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: P981634

Luminaire Tested: 4PWM-2060C5-850-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:	P981634
Test Lab:	INNOVATION CENTER(P3)
Issue Date:	01/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	4PWM-2060C5-850-MEDIUMLOW
Description:	METALUX 8.75 INCH PROWRAP 80CRI 5000K FIXTURE MEDIUM-LOW OUTPUT SETTING
Light Source:	5000K CCT, 80+ CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3202.9 lumens
Efficiency:	N/A
Efficacy:	136.9 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):	23.4
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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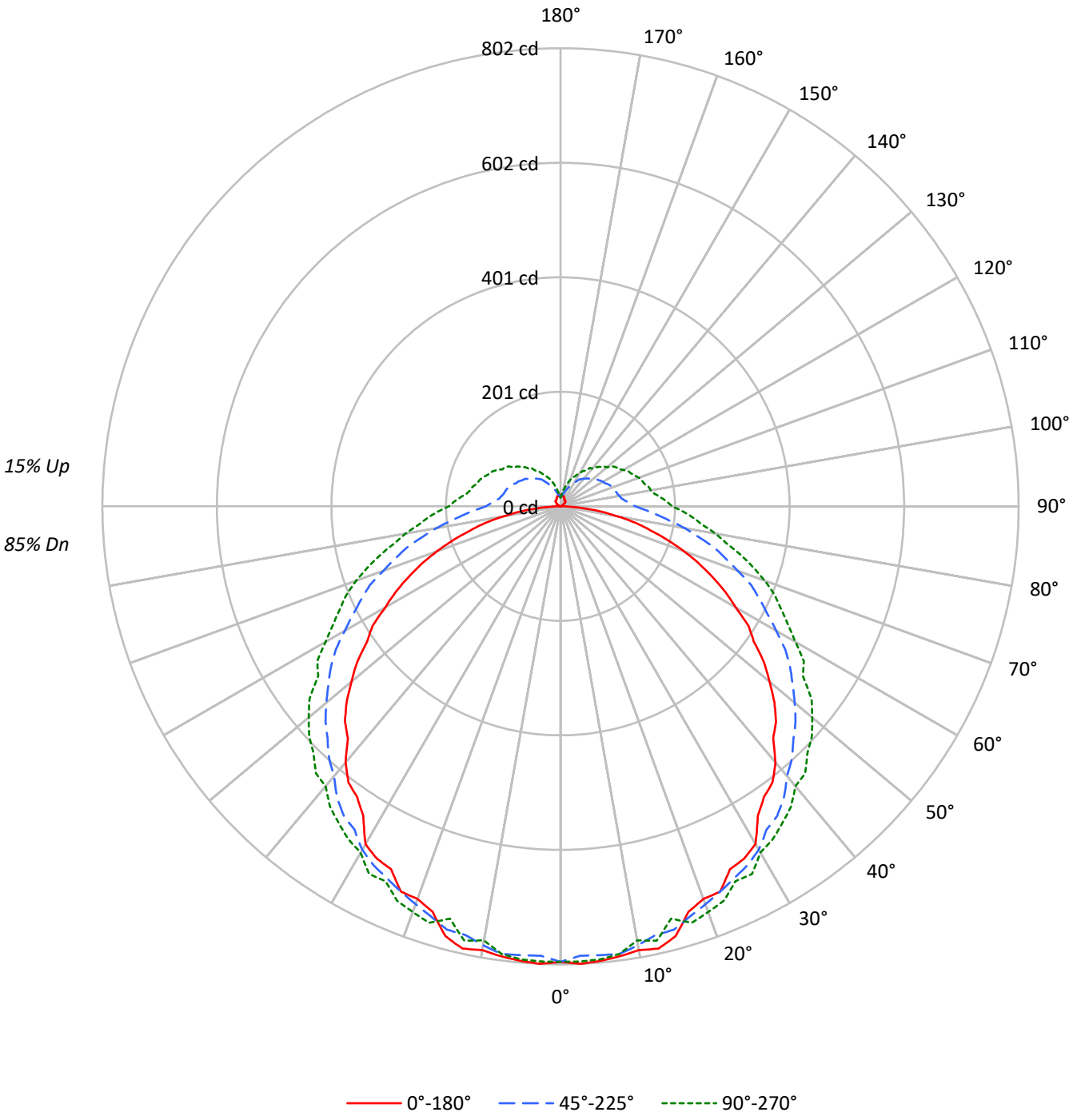
Scaled Data Report

TEST NUMBER: P981634
CATALOG NUMBER: 4PWM-2060C5-850-MEDIUMLOW

Luminous Intensity Polar Plot



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TEST NUMBER: P981634
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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°	3127	3127	3127
5°	3132	3048	3065
10°	3114	2993	2940
15°	3121	2944	2839
20°	2998	2868	2885
25°	2966	2824	2799
30°	3005	2794	2760
35°	2873	2748	2747
40°	2875	2671	2694
45°	2819	2628	2697
50°	2751	2594	2687
55°	2637	2561	2590
60°	2558	2486	2577
65°	2465	2435	2549
70°	2314	2370	2555
75°	2089	2330	2519
80°	1792	2237	2532
85°	1232	2190	2673

