

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: P981635

Luminaire Tested: 4PWM-2060C5-830-MEDIUM

Issue Date: 01/28/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P981635  
Test Lab: INNOVATION CENTER(P3)  
Issue Date: 01/28/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4PWM-2060C5-830-MEDIUM  
Description: METALUX 8.75 INCH PROWRAP 80CRI 3000K FIXTURE MEDIUM OUTPUT SETTING  
Light Source: 3000K CCT, 80+ CRI LEDS  
Ballast/Driver: -

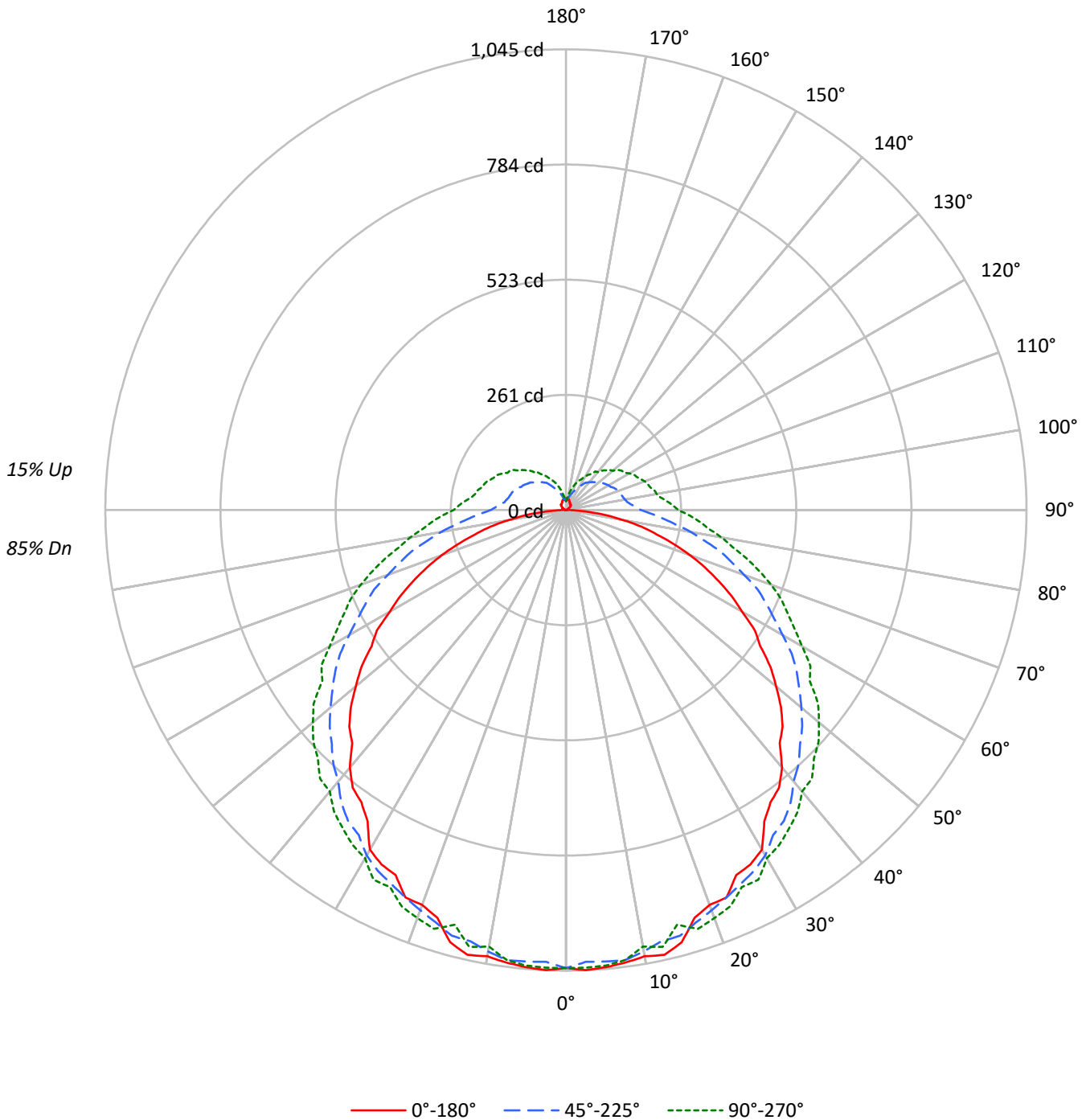
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4172.9 lumens  
Efficiency: N/A  
Efficacy: 128.8 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: P981635  
CATALOG NUMBER: 4PWM-2060C5-830-MEDIUM

### Luminous Intensity Polar Plot





TEST NUMBER: P981635  
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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°	4075	4075	4075
5°	4080	3971	3993
10°	4057	3899	3830
15°	4066	3836	3698
20°	3907	3737	3759
25°	3864	3679	3647
30°	3915	3640	3596
35°	3743	3581	3579
40°	3747	3480	3510
45°	3672	3424	3513
50°	3584	3379	3500
55°	3435	3336	3374
60°	3333	3239	3358
65°	3211	3172	3321
70°	3015	3088	3329
75°	2721	3036	3282
80°	2336	2915	3298
85°	1608	2852	3482

