

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: FAIL-SAFE

Report Number: P1357357

Luminaire Tested: 6ASL4-30VHE-3-27-UNV

Issue Date: 2/17/2026

Test Information

Test Method: LM-79-2019
Report Number: P1357357
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2511-597-12)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: FAIL-SAFE
Catalog Number: 6ASL4-30VHE-3-27-UNV
Description: 6FT 3000 LUMEN PER FOOT 4ASL LED LUMINAIRE WITH OPL LENS AND 2700K LEDS 3 ROW
Light Source: -
Ballast/Driver: -

Summary

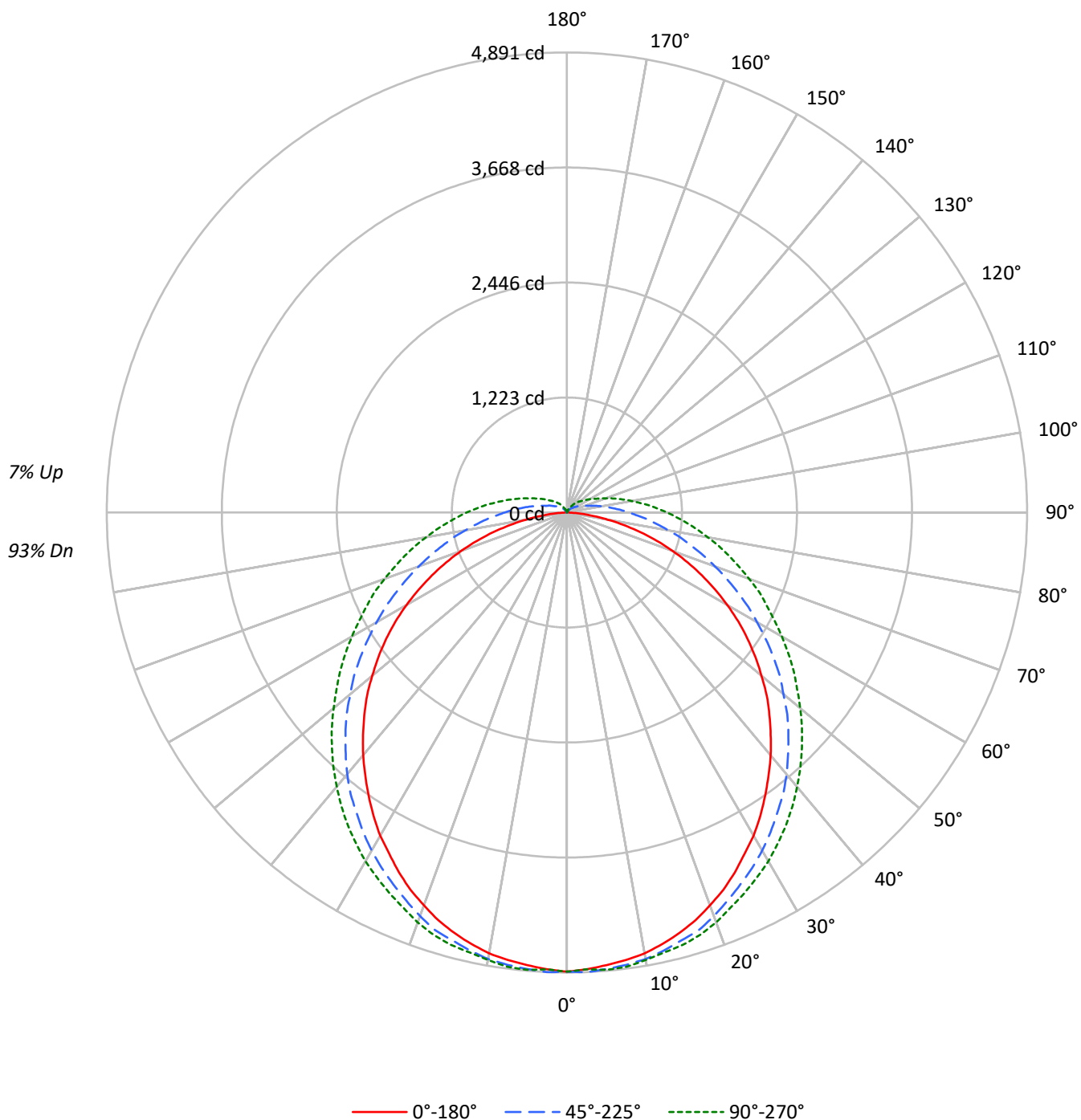
Lumens per Lamp: N/A
Luminaire Lumens: 16596.0 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.3 / 1.39
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 5.98' x H: 0.1')
CIE Type: Direct

Input Watts (W): 157.8
Input Voltage (V): NR
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: 24 FT

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CATALOG NUMBER: 6ASL4-30VHE-3-27-UNV

Luminous Intensity Polar Plot



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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
RCR																				
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	93
1	105	100	95	91	102	97	92	88	91	88	84	86	83	80	81	79	77	77	77	74
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	71	67	63	63	63	61
3	86	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	53	53	53	50
4	79	66	57	50	76	65	56	49	61	54	48	58	52	47	55	50	45	45	45	43
5	73	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	39	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	34	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	30	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	32	28	37	32	27	27	27	25
9	54	40	32	26	52	39	31	26	38	30	25	36	30	25	35	29	24	24	24	22
10	50	37	29	24	49	36	29	23	35	28	23	33	27	23	32	26	22	22	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	26362	26362	26362
5°	26148	25879	25758
10°	26020	25390	25107
15°	25753	24778	24554
20°	25384	24191	23932
25°	24954	23452	23223
30°	24498	22811	22624
35°	23928	22084	21957
40°	23411	21420	21255
45°	22854	20614	20550
50°	22218	19748	19818
55°	21536	18921	19159
60°	20642	17955	18490
65°	19502	17028	17936
70°	18044	16112	17502
75°	15906	15282	17204
80°	12638	14673	17077
85°	7865	14578	17330

