

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: CORELITE

Report Number: P1216231

Luminaire Tested: 24-ID2-90-CNV-L940-U

Issue Date: 12/5/2025

Test Information

Test Method: LM-79-2019
Report Number: P1216231
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2508-510-5)
Test Lab: INNOVATION CENTER
Issue Date: 12/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24-ID2-90-CNV-L940-U
Description: 2X4 IN DEPTH TROFFER WITH 2INCH CURVE DROP
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

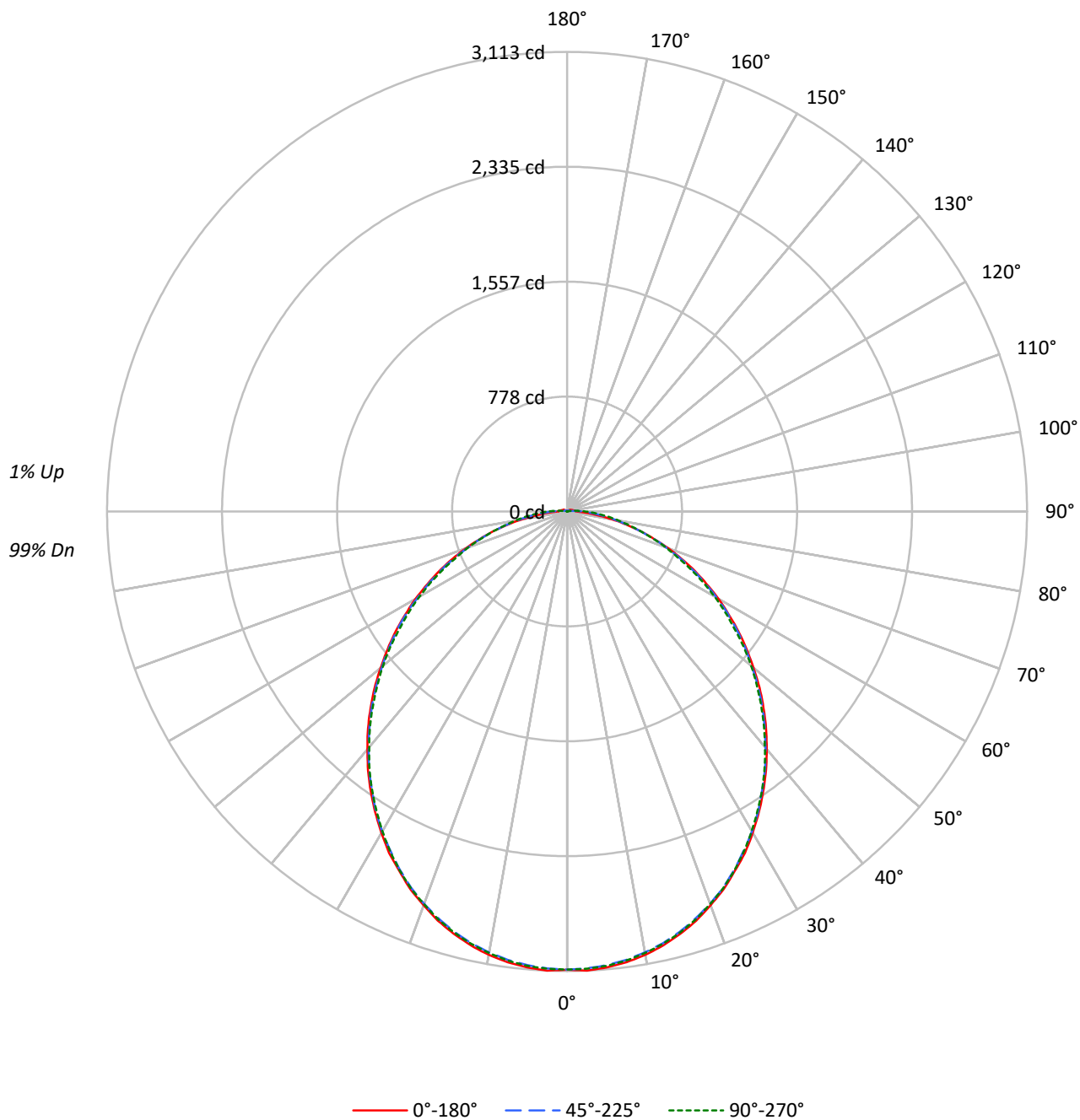
Lumens per Lamp: N/A
Luminaire Lumens: 8287.3 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.2 / 1.31
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 4' x H: 0.16')
CIE Type: Direct

