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: P981630

Luminaire Tested: 4PWM-2060C5-830-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:	P981630
Test Lab:	INNOVATION CENTER(P3)
Issue Date:	01/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	4PWM-2060C5-830-MEDIUMLOW
Description:	METALUX 8.75 INCH PROWRAP 80CRI 3000K FIXTURE MEDIUM-LOW OUTPUT SETTING
Light Source:	3000K CCT, 80+ CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3094.0 lumens
Efficiency:	N/A
Efficacy:	132.2 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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TEST NUMBER: P981630
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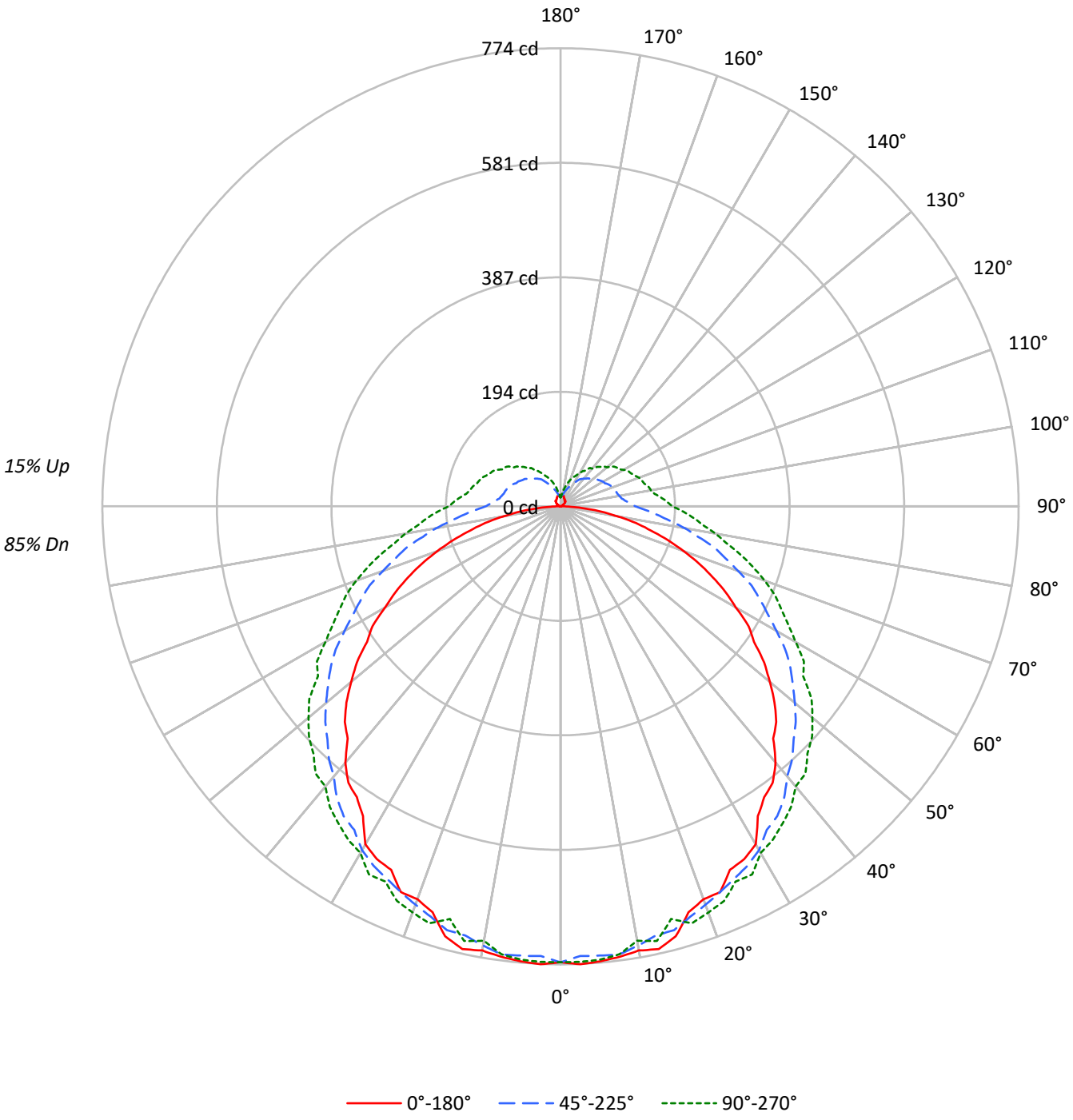
Luminous Intensity Polar Plot



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TEST NUMBER: P981630
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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°	3021	3021	3021
5°	3025	2944	2961
10°	3008	2891	2840
15°	3014	2844	2742
20°	2896	2771	2787
25°	2865	2728	2704
30°	2903	2699	2667
35°	2775	2655	2654
40°	2778	2580	2603
45°	2723	2539	2605
50°	2657	2505	2595
55°	2547	2474	2502
60°	2471	2401	2489
65°	2381	2352	2462
70°	2236	2290	2468
75°	2018	2251	2433
80°	1732	2161	2445
85°	1192	2115	2581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 90°
Luminance: 2876 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.2	2.4
10°-20°	209.4	6.8
20°-30°	322.7	10.4
30°-40°	397.8	12.9
40°-50°	429.6	13.9
50°-60°	415.6	13.4
60°-70°	358.7	11.6
70°-80°	268.1	8.7
80°-90°	167.3	5.4
90°-100°	110.1	3.6
100°-110°	93.2	3.0
110°-120°	79.6	2.6
120°-130°	63.7	2.1
130°-140°	47.2	1.5
140°-150°	31.1	1.0
150°-160°	17.3	0.6
160°-170°	7.5	0.2
170°-180°	1.8	0.1
0°-30°	605.3	19.6
0°-40°	1003.2	32.4
0°-60°	1848.4	59.7
0°-90°	2642.4	85.4
90°-120°	282.9	9.1
90°-150°	424.9	13.7
90°-180°	452.0	14.6
0°-180°	3094.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	770	770	770	770	770	
5°	772	777	762	769	769	73
15°	752	743	741	747	722	210
25°	678	694	694	725	700	316
35°	600	615	639	662	654	379
45°	515	525	557	590	590	396
55°	399	425	474	506	500	360
65°	284	319	371	416	412	281
75°	158	205	269	308	314	168
85°	42	96	164	213	226	46
90°	0	58	126	179	188	2
95°	0	47	110	159	170	1
105°	1	46	97	134	147	2
115°	4	43	89	120	132	4
125°	7	40	78	104	115	7
135°	11	37	66	87	94	9
145°	12	29	55	69	73	8
155°	15	24	39	51	55	7
165°	18	19	25	32	36	5
175°	19	19	18	15	19	2
180°	15	15	15	15	15	

