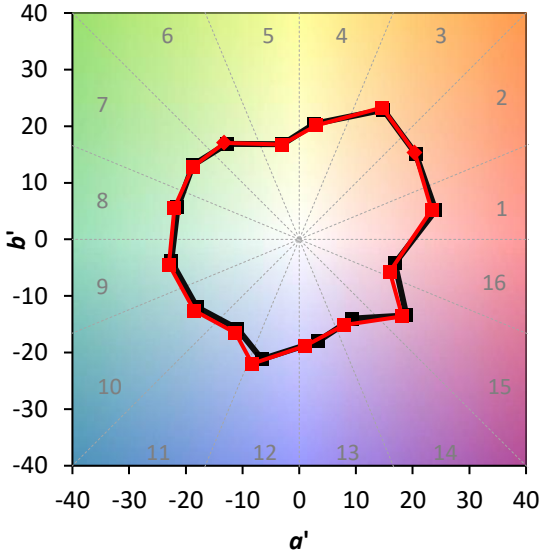
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R_g = 101.3
CIE R_a = 93.5
R_9 = 82.5

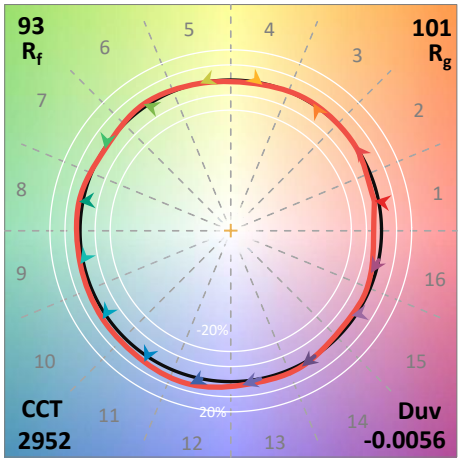
Spectral Power Distribution Comparison

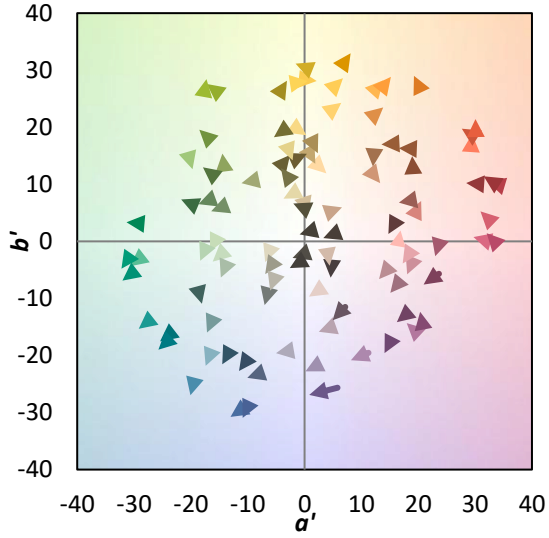


Color Vector Graphics







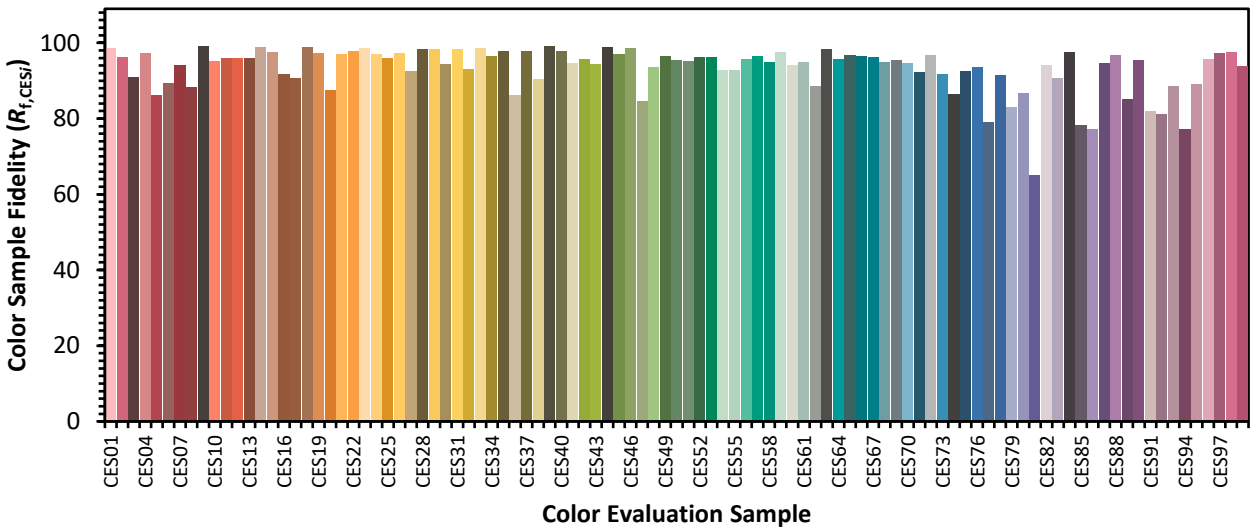


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Individual Sample Fidelity Index ($R_{f,i}$)

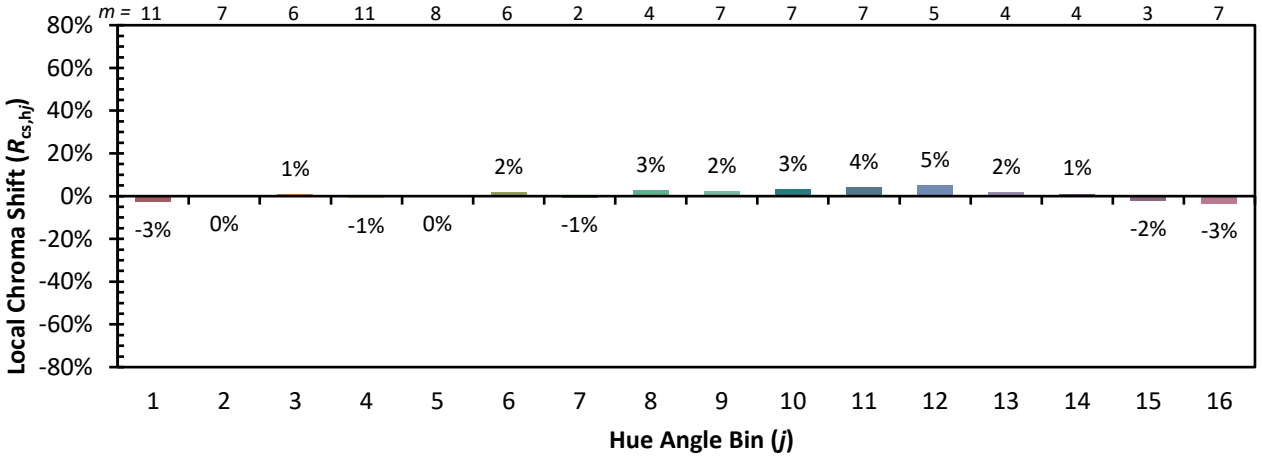
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CES02 = 64	CES27 = 92	CES52 = 96	CES77 = 79
CES03 = 32	CES28 = 98	CES53 = 96	CES78 = 92
CES04 = 70	CES29 = 98	CES54 = 93	CES79 = 83
CES05 = 51	CES30 = 94	CES55 = 93	CES80 = 87
CES06 = 51	CES31 = 98	CES56 = 96	CES81 = 65
CES07 = 44	CES32 = 93	CES57 = 96	CES82 = 94
