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: P981633

Luminaire Tested: 4PWM-2060C5-845-MEDIUMLOW

Issue Date: 01/28/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P981633
Test Lab:	INNOVATION CENTER(P3)
Issue Date:	01/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	4PWM-2060C5-845-MEDIUMLOW
Description:	METALUX 8.75 INCH PROWRAP 80CRI 4500K FIXTURE MEDIUM-LOW OUTPUT SETTING
Light Source:	4500K CCT, 80+ CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3210.9 lumens
Efficiency:	N/A
Efficacy:	139.0 lumens/watt
Spacing Criteria (0/90/45):	1.25 / 1.32 / 1.44
Luminous Opening:	Rectangular w/ Sides (W: 0.73' x L: 3.76' x H: 0.19')
CIE Type:	Semi-Direct

Input Watts (W):	23.1
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:	28.75 FT

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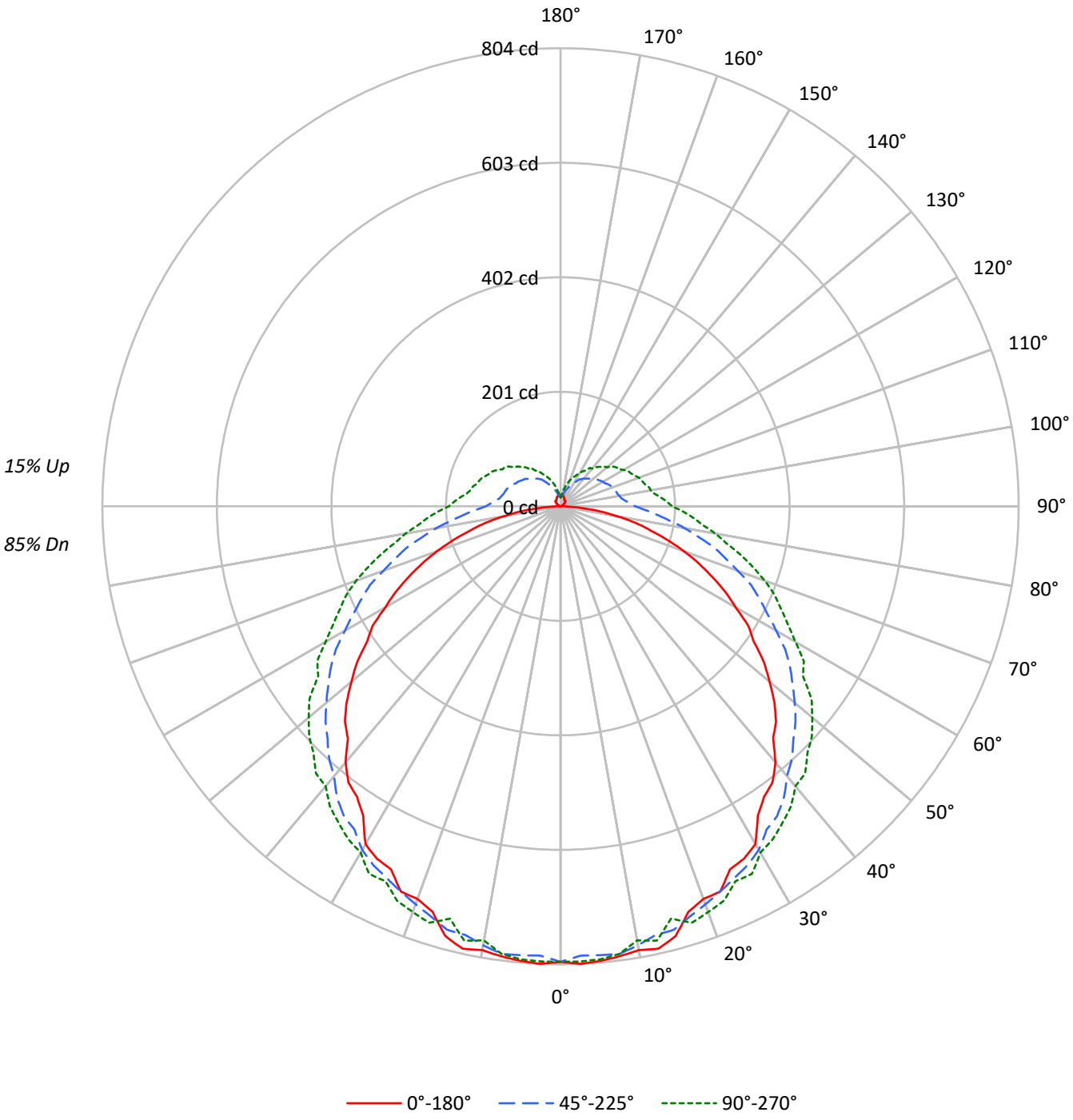
TEST NUMBER: P981633
CATALOG NUMBER: 4PWM-2060C5-845-MEDIUMLOW

Luminous Intensity Polar Plot



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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	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	85
1	103	98	93	88	99	94	90	85	87	83	80	81	78	75	75	72	70	67
2	93	84	77	70	89	81	74	68	75	69	64	69	65	61	64	61	57	54
3	84	73	64	57	81	70	62	56	65	59	53	61	55	50	56	52	48	45
4	77	64	55	48	73	62	54	47	58	50	45	54	47	43	50	45	40	38
5	71	57	48	41	67	55	47	40	51	44	38	48	42	37	45	39	35	32
6	65	51	42	35	62	50	41	35	46	39	33	43	37	32	40	35	30	28
7	60	46	37	31	57	45	36	30	42	35	29	39	33	28	37	31	27	25
8	56	42	33	27	53	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	29	24	35	28	23	33	27	22	31	26	21	19
10	49	35	27	22	47	34	27	22	32	26	21	31	24	20	29	23	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3135	3135	3135
5°	3139	3055	3073
10°	3122	3000	2947
15°	3128	2952	2846
20°	3006	2875	2892
25°	2974	2831	2806
30°	3013	2801	2767
35°	2880	2755	2754
40°	2883	2678	2701
45°	2826	2635	2703
50°	2757	2600	2693
55°	2643	2567	2597
60°	2564	2492	2584
65°	2471	2441	2556
70°	2320	2376	2562
75°	2094	2336	2525
80°	1797	2242	2538
85°	1235	2195	2680