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22854 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	462.9	2.8
10°-20°	1329.0	8.0
20°-30°	2009.3	12.1
30°-40°	2432.9	14.7
40°-50°	2555.3	15.4
50°-60°	2384.0	14.4
60°-70°	1970.2	11.9
70°-80°	1418.6	8.5
80°-90°	881.5	5.3
90°-100°	516.5	3.1
100°-110°	295.5	1.8
110°-120°	166.8	1.0
120°-130°	96.0	0.6
130°-140°	51.7	0.3
140°-150°	21.8	0.1
150°-160°	4.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3801.1	22.9
0°-40°	6234.0	37.6
0°-60°	11173.3	67.3
0°-90°	15443.6	93.1
90°-120°	978.8	5.9
90°-150°	1148.3	6.9
90°-180°	1152.0	6.9
0°-180°	16596.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4881	4881	4881	4881	4881	
5°	4830	4871	4871	4871	4881	459
15°	4627	4688	4709	4739	4759	1305
25°	4222	4292	4364	4424	4465	1944
35°	3674	3775	3897	4008	4059	2300
45°	3044	3156	3328	3471	3531	2349
55°	2344	2476	2679	2872	2943	2095
65°	1583	1735	1999	2253	2344	1567
75°	812	1015	1370	1664	1786	859
85°	152	457	863	1167	1279	186
90°	0	274	660	944	1066	7
95°	0	172	497	761	873	0
105°	0	61	274	477	558	0
115°	0	30	162	294	345	0
125°	0	20	102	193	223	0
135°	0	0	61	122	152	0
145°	0	0	30	71	81	0
155°	0	0	0	20	30	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4881.1	4881.1	4881.1	4881.1	4881.1
2.5°	4860.8	4891.3	4891.3	4860.8	4860.8
5°	4830.4	4871.0	4871.0	4871.0	4881.1
7.5°	4799.9	4850.7	4850.7	4850.7	4871.0
10°	4759.3	4810.1	4820.2	4820.2	4830.4
12.5°	4698.4	4759.3	4769.5	4779.6	4789.8
15°	4627.4	4688.3	4708.6	4739.0	4759.3
17.5°	4546.2	4617.3	4657.9	4688.3	4708.6
20°	4444.7	4515.8	4566.5	4607.1	4637.6
22.5°	4343.3	4404.2	4465.0	4515.8	4546.2
25°	4221.5	4292.5	4363.6	4424.5	4465.0
27.5°	4089.6	4170.8	4262.1	4333.1	4373.7
30°	3967.8	4049.0	4150.5	4241.8	4282.4
32.5°	3825.7	3917.1	4028.7	4120.0	4170.8
35°	3673.5	3775.0	3896.8	4008.4	4059.1
37.5°	3521.3	3622.8	3775.0	3886.6	3937.4
40°	3369.1	3470.6	3632.9	3754.7	3805.4
42.5°	3206.7	3308.2	3480.7	3612.6	3673.5
45°	3044.3	3156.0	3328.5	3470.6	3531.4
47.5°	2882.0	2993.6	3176.3	3328.5	3389.4
50°	2699.3	2821.1	3003.8	3176.3	3237.2
52.5°	2526.8	2648.6	2851.5	3024.1	3084.9
55°	2344.1	2476.1	2679.0	2871.8	2942.9
57.5°	2161.5	2293.4	2506.5	2709.5	2790.7
60°	1968.7	2110.7	2334.0	2547.1	2638.4
62.5°	1775.9	1928.1	2171.6	2394.9	2486.2
65°	1583.1	1735.3	1999.1	2252.8	2344.1
67.5°	1390.3	1552.6	1836.8	2100.6	2212.2
70°	1197.4	1370.0	1674.4	1948.4	2060.0
72.5°	1004.6	1187.3	1522.2	1806.3	1917.9
75°	811.8	1014.8	1370.0	1664.2	1786.0
77.5°	619.0	852.4	1238.0	1532.3	1654.1
80°	446.5	710.3	1096.0	1400.4	1522.2
82.5°	284.1	568.3	974.2	1278.6	1400.4
85°	152.2	456.7	862.6	1167.0	1278.6
87.5°	50.7	355.2	750.9	1055.4	1167.0
90°	0.0	274.0	659.6	943.7	1065.5
92.5°	0.0	213.1	578.4	852.4	964.0
95°	0.0	172.5	497.2	761.1	872.7
97.5°	0.0	142.1	436.4	679.9	781.4
100°	0.0	111.6	375.5	608.9	700.2
102.5°	0.0	91.3	324.7	537.8	629.2
105°	0.0	60.9	274.0	476.9	558.1
107.5°	0.0	50.7	233.4	426.2	497.2
110°	0.0	40.6	213.1	365.3	436.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	30.4	192.8	324.7	395.8
115°	0.0	30.4	162.4	294.3	345.0
117.5°	0.0	30.4	142.1	263.8	314.6
120°	0.0	20.3	131.9	233.4	284.1
122.5°	0.0	20.3	111.6	213.1	253.7
125°	0.0	20.3	101.5	192.8	223.3
127.5°	0.0	10.1	91.3	172.5	203.0
130°	0.0	10.1	81.2	152.2	182.7
132.5°	0.0	10.1	71.0	142.1	172.5
135°	0.0	0.0	60.9	121.8	152.2
137.5°	0.0	0.0	50.7	111.6	131.9
140°	0.0	0.0	40.6	91.3	121.8
142.5°	0.0	0.0	30.4	81.2	101.5
145°	0.0	0.0	30.4	71.0	81.2
147.5°	0.0	0.0	20.3	50.7	71.0
150°	0.0	0.0	10.1	40.6	50.7
152.5°	0.0	0.0	0.0	30.4	40.6
155°	0.0	0.0	0.0	20.3	30.4
157.5°	0.0	0.0	0.0	0.0	10.1
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