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 90°  
 Luminance: 3881 cd/sqm



TEST NUMBER: P981635  
 CATALOG NUMBER: 4PWM-2060C5-830-MEDIUM

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.7	2.4
10°-20°	282.5	6.8
20°-30°	435.3	10.4
30°-40°	536.6	12.9
40°-50°	579.4	13.9
50°-60°	560.5	13.4
60°-70°	483.7	11.6
70°-80°	361.5	8.7
80°-90°	225.6	5.4
90°-100°	148.5	3.6
100°-110°	125.7	3.0
110°-120°	107.4	2.6
120°-130°	85.9	2.1
130°-140°	63.6	1.5
140°-150°	42.0	1.0
150°-160°	23.4	0.6
160°-170°	10.2	0.2
170°-180°	2.4	0.1
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0°-30°	816.5	19.6
0°-40°	1353.1	32.4
0°-60°	2493.0	59.7
0°-90°	3563.9	85.4
90°-120°	381.6	9.1
90°-150°	573.0	13.7
90°-180°	609.0	14.6
0°-180°	4172.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1039	1039	1039	1039	1039	
5°	1041	1048	1028	1037	1037	99
15°	1015	1002	1000	1007	974	283
25°	914	936	936	977	944	426
35°	809	830	862	893	882	512
45°	695	708	751	796	796	534
55°	538	574	639	682	675	486
65°	383	430	501	561	555	379
75°	213	277	362	415	424	227
85°	56	129	220	288	305	62
90°	0	78	170	241	254	3
95°	0	64	148	215	230	1
105°	2	62	131	181	198	2
115°	6	58	120	163	178	5
125°	9	54	105	140	155	9
135°	15	50	90	118	127	12
145°	17	39	75	93	99	11
155°	21	32	52	69	75	9
165°	24	26	34	43	49	7
175°	26	26	24	21	26	2
180°	21	21	21	21	21	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1039.0	1039.0	1039.0	1039.0	1039.0
2.5°	1044.7	1050.3	1026.0	1039.0	1039.0
5°	1040.9	1048.4	1027.8	1037.2	1037.2
7.5°	1035.3	1026.0	1029.7	1048.4	1029.7
10°	1027.8	1024.1	1016.6	1040.9	1005.4
12.5°	1033.4	1003.5	1001.7	1026.0	1014.8
15°	1014.8	1001.7	999.8	1007.3	973.6
17.5°	969.9	977.4	981.1	996.1	996.1
20°	953.1	968.0	966.2	984.9	984.9
22.5°	951.2	949.3	951.2	973.6	973.6
25°	913.8	936.3	936.3	977.4	943.7
27.5°	906.4	913.8	923.2	949.3	945.6
30°	889.5	880.2	904.5	926.9	912.0
32.5°	837.2	850.3	874.6	912.0	900.8
35°	809.2	829.7	861.5	893.3	882.1
37.5°	794.2	803.6	837.2	876.5	863.4
40°	762.5	769.9	803.6	842.8	833.5
42.5°	717.6	743.8	781.2	820.4	826.0
45°	695.2	708.3	751.3	796.1	796.1
47.5°	661.6	667.2	727.0	771.8	777.4
50°	622.3	642.9	697.1	743.8	749.4
52.5°	584.9	601.7	667.2	712.0	721.4
55°	538.2	573.7	639.1	682.1	674.6
57.5°	508.3	532.6	607.4	657.8	657.8
60°	461.6	500.8	568.1	622.3	618.6
62.5°	424.2	459.7	532.6	592.4	584.9
65°	383.1	429.8	500.8	560.6	555.0
67.5°	342.0	386.8	470.9	521.4	528.9
70°	299.0	351.3	429.8	485.9	495.2
72.5°	256.0	310.2	394.3	454.1	459.7
75°	213.0	276.6	362.5	414.9	424.2
77.5°	175.7	237.3	321.4	375.6	386.8
80°	132.7	198.1	287.8	347.6	358.8
82.5°	93.4	164.5	250.4	310.2	327.0
85°	56.1	128.9	220.5	287.8	304.6
87.5°	22.4	99.0	194.4	265.4	280.3
90°	0.0	78.5	170.1	241.1	254.2
92.5°	0.0	67.3	158.8	222.4	242.9
95°	0.0	63.5	147.6	214.9	229.9
97.5°	0.0	61.7	140.2	200.0	216.8
100°	1.9	61.7	136.4	190.6	209.3
102.5°	1.9	61.7	132.7	186.9	205.6
105°	1.9	61.7	130.8	181.3	198.1
107.5°	1.9	59.8	128.9	177.5	194.4
110°	3.7	61.7	127.1	173.8	190.6