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 90°
Luminance: 2986 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	2.4
10°-20°	217.4	6.8
20°-30°	334.9	10.4
30°-40°	412.9	12.9
40°-50°	445.9	13.9
50°-60°	431.3	13.4
60°-70°	372.2	11.6
70°-80°	278.2	8.7
80°-90°	173.6	5.4
90°-100°	114.3	3.6
100°-110°	96.7	3.0
110°-120°	82.6	2.6
120°-130°	66.1	2.1
130°-140°	48.9	1.5
140°-150°	32.3	1.0
150°-160°	18.0	0.6
160°-170°	7.8	0.2
170°-180°	1.8	0.1
0°-30°	628.2	19.6
0°-40°	1041.1	32.4
0°-60°	1918.3	59.7
0°-90°	2742.3	85.4
90°-120°	293.6	9.1
90°-150°	440.9	13.7
90°-180°	469.0	14.6
0°-180°	3210.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	800	800	800	800	800	
5°	801	807	791	798	798	76
15°	781	771	769	775	749	218
25°	703	720	720	752	726	328
35°	623	638	663	687	679	394
45°	535	545	578	613	613	411
55°	414	442	492	525	519	374
65°	295	331	385	431	427	291
75°	164	213	279	319	326	175
85°	43	99	170	221	234	48
90°	0	60	131	186	196	2
95°	0	49	114	165	177	1
105°	1	48	101	140	152	2
115°	4	45	92	125	137	4
125°	7	42	80	108	119	7
135°	12	39	69	91	98	9
145°	13	30	58	72	76	8
155°	16	24	40	53	58	7
165°	19	20	26	33	37	5
175°	20	20	19	16	20	2
180°	16	16	16	16	16	

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TEST NUMBER: P981633
CATALOG NUMBER: 4PWM-2060C5-845-MEDIUMLOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	799.5	799.5	799.5	799.5	799.5
2.5°	803.8	808.1	789.4	799.5	799.5
5°	801.0	806.7	790.9	798.1	798.1
7.5°	796.6	789.4	792.3	806.7	792.3
10°	790.9	788.0	782.3	801.0	773.6
12.5°	795.2	772.2	770.8	789.4	780.8
15°	780.8	770.8	769.3	775.1	749.2
17.5°	746.3	752.1	754.9	766.4	766.4
20°	733.4	744.9	743.4	757.8	757.8
22.5°	731.9	730.5	731.9	749.2	749.2
25°	703.2	720.4	720.4	752.1	726.2
27.5°	697.4	703.2	710.4	730.5	727.6
30°	684.5	677.3	696.0	713.2	701.7
32.5°	644.2	654.3	673.0	701.7	693.1
35°	622.6	638.5	662.9	687.4	678.7
37.5°	611.1	618.3	644.2	674.4	664.3
40°	586.7	592.4	618.3	648.5	641.3
42.5°	552.2	572.3	601.1	631.3	635.6
45°	534.9	545.0	578.1	612.6	612.6
47.5°	509.0	513.4	559.4	593.9	598.2
50°	478.8	494.7	536.4	572.3	576.6
52.5°	450.1	463.0	513.4	547.9	555.1
55°	414.1	441.5	491.8	524.9	519.1
57.5°	391.1	409.8	467.3	506.2	506.2
60°	355.2	385.4	437.1	478.8	476.0
62.5°	326.4	353.7	409.8	455.8	450.1
65°	294.8	330.7	385.4	431.4	427.1
67.5°	263.1	297.7	362.4	401.2	406.9
70°	230.1	270.3	330.7	373.9	381.1
72.5°	197.0	238.7	303.4	349.4	353.7
75°	163.9	212.8	279.0	319.2	326.4
77.5°	135.2	182.6	247.3	289.0	297.7
80°	102.1	152.4	221.4	267.5	276.1
82.5°	71.9	126.5	192.7	238.7	251.6
85°	43.1	99.2	169.7	221.4	234.4
87.5°	17.3	76.2	149.5	204.2	215.7
90°	0.0	60.4	130.9	185.5	195.6
92.5°	0.0	51.8	122.2	171.1	186.9
95°	0.0	48.9	113.6	165.4	176.9
97.5°	0.0	47.5	107.8	153.9	166.8
100°	1.4	47.5	105.0	146.7	161.1
102.5°	1.4	47.5	102.1	143.8	158.2
105°	1.4	47.5	100.7	139.5	152.4
107.5°	1.4	46.0	99.2	136.6	149.5
110°	2.9	47.5	97.8	133.7	146.7

TEST NUMBER: P981633
CATALOG NUMBER: 4PWM-2060C5-845-MEDIUMLOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	*46.0*	94.9	129.4	140.9
115°	4.3	*44.6*	92.0	125.1	136.6
117.5°	4.3	*44.6*	87.7	122.2	133.7
120°	5.8	*43.1*	86.3	116.5	128.0
122.5°	7.2	*44.6*	83.4	112.2	120.8
125°	7.2	*41.7*	80.5	107.8	119.4
127.5°	8.6	*41.7*	79.1	103.5	115.0
130°	10.1	*40.3*	74.8	100.7	106.4
132.5°	11.5	*38.8*	71.9	94.9	103.5
135°	11.5	*38.8*	69.0	90.6	97.8
137.5°	12.9	*35.9*	66.1	86.3	93.5
140°	12.9	*34.5*	63.3	80.5	86.3
142.5°	12.9	*33.1*	60.4	77.7	84.8
145°	12.9	*30.2*	57.5	71.9	76.2
147.5°	12.9	*28.8*	51.8	67.6	73.3
150°	14.4	*27.3*	47.5	63.3	67.6
152.5°	14.4	*25.9*	43.1	57.5	61.8
155°	15.8	*24.4*	40.3	53.2	57.5
157.5°	15.8	*23.0*	34.5	50.3	53.2
160°	17.3	*21.6*	31.6	44.6	48.9
162.5°	18.7	*21.6*	28.8	38.8	43.1
165°	18.7	*20.1*	25.9	33.1	37.4
167.5°	18.7	*20.1*	23.0	27.3	33.1
170°	18.7	*20.1*	20.1	23.0	27.3
172.5°	18.7	*18.7*	20.1	18.7	23.0
175°	20.1	*20.1*	18.7	15.8	20.1
177.5°	20.1	*18.7*	17.3	14.4	15.8
180°	15.8	*15.8*	15.8	15.8	15.8