Input Watts (W): 78
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: 24 FT



TEST NUMBER: P1216231
CATALOG NUMBER: 24-ID2-90-CNV-L940-U

Luminous Intensity Polar Plot



TEST NUMBER: P1216231

CATALOG NUMBER: 24-ID2-90-CNV-L940-U

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																				
0	119	119	119	119	116	116	116	116		110	110	110		106	106	106		101	101	101
1	108	104	99	95	105	101	97	94		97	93	90		93	90	87		89	87	85
2	99	90	84	78	96	88	82	77		85	79	75		81	77	73		78	74	71
3	90	80	71	65	87	78	70	64		75	68	63		72	66	62		69	65	61
4	83	71	62	55	80	69	61	55		67	60	54		64	58	53		62	57	52
5	76	63	54	48	74	62	54	47		60	52	47		58	51	46		56	50	46
6	70	57	48	42	68	56	48	42		54	47	41		52	46	41		51	45	40
7	65	52	43	37	63	51	43	37		49	42	36		48	41	36		46	40	36
8	61	47	39	33	59	47	39	33		45	38	33		44	37	32		43	37	32
9	57	44	35	30	55	43	35	30		42	35	30		40	34	29		39	33	29
10	53	40	32	27	52	40	32	27		39	32	27		38	31	27		37	31	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4175	4175	4175
5°	4172	4136	4144
10°	4137	4082	4092
15°	4082	4014	4026
20°	4006	3928	3938
25°	3915	3823	3836
30°	3817	3707	3712
35°	3700	3569	3579
40°	3572	3424	3428
45°	3441	3276	3271
50°	3289	3106	3107
55°	3141	2938	2909
60°	2980	2743	2723
65°	2798	2531	2501
70°	2581	2280	2290
75°	2323	2019	2056
80°	1966	1748	1884
85°	1576	1541	1805

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3441 cd/sqm

TEST NUMBER: P1216231
 CATALOG NUMBER: 24-ID2-90-CNV-L940-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	293.1	3.5
10°-20°	831.6	10.0
20°-30°	1233.7	14.9
30°-40°	1441.4	17.4
40°-50°	1440.7	17.4
50°-60°	1254.3	15.1
60°-70°	929.8	11.2
70°-80°	546.1	6.6
80°-90°	219.2	2.6
90°-100°	57.3	0.7
100°-110°	18.7	0.2
110°-120°	10.8	0.1
120°-130°	5.9	0.1
130°-140°	3.0	0.0
140°-150°	1.4	0.0
150°-160°	0.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2358.4	28.5
0°-40°	3799.8	45.9
0°-60°	6494.8	78.4
0°-90°	8190.0	98.8
90°-120°	86.9	1.0
90°-150°	97.1	1.2
90°-180°	97.0	1.2
0°-180°	8287.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3103	3103	3103	3103	3103	
5°	3100	3090	3085	3082	3089	294
15°	2962	2952	2947	2946	2952	835
25°	2686	2682	2677	2675	2680	1238
35°	2316	2310	2302	2301	2301	1448
45°	1880	1877	1868	1861	1857	1450
55°	1416	1412	1404	1399	1382	1265
65°	954	946	940	926	920	944
75°	514	509	511	515	514	543
85°	149	168	197	219	224	156
90°	60	77	100	118	123	37
95°	51	43	43	51	54	40
105°	35	30	17	4	0	38
115°	23	19	10	2	0	23
125°	15	11	7	1	0	13
135°	8	7	3	1	0	7
145°	4	3	1	1	1	3
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

