

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: P981639

Luminaire Tested: 4PWM-2060C5-850-MEDIUM

Issue Date: 01/28/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P981639  
Test Lab: INNOVATION CENTER(P3)  
Issue Date: 01/28/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4PWM-2060C5-850-MEDIUM  
Description: METALUX 8.75 INCH PROWRAP 80CRI 5000K FIXTURE MEDIUM OUTPUT SETTING  
Light Source: 5000K CCT, 80+ CRI LEDS  
Ballast/Driver: -

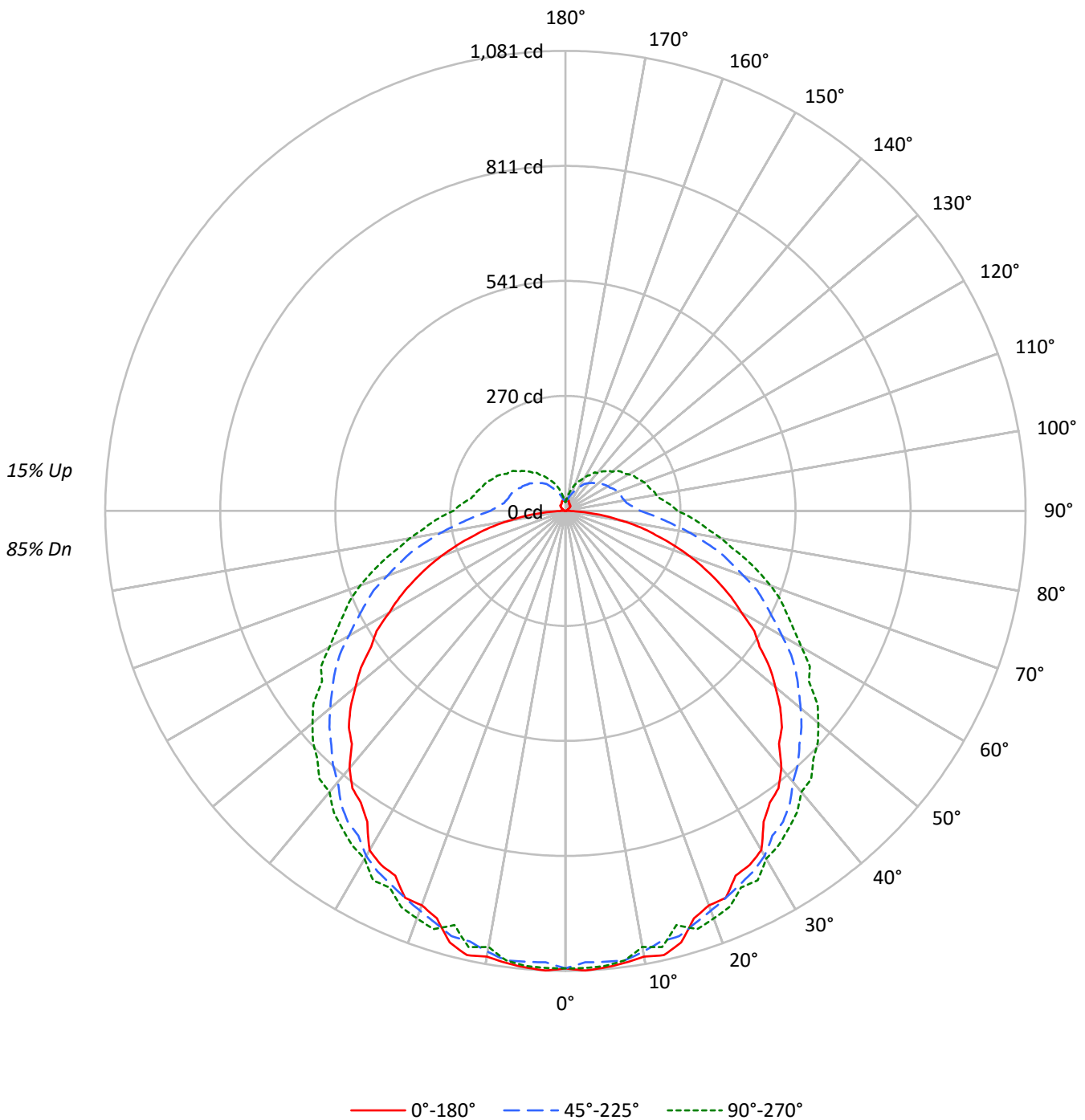
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4317.9 lumens  
Efficiency: N/A  
Efficacy: 133.3 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): 32.4  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

TEST NUMBER: P981639  
CATALOG NUMBER: 4PWM-2060C5-850-MEDIUM

### Luminous Intensity Polar Plot





TEST NUMBER: P981639  
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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	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	50	30	10	0
RCR																					
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	89	89	89	85
1	103	98	93	88	99	94	90	85	87	83	80	81	78	75	75	72	70	75	72	70	67
2	93	84	77	70	89	81	74	68	75	69	64	69	65	61	64	61	57	64	61	57	54
3	84	73	64	57	81	70	62	56	65	59	53	61	55	50	56	52	48	56	52	48	45
4	77	64	55	48	73	62	54	47	58	50	45	54	47	43	50	45	40	50	45	40	38
5	71	57	48	41	67	55	47	40	51	44	38	48	42	37	45	39	35	45	39	35	32
6	65	51	42	35	62	50	41	35	46	39	33	43	37	32	40	35	30	40	35	30	28
7	60	46	37	31	57	45	36	30	42	35	29	39	33	28	37	31	27	37	31	27	25
8	56	42	33	27	53	41	33	27	38	31	26	36	30	25	34	28	24	34	28	24	22
9	52	39	30	25	50	37	29	24	35	28	23	33	27	22	31	26	21	31	26	21	19
10	49	35	27	22	47	34	27	22	32	26	21	31	24	20	29	23	19	29	23	19	18