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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	13.3	14.7	13.8	15.3	15.9	15.3	16.8	15.9	17.3	18.0
	3H	15.0	16.3	15.6	16.9	17.5	17.8	19.1	18.4	19.7	20.4
	4H	15.6	16.8	16.2	17.4	18.1	19.0	20.2	19.6	20.8	21.5
	6H	16.0	17.1	16.6	17.7	18.5	20.1	21.3	20.7	21.9	22.6
	8H	16.1	17.2	16.7	17.8	18.5	20.7	21.8	21.3	22.4	23.2
	12H	16.1	17.2	16.8	17.8	18.6	21.3	22.4	22.0	23.0	23.8
4H	2H	14.3	15.5	14.9	16.1	16.8	15.8	17.1	16.4	17.7	18.4
	3H	16.2	17.2	16.8	17.9	18.6	18.5	19.6	19.2	20.2	20.9
	4H	16.9	17.9	17.6	18.5	19.3	19.9	20.8	20.5	21.5	22.2
	6H	17.5	18.3	18.1	19.0	19.8	21.2	22.1	21.9	22.7	23.5
	8H	17.6	18.4	18.3	19.1	19.9	21.9	22.7	22.6	23.4	24.2
	12H	17.7	18.4	18.4	19.1	19.9	22.7	23.4	23.3	24.1	24.9
8H	4H	17.7	18.5	18.3	19.1	19.9	20.1	20.9	20.8	21.6	22.4
	6H	18.4	19.1	19.1	19.8	20.6	21.7	22.3	22.4	23.1	23.8
	8H	18.7	19.3	19.4	20.0	20.8	22.5	23.1	23.2	23.8	24.6
	12H	18.8	19.4	19.5	20.1	20.9	23.4	24.0	24.2	24.7	25.5
12H	4H	17.8	18.6	18.5	19.3	20.0	20.2	20.9	20.8	21.6	22.4
	6H	18.7	19.3	19.4	20.0	20.8	21.7	22.3	22.5	23.0	23.9
	8H	19.0	19.6	19.7	20.3	21.1	22.6	23.2	23.3	23.9	24.7

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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: SP3-2511-615-14

Test Date: 01/15/2026

Luminaire Tested: PW-S-6K-845-2nd

Data in this report applies to families of products including PW-S-6K*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

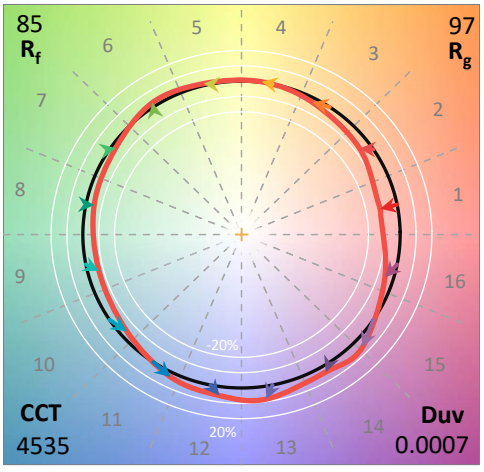
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-615-14
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	01/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**PW-S-6K-845-2nd**
Description:	8.75" Wrap 5 CCT 5 lumen select @6000lms (switch) @4500K 2nd Round

Spectral Parameters

CCT (K):	4535	CRI (Ra):	85.1		
CIE u':	0.2164	R1:	83.9	R9:	18.6
CIE v':	0.4929	R2:	90.0	R10:	75.8
Duv:	0.0007	R3:	94.1	R11:	84.2
CIE x:	0.3599	R4:	84.7	R12:	60.5
CIE y:	0.3644	R5:	83.8	R13:	85.6
CIE z:	0.2758	R6:	85.5	R14:	96.9
Peak Wavelength (nm):	451	R7:	88.4	R15:	78.5
Dominant Wavelength (nm):	576	R8:	70.0		
Purity:	17.31335				

Rf:	85
Rg:	96.9



Test Conditions

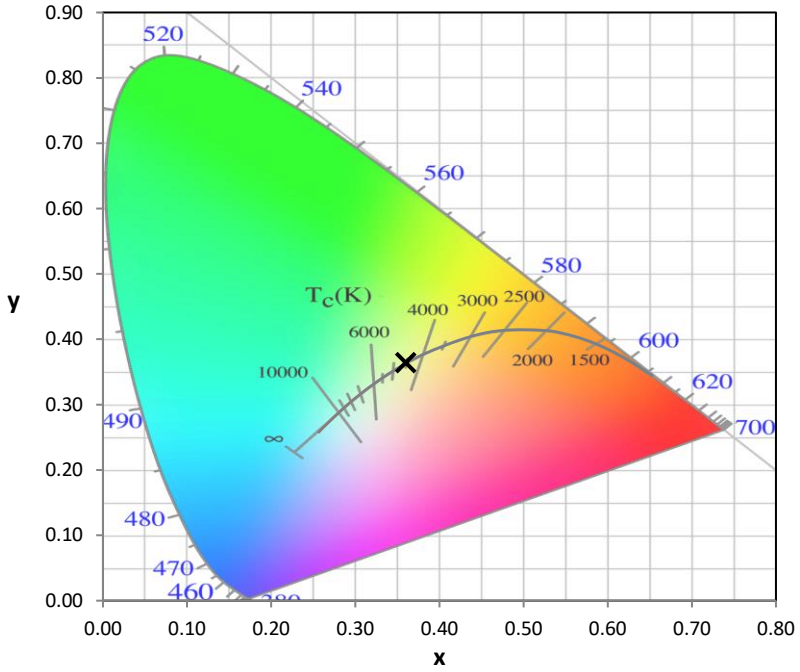
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-615-14