TEST NUMBER: P1216231

CATALOG NUMBER: 24-ID2-90-CNV-L940-U

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3103.0	3103.0	3103.0	3103.0	3103.0
2.5°	3113.3	3101.9	3097.4	3094.0	3099.6
5°	3099.6	3090.5	3084.9	3081.5	3089.4
7.5°	3079.2	3069.0	3063.3	3061.0	3067.8
10°	3049.6	3037.1	3032.6	3030.3	3037.1
12.5°	3009.9	2999.6	2995.1	2992.8	2999.6
15°	2962.2	2951.9	2947.4	2946.2	2951.9
17.5°	2906.5	2896.3	2890.6	2890.6	2897.4
20°	2838.3	2831.5	2828.1	2826.9	2830.4
22.5°	2770.1	2759.9	2758.8	2754.2	2762.2
25°	2686.0	2681.5	2677.0	2674.7	2680.4
27.5°	2607.6	2595.2	2589.5	2590.6	2594.0
30°	2513.3	2505.4	2503.1	2497.4	2499.7
32.5°	2415.6	2409.9	2407.7	2400.9	2400.9
35°	2315.6	2310.0	2302.0	2300.9	2300.9
37.5°	2212.2	2206.6	2199.7	2194.1	2196.3
40°	2102.0	2096.3	2088.4	2087.3	2082.7
42.5°	1994.1	1988.4	1979.3	1978.2	1973.6
45°	1880.5	1877.1	1868.0	1861.1	1856.6
47.5°	1766.8	1761.2	1750.9	1744.1	1740.7
50°	1646.4	1640.7	1633.9	1627.1	1625.9
52.5°	1530.5	1529.4	1519.1	1513.5	1507.8
55°	1415.7	1412.3	1404.4	1398.7	1381.7
57.5°	1296.4	1294.2	1289.6	1277.1	1266.9
60°	1184.0	1177.1	1169.2	1154.4	1152.1
62.5°	1064.6	1064.6	1052.1	1040.8	1036.2
65°	954.4	946.5	939.7	926.0	920.3
67.5°	839.7	838.5	826.0	818.1	807.9
70°	728.3	724.9	714.7	712.4	710.1
72.5°	617.0	615.8	613.6	611.3	605.6
75°	513.6	509.0	511.3	514.7	513.6
77.5°	409.0	414.7	417.0	427.2	428.4
80°	311.3	320.4	334.1	350.0	353.4
82.5°	222.7	235.2	261.3	281.8	286.3
85°	148.8	168.2	196.6	219.3	223.8
87.5°	92.0	113.6	144.3	165.9	169.3
90°	60.2	77.3	100.0	118.2	122.7
92.5°	55.7	54.5	67.0	80.7	85.2
95°	51.1	43.2	43.2	51.1	54.5
97.5°	47.7	39.8	27.3	28.4	29.5
100°	43.2	36.4	20.5	12.5	12.5
102.5°	39.8	33.0	18.2	4.5	1.1
105°	35.2	29.5	17.0	4.5	0.0
107.5°	31.8	27.3	14.8	3.4	0.0
110°	28.4	23.9	13.6	3.4	0.0