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CATALOG NUMBER: 4PWM-2060C5-830-MEDIUMLOW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	770.4	770.4	770.4	770.4	770.4
2.5°	774.5	778.7	760.7	770.4	770.4
5°	771.8	777.3	762.1	769.0	769.0
7.5°	767.6	760.7	763.5	777.3	763.5
10°	762.1	759.3	753.8	771.8	745.4
12.5°	766.2	744.1	742.7	760.7	752.4
15°	752.4	742.7	741.3	746.8	721.9
17.5°	719.1	724.7	727.4	738.5	738.5
20°	706.6	717.7	716.3	730.2	730.2
22.5°	705.3	703.9	705.3	721.9	721.9
25°	677.5	694.2	694.2	724.7	699.7
27.5°	672.0	677.5	684.5	703.9	701.1
30°	659.5	652.6	670.6	687.2	676.2
32.5°	620.7	630.4	648.5	676.2	667.8
35°	600.0	615.2	638.8	662.3	654.0
37.5°	588.9	595.8	620.7	649.8	640.1
40°	565.3	570.9	595.8	624.9	618.0
42.5°	532.1	551.5	579.2	608.3	612.4
45°	515.4	525.1	557.0	590.3	590.3
47.5°	490.5	494.7	539.0	572.2	576.4
50°	461.4	476.6	516.8	551.5	555.6
52.5°	433.7	446.2	494.7	527.9	534.8
55°	399.0	425.4	473.9	505.7	500.2
57.5°	376.9	394.9	450.3	487.7	487.7
60°	342.2	371.3	421.2	461.4	458.6
62.5°	314.5	340.9	394.9	439.2	433.7
65°	284.0	318.7	371.3	415.7	411.5
67.5°	253.6	286.8	349.2	386.6	392.1
70°	221.7	260.5	318.7	360.3	367.2
72.5°	189.8	230.0	292.4	336.7	340.9
75°	158.0	205.1	268.8	307.6	314.5
77.5°	130.2	176.0	238.3	278.5	286.8
80°	98.4	146.9	213.4	257.7	266.0
82.5°	69.3	121.9	185.7	230.0	242.5
85°	41.6	95.6	163.5	213.4	225.8
87.5°	16.6	73.4	144.1	196.8	207.8
90°	0.0	58.2	126.1	178.7	188.4
92.5°	0.0	49.9	117.8	164.9	180.1
95°	0.0	47.1	109.5	159.3	170.4
97.5°	0.0	45.7	103.9	148.3	160.7
100°	1.4	45.7	101.1	141.3	155.2
102.5°	1.4	45.7	98.4	138.6	152.4
105°	1.4	45.7	97.0	134.4	146.9
107.5°	1.4	44.3	95.6	131.6	144.1
110°	2.8	45.7	94.2	128.9	141.3

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TEST NUMBER: P981630
CATALOG NUMBER: 4PWM-2060C5-830-MEDIUMLOW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	*44.3*	91.4	124.7	135.8
115°	4.2	*43.0*	88.7	120.5	131.6
117.5°	4.2	*43.0*	84.5	117.8	128.9
120°	5.5	*41.6*	83.1	112.2	123.3
122.5°	6.9	*43.0*	80.4	108.1	116.4
125°	6.9	*40.2*	77.6	103.9	115.0
127.5°	8.3	*40.2*	76.2	99.8	110.8
130°	9.7	*38.8*	72.1	97.0	102.5
132.5°	11.1	*37.4*	69.3	91.4	99.8
135°	11.1	*37.4*	66.5	87.3	94.2
137.5°	12.5	*34.6*	63.7	83.1	90.1
140°	12.5	*33.3*	61.0	77.6	83.1
142.5°	12.5	*31.9*	58.2	74.8	81.7
145°	12.5	*29.1*	55.4	69.3	73.4
147.5°	12.5	*27.7*	49.9	65.1	70.7
150°	13.9	*26.3*	45.7	61.0	65.1
152.5°	13.9	*24.9*	41.6	55.4	59.6
155°	15.2	*23.6*	38.8	51.3	55.4
157.5°	15.2	*22.2*	33.3	48.5	51.3
160°	16.6	*20.8*	30.5	43.0	47.1
162.5°	18.0	*20.8*	27.7	37.4	41.6
165°	18.0	*19.4*	24.9	31.9	36.0
167.5°	18.0	*19.4*	22.2	26.3	31.9
170°	18.0	*19.4*	19.4	22.2	26.3
172.5°	18.0	*18.0*	19.4	18.0	22.2
175°	19.4	*19.4*	18.0	15.2	19.4
177.5°	19.4	*18.0*	16.6	13.9	15.2
180°	15.2	*15.2*	15.2	15.2	15.2

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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	13.1	14.5	13.7	15.1	15.8	15.2	16.6	15.8	17.2	17.9
	3H	14.9	16.1	15.4	16.7	17.4	17.7	19.0	18.3	19.6	20.2
	4H	15.5	16.7	16.1	17.3	18.0	18.8	20.1	19.4	20.7	21.4
	6H	15.9	17.0	16.5	17.6	18.3	20.0	21.1	20.6	21.7	22.5
	8H	16.0	17.1	16.6	17.7	18.4	20.6	21.7	21.2	22.3	23.0
	12H	16.0	17.1	16.6	17.7	18.4	21.2	22.3	21.8	22.9	23.6
4H	2H	14.1	15.3	14.7	15.9	16.6	15.7	16.9	16.3	17.5	18.2
	3H	16.1	17.1	16.7	17.8	18.5	18.4	19.5	19.0	20.1	20.8
	4H	16.8	17.8	17.5	18.4	19.2	19.7	20.7	20.4	21.4	22.1
	6H	17.4	18.2	18.0	18.9	19.6	21.1	21.9	21.8	22.6	23.4
	8H	17.5	18.3	18.2	19.0	19.8	21.8	22.6	22.4	23.2	24.0
	12H	17.6	18.3	18.3	19.0	19.8	22.5	23.3	23.2	24.0	24.7
8H	4H	17.5	18.3	18.2	19.0	19.8	20.0	20.8	20.7	21.5	22.3
	6H	18.3	18.9	19.0	19.7	20.4	21.5	22.2	22.2	22.9	23.7
	8H	18.5	19.1	19.2	19.9	20.6	22.4	23.0	23.1	23.7	24.5
	12H	18.7	19.2	19.4	19.9	20.8	23.3	23.9	24.0	24.6	25.4
12H	4H	17.7	18.4	18.4	19.1	19.9	20.0	20.7	20.7	21.4	22.2
	6H	18.6	19.2	19.3	19.9	20.7	21.6	22.2	22.3	22.9	23.7
	8H	18.9	19.4	19.6	20.2	21.0	22.5	23.0	23.2	23.8	24.6