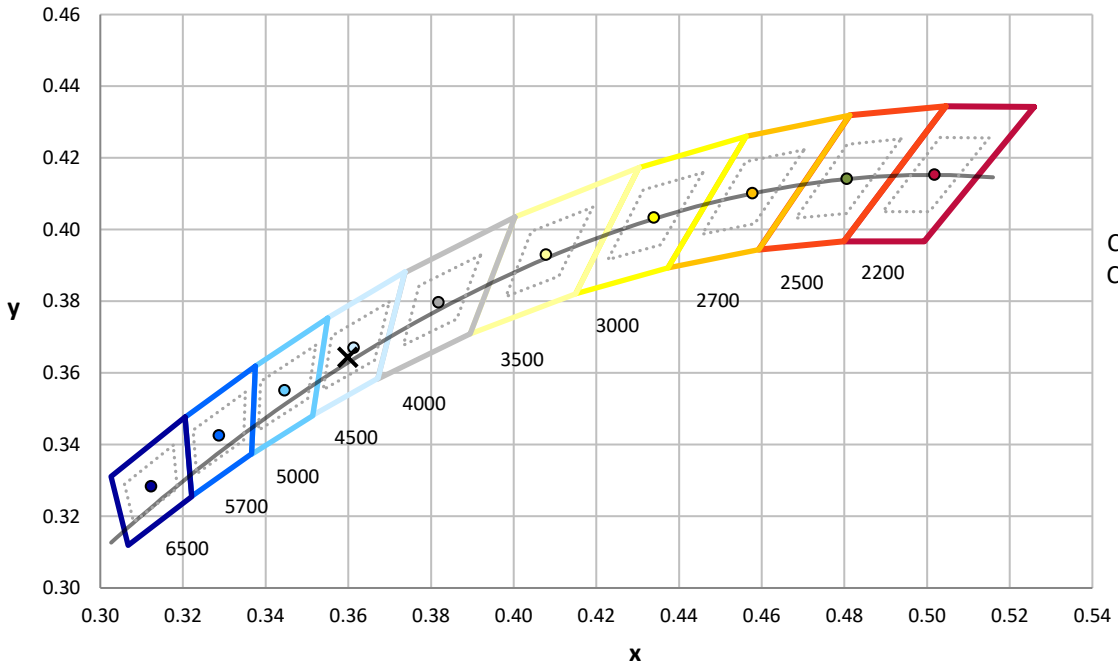
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

REPORT NUMBER: SP3-2511-615-14

CIE 1931 Chromaticity Diagram



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



CCT = 4535K
CIE x = 0.3599
CIE y = 0.3644
Duv = 0.0007

Point lies inside the ANSI 4500K 4-step quadrangle

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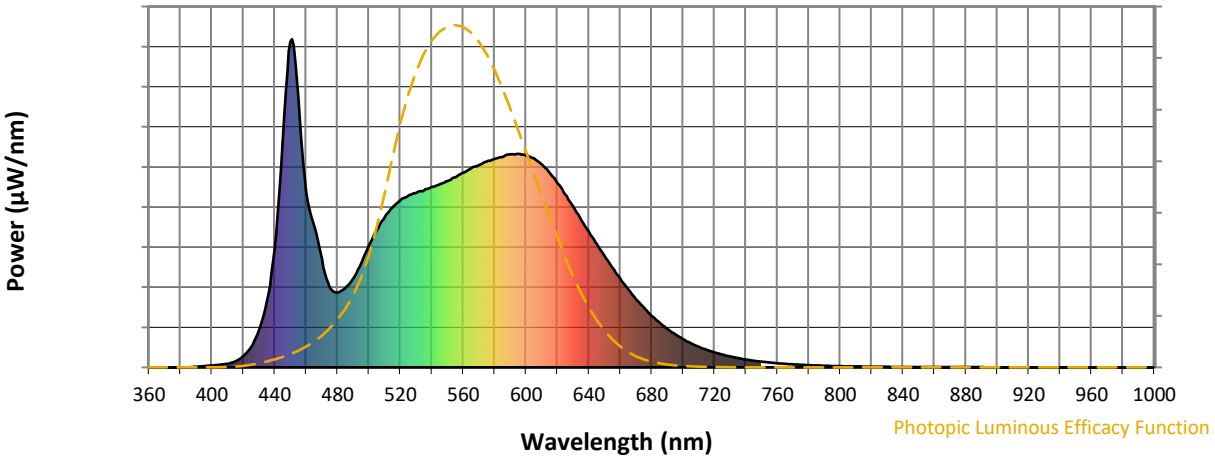
Photopic Flux vs. Wavelength



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	271	NR	620	561	NR	750	17	NR	880	1	NR
365	0	NR	495	316	NR	625	527	NR	755	15	NR	885	1	NR
370	0	NR	500	373	NR	630	489	NR	760	13	NR	890	1	NR
375	0	NR	505	417	NR	635	450	NR	765	11	NR	895	0	NR
380	0	NR	510	458	NR	640	413	NR	770	9	NR	900	0	NR
385	0	NR	515	487	NR	645	375	NR	775	8	NR	905	0	NR
390	2	NR	520	509	NR	650	340	NR	780	7	NR	910	0	NR
395	4	NR	525	522	NR	655	304	NR	785	6	NR	915	0	NR
400	6	NR	530	532	NR	660	270	NR	790	5	NR	920	0	NR
405	8	NR	535	540	NR	665	238	NR	795	4	NR	925	0	NR
410	11	NR	540	550	NR	670	208	NR	800	4	NR	930	0	NR
415	19	NR	545	558	NR	675	182	NR	805	3	NR	935	0	NR
420	34	NR	550	567	NR	680	157	NR	810	3	NR	940	0	NR
425	62	NR	555	579	NR	685	136	NR	815	2	NR	945	0	NR
430	113	NR	560	593	NR	690	117	NR	820	2	NR	950	0	NR
435	202	NR	565	607	NR	695	101	NR	825	2	NR	955	0	NR
440	361	NR	570	616	NR	700	86	NR	830	2	NR	960	0	NR
445	688	NR	575	627	NR	705	73	NR	835	1	NR	965	0	NR
450	992	NR	580	635	NR	710	63	NR	840	1	NR	970	0	NR
455	824	NR	585	641	NR	715	53	NR	845	1	NR	975	0	NR
460	538	NR	590	649	NR	720	46	NR	850	1	NR	980	0	NR
465	433	NR	595	651	NR	725	39	NR	855	1	NR	985	0	NR
470	331	NR	600	645	NR	730	33	NR	860	1	NR	990	0	NR
475	244	NR	605	638	NR	735	28	NR	865	1	NR	995	0	NR
480	228	NR	610	619	NR	740	24	NR	870	1	NR	1000	0	NR
485	242	NR	615	593	NR	745	20	NR	875	1	NR			