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	4216	4216	4216
5°	4222	4109	4132
10°	4198	4034	3963
15°	4207	3969	3827
20°	4042	3867	3889
25°	3999	3807	3773
30°	4052	3766	3721
35°	3873	3705	3703
40°	3877	3601	3632
45°	3800	3543	3635
50°	3708	3497	3622
55°	3554	3452	3492
60°	3448	3352	3475
65°	3323	3282	3436
70°	3120	3196	3444
75°	2815	3141	3396
80°	2417	3016	3413
85°	1662	2951	3603

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 90°  
 Luminance: 4015 cd/sqm



TEST NUMBER: P981639  
 CATALOG NUMBER: 4PWM-2060C5-850-MEDIUM

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.1	2.4
10°-20°	292.3	6.8
20°-30°	450.4	10.4
30°-40°	555.2	12.9
40°-50°	599.6	13.9
50°-60°	580.0	13.4
60°-70°	500.6	11.6
70°-80°	374.1	8.7
80°-90°	233.5	5.4
90°-100°	153.6	3.6
100°-110°	130.0	3.0
110°-120°	111.1	2.6
120°-130°	88.9	2.1
130°-140°	65.8	1.5
140°-150°	43.5	1.0
150°-160°	24.2	0.6
160°-170°	10.5	0.2
170°-180°	2.5	0.1
0°-30°	844.8	19.6
0°-40°	1400.1	32.4
0°-60°	2579.6	59.7
0°-90°	3687.8	85.4
90°-120°	394.8	9.1
90°-150°	592.9	13.7
90°-180°	630.0	14.6
0°-180°	4317.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1075	1075	1075	1075	1075	
5°	1077	1085	1064	1073	1073	102
15°	1050	1036	1034	1042	1008	293
25°	946	969	969	1011	976	441
35°	837	859	891	924	913	529
45°	719	733	777	824	824	553
55°	557	594	661	706	698	503
65°	396	445	518	580	574	392
75°	220	286	375	429	439	235
85°	58	133	228	298	315	64
90°	0	81	176	250	263	3
95°	0	66	153	222	238	1
105°	2	64	135	188	205	2
115°	6	60	124	168	184	5
125°	10	56	108	145	160	9
135°	16	52	93	122	132	12
145°	17	41	77	97	102	11
155°	21	33	54	72	77	10
165°	25	27	35	44	50	7
175°	27	27	25	21	27	2
180°	21	21	21	21	21	



TEST NUMBER: P981639

CATALOG NUMBER: 4PWM-2060C5-850-MEDIUM

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1075.1	1075.1	1075.1	1075.1	1075.1
2.5°	1081.0	1086.8	1061.6	1075.1	1075.1
5°	1077.1	1084.8	1063.5	1073.2	1073.2
7.5°	1071.3	1061.6	1065.5	1084.8	1065.5
10°	1063.5	1059.7	1051.9	1077.1	1040.3
12.5°	1069.3	1038.4	1036.5	1061.6	1050.0
15°	1050.0	1036.5	1034.5	1042.3	1007.5
17.5°	1003.6	1011.3	1015.2	1030.7	1030.7
20°	986.2	1001.7	999.7	1019.1	1019.1
22.5°	984.3	982.3	984.3	1007.5	1007.5
25°	945.6	968.8	968.8	1011.3	976.5
27.5°	937.9	945.6	955.3	982.3	978.5
30°	920.5	910.8	935.9	959.1	943.7
32.5°	866.3	879.8	905.0	943.7	932.1
35°	837.3	858.6	891.4	924.3	912.7
37.5°	821.8	831.5	866.3	906.9	893.4
40°	789.0	796.7	831.5	872.1	862.4
42.5°	742.5	769.6	808.3	848.9	854.7
45°	719.3	732.9	777.4	823.8	823.8
47.5°	684.5	690.3	752.2	798.6	804.4
50°	643.9	665.2	721.3	769.6	775.4
52.5°	605.3	622.7	690.3	736.7	746.4
55°	556.9	593.7	661.3	705.8	698.1
57.5°	526.0	551.1	628.5	680.7	680.7
60°	477.6	518.2	587.9	643.9	640.1
62.5°	439.0	475.7	551.1	613.0	605.3
65°	396.4	444.8	518.2	580.1	574.3
67.5°	353.9	400.3	487.3	539.5	547.2
70°	309.4	363.5	444.8	502.8	512.4
72.5°	264.9	321.0	408.0	469.9	475.7
75°	220.4	286.2	375.1	429.3	439.0
77.5°	181.8	245.6	332.6	388.7	400.3
80°	137.3	205.0	297.8	359.7	371.3
82.5°	96.7	170.2	259.1	321.0	338.4
85°	58.0	133.4	228.2	297.8	315.2
87.5°	23.2	102.5	201.1	274.6	290.1
90°	0.0	81.2	176.0	249.5	263.0
92.5°	0.0	69.6	164.4	230.1	251.4
95°	0.0	65.7	152.8	222.4	237.8
97.5°	0.0	63.8	145.0	206.9	224.3
100°	1.9	63.8	141.2	197.2	216.6
102.5°	1.9	63.8	137.3	193.4	212.7
105°	1.9	63.8	135.4	187.6	205.0
107.5°	1.9	61.9	133.4	183.7	201.1
110°	3.9	63.8	131.5	179.8	197.2