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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: SP3-2511-615-11

Test Date: 01/15/2026

Luminaire Tested: PW-S-6K-830-2nd

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

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

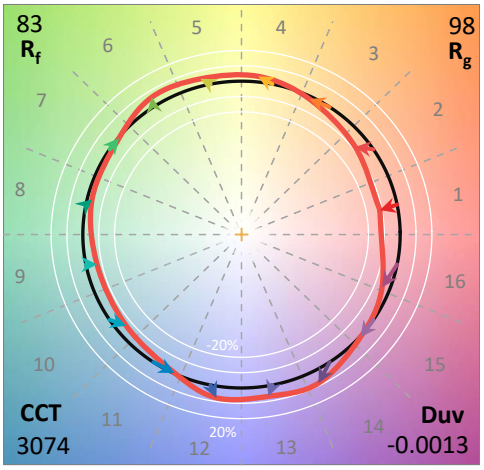
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-615-11
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	01/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**PW-S-6K-830-2nd**
Description:	8.75" Wrap 5 CCT 5 lumen select @6000lms (switch) @3000K 2nd Round

Spectral Parameters

CCT (K):	3074
CIE u':	0.2485
CIE v':	0.5181
Duv:	-0.0013
CIE x:	0.4300
CIE y:	0.3984
CIE z:	0.1716
Peak Wavelength (nm):	605
Dominant Wavelength (nm):	582
Purity:	48.6381
Rf:	83
Rg:	97.9

CRI (Ra):	81.9				
R1:	80.4	R9:	6.0		
R2:	89.2	R10:	75.0		
R3:	96.0	R11:	79.5		
R4:	80.4	R12:	66.9		
R5:	80.2	R13:	82.3		
R6:	86.2	R14:	97.9		
R7:	83.2	R15:	73.4		
R8:	59.5				



Test Conditions

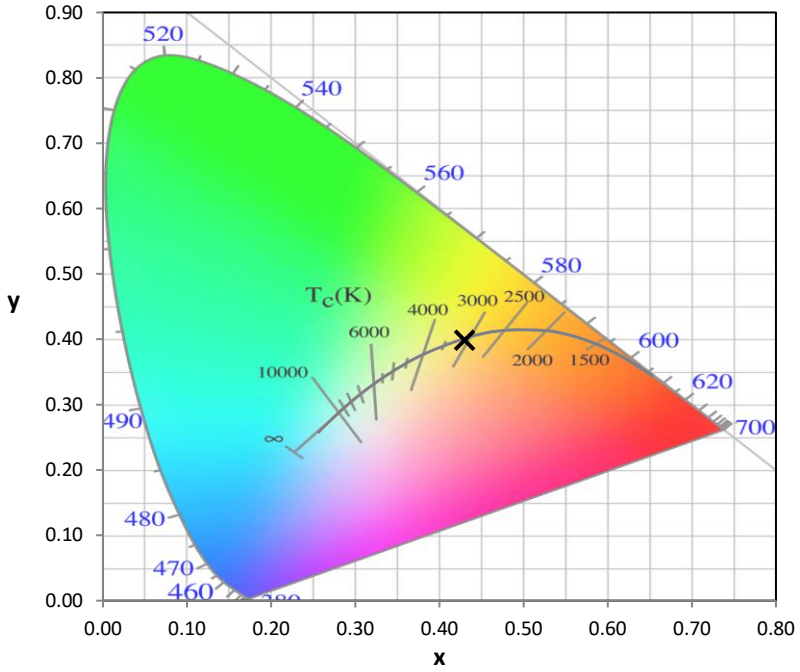
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	24.7

REPORT NUMBER: SP3-2511-615-11

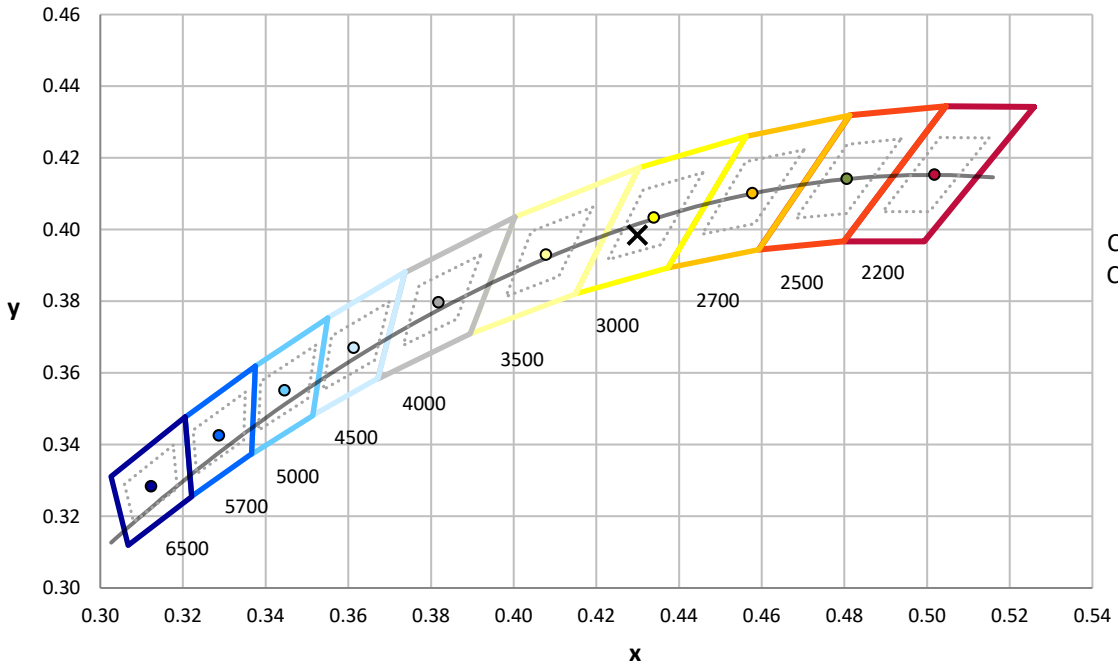
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-615-11