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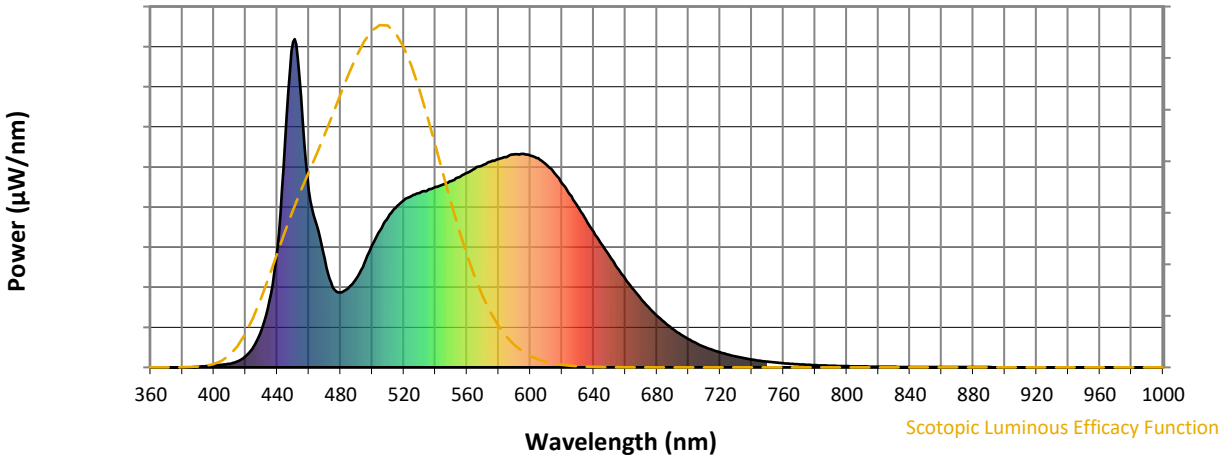
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.86**

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	271	NR	620	561	NR	750	17	NR	880	1	NR
365	0	NR	495	316	NR	625	527	NR	755	15	NR	885	1	NR
370	0	NR	500	373	NR	630	489	NR	760	13	NR	890	1	NR
375	0	NR	505	417	NR	635	450	NR	765	11	NR	895	0	NR
380	0	NR	510	458	NR	640	413	NR	770	9	NR	900	0	NR
385	0	NR	515	487	NR	645	375	NR	775	8	NR	905	0	NR
390	2	NR	520	509	NR	650	340	NR	780	7	NR	910	0	NR
395	4	NR	525	522	NR	655	304	NR	785	6	NR	915	0	NR
400	6	NR	530	532	NR	660	270	NR	790	5	NR	920	0	NR
405	8	NR	535	540	NR	665	238	NR	795	4	NR	925	0	NR
410	11	NR	540	550	NR	670	208	NR	800	4	NR	930	0	NR
415	19	NR	545	558	NR	675	182	NR	805	3	NR	935	0	NR
420	34	NR	550	567	NR	680	157	NR	810	3	NR	940	0	NR
425	62	NR	555	579	NR	685	136	NR	815	2	NR	945	0	NR
430	113	NR	560	593	NR	690	117	NR	820	2	NR	950	0	NR
435	202	NR	565	607	NR	695	101	NR	825	2	NR	955	0	NR
440	361	NR	570	616	NR	700	86	NR	830	2	NR	960	0	NR
445	688	NR	575	627	NR	705	73	NR	835	1	NR	965	0	NR
450	992	NR	580	635	NR	710	63	NR	840	1	NR	970	0	NR
455	824	NR	585	641	NR	715	53	NR	845	1	NR	975	0	NR
460	538	NR	590	649	NR	720	46	NR	850	1	NR	980	0	NR
465	433	NR	595	651	NR	725	39	NR	855	1	NR	985	0	NR
470	331	NR	600	645	NR	730	33	NR	860	1	NR	990	0	NR
475	244	NR	605	638	NR	735	28	NR	865	1	NR	995	0	NR
480	228	NR	610	619	NR	740	24	NR	870	1	NR	1000	0	NR
485	242	NR	615	593	NR	745	20	NR	875	1	NR			

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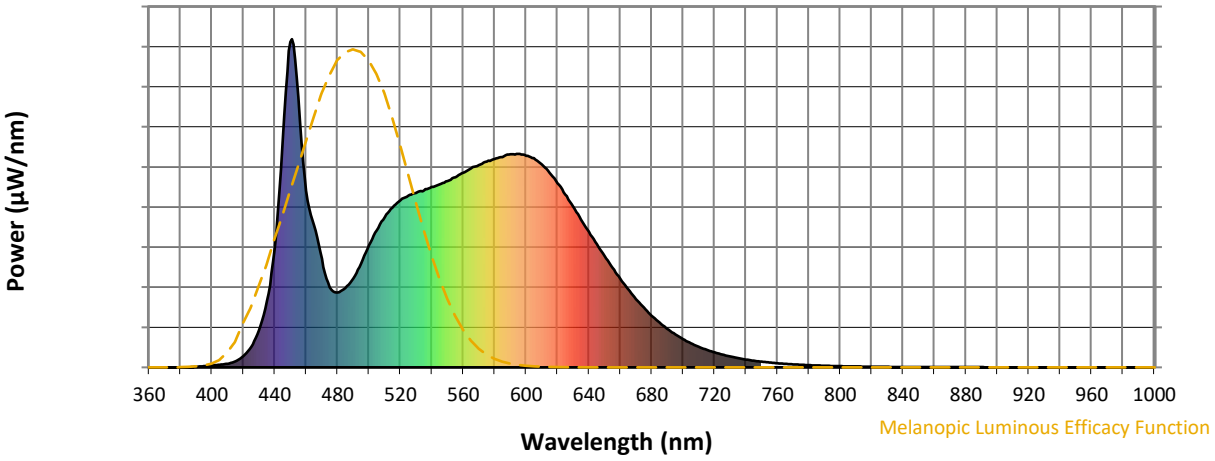
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.9**