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 90°
Luminance: 2979 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	2.4
10°-20°	216.8	6.8
20°-30°	334.1	10.4
30°-40°	411.9	12.9
40°-50°	444.8	13.9
50°-60°	430.3	13.4
60°-70°	371.3	11.6
70°-80°	277.5	8.7
80°-90°	173.2	5.4
90°-100°	114.0	3.6
100°-110°	96.4	3.0
110°-120°	82.4	2.6
120°-130°	65.9	2.1
130°-140°	48.8	1.5
140°-150°	32.2	1.0
150°-160°	18.0	0.6
160°-170°	7.8	0.2
170°-180°	1.8	0.1
0°-30°	626.7	19.6
0°-40°	1038.5	32.4
0°-60°	1913.5	59.7
0°-90°	2735.5	85.4
90°-120°	292.8	9.1
90°-150°	439.8	13.7
90°-180°	467.0	14.6
0°-180°	3202.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	798	798	798	798	798	
5°	799	805	789	796	796	76
15°	779	769	767	773	747	217
25°	701	719	719	750	724	327
35°	621	637	661	686	677	393
45°	534	544	577	611	611	410
55°	413	440	491	524	518	373
65°	294	330	384	430	426	291
75°	164	212	278	318	326	174
85°	43	99	169	221	234	47
90°	0	60	130	185	195	2
95°	0	49	113	165	176	1
105°	1	47	100	139	152	2
115°	4	44	92	125	136	4
125°	7	42	80	108	119	7
135°	12	39	69	90	98	9
145°	13	30	57	72	76	8
155°	16	24	40	53	57	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: P981634
CATALOG NUMBER: 4PWM-2060C5-850-MEDIUMLOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	797.5	797.5	797.5	797.5	797.5
2.5°	801.8	806.1	787.5	797.5	797.5
5°	799.0	804.7	788.9	796.1	796.1
7.5°	794.7	787.5	790.4	804.7	790.4
10°	788.9	786.0	780.3	799.0	771.7
12.5°	793.2	770.3	768.8	787.5	778.9
15°	778.9	768.8	767.4	773.1	747.3
17.5°	744.5	750.2	753.1	764.5	764.5
20°	731.5	743.0	741.6	755.9	755.9
22.5°	730.1	728.7	730.1	747.3	747.3
25°	701.4	718.6	718.6	750.2	724.4
27.5°	695.7	701.4	708.6	728.7	725.8
30°	682.8	675.6	694.2	711.5	700.0
32.5°	642.6	652.6	671.3	700.0	691.4
35°	621.1	636.9	661.3	685.6	677.0
37.5°	609.6	616.8	642.6	672.7	662.7
40°	585.2	591.0	616.8	646.9	639.7
42.5°	550.8	570.9	599.6	629.7	634.0
45°	533.6	543.6	576.6	611.1	611.1
47.5°	507.8	512.1	558.0	592.4	596.7
50°	477.7	493.4	535.0	570.9	575.2
52.5°	449.0	461.9	512.1	546.5	553.7
55°	413.1	440.4	490.6	523.6	517.8
57.5°	390.2	408.8	466.2	504.9	504.9
60°	354.3	384.4	436.1	477.7	474.8
62.5°	325.6	352.9	408.8	454.7	449.0
65°	294.1	329.9	384.4	430.3	426.0
67.5°	262.5	296.9	361.5	400.2	405.9
70°	229.5	269.7	329.9	372.9	380.1
72.5°	196.5	238.1	302.7	348.6	352.9
75°	163.5	212.3	278.3	318.4	325.6
77.5°	134.8	182.2	246.7	288.3	296.9
80°	101.8	152.0	220.9	266.8	275.4
82.5°	71.7	126.2	192.2	238.1	251.0
85°	43.0	99.0	169.3	220.9	233.8
87.5°	17.2	76.0	149.2	203.7	215.2
90°	0.0	60.2	130.5	185.0	195.1
92.5°	0.0	51.6	121.9	170.7	186.5
95°	0.0	48.8	113.3	165.0	176.4
97.5°	0.0	47.3	107.6	153.5	166.4
100°	1.4	47.3	104.7	146.3	160.7
102.5°	1.4	47.3	101.8	143.4	157.8
105°	1.4	47.3	100.4	139.1	152.0
107.5°	1.4	45.9	99.0	136.3	149.2
110°	2.9	47.3	97.5	133.4	146.3

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Scaled Data Report

TEST NUMBER: P981634
CATALOG NUMBER: 4PWM-2060C5-850-MEDIUMLOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	*45.9*	94.7	129.1	140.6
115°	4.3	*44.5*	91.8	124.8	136.3
117.5°	4.3	*44.5*	87.5	121.9	133.4
120°	5.7	*43.0*	86.1	116.2	127.7
122.5°	7.2	*44.5*	83.2	111.9	120.5
125°	7.2	*41.6*	80.3	107.6	119.1
127.5°	8.6	*41.6*	78.9	103.3	114.8
130°	10.0	*40.2*	74.6	100.4	106.1
132.5°	11.5	*38.7*	71.7	94.7	103.3
135°	11.5	*38.7*	68.9	90.4	97.5
137.5°	12.9	*35.9*	66.0	86.1	93.2
140°	12.9	*34.4*	63.1	80.3	86.1
142.5°	12.9	*33.0*	60.2	77.5	84.6
145°	12.9	*30.1*	57.4	71.7	76.0
147.5°	12.9	*28.7*	51.6	67.4	73.2
150°	14.3	*27.3*	47.3	63.1	67.4
152.5°	14.3	*25.8*	43.0	57.4	61.7
155°	15.8	*24.4*	40.2	53.1	57.4
157.5°	15.8	*23.0*	34.4	50.2	53.1
160°	17.2	*21.5*	31.6	44.5	48.8
162.5°	18.6	*21.5*	28.7	38.7	43.0
165°	18.6	*20.1*	25.8	33.0	37.3
167.5°	18.6	*20.1*	23.0	27.3	33.0
170°	18.6	*20.1*	20.1	23.0	27.3
172.5°	18.6	*18.6*	20.1	18.6	23.0
175°	20.1	*20.1*	18.6	15.8	20.1
177.5°	20.1	*18.6*	17.2	14.3	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	15.2	15.9	15.3	16.7	15.9	17.3	18.0
	3H	15.0	16.3	15.6	16.8	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	21.2	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	23.1
	12H	16.1	17.2	16.8	17.8	18.6	21.3	22.4	22.0	23.0	23.8
4H	2H	14.2	15.5	14.8	16.1	16.8	15.8	17.0	16.4	17.7	18.4
	3H	16.2	17.2	16.8	17.9	18.6	18.5	19.6	19.1	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	24.1
	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	18.4	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	18.6	19.3	19.3	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	24.1	24.7	25.5
12H	4H	17.8	18.6	18.5	19.3	20.0	20.1	20.9	20.8	21.6	22.3
	6H	18.7	19.3	19.4	20.0	20.8	21.7	22.3	22.4	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: SP3-2511-615-15