TEST NUMBER: P981639  
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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	3.9	61.9	127.6	174.0	189.5
115°	5.8	59.9	123.8	168.2	183.7
117.5°	5.8	59.9	118.0	164.4	179.8
120°	7.7	58.0	116.0	156.6	172.1
122.5°	9.7	59.9	112.2	150.8	162.4
125°	9.7	56.1	108.3	145.0	160.5
127.5°	11.6	56.1	106.4	139.2	154.7
130°	13.5	54.1	100.6	135.4	143.1
132.5°	15.5	52.2	96.7	127.6	139.2
135°	15.5	52.2	92.8	121.8	131.5
137.5°	17.4	48.3	89.0	116.0	125.7
140°	17.4	46.4	85.1	108.3	116.0
142.5°	17.4	44.5	81.2	104.4	114.1
145°	17.4	40.6	77.3	96.7	102.5
147.5°	17.4	38.7	69.6	90.9	98.6
150°	19.3	36.7	63.8	85.1	90.9
152.5°	19.3	34.8	58.0	77.3	83.2
155°	21.3	32.9	54.1	71.5	77.3
157.5°	21.3	30.9	46.4	67.7	71.5
160°	23.2	29.0	42.5	59.9	65.7
162.5°	25.1	29.0	38.7	52.2	58.0
165°	25.1	27.1	34.8	44.5	50.3
167.5°	25.1	27.1	30.9	36.7	44.5
170°	25.1	27.1	27.1	30.9	36.7
172.5°	25.1	25.1	27.1	25.1	30.9
175°	27.1	27.1	25.1	21.3	27.1
177.5°	27.1	25.1	23.2	19.3	21.3
180°	21.3	21.3	21.3	21.3	21.3



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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	14.3	15.7	14.9	16.3	16.9	16.4	17.8	17.0	18.4	19.0
	3H	16.0	17.3	16.6	17.9	18.6	18.8	20.1	19.4	20.7	21.4
	4H	16.6	17.8	17.2	18.4	19.1	20.0	21.2	20.6	21.8	22.5
	6H	17.0	18.2	17.6	18.8	19.5	21.2	22.3	21.8	22.9	23.6
	8H	17.1	18.2	17.8	18.8	19.6	21.7	22.8	22.4	23.5	24.2
	12H	17.2	18.2	17.8	18.8	19.6	22.4	23.4	23.0	24.0	24.8
4H	2H	15.3	16.5	15.9	17.1	17.8	16.9	18.1	17.5	18.7	19.4
	3H	17.2	18.3	17.8	18.9	19.6	19.6	20.6	20.2	21.3	22.0
	4H	18.0	18.9	18.6	19.6	20.3	20.9	21.9	21.5	22.5	23.3
	6H	18.5	19.4	19.2	20.0	20.8	22.3	23.1	22.9	23.8	24.5
	8H	18.7	19.5	19.3	20.1	20.9	22.9	23.7	23.6	24.4	25.2
	12H	18.8	19.5	19.4	20.2	21.0	23.7	24.4	24.4	25.1	25.9
8H	4H	18.7	19.5	19.4	20.2	20.9	21.2	22.0	21.8	22.6	23.4
	6H	19.4	20.1	20.1	20.8	21.6	22.7	23.4	23.4	24.1	24.9
	8H	19.7	20.3	20.4	21.0	21.8	23.5	24.1	24.2	24.9	25.7
	12H	19.9	20.4	20.6	21.1	22.0	24.5	25.0	25.2	25.7	26.6
12H	4H	18.9	19.6	19.6	20.3	21.1	21.2	21.9	21.9	22.6	23.4
	6H	19.7	20.3	20.4	21.0	21.9	22.8	23.4	23.5	24.1	24.9
	8H	20.1	20.6	20.8	21.3	22.2	23.7	24.2	24.4	24.9	25.8

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\*

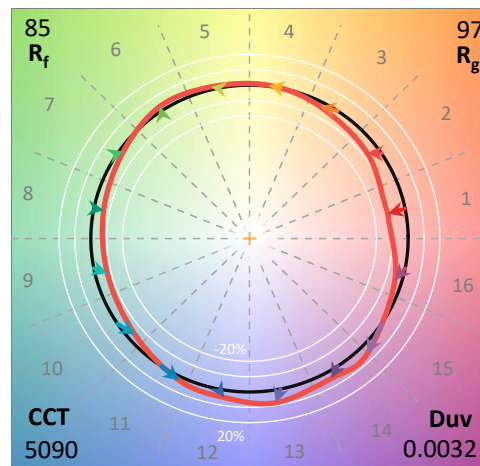
**Test Information**

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  
 CIE u': 0.2083  
 CIE v': 0.4867  
 Duv: 0.0032  
 CIE x: 0.3431  
 CIE y: 0.3563  
 CIE z: 0.3006  
 Peak Wavelength (nm): 450  
 Dominant Wavelength (nm): 568  
 Purity: 9.863329  
 Rf: 84.8  
 Rg: 96.7

CRI (Ra):	84.2		
R1:	82.7	R9:	12.9
R2:	88.6	R10:	73.0
R3:	92.8	R11:	84.5
R4:	84.6	R12:	62.9
R5:	83.4	R13:	84.2
R6:	84.2	R14:	96.2
R7:	87.9	R15:	77.0
R8:	69.4		