TEST NUMBER: P981635  
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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	3.7	59.8	123.3	168.2	183.1
115°	5.6	57.9	119.6	162.6	177.5
117.5°	5.6	57.9	114.0	158.8	173.8
120°	7.5	56.1	112.1	151.4	166.3
122.5°	9.3	57.9	108.4	145.8	157.0
125°	9.3	54.2	104.7	140.2	155.1
127.5°	11.2	54.2	102.8	134.6	149.5
130°	13.1	52.3	97.2	130.8	138.3
132.5°	15.0	50.5	93.4	123.3	134.6
135°	15.0	50.5	89.7	117.7	127.1
137.5°	16.8	46.7	86.0	112.1	121.5
140°	16.8	44.9	82.2	104.7	112.1
142.5°	16.8	43.0	78.5	100.9	110.3
145°	16.8	39.2	74.8	93.4	99.0
147.5°	16.8	37.4	67.3	87.8	95.3
150°	18.7	35.5	61.7	82.2	87.8
152.5°	18.7	33.6	56.1	74.8	80.4
155°	20.6	31.8	52.3	69.1	74.8
157.5°	20.6	29.9	44.9	65.4	69.1
160°	22.4	28.0	41.1	57.9	63.5
162.5°	24.3	28.0	37.4	50.5	56.1
165°	24.3	26.2	33.6	43.0	48.6
167.5°	24.3	26.2	29.9	35.5	43.0
170°	24.3	26.2	26.2	29.9	35.5
172.5°	24.3	24.3	26.2	24.3	29.9
175°	26.2	26.2	24.3	20.6	26.2
177.5°	26.2	24.3	22.4	18.7	20.6
180°	20.6	20.6	20.6	20.6	20.6



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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	14.2	15.6	14.7	16.2	16.8	16.3	17.7	16.8	18.3	18.9
	3H	15.9	17.2	16.5	17.8	18.5	18.7	20.0	19.3	20.6	21.3
	4H	16.5	17.7	17.1	18.3	19.0	19.9	21.1	20.5	21.7	22.4
	6H	16.9	18.0	17.5	18.7	19.4	21.0	22.2	21.6	22.8	23.5
	8H	17.0	18.1	17.6	18.7	19.5	21.6	22.7	22.2	23.3	24.1
	12H	17.1	18.1	17.7	18.7	19.5	22.2	23.3	22.9	23.9	24.7
4H	2H	15.2	16.4	15.8	17.0	17.7	16.7	18.0	17.4	18.6	19.3
	3H	17.1	18.2	17.7	18.8	19.5	19.5	20.5	20.1	21.1	21.9
	4H	17.9	18.8	18.5	19.5	20.2	20.8	21.7	21.4	22.4	23.1
	6H	18.4	19.2	19.0	19.9	20.7	22.1	23.0	22.8	23.7	24.4
	8H	18.5	19.3	19.2	20.0	20.8	22.8	23.6	23.5	24.3	25.1
	12H	18.6	19.4	19.3	20.1	20.8	23.6	24.3	24.3	25.0	25.8
8H	4H	18.6	19.4	19.2	20.0	20.8	21.1	21.8	21.7	22.5	23.3
	6H	19.3	20.0	20.0	20.7	21.5	22.6	23.3	23.3	24.0	24.8
	8H	19.6	20.2	20.3	20.9	21.7	23.4	24.0	24.1	24.7	25.5
	12H	19.7	20.3	20.4	21.0	21.8	24.4	24.9	25.1	25.6	26.5
12H	4H	18.8	19.5	19.4	20.2	21.0	21.1	21.8	21.7	22.5	23.3
	6H	19.6	20.2	20.3	20.9	21.7	22.6	23.3	23.4	23.9	24.8
	8H	19.9	20.5	20.7	21.2	22.0	23.5	24.1	24.2	24.8	25.6

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\*

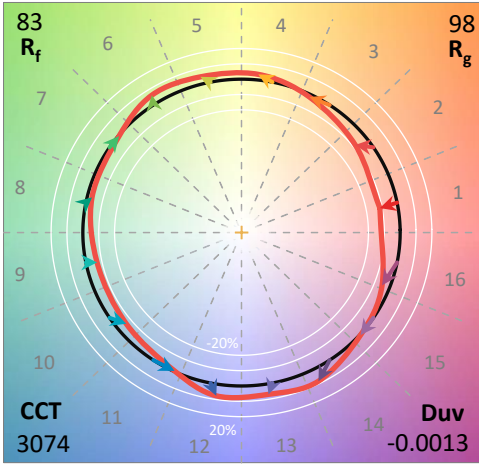
**Test Information**

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**

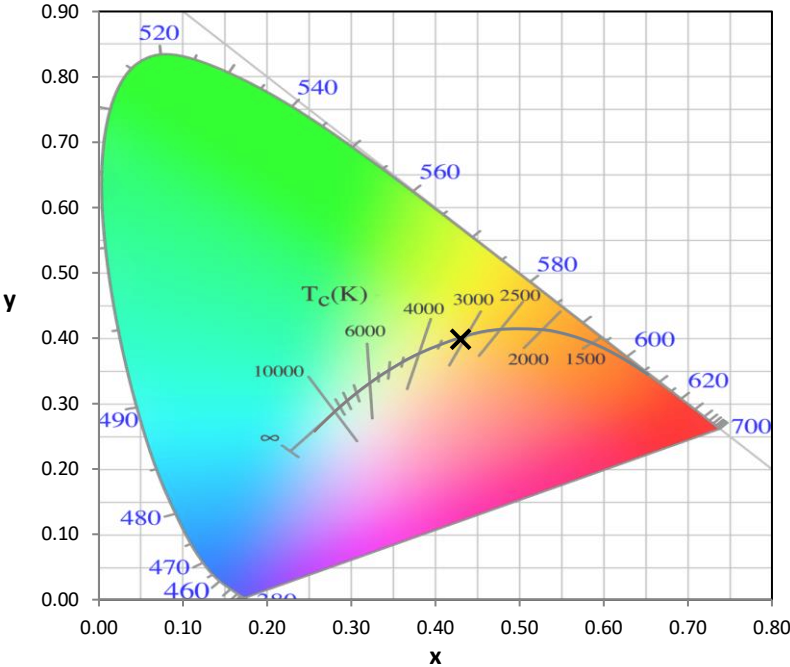
Stabilization Time: 34M  
 Operation Time: 1H 34M  
 Sphere Temperature (°C): 24.7