Test Date: 01/15/2026

Luminaire Tested: PW-S-6K-850-2nd

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

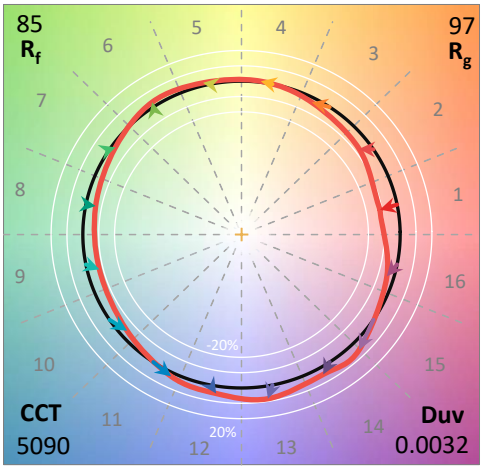
Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-615-15
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-850-2nd**
Description:	8.75" Wrap 5 CCT 5 lumen select @6000lms (switch) @5000K 2nd Round

Spectral Parameters

CCT (K):	5090	CRI (Ra):	84.2		
CIE u':	0.2083	R1:	82.7	R9:	12.9
CIE v':	0.4867	R2:	88.6	R10:	73.0
Duv:	0.0032	R3:	92.8	R11:	84.5
CIE x:	0.3431	R4:	84.6	R12:	62.9
CIE y:	0.3563	R5:	83.4	R13:	84.2
CIE z:	0.3006	R6:	84.2	R14:	96.2
Peak Wavelength (nm):	450	R7:	87.9	R15:	77.0
Dominant Wavelength (nm):	568	R8:	69.4		
Purity:	9.863329				
Rf:	84.8				
Rg:	96.7				



Test Conditions

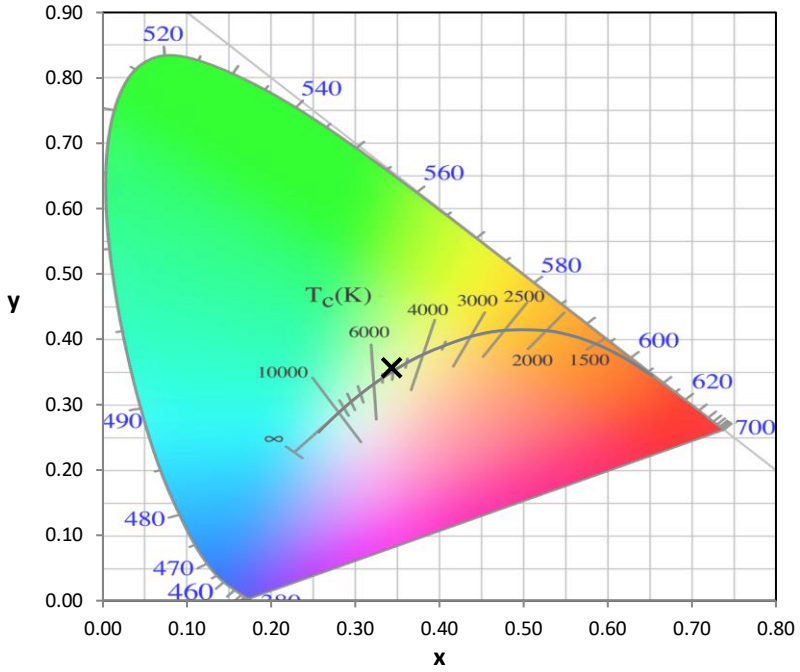
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-615-15

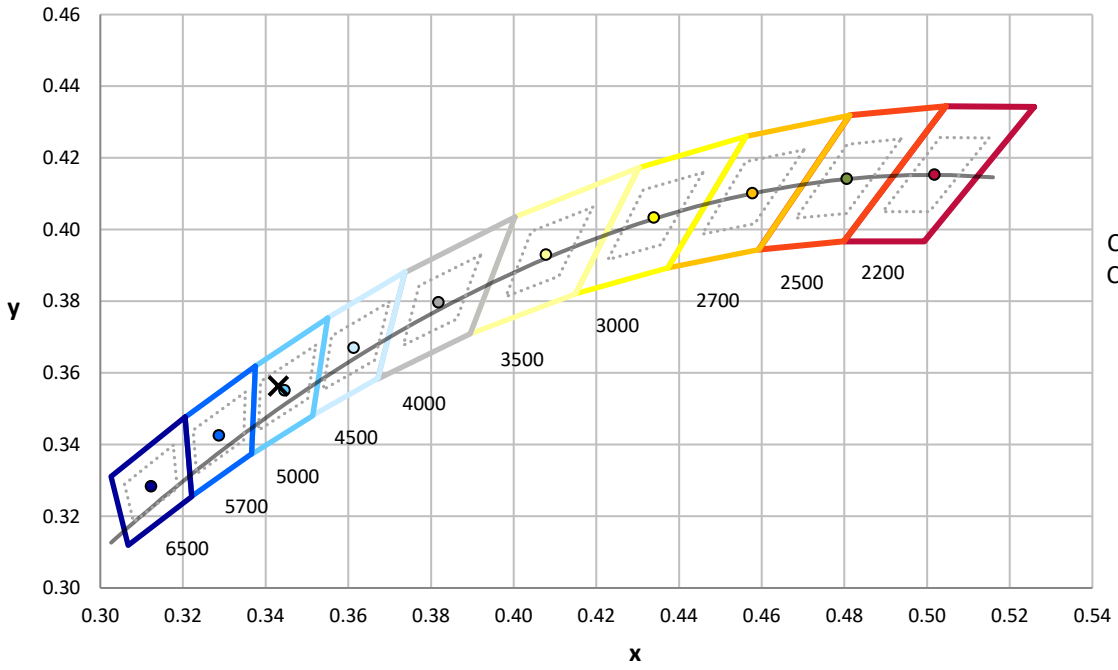
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-615-15