CES08 = 43	CES33 = 99	CES58 = 95	CES83 = 91
CES09 = 29	CES34 = 97	CES59 = 98	CES84 = 98
CES10 = 76	CES35 = 98	CES60 = 94	CES85 = 78
CES11 = 59	CES36 = 86	CES61 = 95	CES86 = 77
CES12 = 65	CES37 = 98	CES62 = 89	CES87 = 95
CES13 = 44	CES38 = 90	CES63 = 98	CES88 = 97
CES14 = 74	CES39 = 99	CES64 = 96	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 97	CES90 = 95
CES16 = 48	CES41 = 95	CES66 = 96	CES91 = 82
CES17 = 50	CES42 = 96	CES67 = 96	CES92 = 81
CES18 = 57	CES43 = 94	CES68 = 95	CES93 = 88
CES19 = 72	CES44 = 99	CES69 = 95	CES94 = 77
CES20 = 68	CES45 = 97	CES70 = 95	CES95 = 89
CES21 = 86	CES46 = 99	CES71 = 92	CES96 = 96
CES22 = 79	CES47 = 85	CES72 = 97	CES97 = 97
CES23 = 91	CES48 = 94	CES73 = 92	CES98 = 98
CES24 = 90	CES49 = 97	CES74 = 86	CES99 = 94
CES25 = 71	CES50 = 95	CES75 = 92	