TEST NUMBER: P1216231

CATALOG NUMBER: 24-ID2-90-CNV-L940-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	26.1	21.6	12.5	2.3	0.0
115°	22.7	19.3	10.2	2.3	0.0
117.5°	20.5	17.0	9.1	1.1	0.0
120°	18.2	14.8	8.0	1.1	0.0
122.5°	15.9	13.6	6.8	1.1	0.0
125°	14.8	11.4	6.8	1.1	0.0
127.5°	12.5	10.2	5.7	0.0	0.0
130°	11.4	9.1	4.5	0.0	0.0
132.5°	10.2	8.0	3.4	1.1	0.0
135°	8.0	6.8	3.4	1.1	0.0
137.5°	6.8	5.7	2.3	1.1	1.1
140°	5.7	4.5	2.3	1.1	1.1
142.5°	5.7	4.5	2.3	1.1	1.1
145°	4.5	3.4	1.1	1.1	1.1
147.5°	3.4	2.3	1.1	1.1	1.1
150°	2.3	2.3	1.1	1.1	1.1
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
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

TEST NUMBER: P1216231

CATALOG NUMBER: 24-ID2-90-CNV-L940-U

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	15.58	17.18	15.97	17.52	17.86	15.60	17.19	15.98	17.53	17.88
	3H	17.25	18.69	17.65	19.04	19.43	17.28	18.72	17.67	19.07	19.46
	4H	17.85	19.21	18.27	19.58	19.98	17.93	19.29	18.35	19.66	20.07
	6H	18.27	19.53	18.70	19.92	20.34	18.47	19.73	18.90	20.12	20.54
	8H	18.39	19.60	18.84	20.01	20.44	18.70	19.90	19.14	20.32	20.74
	12H	18.47	19.63	18.92	20.03	20.49	18.91	20.06	19.36	20.47	20.93
4H	2H	16.15	17.51	16.57	17.89	18.29	16.17	17.53	16.58	17.90	18.30
	3H	18.03	19.17	18.46	19.59	20.02	18.06	19.20	18.49	19.62	20.05
	4H	18.75	19.79	19.20	20.22	20.69	18.84	19.87	19.29	20.31	20.77
	6H	19.29	20.20	19.77	20.66	21.15	19.52	20.43	19.99	20.89	21.37
	8H	19.46	20.31	19.94	20.78	21.27	19.81	20.66	20.29	21.12	21.62
	12H	19.59	20.35	20.08	20.85	21.34	20.09	20.85	20.59	21.35	21.85
8H	4H	19.03	19.88	19.51	20.35	20.84	19.11	19.96	19.59	20.43	20.92
	6H	19.69	20.40	20.20	20.91	21.41	19.92	20.63	20.44	21.14	21.65
	8H	19.93	20.57	20.46	21.09	21.61	20.31	20.95	20.84	21.47	21.99
	12H	20.13	20.69	20.65	21.20	21.79	20.70	21.27	21.23	21.78	22.36
12H	4H	19.07	19.83	19.57	20.33	20.83	19.14	19.90	19.64	20.40	20.90
	6H	19.75	20.39	20.28	20.92	21.43	19.97	20.61	20.50	21.14	21.65
	8H	20.05	20.62	20.58	21.13	21.72	20.42	20.99	20.95	21.50	22.09

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

Report Prepared for

Cooper Lighting Solutions

Corelite

Report Number: SP1-2506-458-11

Test Date: 08/26/2025

Luminaire Tested: 22ID2-55-CFR1-L940-U

Data in this report applies to families of products including 22ID2-55-CFR1-L940-U

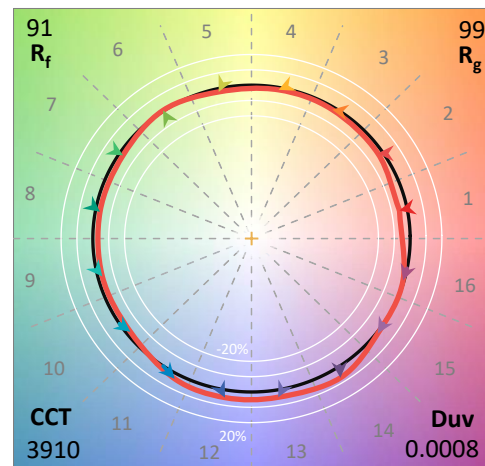
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-458-11
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/27/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Corelite
 Catalog Number: **22ID2-55-CFR1-L940-U**
 Description: 2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 4000K 90CRI