CIE 1931 Chromaticity Diagram



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

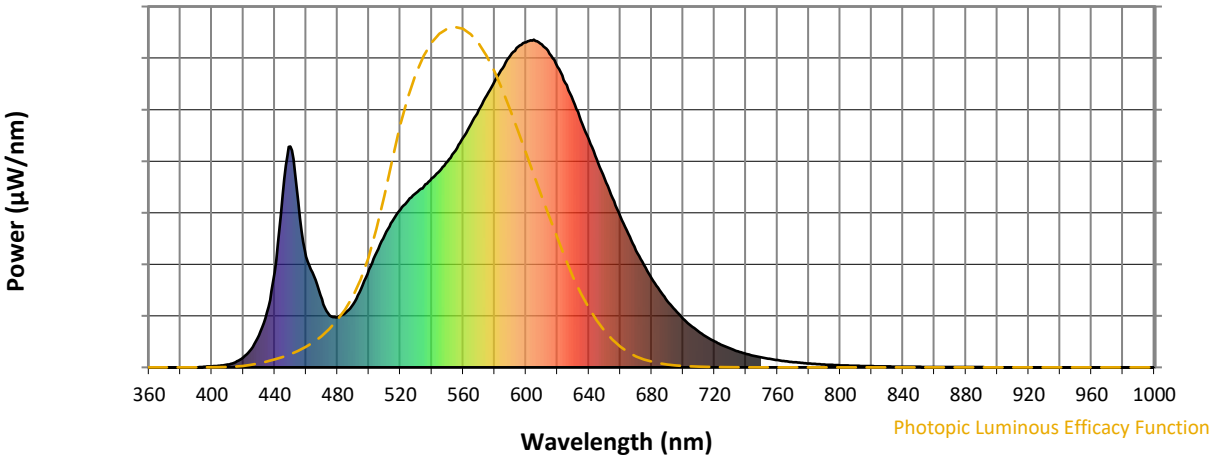


CCT = 3074K
CIE x = 0.4300
CIE y = 0.3984
Duv = -0.0013

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-615-11

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	193	NR	620	917	NR	750	30	NR	880	1	NR
365	0	NR	495	239	NR	625	868	NR	755	26	NR	885	1	NR
370	0	NR	500	299	NR	630	814	NR	760	22	NR	890	1	NR
375	0	NR	505	351	NR	635	753	NR	765	19	NR	895	1	NR
380	0	NR	510	403	NR	640	695	NR	770	16	NR	900	0	NR
385	0	NR	515	446	NR	645	634	NR	775	14	NR	905	0	NR
390	0	NR	520	482	NR	650	576	NR	780	12	NR	910	0	NR
395	2	NR	525	509	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	532	NR	660	461	NR	790	9	NR	920	0	NR
405	5	NR	535	553	NR	665	408	NR	795	7	NR	925	0	NR
410	8	NR	540	577	NR	670	357	NR	800	6	NR	930	0	NR
415	16	NR	545	600	NR	675	313	NR	805	5	NR	935	0	NR
420	30	NR	550	628	NR	680	271	NR	810	5	NR	940	0	NR
425	56	NR	555	661	NR	685	236	NR	815	4	NR	945	0	NR
430	98	NR	560	701	NR	690	203	NR	820	4	NR	950	0	NR
435	168	NR	565	743	NR	695	175	NR	825	3	NR	955	0	NR
440	290	NR	570	786	NR	700	149	NR	830	3	NR	960	0	NR
445	525	NR	575	830	NR	705	127	NR	835	2	NR	965	0	NR
450	674	NR	580	872	NR	710	109	NR	840	2	NR	970	0	NR
455	503	NR	585	912	NR	715	93	NR	845	2	NR	975	0	NR
460	338	NR	590	952	NR	720	79	NR	850	2	NR	980	0	NR
465	279	NR	595	979	NR	725	67	NR	855	1	NR	985	0	NR
470	208	NR	600	993	NR	730	57	NR	860	1	NR	990	0	NR
475	158	NR	605	1000	NR	735	49	NR	865	1	NR	995	0	NR
480	154	NR	610	985	NR	740	41	NR	870	1	NR	1000	0	NR
485	166	NR	615	958	NR	745	35	NR	875	1	NR			

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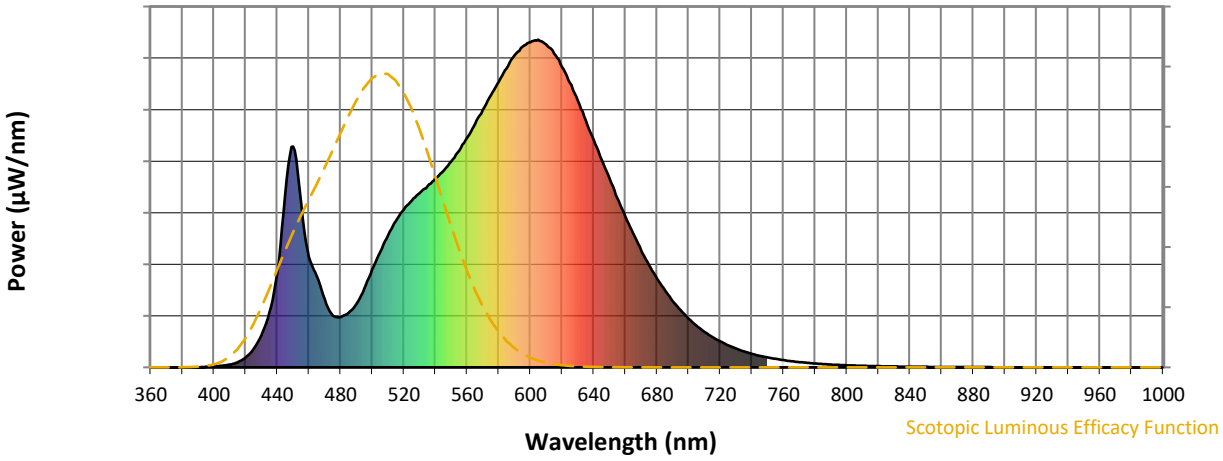
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.35**