**Test Conditions**

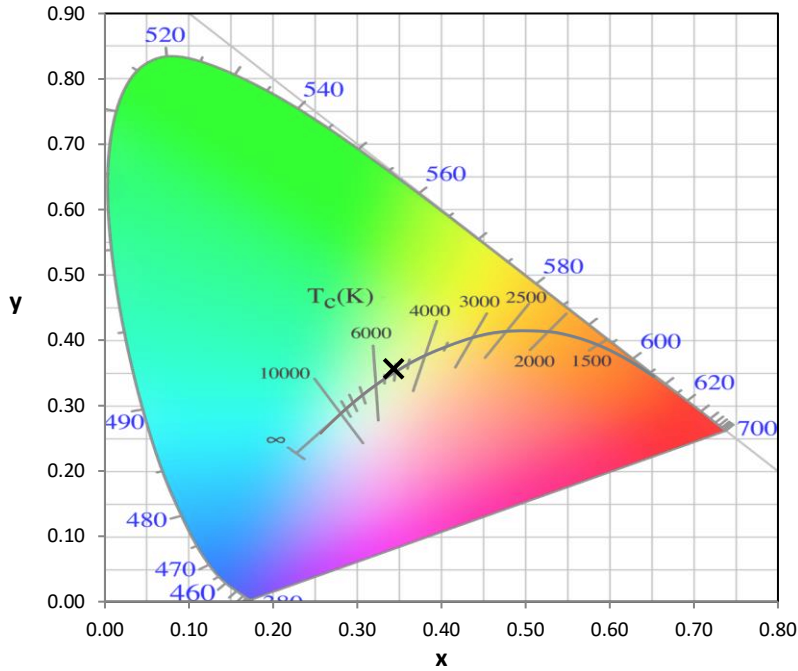
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.0

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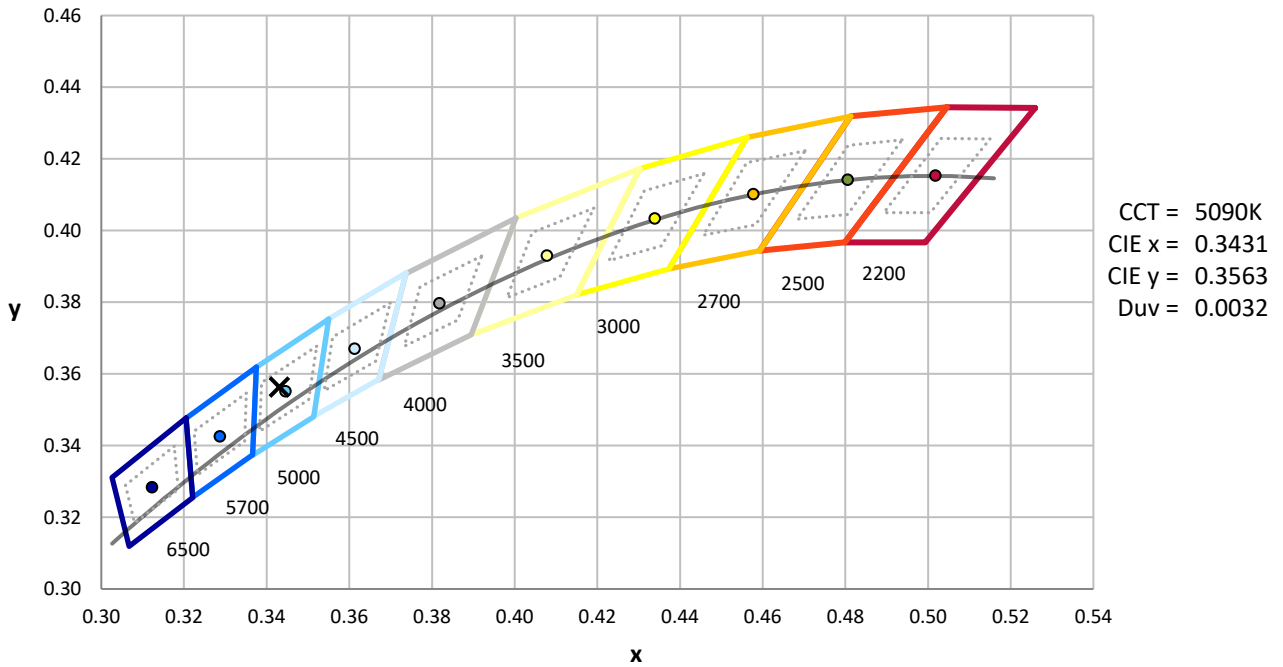
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

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**CIE 1931 Chromaticity Diagram**