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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	20.71	22.25	21.18	22.71	23.19	22.77	24.31	23.23	24.76	25.24
	3H	22.21	23.61	22.69	24.08	24.60	25.24	26.65	25.72	27.11	27.63
	4H	22.69	24.02	23.19	24.50	25.04	26.45	27.78	26.95	28.26	28.80
	6H	22.96	24.20	23.48	24.70	25.25	27.72	28.96	28.24	29.46	30.01
	8H	23.01	24.20	23.54	24.72	25.28	28.38	29.57	28.91	30.09	30.65
	12H	23.03	24.17	23.56	24.68	25.27	29.12	30.26	29.65	30.77	31.36
4H	2H	21.59	22.92	22.10	23.41	23.94	23.20	24.53	23.70	25.01	25.55
	3H	23.33	24.46	23.84	24.99	25.55	25.90	27.03	26.41	27.56	28.12
	4H	23.93	24.97	24.47	25.51	26.10	27.28	28.32	27.81	28.85	29.45
	6H	24.33	25.25	24.88	25.81	26.42	28.74	29.66	29.30	30.22	30.83
	8H	24.42	25.29	24.98	25.85	26.47	29.51	30.37	30.07	30.93	31.55
	12H	24.47	25.25	25.05	25.84	26.47	30.37	31.15	30.95	31.74	32.37
8H	4H	24.62	25.48	25.18	26.04	26.66	27.49	28.36	28.05	28.92	29.54
	6H	25.20	25.93	25.79	26.53	27.16	29.13	29.86	29.72	30.46	31.09
	8H	25.38	26.04	25.98	26.66	27.29	30.03	30.69	30.64	31.31	31.95
	12H	25.50	26.09	26.10	26.69	27.39	31.08	31.67	31.68	32.27	32.97
12H	4H	24.82	25.60	25.40	26.19	26.81	27.50	28.29	28.08	28.88	29.50
	6H	25.50	26.16	26.10	26.77	27.41	29.16	29.82	29.77	30.44	31.08
	8H	25.78	26.37	26.38	26.97	27.67	30.14	30.73	30.74	31.33	32.04

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Fail-Safe

Report Number: SP1-2511-597-2

Test Date: 11/17/2025

Luminaire Tested: 4ASL-2-27-UNV-OPL-1_600mA

Data in this report applies to families of products including 4ASL

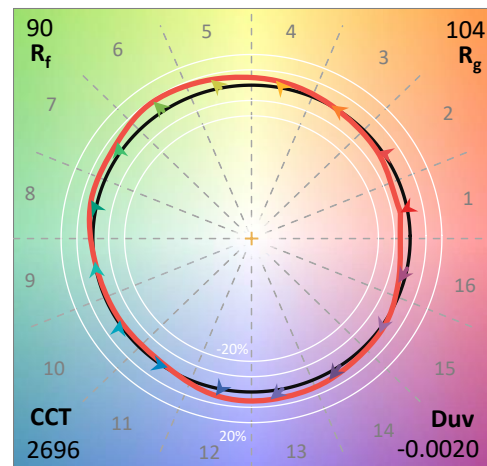
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2511-597-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/18/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Fail-Safe
 Catalog Number: **4ASL-2-27-UNV-OPL-1_600mA**
 Description: 2foot 4ASL LED LUMINAIRE WITH OPL LENS AND 2700K LEDS with 1 rows at 600mA

Spectral Parameters

CCT (K): 2696
 CIE u' : 0.2632
 CIE v' : 0.5245
 Duv: -0.0020
 CIE x: 0.4568
 CIE y: 0.4045
 CIE z: 0.1387
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 584
 Purity: 58.52757
 R_f: 90.1
 R_g: 103.5

CRI (Ra): 94.4
 R1: 97.5
 R2: 97.8
 R3: 96.9
 R4: 95.3
 R5: 97.2
 R6: 96.5
 R7: 91.2
 R8: 83.2
 R9: 61.8
 R10: 93.6
 R11: 93.7
 R12: 94.1
 R13: 97.6
 R14: 96.8
 R15: 91.9



Test Conditions

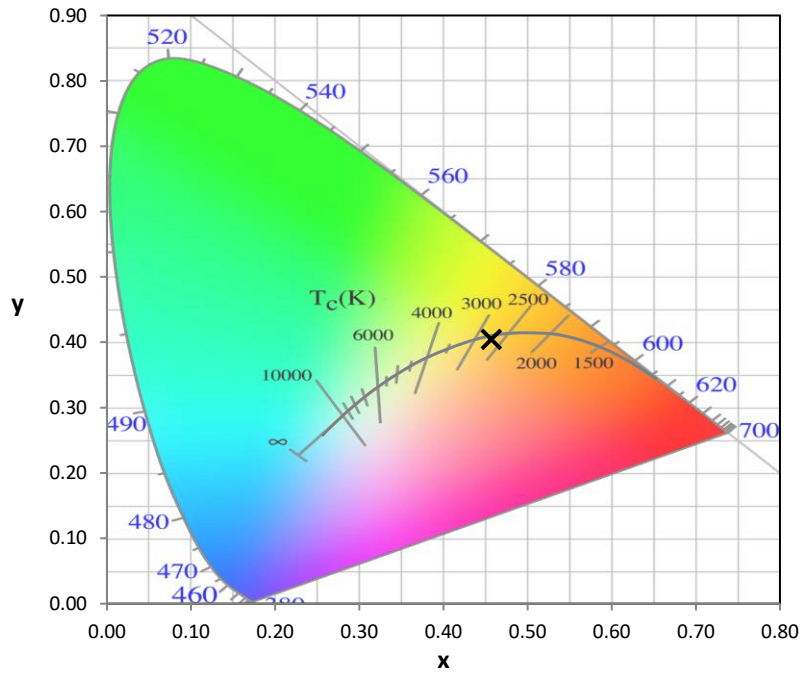
Stabilization Time: 32M
 Operation Time: 1H 32M
 Sphere Temperature (°C): 24.1