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	271	NR	620	561	NR	750	17	NR	880	1	NR
365	0	NR	495	316	NR	625	527	NR	755	15	NR	885	1	NR
370	0	NR	500	373	NR	630	489	NR	760	13	NR	890	1	NR
375	0	NR	505	417	NR	635	450	NR	765	11	NR	895	0	NR
380	0	NR	510	458	NR	640	413	NR	770	9	NR	900	0	NR
385	0	NR	515	487	NR	645	375	NR	775	8	NR	905	0	NR
390	2	NR	520	509	NR	650	340	NR	780	7	NR	910	0	NR
395	4	NR	525	522	NR	655	304	NR	785	6	NR	915	0	NR
400	6	NR	530	532	NR	660	270	NR	790	5	NR	920	0	NR
405	8	NR	535	540	NR	665	238	NR	795	4	NR	925	0	NR
410	11	NR	540	550	NR	670	208	NR	800	4	NR	930	0	NR
415	19	NR	545	558	NR	675	182	NR	805	3	NR	935	0	NR
420	34	NR	550	567	NR	680	157	NR	810	3	NR	940	0	NR
425	62	NR	555	579	NR	685	136	NR	815	2	NR	945	0	NR
430	113	NR	560	593	NR	690	117	NR	820	2	NR	950	0	NR
435	202	NR	565	607	NR	695	101	NR	825	2	NR	955	0	NR
440	361	NR	570	616	NR	700	86	NR	830	2	NR	960	0	NR
445	688	NR	575	627	NR	705	73	NR	835	1	NR	965	0	NR
450	992	NR	580	635	NR	710	63	NR	840	1	NR	970	0	NR
455	824	NR	585	641	NR	715	53	NR	845	1	NR	975	0	NR
460	538	NR	590	649	NR	720	46	NR	850	1	NR	980	0	NR
465	433	NR	595	651	NR	725	39	NR	855	1	NR	985	0	NR
470	331	NR	600	645	NR	730	33	NR	860	1	NR	990	0	NR
475	244	NR	605	638	NR	735	28	NR	865	1	NR	995	0	NR
480	228	NR	610	619	NR	740	24	NR	870	1	NR	1000	0	NR
485	242	NR	615	593	NR	745	20	NR	875	1	NR			

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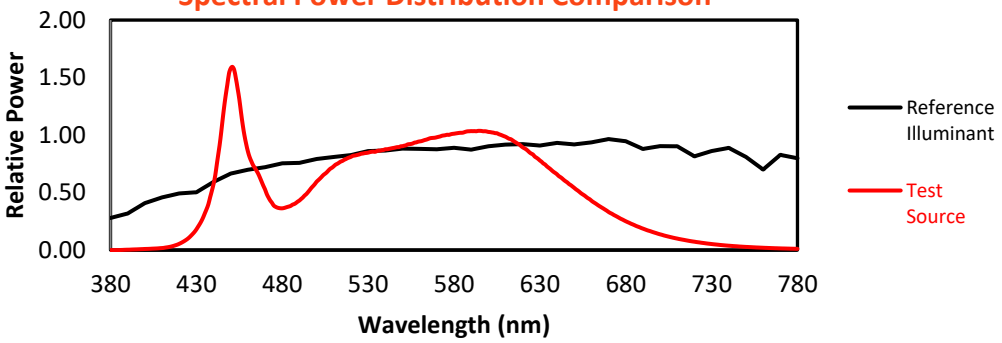
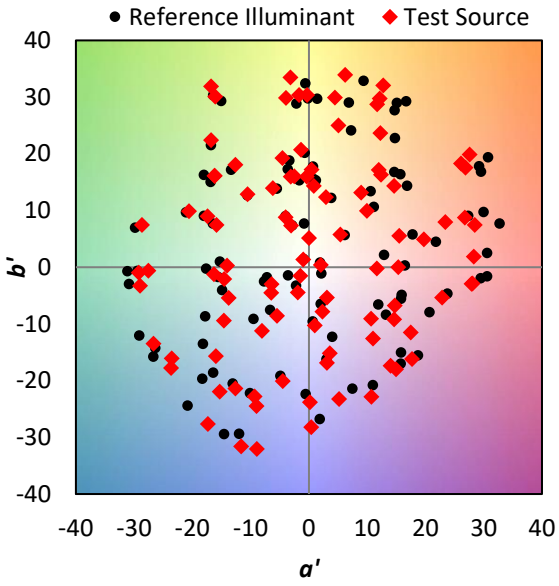
Summary

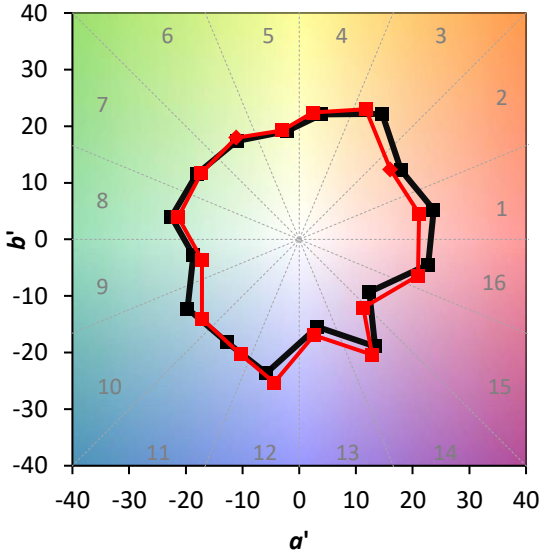
R_f = 85
R_g = 96.9
CIE R_a = 85.1
R_9 = 18.6