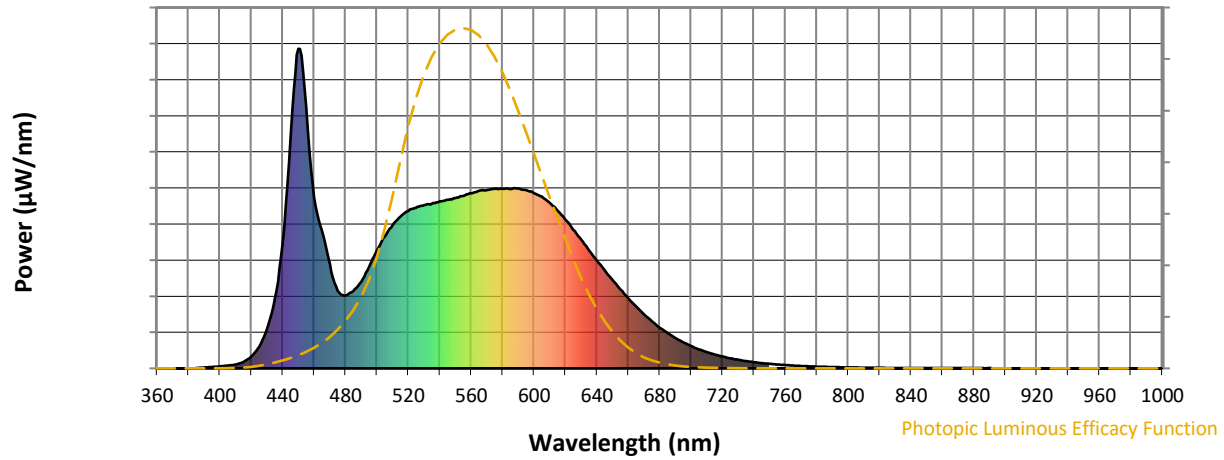
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 5000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