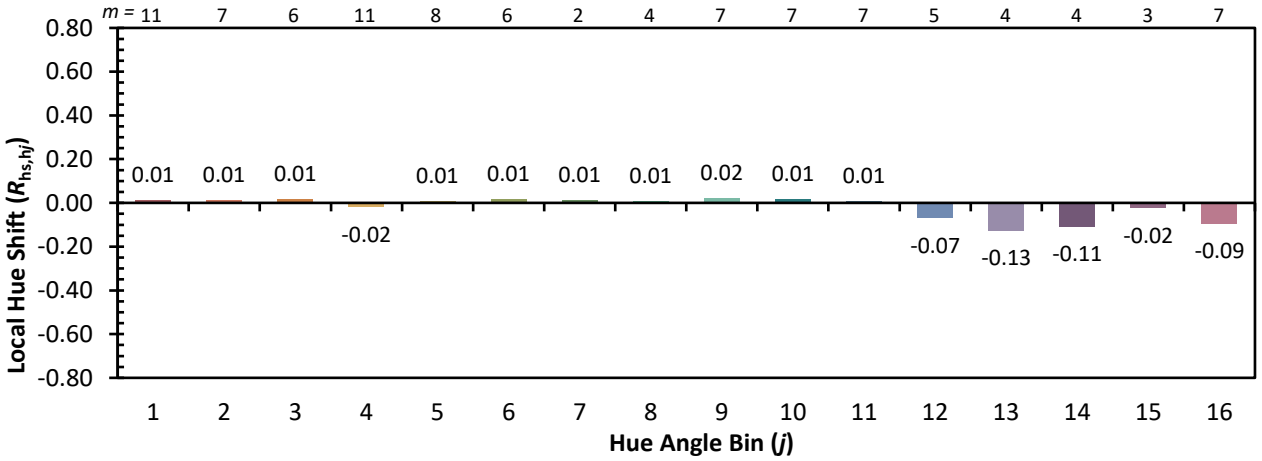


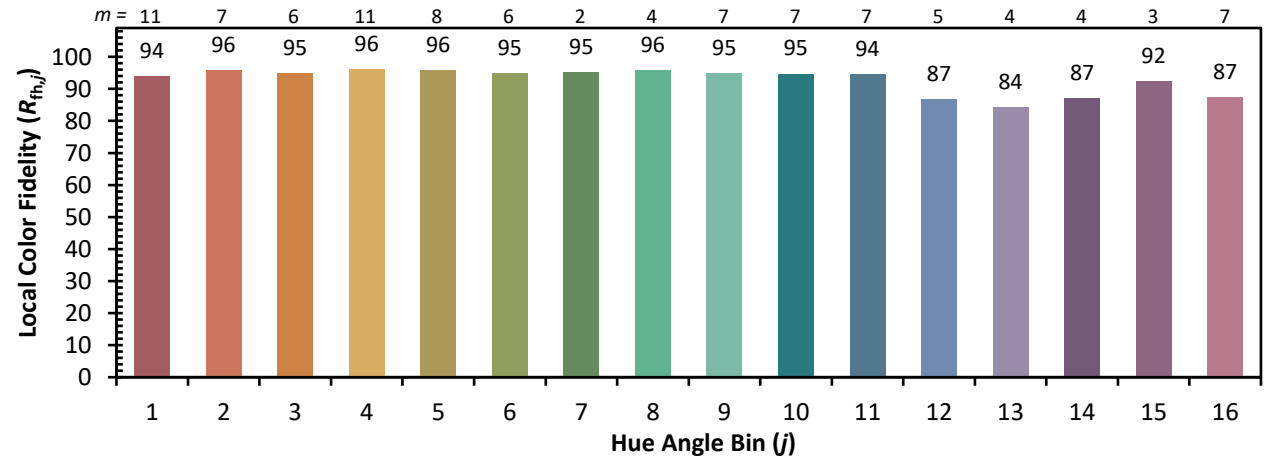
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Color Rendition by Hue-Angle Bin