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	193	NR	620	917	NR	750	30	NR	880	1	NR
365	0	NR	495	239	NR	625	868	NR	755	26	NR	885	1	NR
370	0	NR	500	299	NR	630	814	NR	760	22	NR	890	1	NR
375	0	NR	505	351	NR	635	753	NR	765	19	NR	895	1	NR
380	0	NR	510	403	NR	640	695	NR	770	16	NR	900	0	NR
385	0	NR	515	446	NR	645	634	NR	775	14	NR	905	0	NR
390	0	NR	520	482	NR	650	576	NR	780	12	NR	910	0	NR
395	2	NR	525	509	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	532	NR	660	461	NR	790	9	NR	920	0	NR
405	5	NR	535	553	NR	665	408	NR	795	7	NR	925	0	NR
410	8	NR	540	577	NR	670	357	NR	800	6	NR	930	0	NR
415	16	NR	545	600	NR	675	313	NR	805	5	NR	935	0	NR
420	30	NR	550	628	NR	680	271	NR	810	5	NR	940	0	NR
425	56	NR	555	661	NR	685	236	NR	815	4	NR	945	0	NR
430	98	NR	560	701	NR	690	203	NR	820	4	NR	950	0	NR
435	168	NR	565	743	NR	695	175	NR	825	3	NR	955	0	NR
440	290	NR	570	786	NR	700	149	NR	830	3	NR	960	0	NR
445	525	NR	575	830	NR	705	127	NR	835	2	NR	965	0	NR
450	674	NR	580	872	NR	710	109	NR	840	2	NR	970	0	NR
455	503	NR	585	912	NR	715	93	NR	845	2	NR	975	0	NR
460	338	NR	590	952	NR	720	79	NR	850	2	NR	980	0	NR
465	279	NR	595	979	NR	725	67	NR	855	1	NR	985	0	NR
470	208	NR	600	993	NR	730	57	NR	860	1	NR	990	0	NR
475	158	NR	605	1000	NR	735	49	NR	865	1	NR	995	0	NR
480	154	NR	610	985	NR	740	41	NR	870	1	NR	1000	0	NR
485	166	NR	615	958	NR	745	35	NR	875	1	NR			

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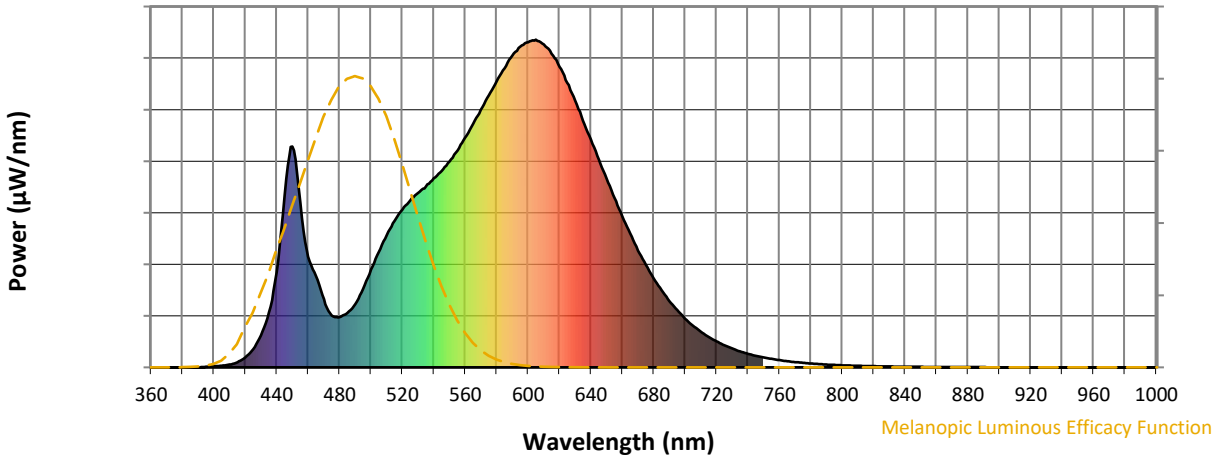
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.58**

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	193	NR	620	917	NR	750	30	NR	880	1	NR
365	0	NR	495	239	NR	625	868	NR	755	26	NR	885	1	NR
370	0	NR	500	299	NR	630	814	NR	760	22	NR	890	1	NR
375	0	NR	505	351	NR	635	753	NR	765	19	NR	895	1	NR
380	0	NR	510	403	NR	640	695	NR	770	16	NR	900	0	NR
385	0	NR	515	446	NR	645	634	NR	775	14	NR	905	0	NR
390	0	NR	520	482	NR	650	576	NR	780	12	NR	910	0	NR
395	2	NR	525	509	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	532	NR	660	461	NR	790	9	NR	920	0	NR
405	5	NR	535	553	NR	665	408	NR	795	7	NR	925	0	NR
410	8	NR	540	577	NR	670	357	NR	800	6	NR	930	0	NR
415	16	NR	545	600	NR	675	313	NR	805	5	NR	935	0	NR
420	30	NR	550	628	NR	680	271	NR	810	5	NR	940	0	NR
425	56	NR	555	661	NR	685	236	NR	815	4	NR	945	0	NR
430	98	NR	560	701	NR	690	203	NR	820	4	NR	950	0	NR
435	168	NR	565	743	NR	695	175	NR	825	3	NR	955	0	NR
440	290	NR	570	786	NR	700	149	NR	830	3	NR	960	0	NR
445	525	NR	575	830	NR	705	127	NR	835	2	NR	965	0	NR
450	674	NR	580	872	NR	710	109	NR	840	2	NR	970	0	NR
455	503	NR	585	912	NR	715	93	NR	845	2	NR	975	0	NR
460	338	NR	590	952	NR	720	79	NR	850	2	NR	980	0	NR
465	279	NR	595	979	NR	725	67	NR	855	1	NR	985	0	NR
470	208	NR	600	993	NR	730	57	NR	860	1	NR	990	0	NR
475	158	NR	605	1000	NR	735	49	NR	865	1	NR	995	0	NR
480	154	NR	610	985	NR	740	41	NR	870	1	NR	1000	0	NR
485	166	NR	615	958	NR	745	35	NR	875	1	NR			