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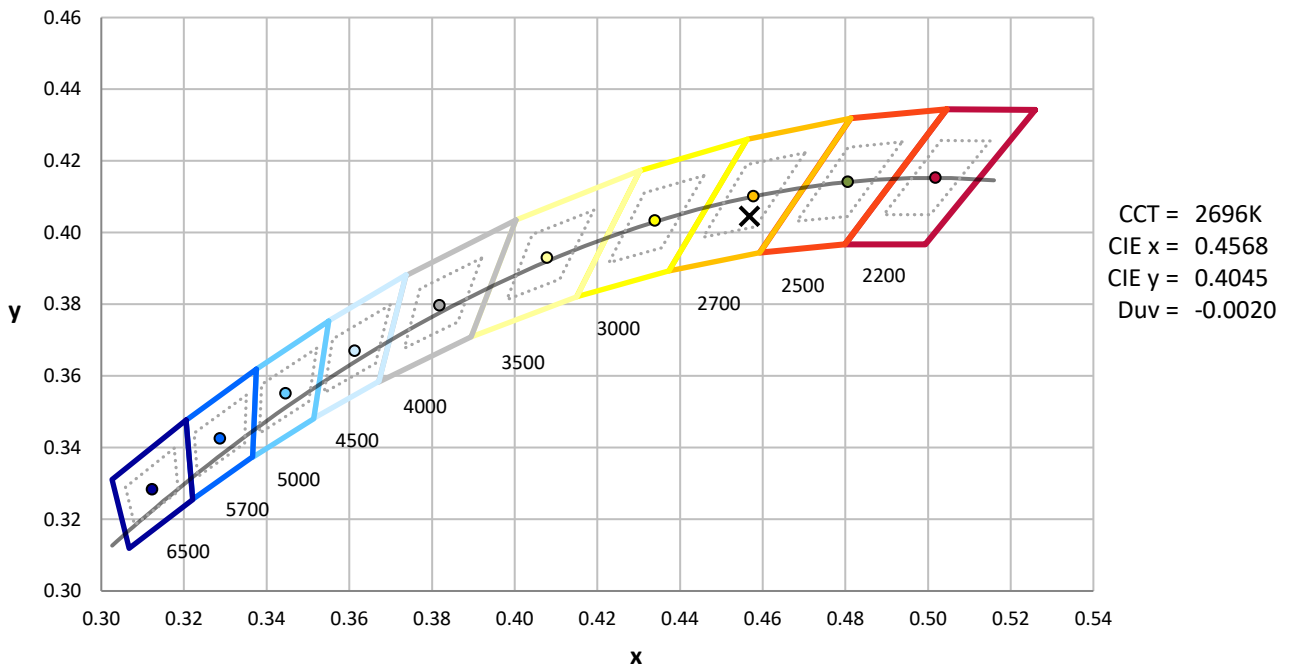
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

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CIE 1931 Chromaticity Diagram



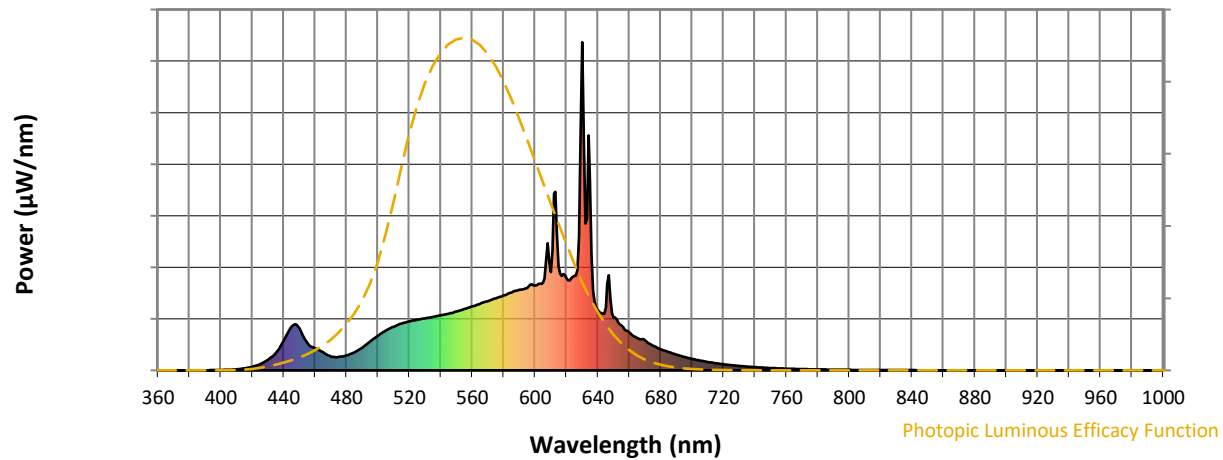
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