Spectral Parameters

CCT (K): 3910
 CIE u' : 0.2263
 CIE v' : 0.5043
 Duv: 0.0008
 CIE x: 0.3851
 CIE y: 0.3813
 CIE z: 0.2336
 Peak Wavelength (nm): 451
 Dominant Wavelength (nm): 578
 Purity: 30.01895
 R_f: 90.8
 R_g: 98.8

CRI (Ra): 92.4
 R1: 92.5
 R2: 94.9
 R3: 95.8
 R4: 92.7
 R5: 91.7
 R6: 92.1
 R7: 94.3
 R8: 85.2
 R9: 62.0
 R10: 87.0
 R11: 92.8
 R12: 71.7
 R13: 93.2
 R14: 97.3
 R15: 89.6



Test Conditions

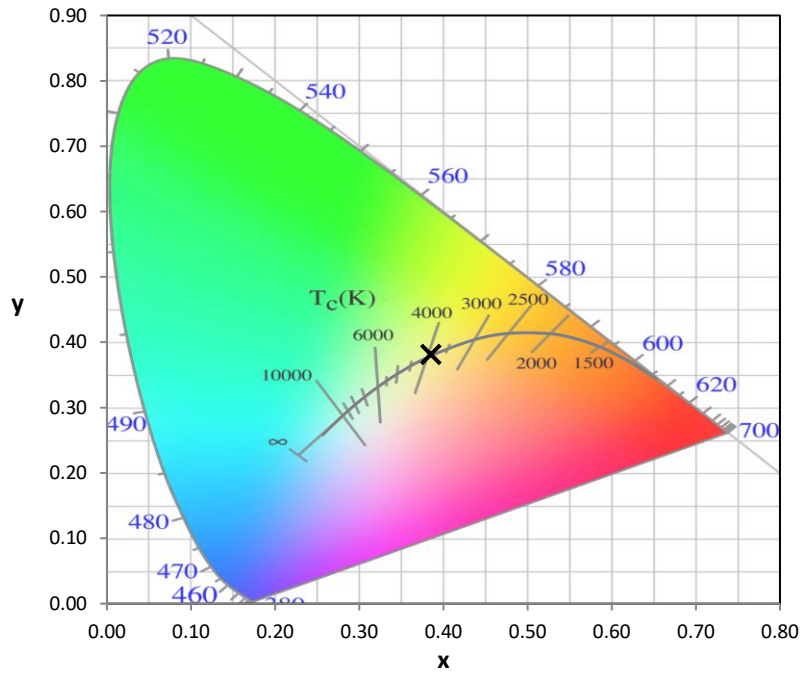
Stabilization Time: 31M
 Operation Time: 1H 31M
 Sphere Temperature (°C): 25.2.