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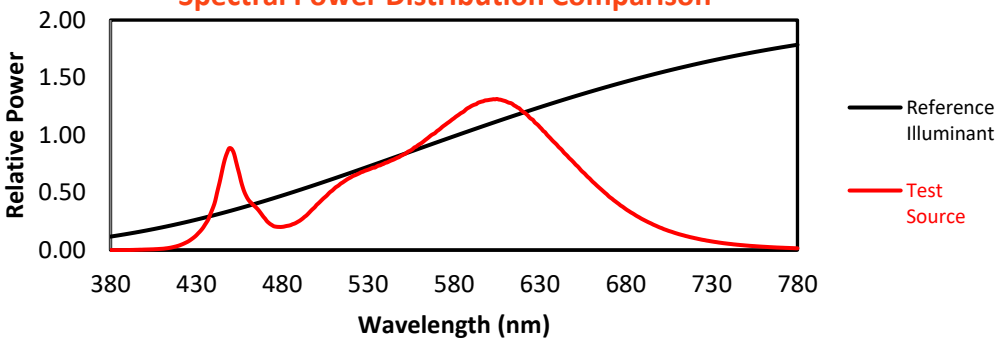
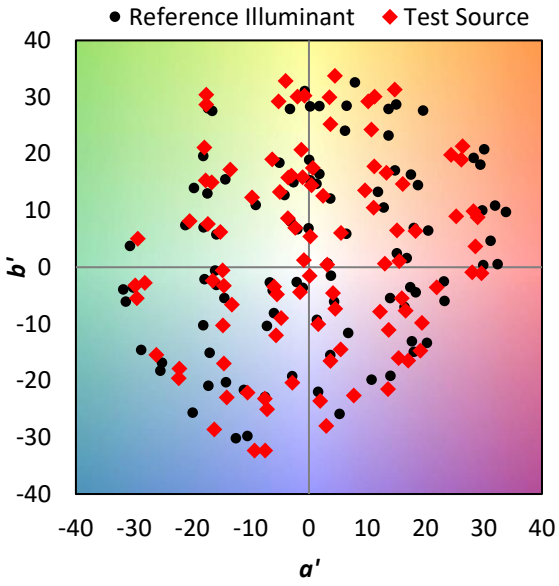
Summary

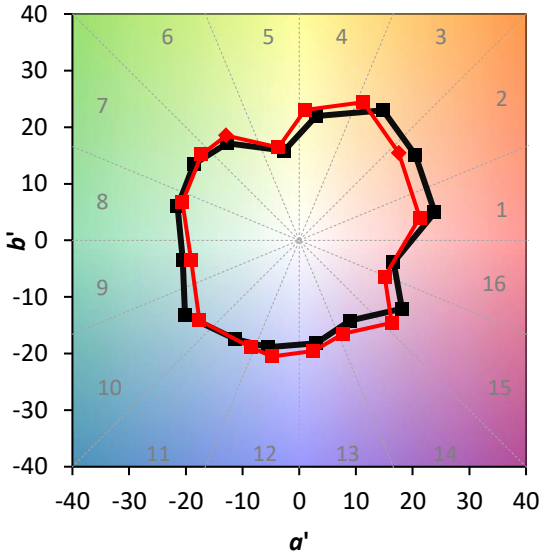
R_f = 83
R_g = 97.9
CIE R_a = 81.9
R_9 = 6.0