CIE 1931 Chromaticity Diagram



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

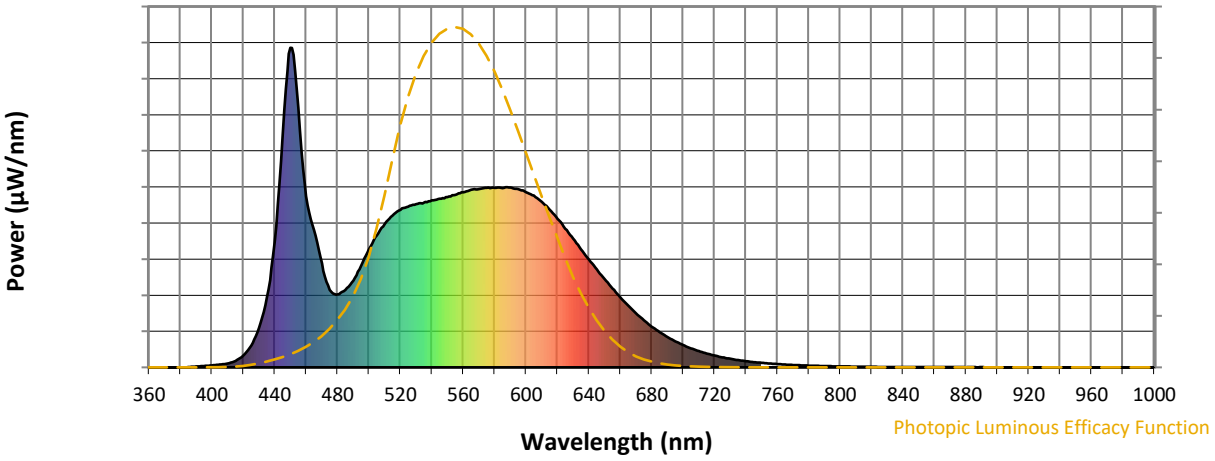


CCT = 5090K
CIE x = 0.3431
CIE y = 0.3563
Duv = 0.0032

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP3-2511-615-15

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	272	NR	620	465	NR	750	14	NR	880	1	NR
365	0	NR	495	317	NR	625	434	NR	755	12	NR	885	1	NR
370	0	NR	500	371	NR	630	402	NR	760	10	NR	890	1	NR
375	0	NR	505	412	NR	635	370	NR	765	9	NR	895	0	NR
380	0	NR	510	448	NR	640	338	NR	770	7	NR	900	0	NR
385	1	NR	515	474	NR	645	306	NR	775	6	NR	905	0	NR
390	3	NR	520	493	NR	650	277	NR	780	5	NR	910	0	NR
395	4	NR	525	503	NR	655	247	NR	785	5	NR	915	0	NR
400	6	NR	530	510	NR	660	219	NR	790	4	NR	920	0	NR
405	9	NR	535	515	NR	665	193	NR	795	3	NR	925	0	NR
410	12	NR	540	523	NR	670	169	NR	800	3	NR	930	0	NR
415	20	NR	545	527	NR	675	148	NR	805	3	NR	935	0	NR
420	37	NR	550	532	NR	680	128	NR	810	2	NR	940	0	NR
425	68	NR	555	540	NR	685	110	NR	815	2	NR	945	0	NR
430	123	NR	560	548	NR	690	95	NR	820	2	NR	950	0	NR
435	220	NR	565	555	NR	695	82	NR	825	1	NR	955	0	NR
440	391	NR	570	558	NR	700	70	NR	830	1	NR	960	0	NR
445	726	NR	575	561	NR	705	59	NR	835	1	NR	965	0	NR
450	1000	NR	580	562	NR	710	51	NR	840	1	NR	970	0	NR
455	812	NR	585	561	NR	715	43	NR	845	1	NR	975	0	NR
460	536	NR	590	563	NR	720	37	NR	850	1	NR	980	0	NR
465	429	NR	595	558	NR	725	32	NR	855	1	NR	985	0	NR
470	325	NR	600	548	NR	730	27	NR	860	1	NR	990	0	NR
475	242	NR	605	538	NR	735	23	NR	865	1	NR	995	0	NR
480	228	NR	610	518	NR	740	19	NR	870	1	NR	1000	0	NR
485	242	NR	615	494	NR	745	16	NR	875	1	NR			

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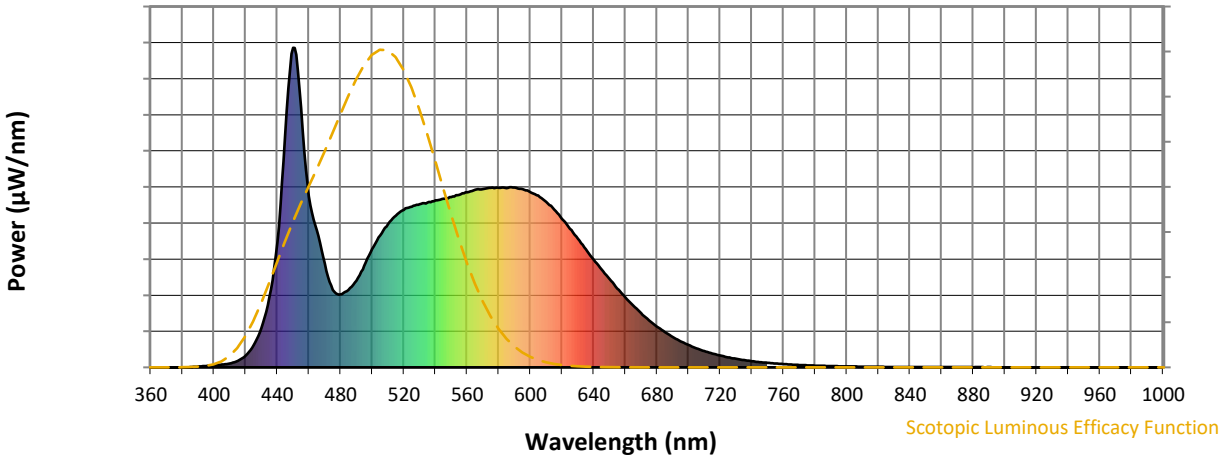
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.99**