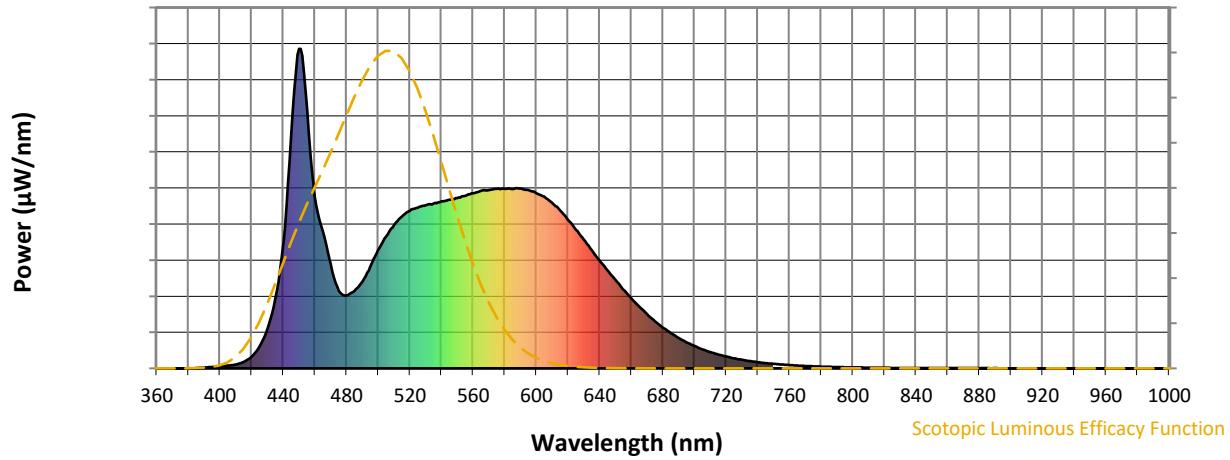


**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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**



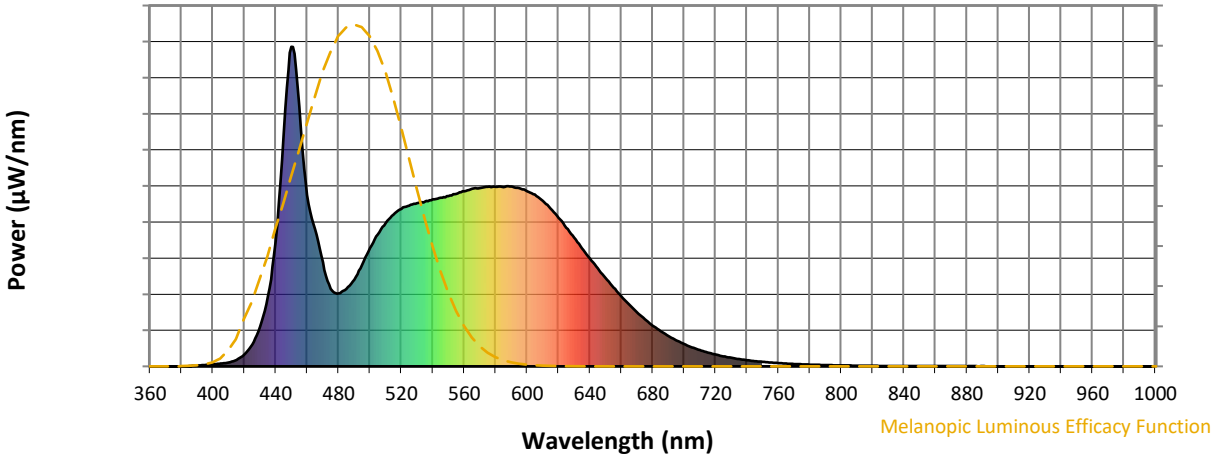
**Scotopic Lumens: NR**

**S/P: 1.99**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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



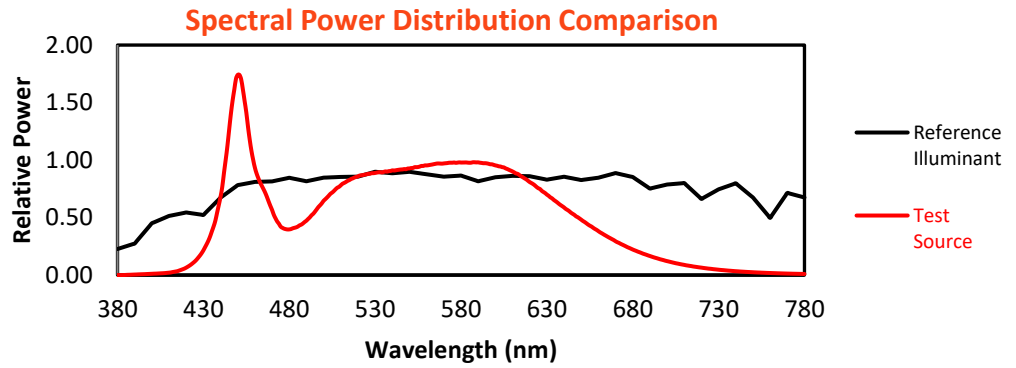
Melanopic Lumens: NR

M/P: 4.23

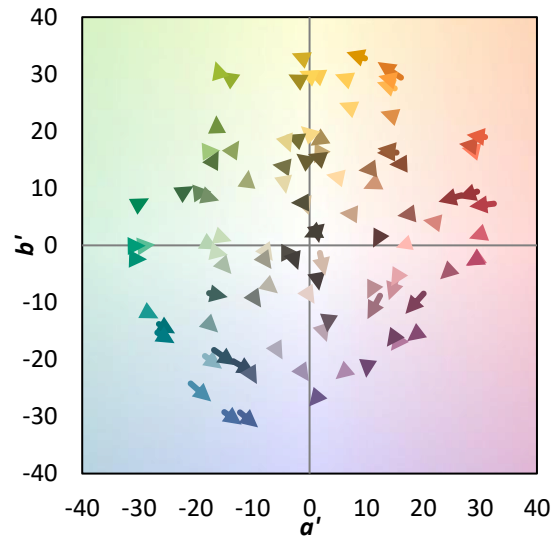
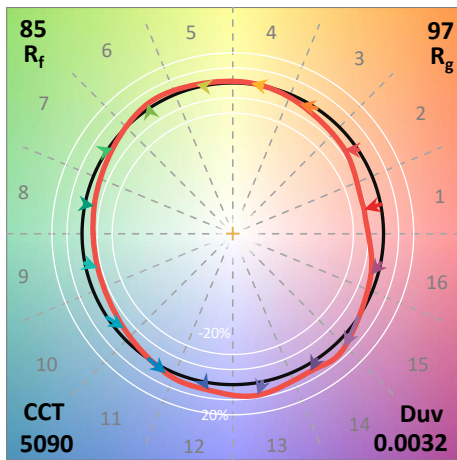
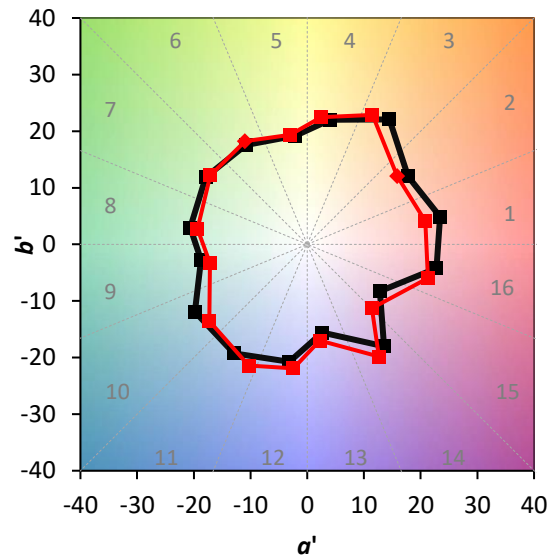
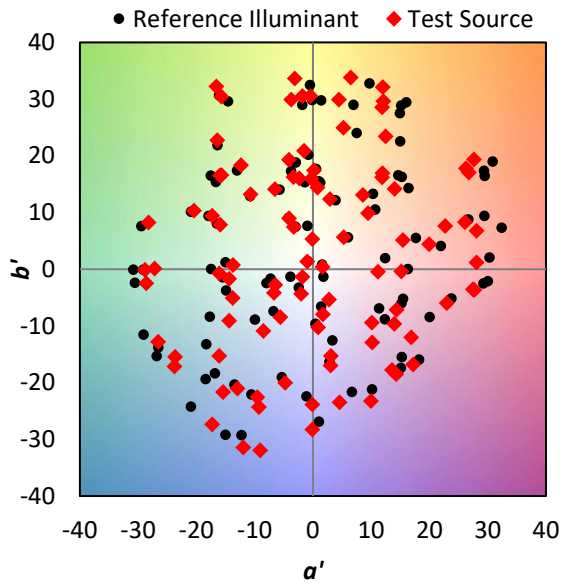
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	272	NR	620	465	NR	750	14	NR	880	1	NR
365	0	NR	495	317	NR	625	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			