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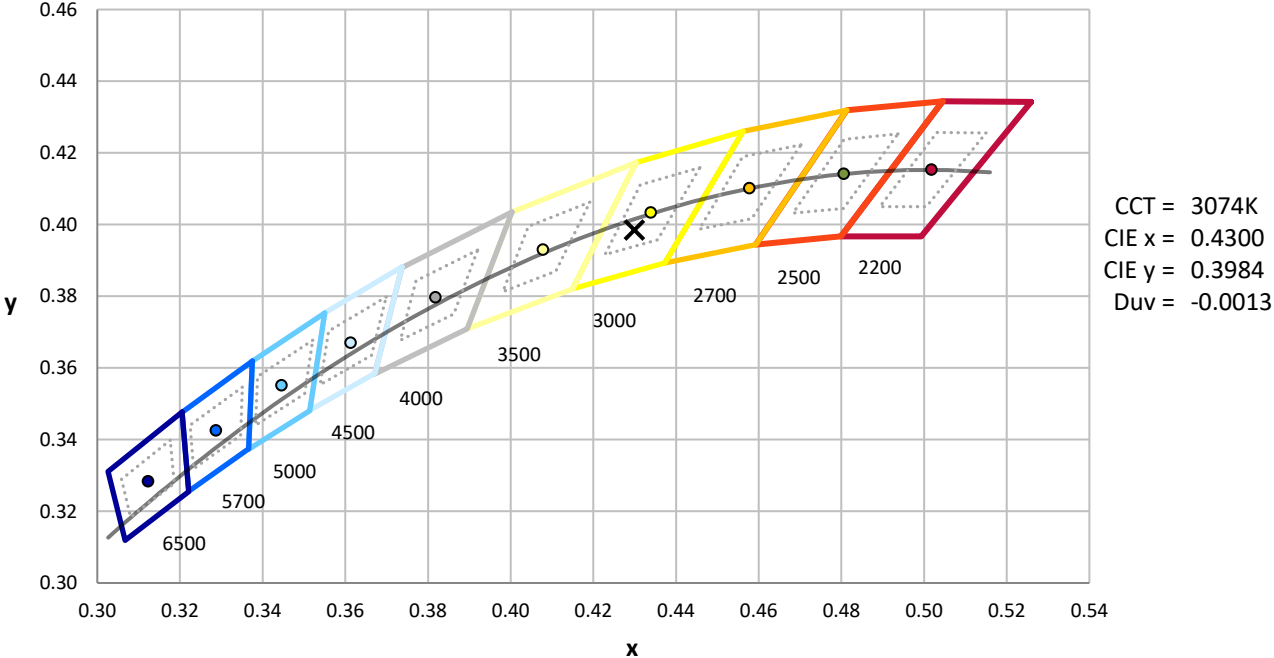
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

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CIE 1931 Chromaticity Diagram



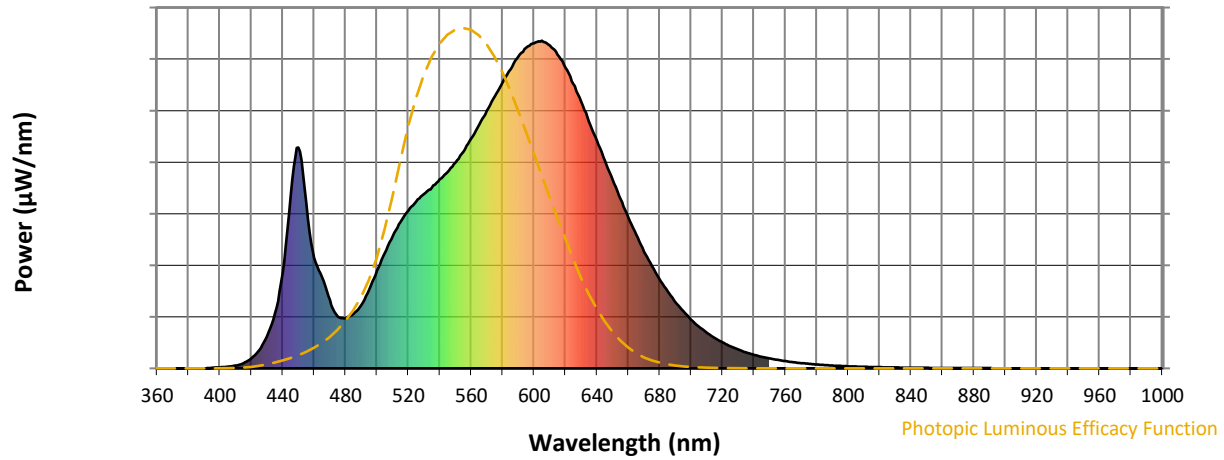
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