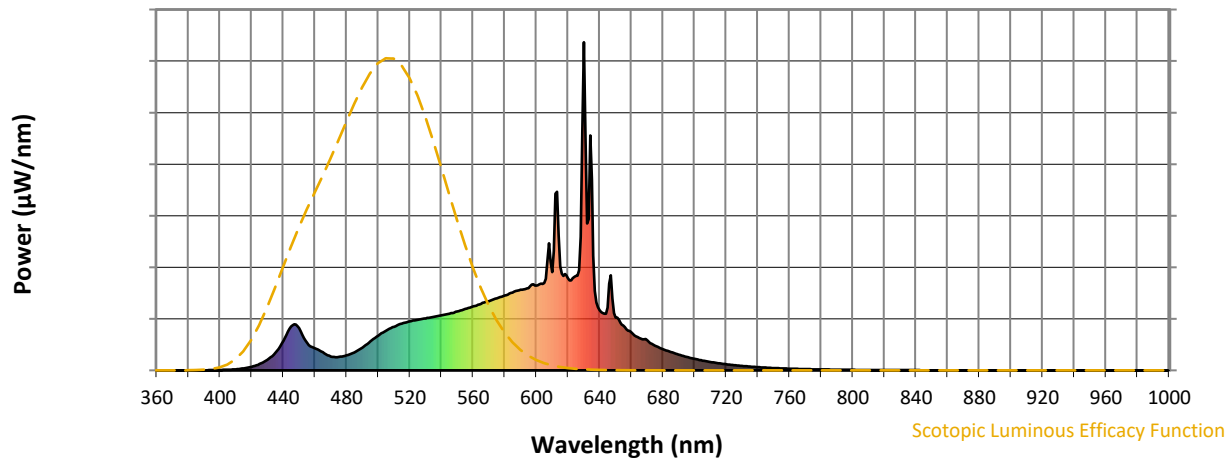


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	70	NR	620	281	NR	750	7	NR	880	0	NR
365	0	NR	495	88	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	106	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	121	NR	635	581	NR	765	5	NR	895	0	NR
380	0	NR	510	133	NR	640	184	NR	770	4	NR	900	0	NR
385	0	NR	515	143	NR	645	191	NR	775	3	NR	905	0	NR
390	0	NR	520	149	NR	650	161	NR	780	3	NR	910	0	NR
395	1	NR	525	155	NR	655	136	NR	785	2	NR	915	0	NR
400	1	NR	530	158	NR	660	116	NR	790	2	NR	920	0	NR
405	2	NR	535	163	NR	665	99	NR	795	2	NR	925	0	NR
410	3	NR	540	168	NR	670	92	NR	800	2	NR	930	0	NR
415	6	NR	545	173	NR	675	75	NR	805	1	NR	935	0	NR
420	11	NR	550	179	NR	680	65	NR	810	1	NR	940	0	NR
425	19	NR	555	187	NR	685	56	NR	815	1	NR	945	0	NR
430	32	NR	560	195	NR	690	48	NR	820	1	NR	950	0	NR
435	54	NR	565	203	NR	695	41	NR	825	1	NR	955	0	NR
440	90	NR	570	211	NR	700	35	NR	830	1	NR	960	0	NR
445	134	NR	575	219	NR	705	30	NR	835	1	NR	965	0	NR
450	128	NR	580	228	NR	710	26	NR	840	1	NR	970	0	NR
455	83	NR	585	237	NR	715	22	NR	845	0	NR	975	0	NR
460	67	NR	590	246	NR	720	19	NR	850	0	NR	980	0	NR
465	55	NR	595	251	NR	725	16	NR	855	0	NR	985	0	NR
470	42	NR	600	259	NR	730	13	NR	860	0	NR	990	0	NR
475	41	NR	605	266	NR	735	11	NR	865	0	NR	995	0	NR
480	46	NR	610	299	NR	740	10	NR	870	0	NR	1000	0	NR
485	55	NR	615	317	NR	745	8	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



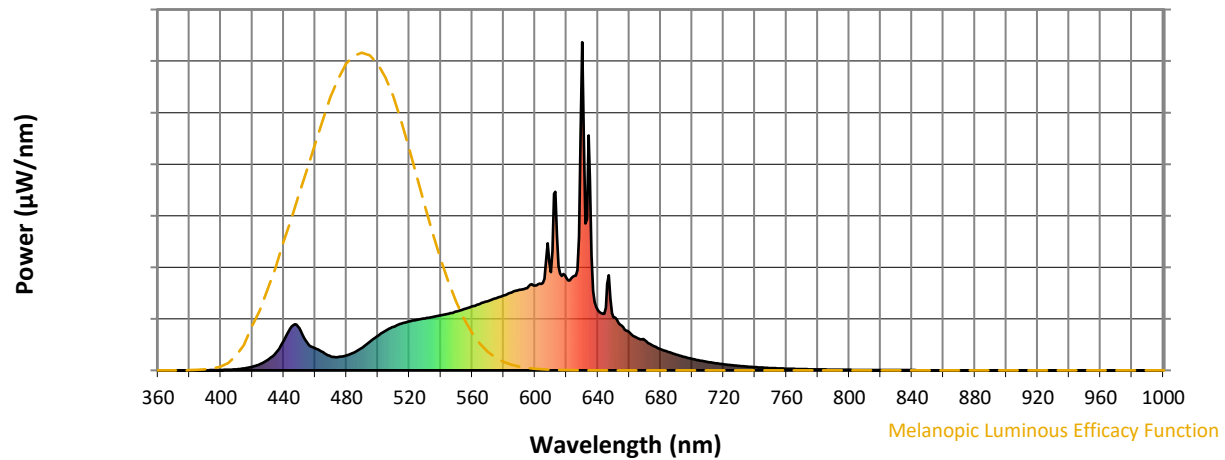
Scotopic Lumens: NR

S/P: 1.29

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	70	NR	620	281	NR	750	7	NR	880	0	NR
365	0	NR	495	88	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	106	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	121	NR	635	581	NR	765	5	NR	895	0	NR
380	0	NR	510	133	NR	640	184	NR	770	4	NR	900	0	NR
385	0	NR	515	143	NR	645	191	NR	775	3	NR	905	0	NR
390	0	NR	520	149	NR	650	161	NR	780	3	NR	910	0	NR
395	1	NR	525	155	NR	655	136	NR	785	2	NR	915	0	NR
400	1	NR	530	158	NR	660	116	NR	790	2	NR	920	0	NR
405	2	NR	535	163	NR	665	99	NR	795	2	NR	925	0	NR
410	3	NR	540	168	NR	670	92	NR	800	2	NR	930	0	NR
415	6	NR	545	173	NR	675	75	NR	805	1	NR	935	0	NR
420	11	NR	550	179	NR	680	65	NR	810	1	NR	940	0	NR
425	19	NR	555	187	NR	685	56	NR	815	1	NR	945	0	NR
430	32	NR	560	195	NR	690	48	NR	820	1	NR	950	0	NR
435	54	NR	565	203	NR	695	41	NR	825	1	NR	955	0	NR
440	90	NR	570	211	NR	700	35	NR	830	1	NR	960	0	NR
445	134	NR	575	219	NR	705	30	NR	835	1	NR	965	0	NR
450	128	NR	580	228	NR	710	26	NR	840	1	NR	970	0	NR
455	83	NR	585	237	NR	715	22	NR	845	0	NR	975	0	NR
460	67	NR	590	246	NR	720	19	NR	850	0	NR	980	0	NR
465	55	NR	595	251	NR	725	16	NR	855	0	NR	985	0	NR
470	42	NR	600	259	NR	730	13	NR	860	0	NR	990	0	NR
475	41	NR	605	266	NR	735	11	NR	865	0	NR	995	0	NR
480	46	NR	610	299	NR	740	10	NR	870	0	NR	1000	0	NR
485	55	NR	615	317	NR	745	8	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.45