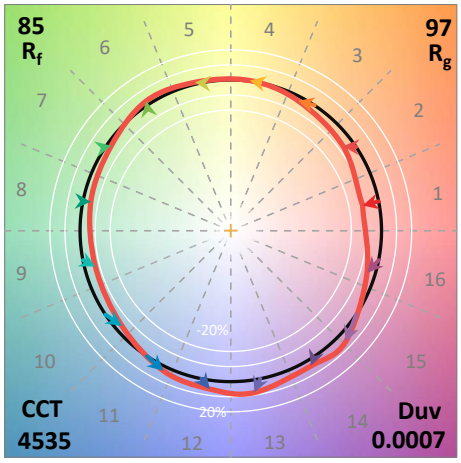
Spectral Power Distribution Comparison

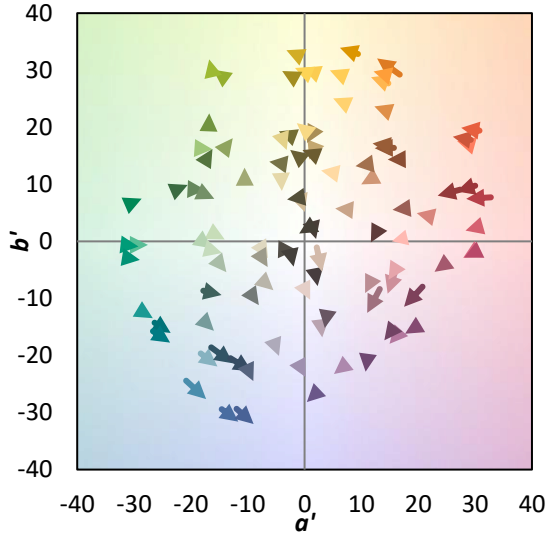


Color Vector Graphics









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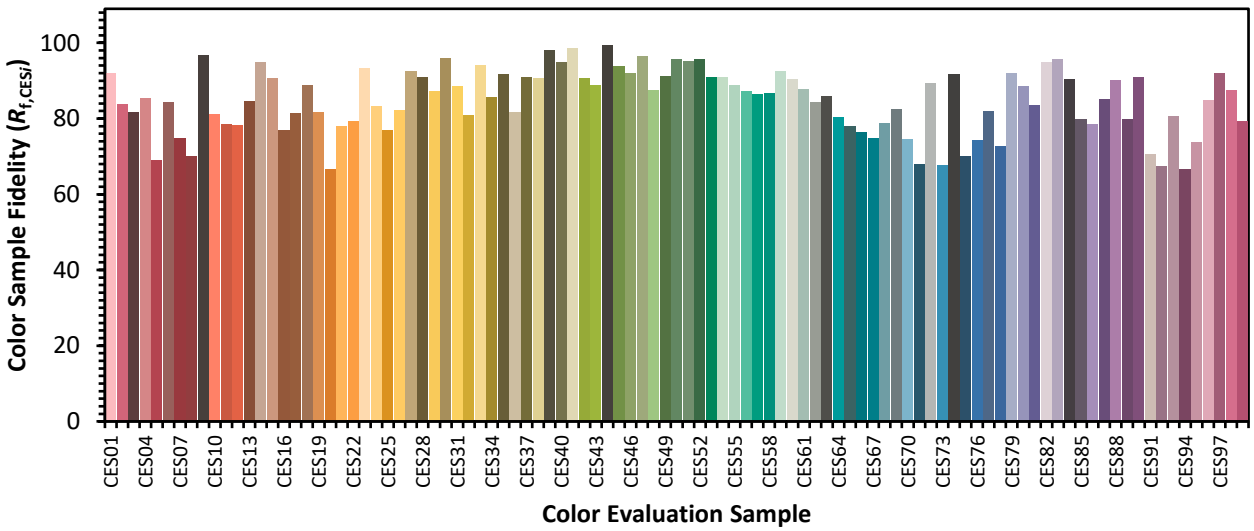
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 82	CES51 = 95	CES76 = 74
CES02 = 61	CES27 = 93	CES52 = 96	CES77 = 82
CES03 = 31	CES28 = 91	CES53 = 91	CES78 = 73
CES04 = 69	CES29 = 87	CES54 = 91	CES79 = 92
CES05 = 47	CES30 = 96	CES55 = 89	CES80 = 88
CES06 = 50	CES31 = 89	CES56 = 87	CES81 = 84
CES07 = 40	CES32 = 81	CES57 = 87	CES82 = 95
CES08 = 39	CES33 = 94	CES58 = 87	CES83 = 96
CES09 = 29	CES34 = 86	CES59 = 92	CES84 = 90
CES10 = 73	CES35 = 92	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 82	CES61 = 88	CES86 = 79
CES12 = 62	CES37 = 91	CES62 = 84	CES87 = 85
CES13 = 42	CES38 = 91	CES63 = 86	CES88 = 90
CES14 = 74	CES39 = 98	CES64 = 80	CES89 = 80
CES15 = 71	CES40 = 95	CES65 = 78	CES90 = 91
CES16 = 46	CES41 = 99	CES66 = 77	CES91 = 71
CES17 = 49	CES42 = 91	CES67 = 75	CES92 = 67
CES18 = 56	CES43 = 89	CES68 = 79	CES93 = 81
CES19 = 71	CES44 = 99	CES69 = 83	CES94 = 67
CES20 = 65	CES45 = 94	CES70 = 75	CES95 = 74
CES21 = 85	CES46 = 92	CES71 = 68	CES96 = 85
CES22 = 77	CES47 = 97	CES72 = 89	CES97 = 92
CES23 = 91	CES48 = 88	CES73 = 68	CES98 = 87
CES24 = 90	CES49 = 91	CES74 = 92	CES99 = 79
CES25 = 71	CES50 = 96	CES75 = 70	