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	272	NR	620	465	NR	750	14	NR	880	1	NR
365	0	NR	495	317	NR	625	434	NR	755	12	NR	885	1	NR
370	0	NR	500	371	NR	630	402	NR	760	10	NR	890	1	NR
375	0	NR	505	412	NR	635	370	NR	765	9	NR	895	0	NR
380	0	NR	510	448	NR	640	338	NR	770	7	NR	900	0	NR
385	1	NR	515	474	NR	645	306	NR	775	6	NR	905	0	NR
390	3	NR	520	493	NR	650	277	NR	780	5	NR	910	0	NR
395	4	NR	525	503	NR	655	247	NR	785	5	NR	915	0	NR
400	6	NR	530	510	NR	660	219	NR	790	4	NR	920	0	NR
405	9	NR	535	515	NR	665	193	NR	795	3	NR	925	0	NR
410	12	NR	540	523	NR	670	169	NR	800	3	NR	930	0	NR
415	20	NR	545	527	NR	675	148	NR	805	3	NR	935	0	NR
420	37	NR	550	532	NR	680	128	NR	810	2	NR	940	0	NR
425	68	NR	555	540	NR	685	110	NR	815	2	NR	945	0	NR
430	123	NR	560	548	NR	690	95	NR	820	2	NR	950	0	NR
435	220	NR	565	555	NR	695	82	NR	825	1	NR	955	0	NR
440	391	NR	570	558	NR	700	70	NR	830	1	NR	960	0	NR
445	726	NR	575	561	NR	705	59	NR	835	1	NR	965	0	NR
450	1000	NR	580	562	NR	710	51	NR	840	1	NR	970	0	NR
455	812	NR	585	561	NR	715	43	NR	845	1	NR	975	0	NR
460	536	NR	590	563	NR	720	37	NR	850	1	NR	980	0	NR
465	429	NR	595	558	NR	725	32	NR	855	1	NR	985	0	NR
470	325	NR	600	548	NR	730	27	NR	860	1	NR	990	0	NR
475	242	NR	605	538	NR	735	23	NR	865	1	NR	995	0	NR
480	228	NR	610	518	NR	740	19	NR	870	1	NR	1000	0	NR
485	242	NR	615	494	NR	745	16	NR	875	1	NR			

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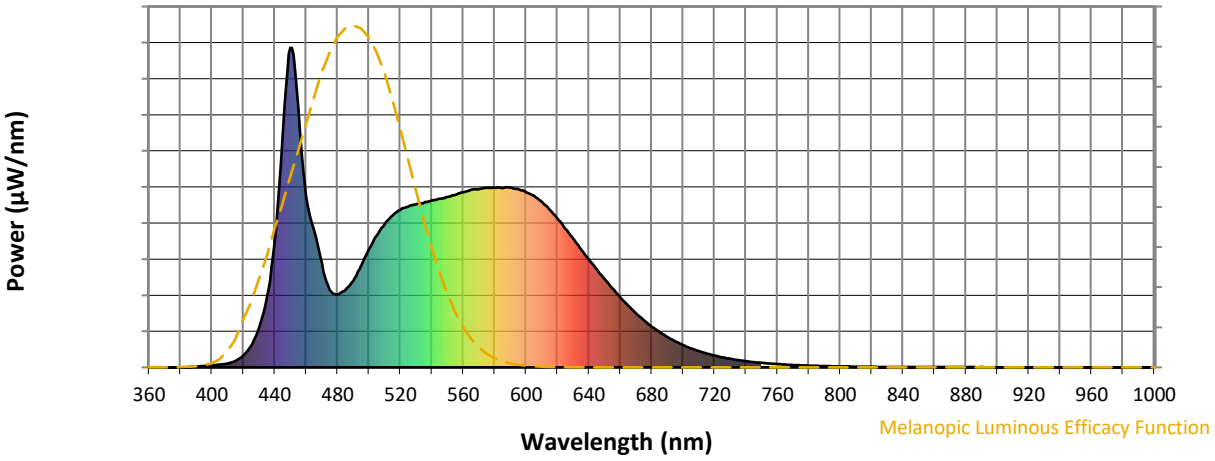
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.23**

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	272	NR	620	465	NR	750	14	NR	880	1	NR
365	0	NR	495	317	NR	625	434	NR	755	12	NR	885	1	NR
370	0	NR	500	371	NR	630	402	NR	760	10	NR	890	1	NR
375	0	NR	505	412	NR	635	370	NR	765	9	NR	895	0	NR
380	0	NR	510	448	NR	640	338	NR	770	7	NR	900	0	NR
385	1	NR	515	474	NR	645	306	NR	775	6	NR	905	0	NR
390	3	NR	520	493	NR	650	277	NR	780	5	NR	910	0	NR
395	4	NR	525	503	NR	655	247	NR	785	5	NR	915	0	NR
400	6	NR	530	510	NR	660	219	NR	790	4	NR	920	0	NR
405	9	NR	535	515	NR	665	193	NR	795	3	NR	925	0	NR
410	12	NR	540	523	NR	670	169	NR	800	3	NR	930	0	NR
415	20	NR	545	527	NR	675	148	NR	805	3	NR	935	0	NR
420	37	NR	550	532	NR	680	128	NR	810	2	NR	940	0	NR
425	68	NR	555	540	NR	685	110	NR	815	2	NR	945	0	NR
430	123	NR	560	548	NR	690	95	NR	820	2	NR	950	0	NR
435	220	NR	565	555	NR	695	82	NR	825	1	NR	955	0	NR
440	391	NR	570	558	NR	700	70	NR	830	1	NR	960	0	NR
445	726	NR	575	561	NR	705	59	NR	835	1	NR	965	0	NR
450	1000	NR	580	562	NR	710	51	NR	840	1	NR	970	0	NR
455	812	NR	585	561	NR	715	43	NR	845	1	NR	975	0	NR
460	536	NR	590	563	NR	720	37	NR	850	1	NR	980	0	NR
465	429	NR	595	558	NR	725	32	NR	855	1	NR	985	0	NR
470	325	NR	600	548	NR	730	27	NR	860	1	NR	990	0	NR
475	242	NR	605	538	NR	735	23	NR	865	1	NR	995	0	NR
480	228	NR	610	518	NR	740	19	NR	870	1	NR	1000	0	NR
485	242	NR	615	494	NR	745	16	NR	875	1	NR			