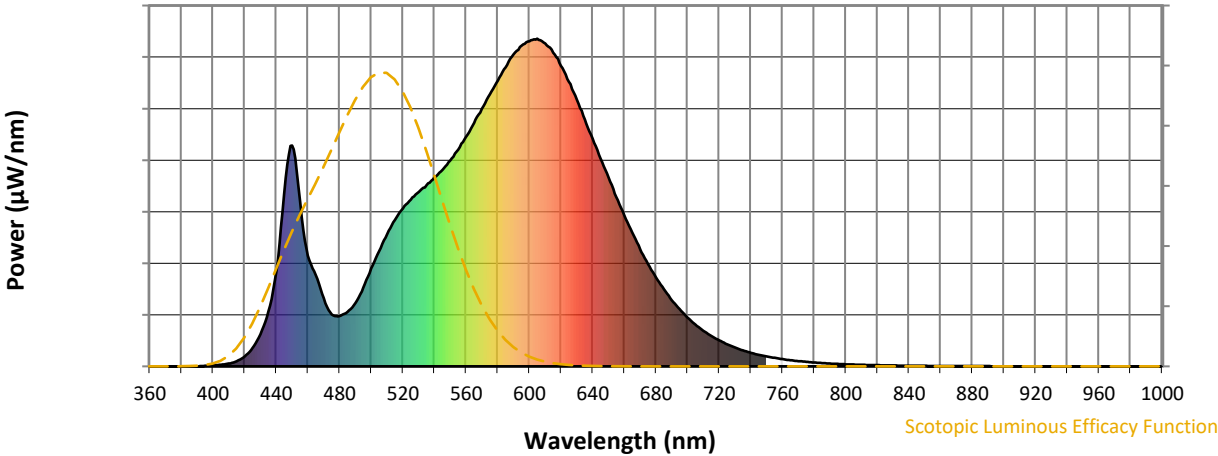


**Photopic Lumens: NR**

$\lambda$ (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	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**



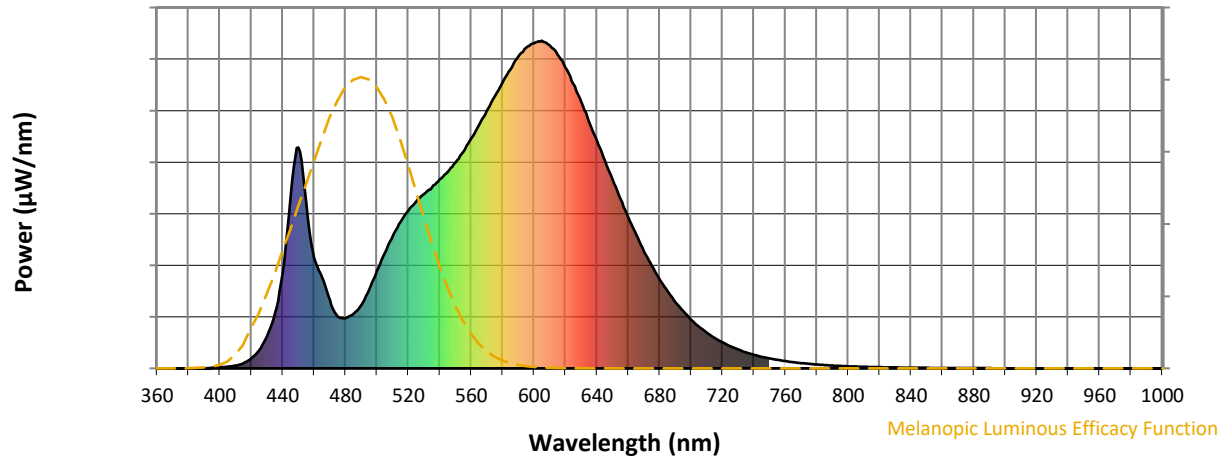
**Scotopic Lumens: NR**

**S/P: 1.35**

$\lambda$ (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	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