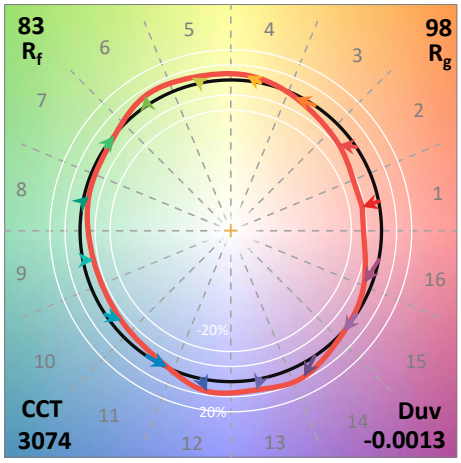
Spectral Power Distribution Comparison

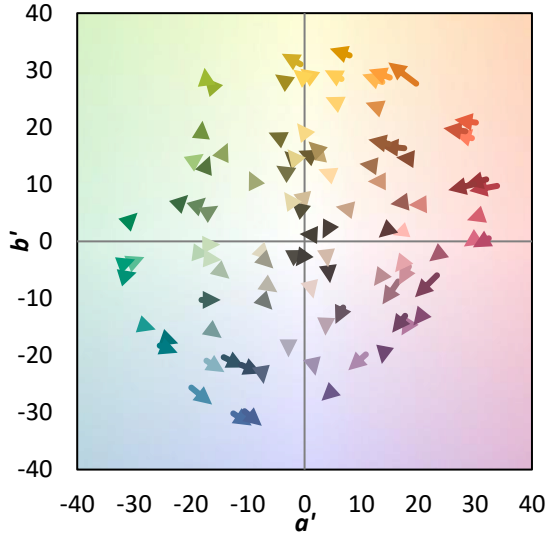


Color Vector Graphics









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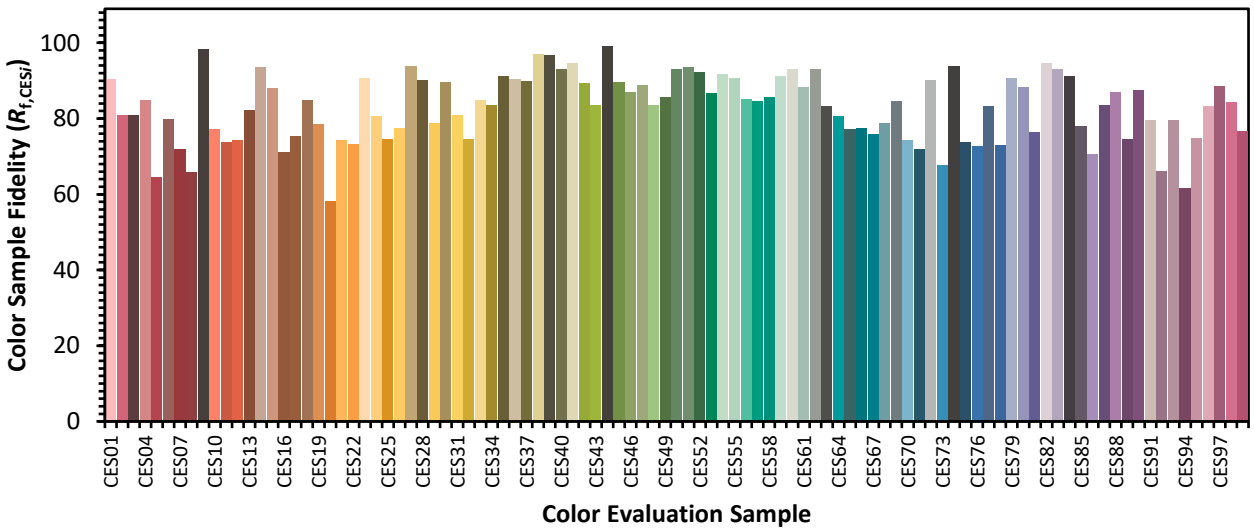
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 77	CES51 = 94	CES76 = 73
CES02 = 63	CES27 = 94	CES52 = 92	CES77 = 83
CES03 = 31	CES28 = 90	CES53 = 87	CES78 = 73
CES04 = 70	CES29 = 79	CES54 = 92	CES79 = 91
CES05 = 50	CES30 = 90	CES55 = 91	CES80 = 88
CES06 = 51	CES31 = 81	CES56 = 85	CES81 = 76
CES07 = 42	CES32 = 75	CES57 = 85	CES82 = 95
CES08 = 41	CES33 = 85	CES58 = 86	CES83 = 93
CES09 = 29	CES34 = 84	CES59 = 91	CES84 = 91
CES10 = 76	CES35 = 91	CES60 = 93	CES85 = 78
CES11 = 59	CES36 = 90	CES61 = 88	CES86 = 71
CES12 = 65	CES37 = 90	CES62 = 93	CES87 = 83
CES13 = 43	CES38 = 97	CES63 = 83	CES88 = 87
CES14 = 74	CES39 = 97	CES64 = 81	CES89 = 74
CES15 = 71	CES40 = 93	CES65 = 77	CES90 = 88
CES16 = 47	CES41 = 95	CES66 = 77	CES91 = 79
CES17 = 50	CES42 = 89	CES67 = 76	CES92 = 66
CES18 = 56	CES43 = 83	CES68 = 79	CES93 = 80
CES19 = 72	CES44 = 99	CES69 = 85	CES94 = 62
CES20 = 66	CES45 = 90	CES70 = 74	CES95 = 75
CES21 = 87	CES46 = 87	CES71 = 72	CES96 = 83
CES22 = 79	CES47 = 89	CES72 = 90	CES97 = 89
CES23 = 92	CES48 = 84	CES73 = 68	CES98 = 84
CES24 = 91	CES49 = 86	CES74 = 94	CES99 = 77
CES25 = 72	CES50 = 93	CES75 = 74	