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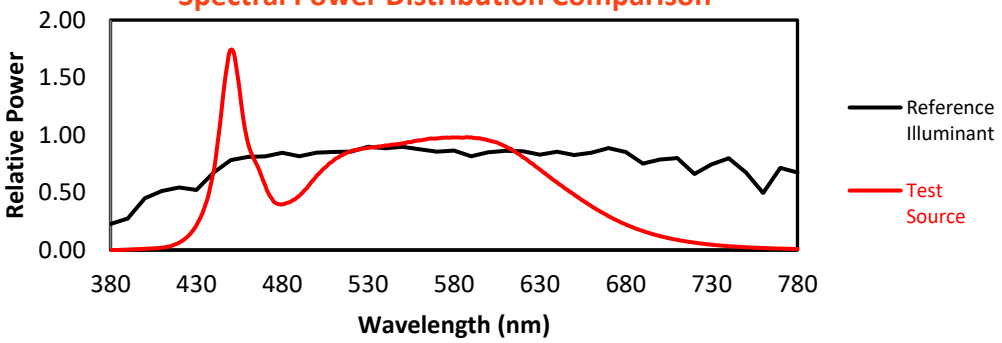
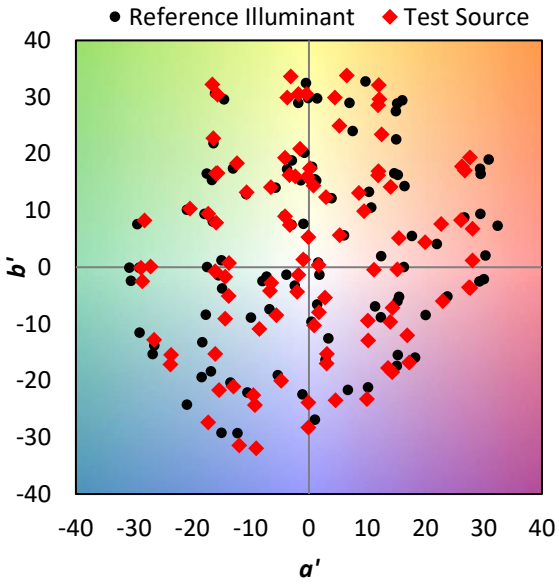
Summary

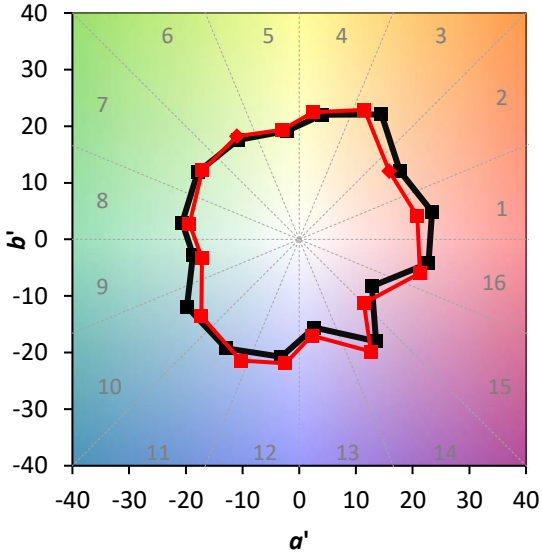
R_f = 84.8
R_g = 96.7
CIE R_a = 84.2
R_9 = 12.9