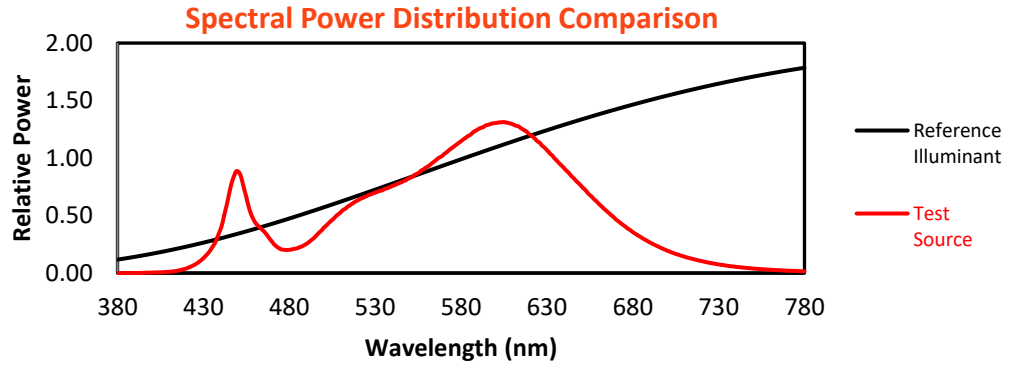
Melanopic Lumens: NR

M/P: 2.58

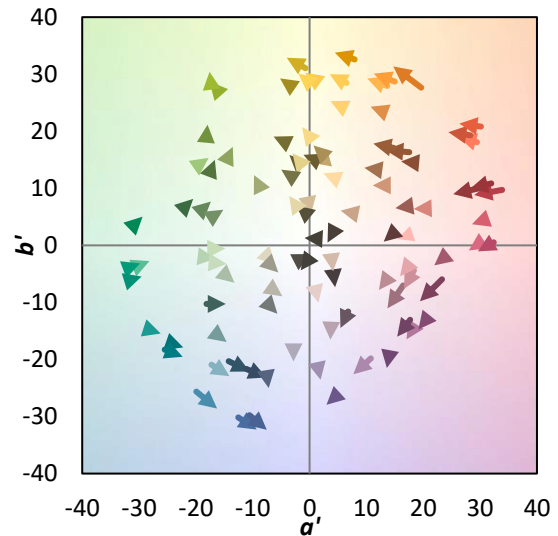
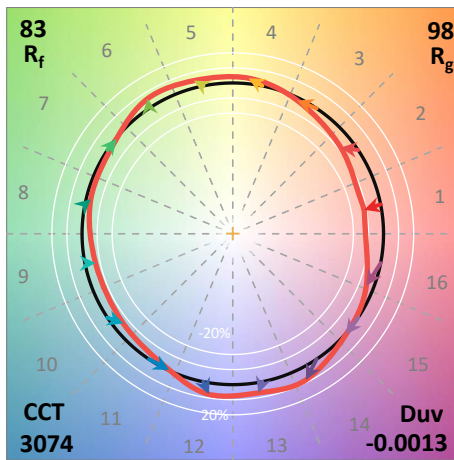
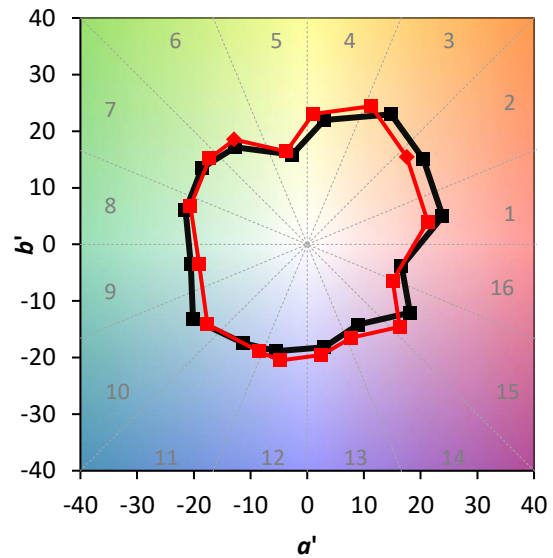
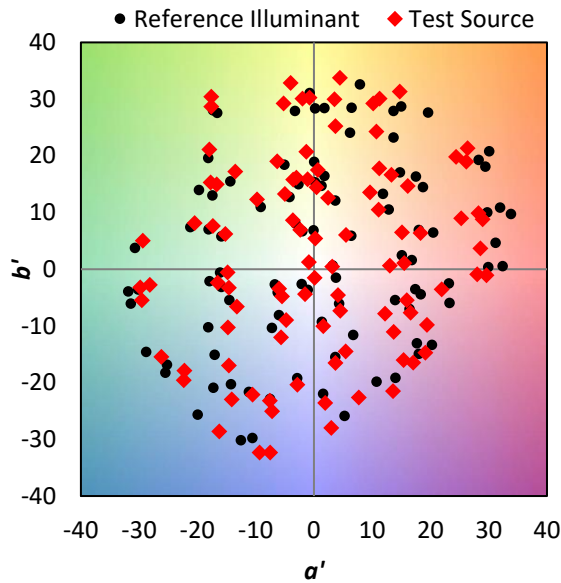
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	193	NR	620	917	NR	750	30	NR	880	1	NR
365	0	NR	495	239	NR	625	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			