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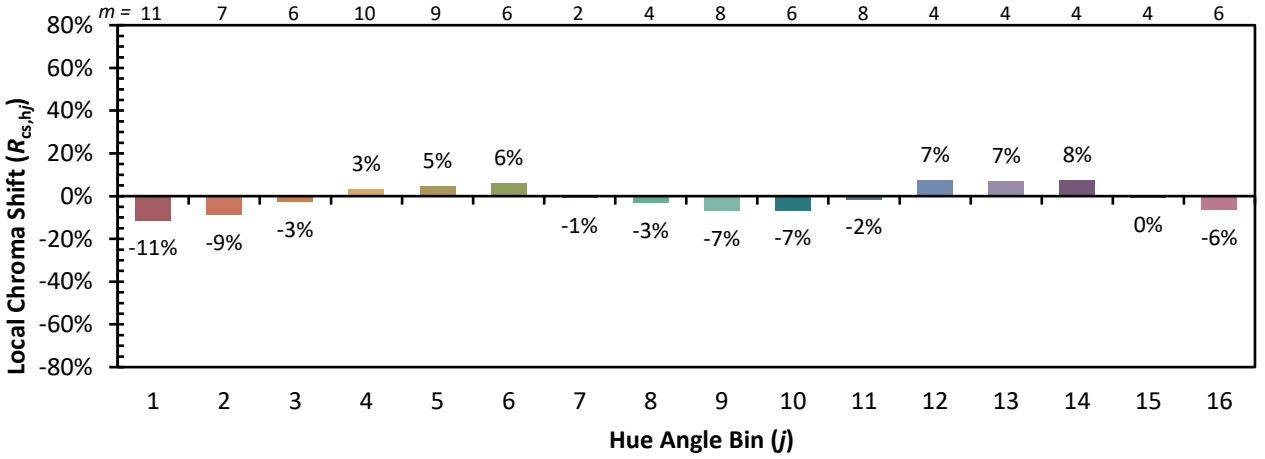
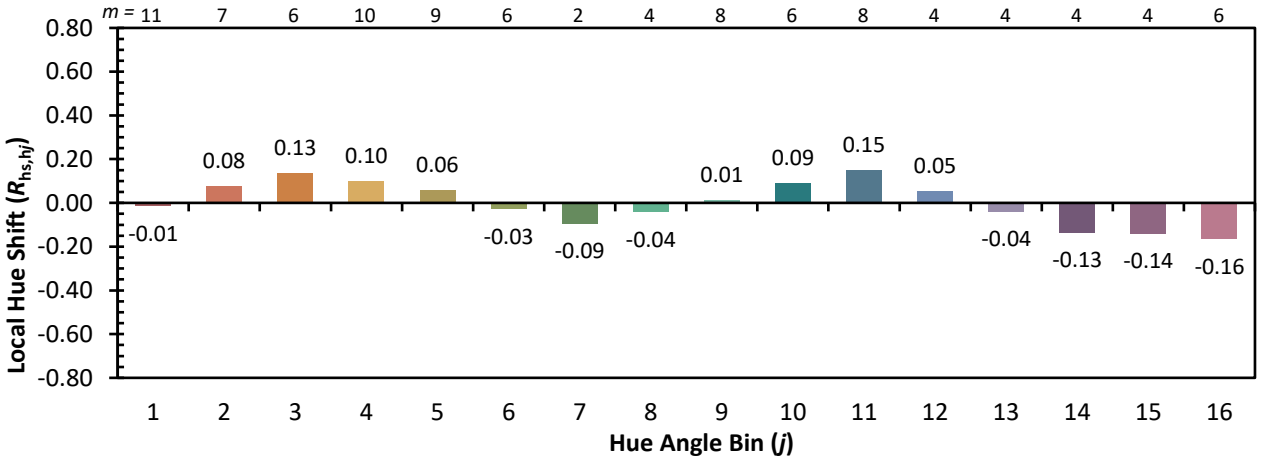
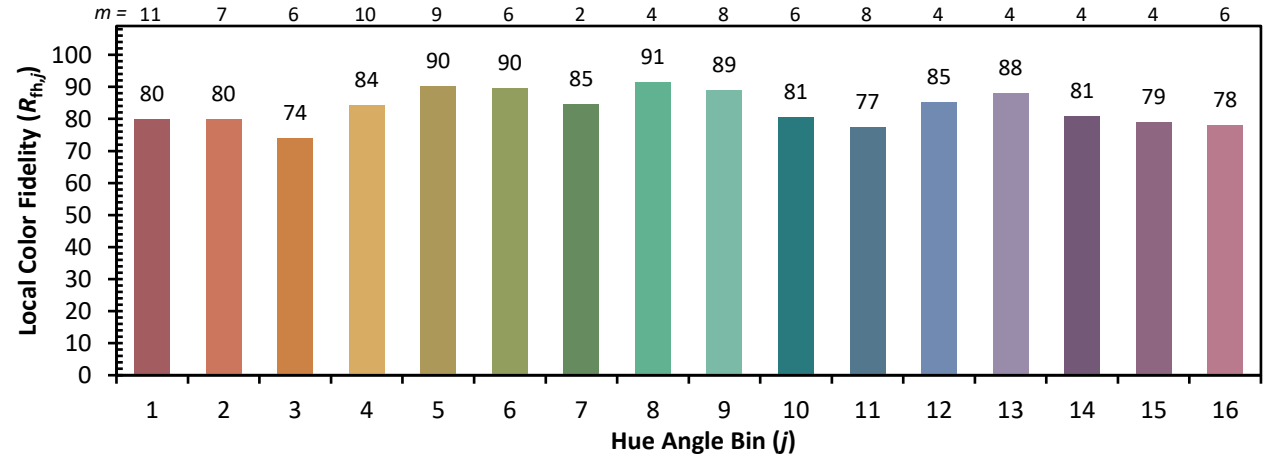
Color Rendition by Hue-Angle Bin







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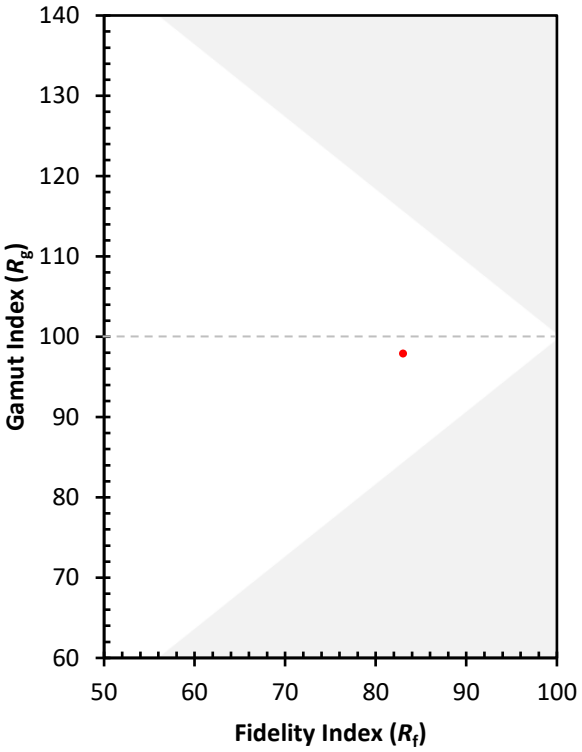
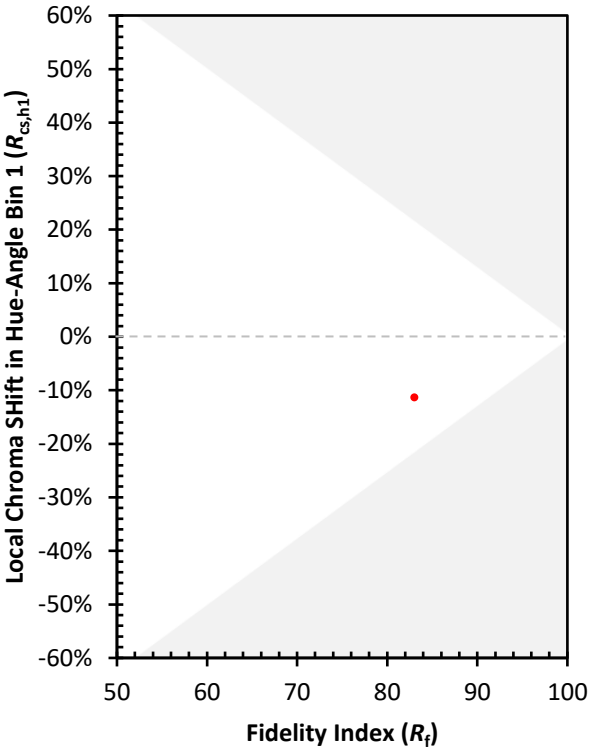
Measure Comparisons





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