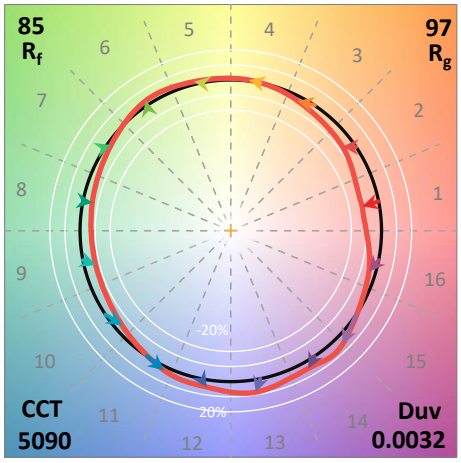
Spectral Power Distribution Comparison

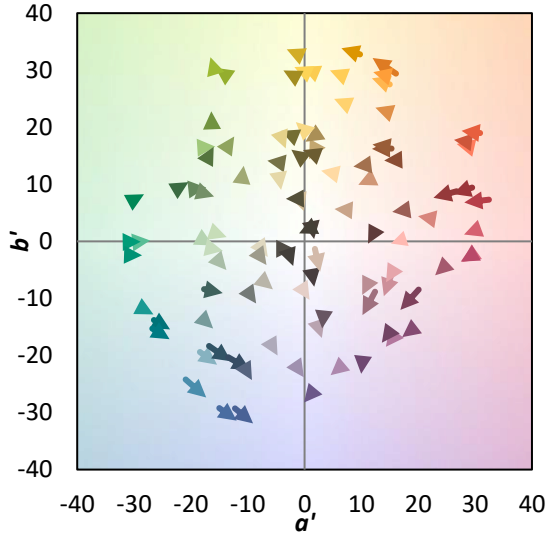


Color Vector Graphics









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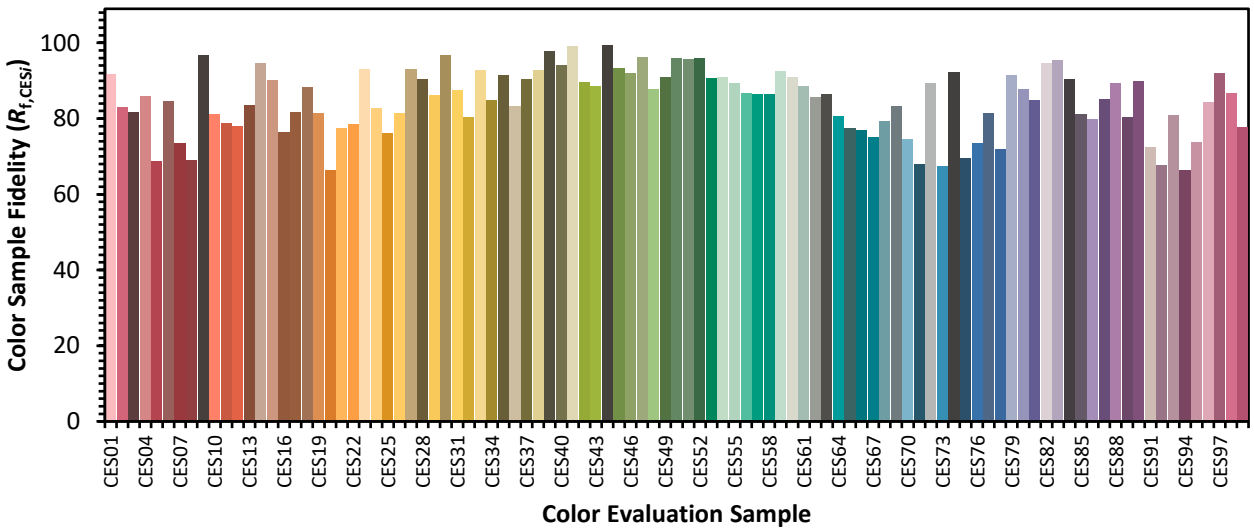
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 81	CES51 = 96	CES76 = 74
CES02 = 60	CES27 = 93	CES52 = 96	CES77 = 81
CES03 = 30	CES28 = 90	CES53 = 91	CES78 = 72
CES04 = 69	CES29 = 86	CES54 = 91	CES79 = 91
CES05 = 47	CES30 = 97	CES55 = 89	CES80 = 88
CES06 = 50	CES31 = 88	CES56 = 87	CES81 = 85
CES07 = 40	CES32 = 80	CES57 = 86	CES82 = 95
CES08 = 39	CES33 = 93	CES58 = 87	CES83 = 95
CES09 = 29	CES34 = 85	CES59 = 93	CES84 = 90
CES10 = 73	CES35 = 91	CES60 = 91	CES85 = 81
CES11 = 56	CES36 = 83	CES61 = 89	CES86 = 80
CES12 = 61	CES37 = 90	CES62 = 86	CES87 = 85
CES13 = 42	CES38 = 93	CES63 = 86	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 81	CES89 = 80
CES15 = 71	CES40 = 94	CES65 = 77	CES90 = 90
CES16 = 46	CES41 = 99	CES66 = 77	CES91 = 72
CES17 = 48	CES42 = 90	CES67 = 75	CES92 = 68
CES18 = 55	CES43 = 88	CES68 = 79	CES93 = 81
CES19 = 70	CES44 = 99	CES69 = 83	CES94 = 66
CES20 = 64	CES45 = 93	CES70 = 75	CES95 = 74
CES21 = 85	CES46 = 92	CES71 = 68	CES96 = 84
CES22 = 77	CES47 = 96	CES72 = 89	CES97 = 92
CES23 = 91	CES48 = 88	CES73 = 67	CES98 = 87
CES24 = 90	CES49 = 91	CES74 = 92	CES99 = 78
CES25 = 70	CES50 = 96	CES75 = 70	