**Summary**

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

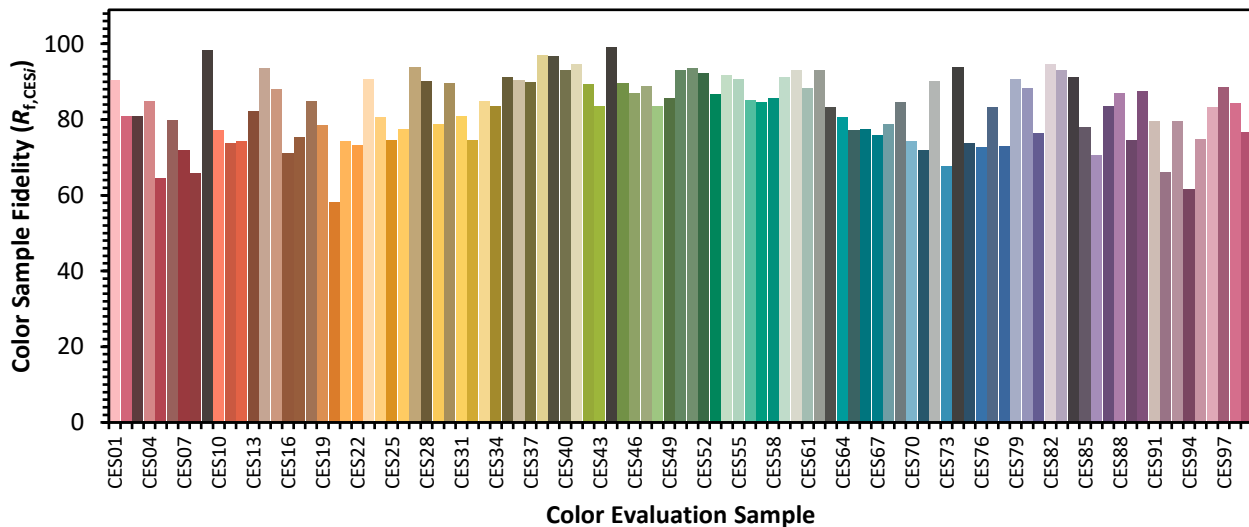


**Color Vector Graphics**

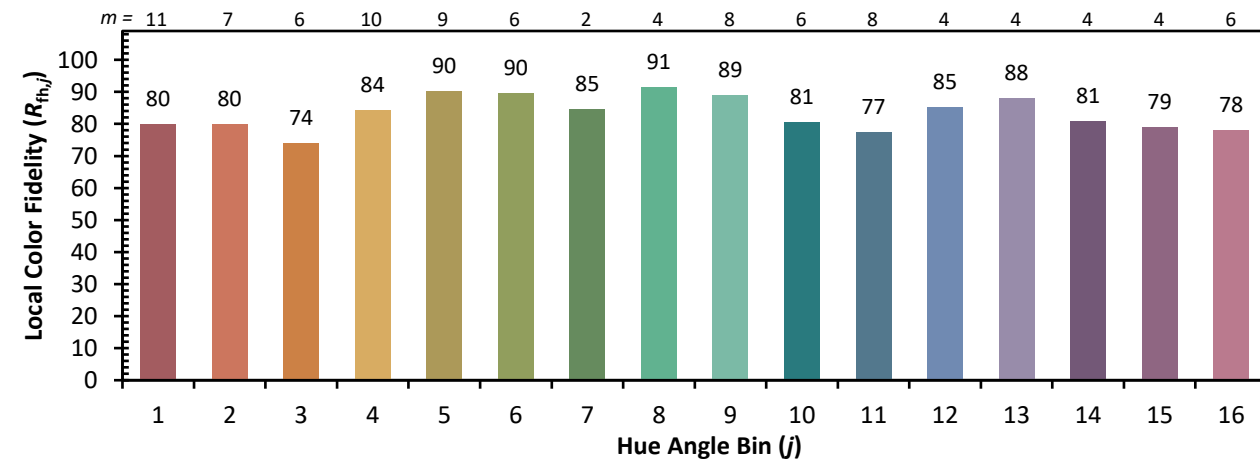
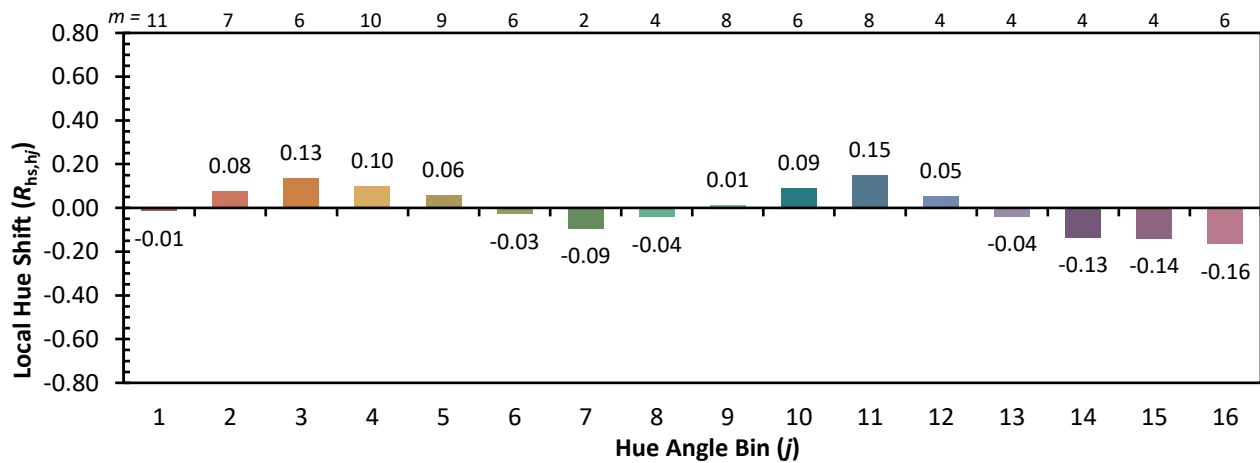
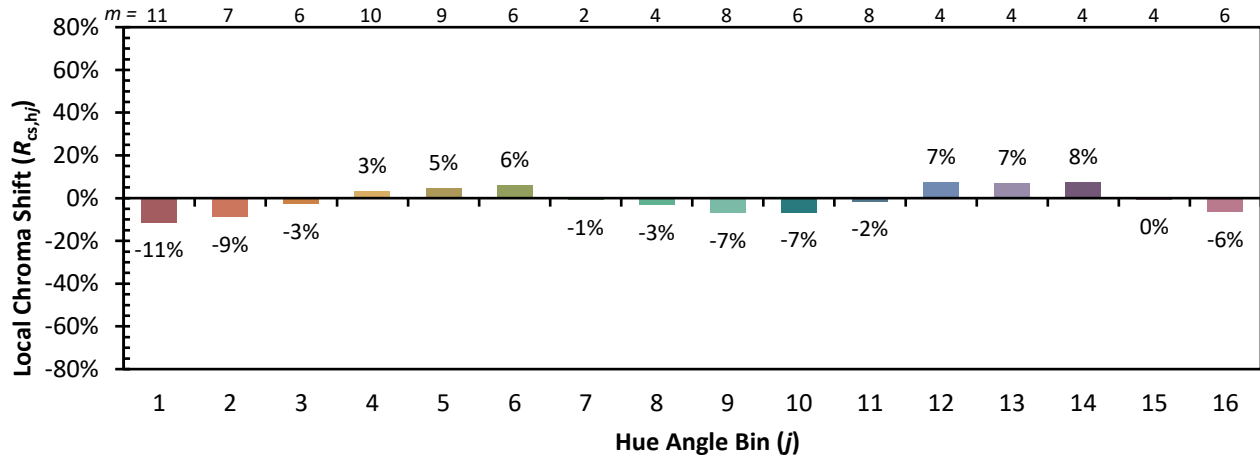