**Summary**

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

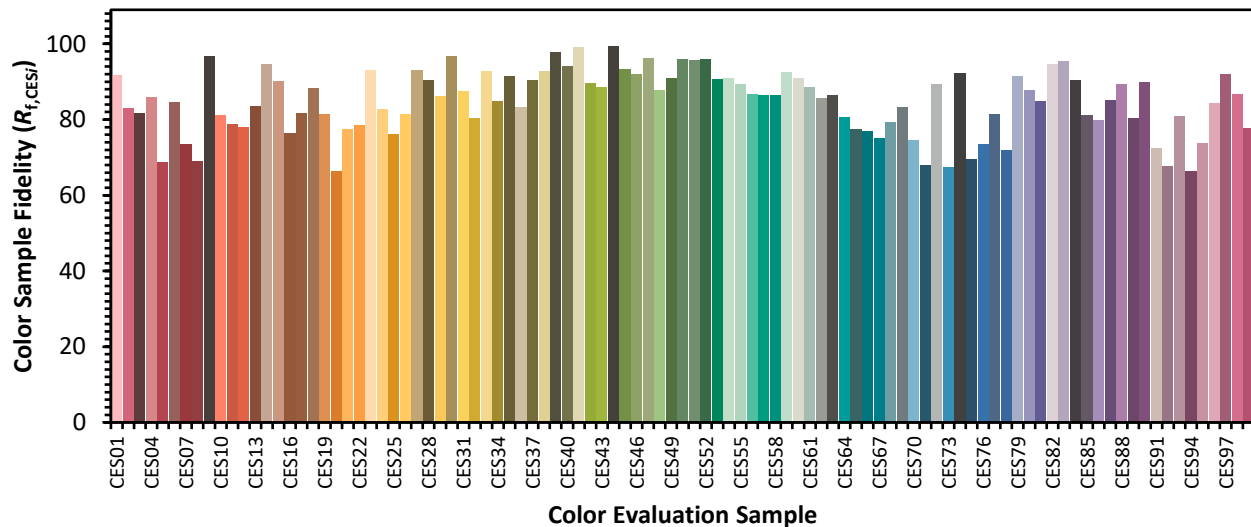


**Color Vector Graphics**

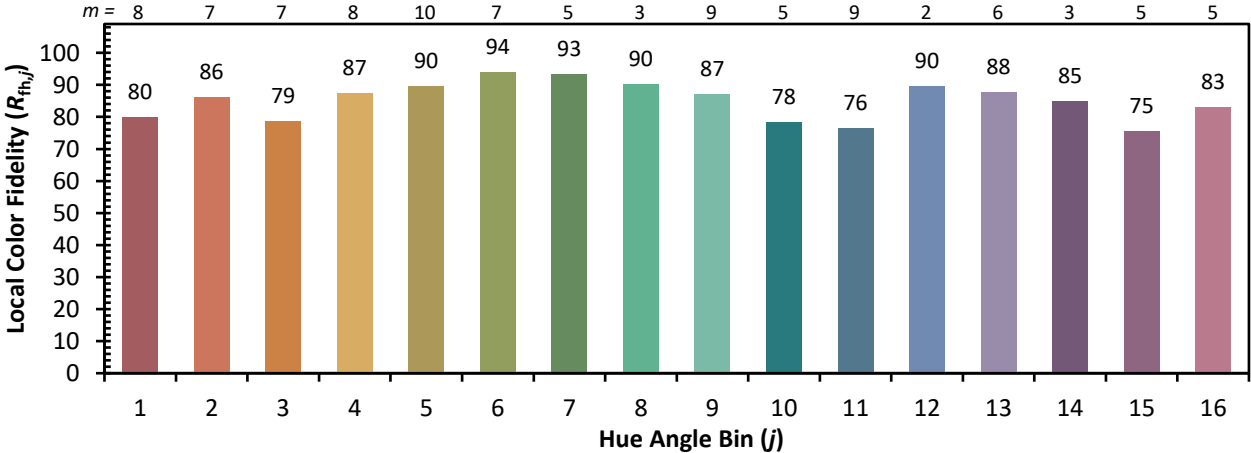
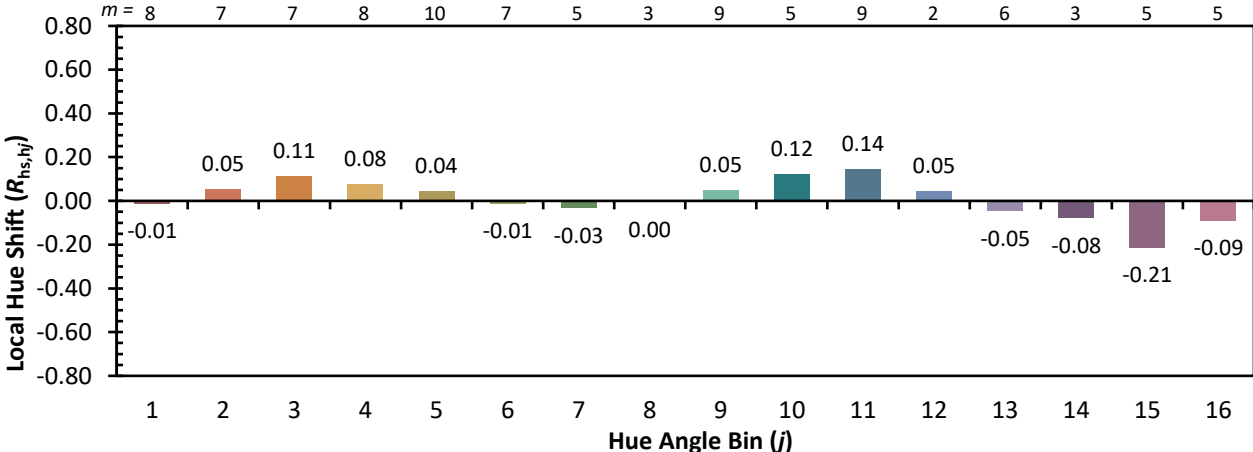
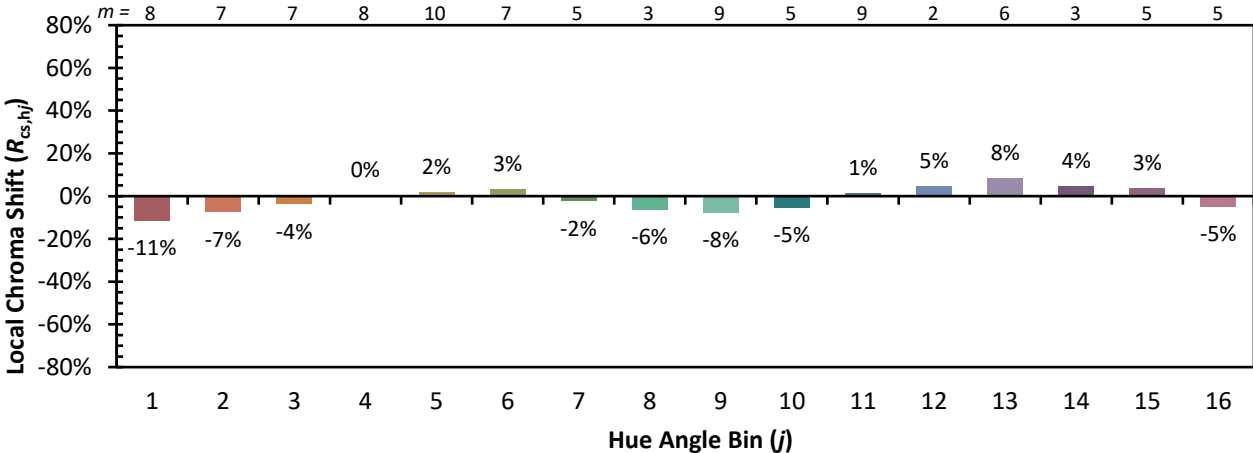