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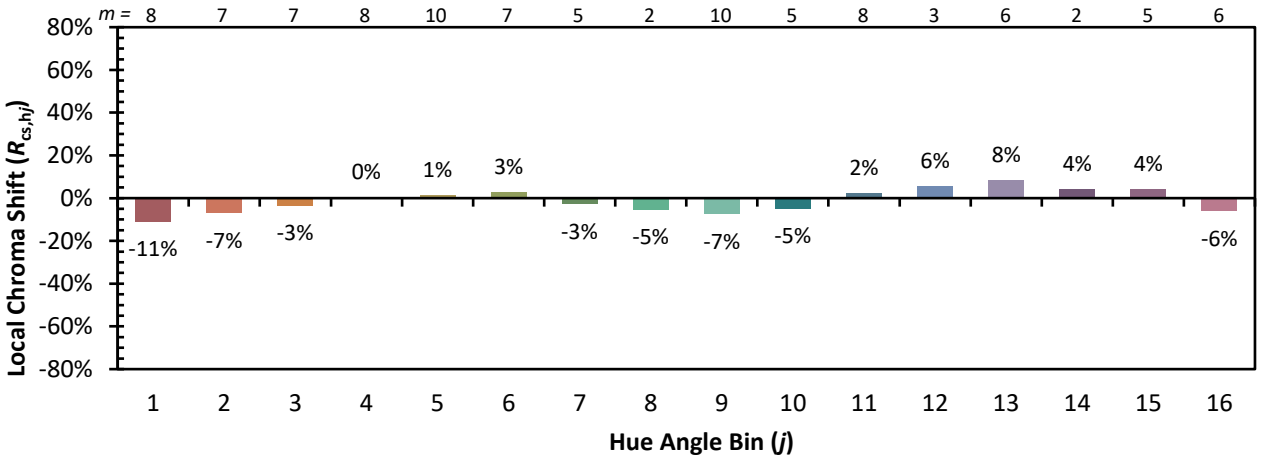
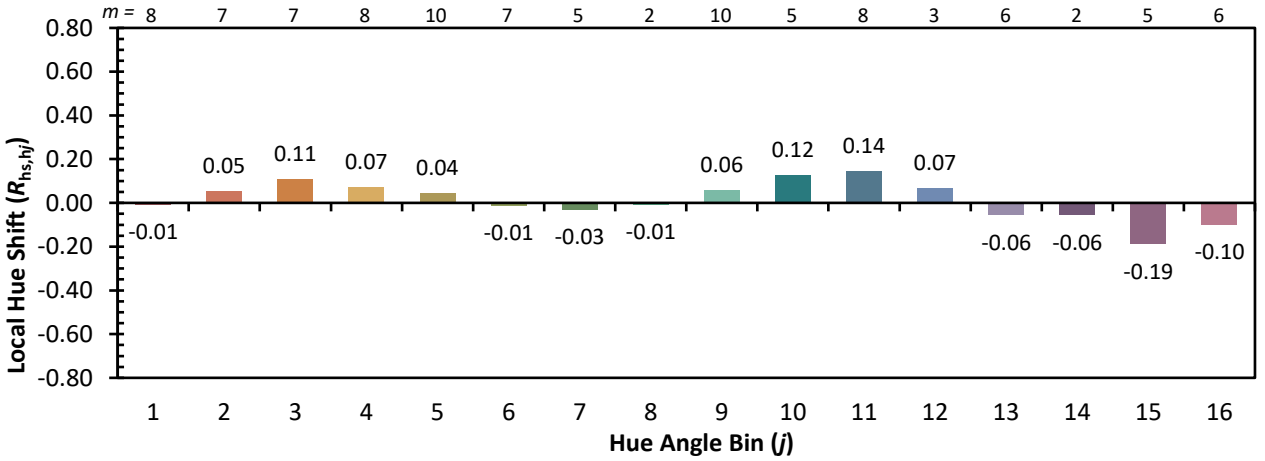
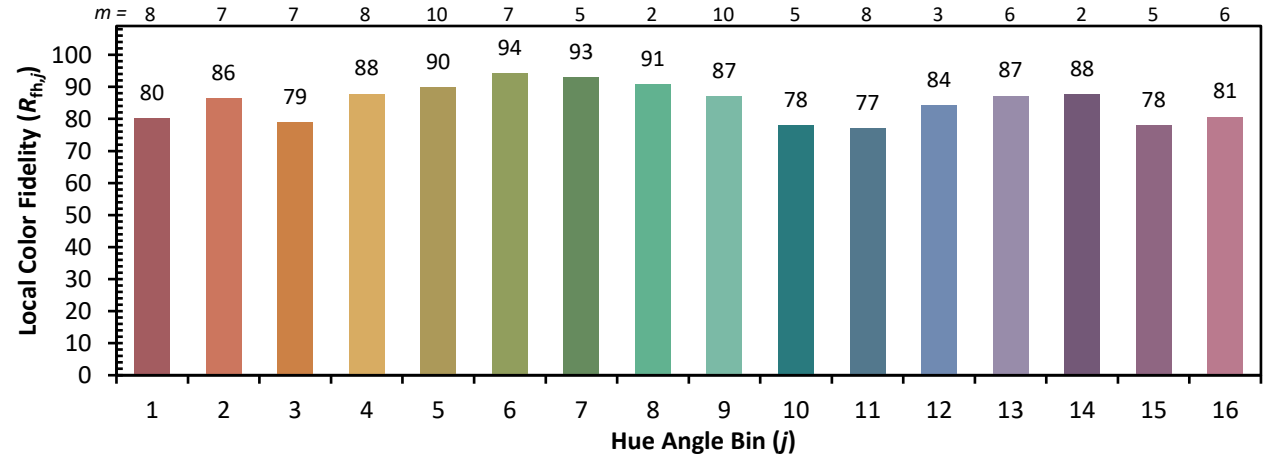
Color Rendition by Hue-Angle Bin







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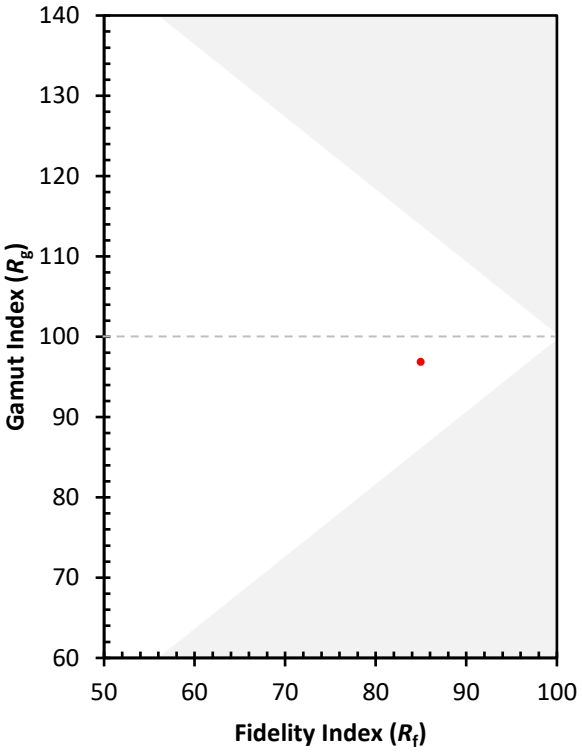
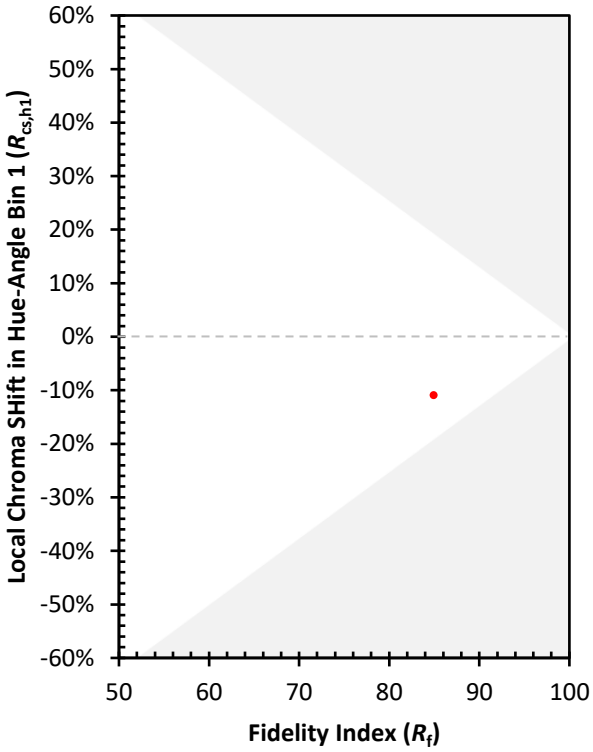
Measure Comparisons





(END OF REPORT)