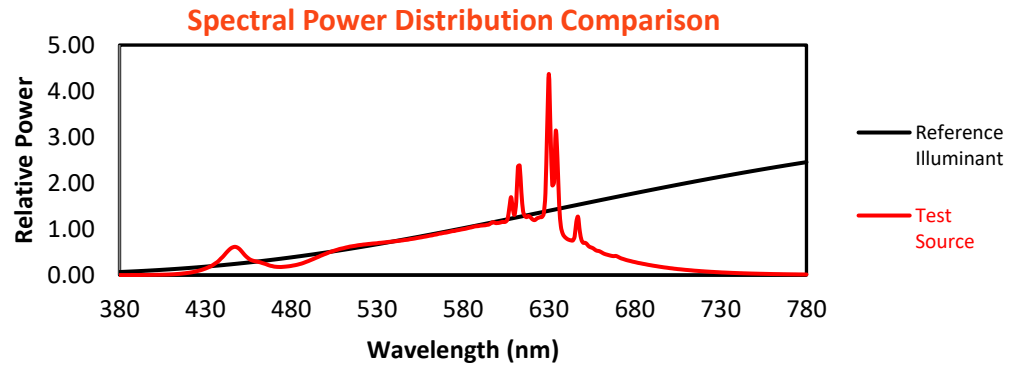
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	70	NR	620	281	NR	750	7	NR	880	0	NR
365	0	NR	495	88	NR	625	288	NR	755	6	NR	885	0	NR
370	0	NR	500	106	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	121	NR	635	581	NR	765	5	NR	895	0	NR
380	0	NR	510	133	NR	640	184	NR	770	4	NR	900	0	NR
385	0	NR	515	143	NR	645	191	NR	775	3	NR	905	0	NR
390	0	NR	520	149	NR	650	161	NR	780	3	NR	910	0	NR
395	1	NR	525	155	NR	655	136	NR	785	2	NR	915	0	NR
400	1	NR	530	158	NR	660	116	NR	790	2	NR	920	0	NR
405	2	NR	535	163	NR	665	99	NR	795	2	NR	925	0	NR
410	3	NR	540	168	NR	670	92	NR	800	2	NR	930	0	NR
415	6	NR	545	173	NR	675	75	NR	805	1	NR	935	0	NR
420	11	NR	550	179	NR	680	65	NR	810	1	NR	940	0	NR
425	19	NR	555	187	NR	685	56	NR	815	1	NR	945	0	NR
430	32	NR	560	195	NR	690	48	NR	820	1	NR	950	0	NR
435	54	NR	565	203	NR	695	41	NR	825	1	NR	955	0	NR
440	90	NR	570	211	NR	700	35	NR	830	1	NR	960	0	NR
445	134	NR	575	219	NR	705	30	NR	835	1	NR	965	0	NR
450	128	NR	580	228	NR	710	26	NR	840	1	NR	970	0	NR
455	83	NR	585	237	NR	715	22	NR	845	0	NR	975	0	NR
460	67	NR	590	246	NR	720	19	NR	850	0	NR	980	0	NR
465	55	NR	595	251	NR	725	16	NR	855	0	NR	985	0	NR
470	42	NR	600	259	NR	730	13	NR	860	0	NR	990	0	NR
475	41	NR	605	266	NR	735	11	NR	865	0	NR	995	0	NR
480	46	NR	610	299	NR	740	10	NR	870	0	NR	1000	0	NR
485	55	NR	615	317	NR	745	8	NR	875	0	NR			

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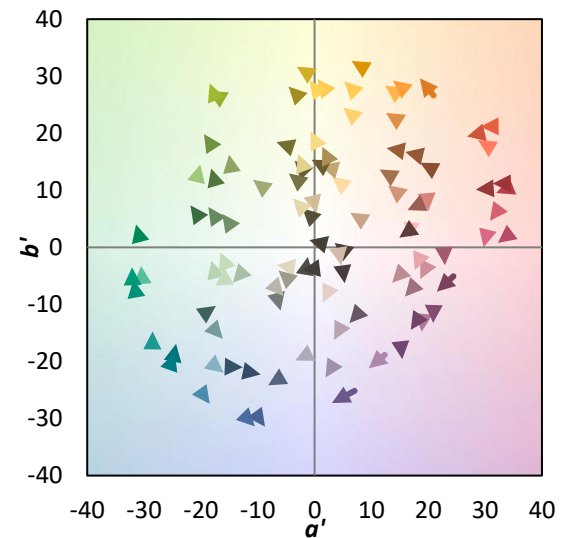
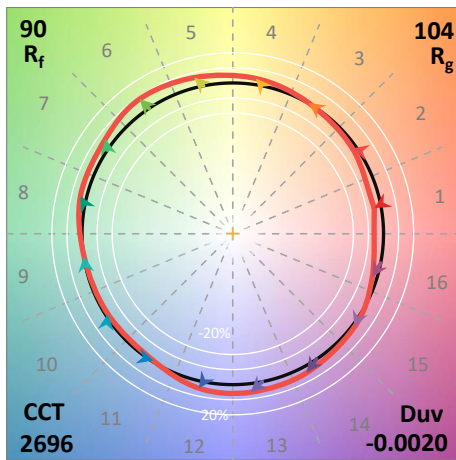
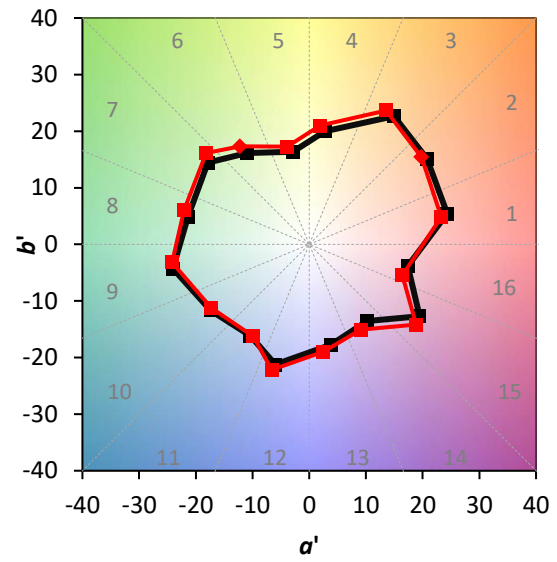
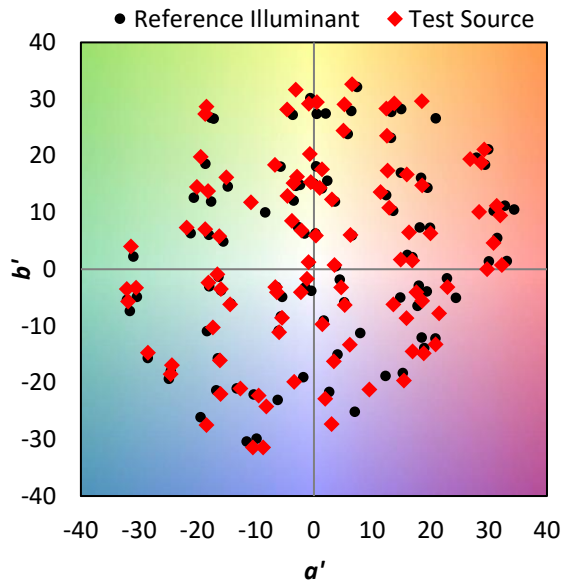
TM-30-18