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

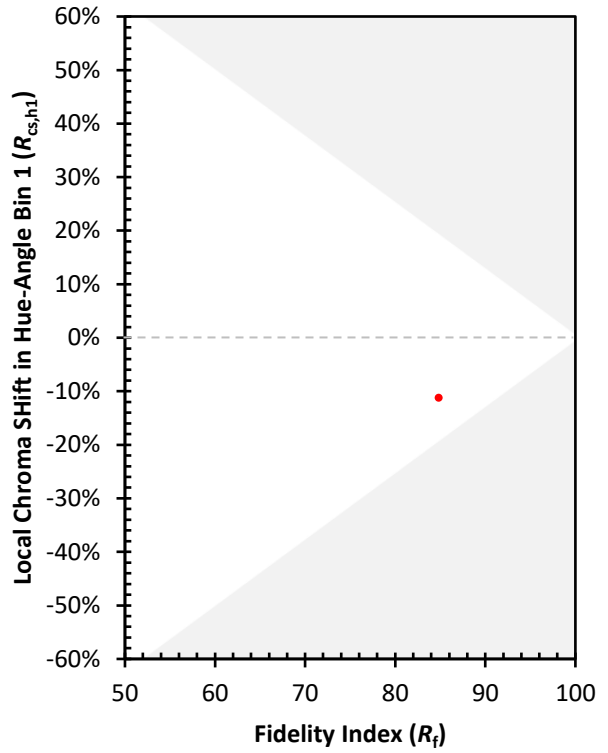
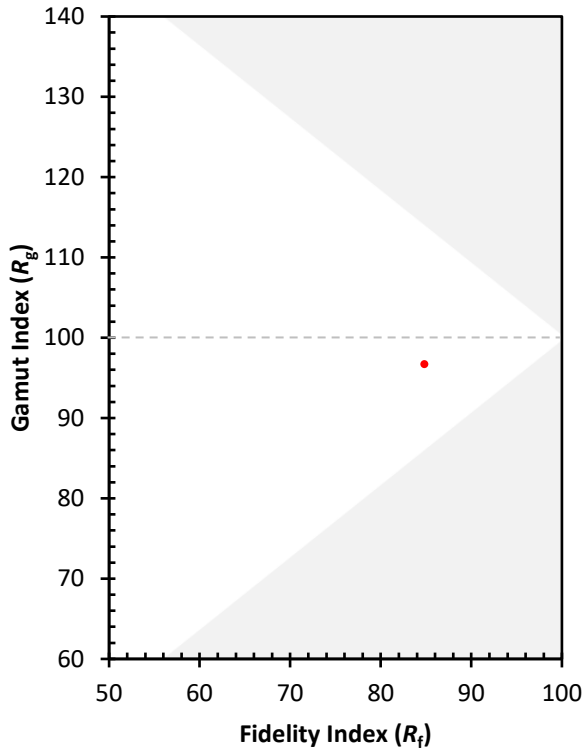
CES01 = 85	CES26 = 81	CES51 = 96	CES76 = 74
CES02 = 60	CES27 = 93	CES52 = 96	CES77 = 81
CES03 = 30	CES28 = 90	CES53 = 91	CES78 = 72
CES04 = 69	CES29 = 86	CES54 = 91	CES79 = 91
CES05 = 47	CES30 = 97	CES55 = 89	CES80 = 88
CES06 = 50	CES31 = 88	CES56 = 87	CES81 = 85
CES07 = 40	CES32 = 80	CES57 = 86	CES82 = 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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)