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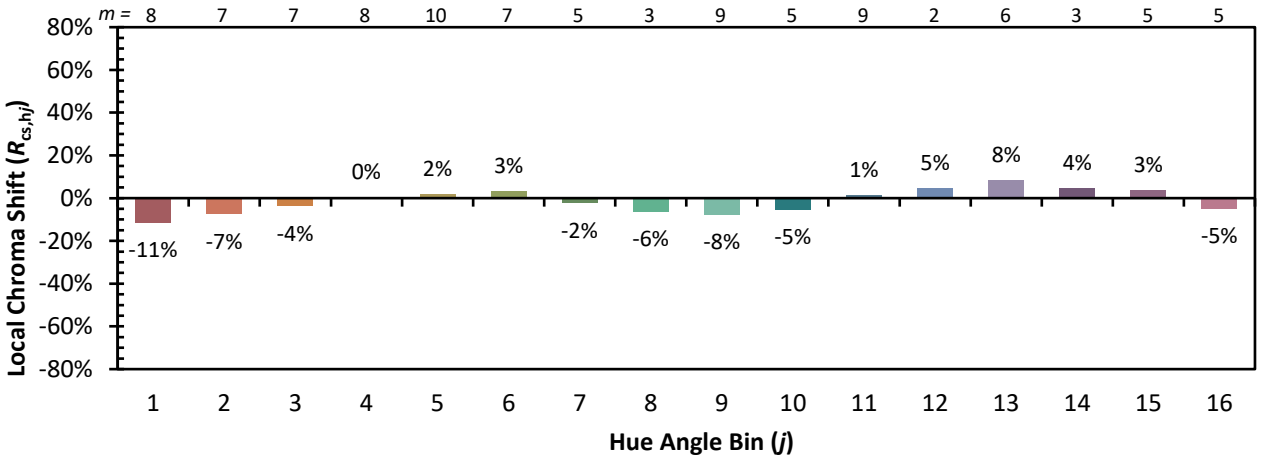
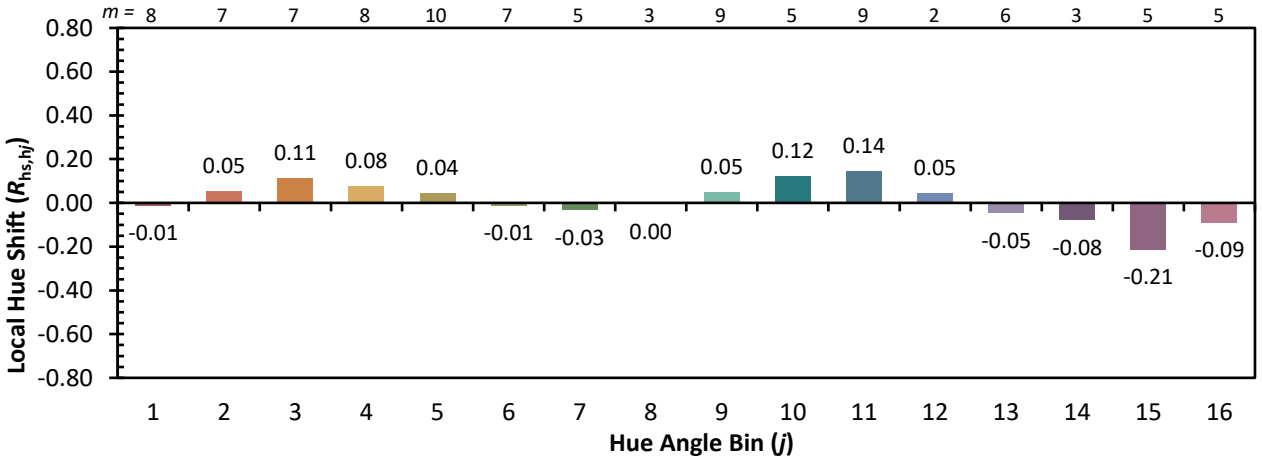
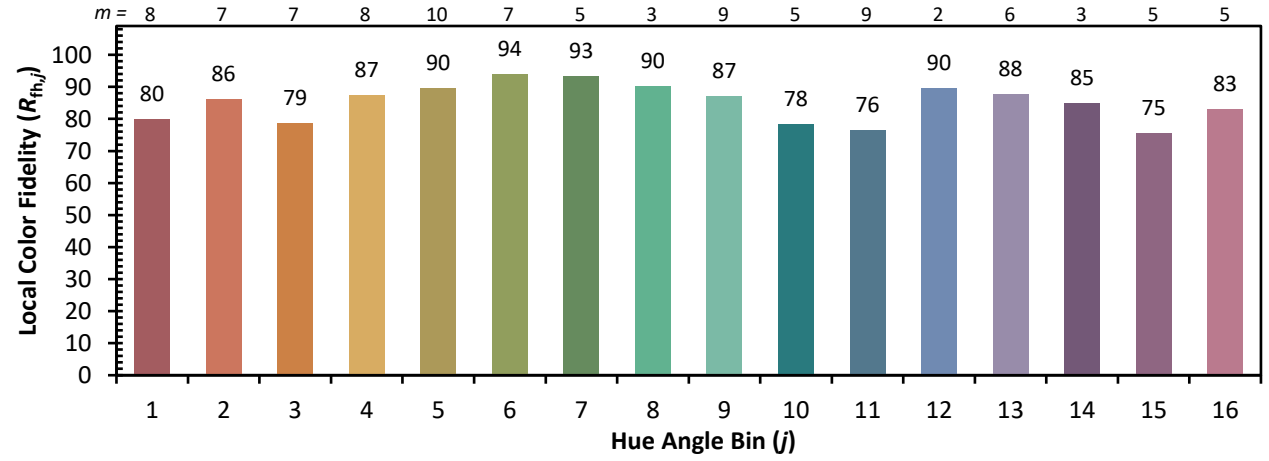
Color Rendition by Hue-Angle Bin







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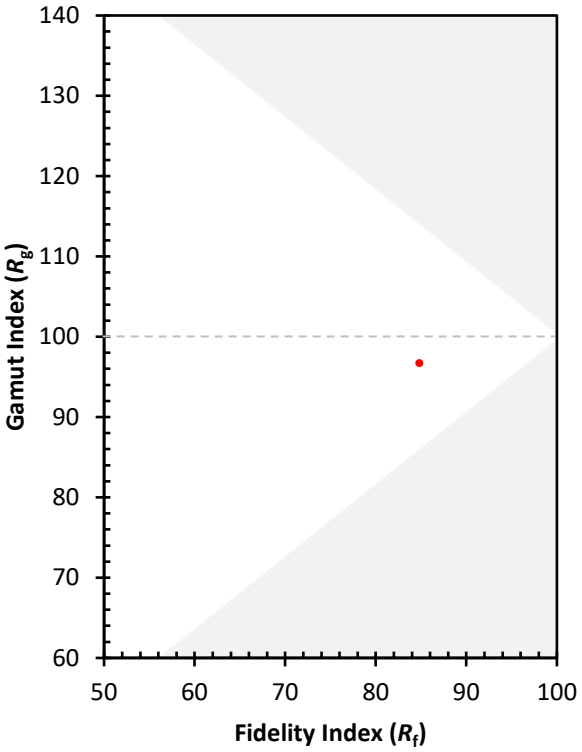
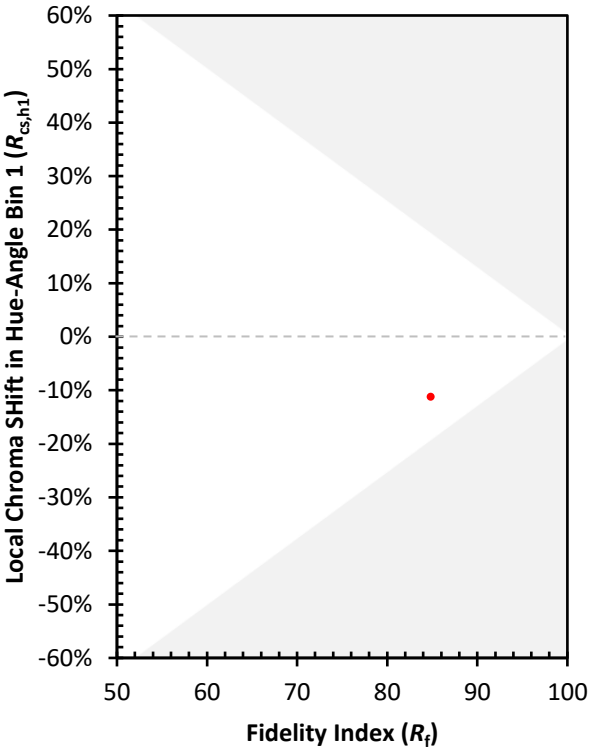
Measure Comparisons





(END OF REPORT)