Summary

$R_f = 90.1$
 $R_g = 103.5$
 $CIE R_a = 94.4$
 $R_9 = 61.8$

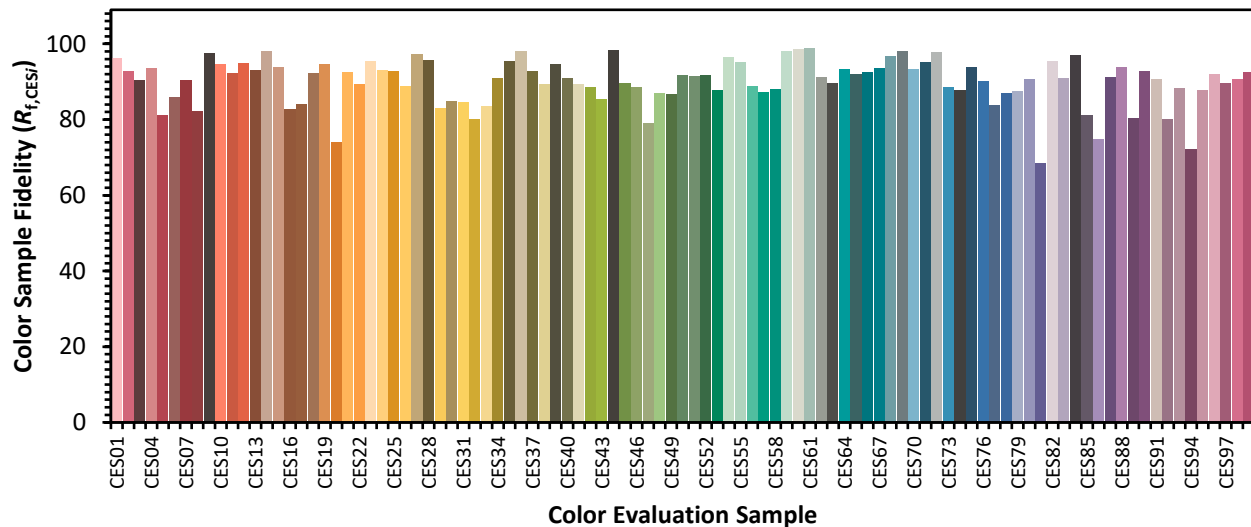


Color Vector Graphics

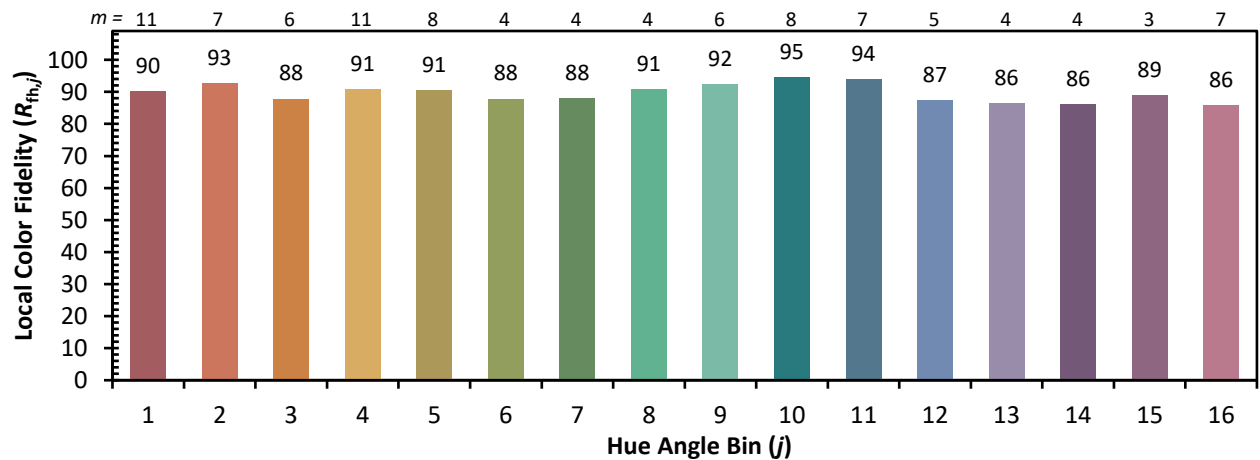
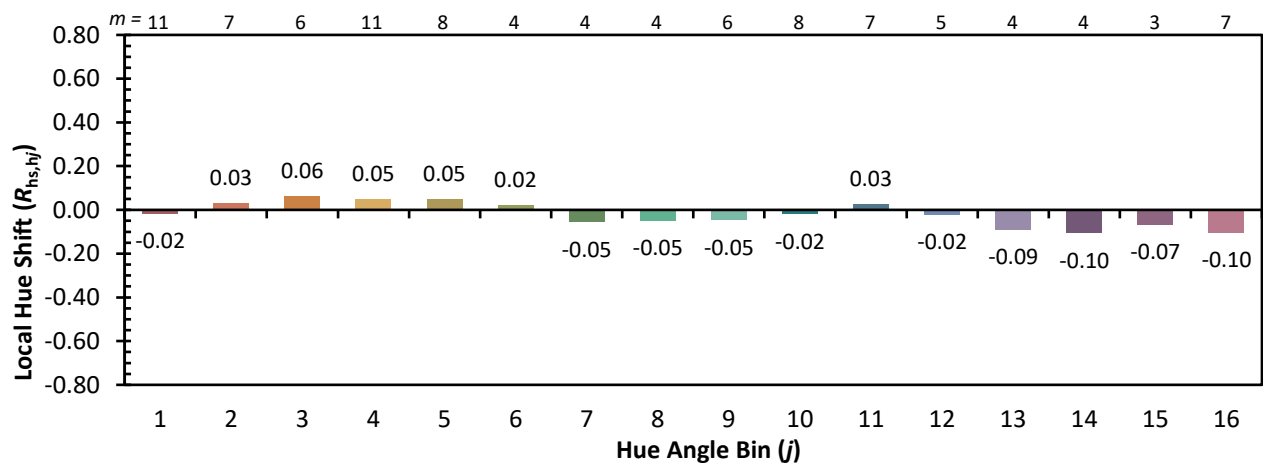
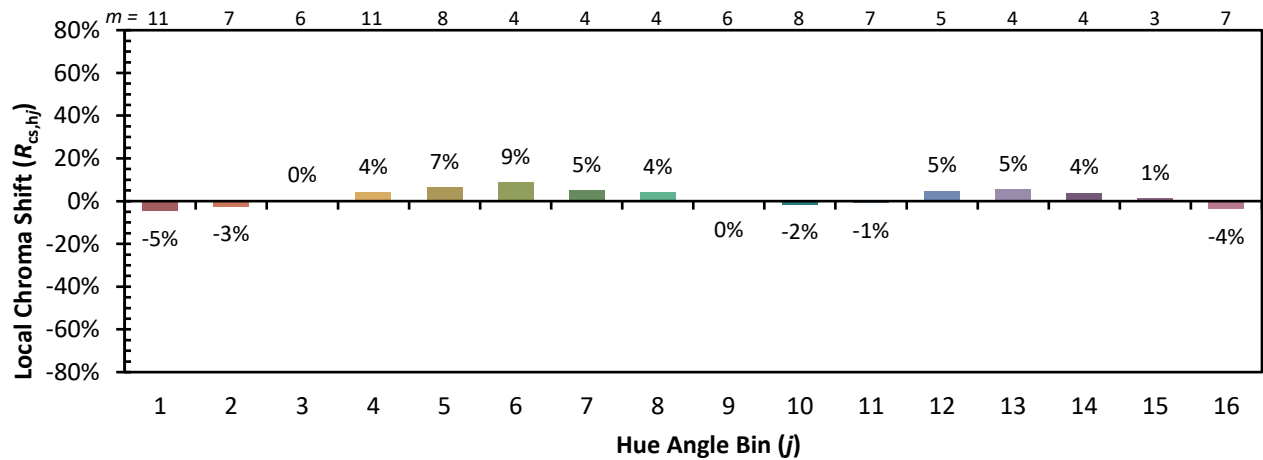