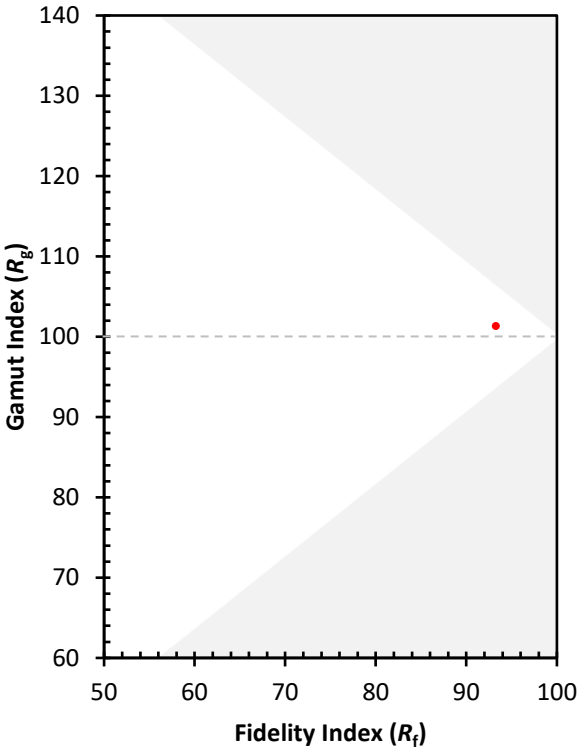


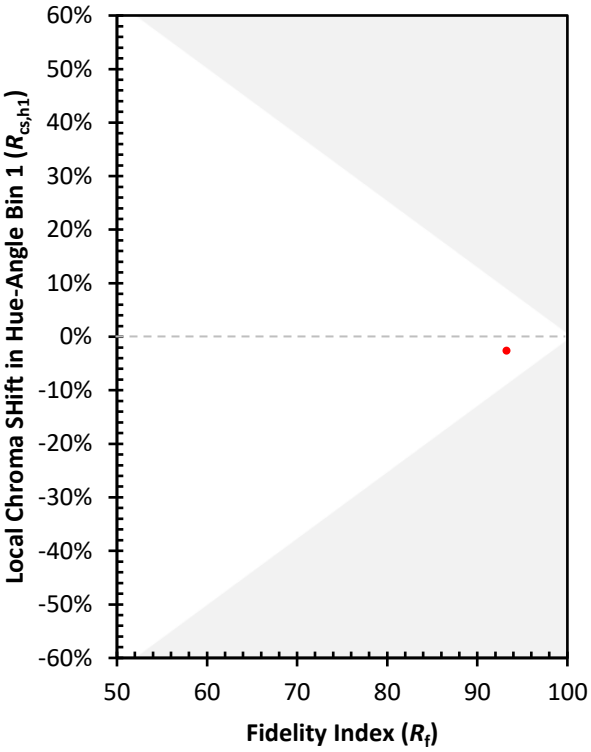


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Measure Comparisons





(END OF REPORT)