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

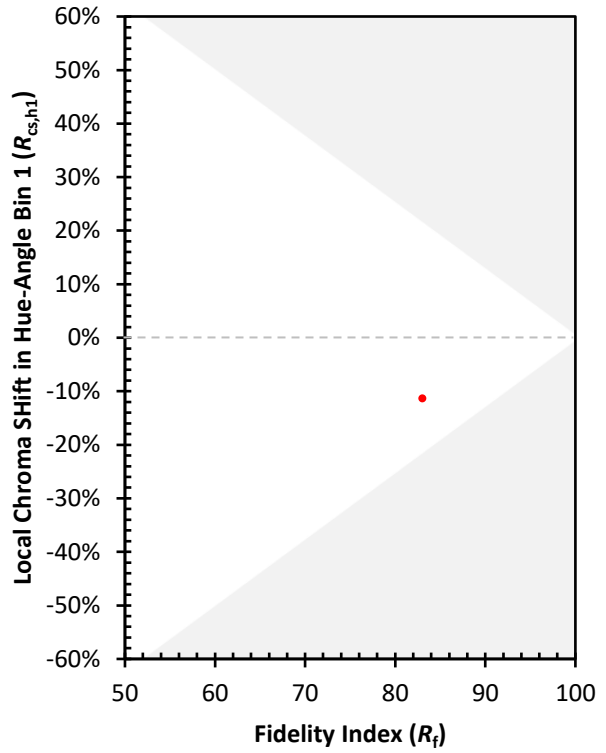
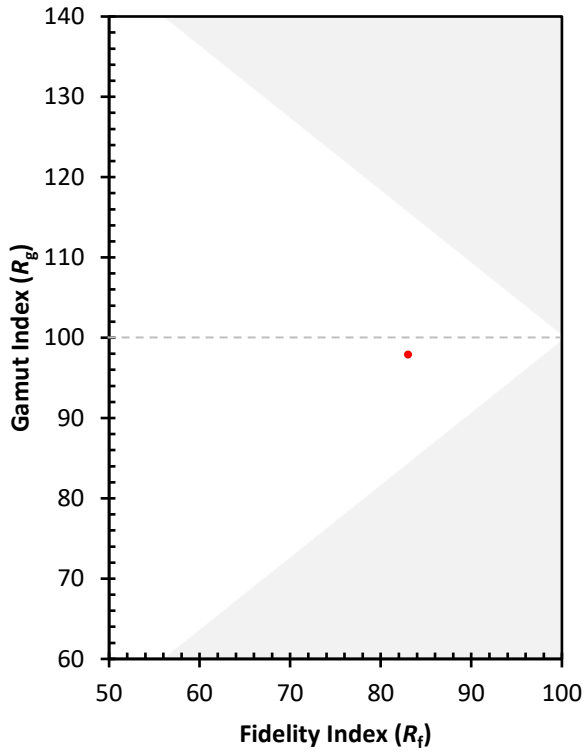
CES01 = 86	CES26 = 77	CES51 = 94	CES76 = 73
CES02 = 63	CES27 = 94	CES52 = 92	CES77 = 83
CES03 = 31	CES28 = 90	CES53 = 87	CES78 = 73
CES04 = 70	CES29 = 79	CES54 = 92	CES79 = 91
CES05 = 50	CES30 = 90	CES55 = 91	CES80 = 88
CES06 = 51	CES31 = 81	CES56 = 85	CES81 = 76
CES07 = 42	CES32 = 75	CES57 = 85	CES82 = 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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)