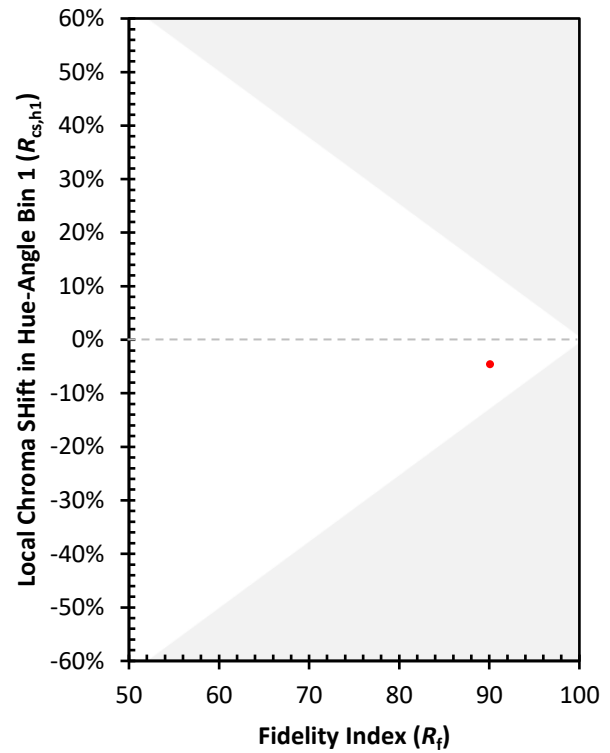
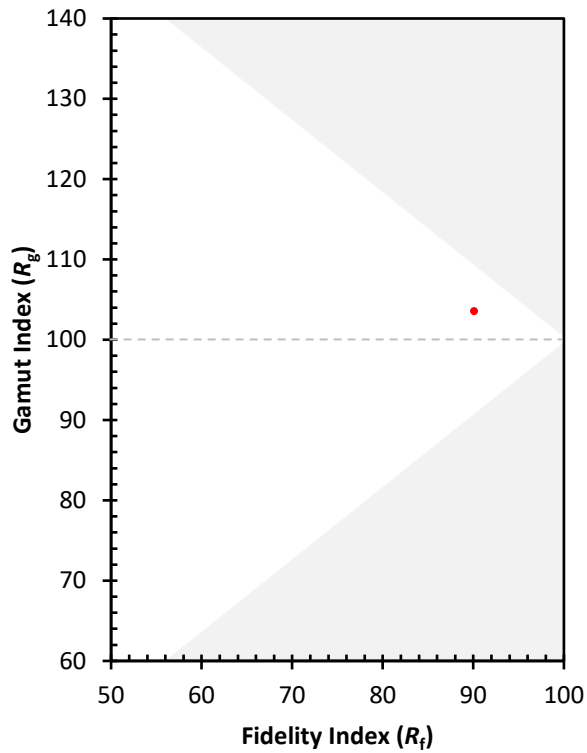
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 89	CES51 = 92	CES76 = 90
CES02 = 64	CES27 = 97	CES52 = 92	CES77 = 84
CES03 = 32	CES28 = 96	CES53 = 88	CES78 = 87
CES04 = 71	CES29 = 83	CES54 = 97	CES79 = 88
CES05 = 51	CES30 = 85	CES55 = 95	CES80 = 91
CES06 = 51	CES31 = 85	CES56 = 89	CES81 = 69
CES07 = 44	CES32 = 80	CES57 = 87	CES82 = 95
CES08 = 43	CES33 = 84	CES58 = 88	CES83 = 91
CES09 = 29	CES34 = 91	CES59 = 98	CES84 = 97
CES10 = 77	CES35 = 96	CES60 = 99	CES85 = 81
CES11 = 59	CES36 = 98	CES61 = 99	CES86 = 75
CES12 = 66	CES37 = 93	CES62 = 91	CES87 = 91
CES13 = 45	CES38 = 89	CES63 = 90	CES88 = 94
CES14 = 74	CES39 = 95	CES64 = 93	CES89 = 80
CES15 = 72	CES40 = 91	CES65 = 92	CES90 = 93
CES16 = 48	CES41 = 89	CES66 = 92	CES91 = 91
CES17 = 50	CES42 = 89	CES67 = 93	CES92 = 80
CES18 = 57	CES43 = 85	CES68 = 97	CES93 = 88
CES19 = 72	CES44 = 98	CES69 = 98	CES94 = 72
CES20 = 68	CES45 = 90	CES70 = 93	CES95 = 88
CES21 = 87	CES46 = 89	CES71 = 95	CES96 = 92
CES22 = 79	CES47 = 79	CES72 = 98	CES97 = 90
CES23 = 92	CES48 = 87	CES73 = 89	CES98 = 91
CES24 = 91	CES49 = 87	CES74 = 88	CES99 = 92
CES25 = 72	CES50 = 92	CES75 = 94	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)