REPORT NUMBER: SP1-2506-458-11

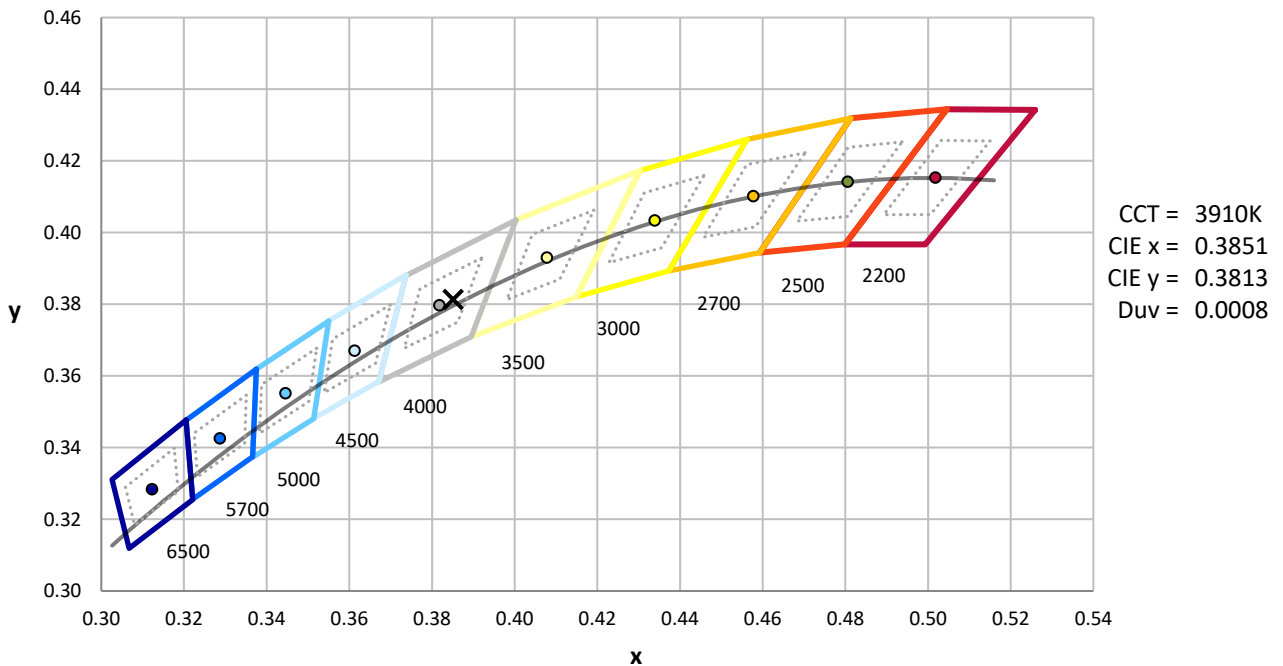
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2506-458-11

CIE 1931 Chromaticity Diagram



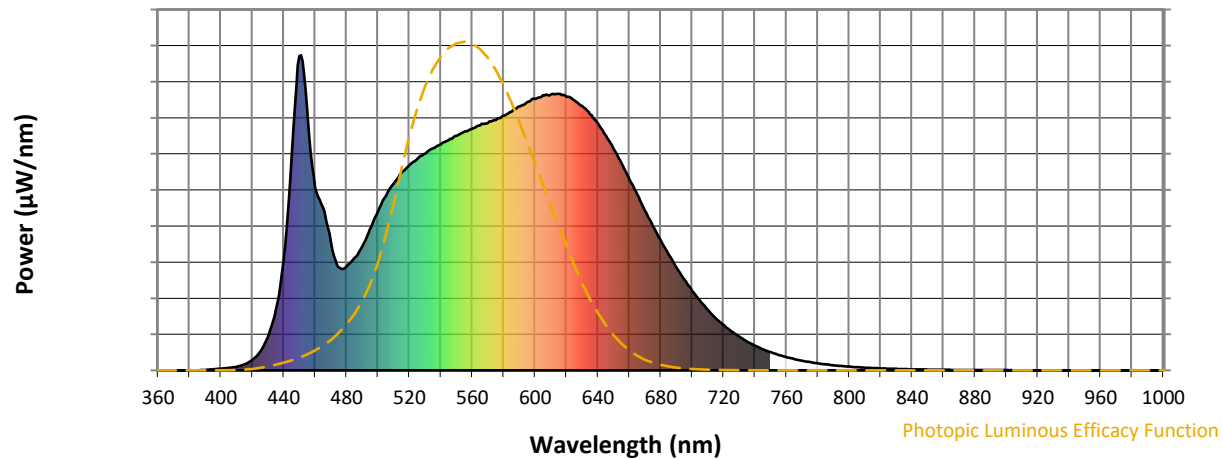
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-11

Photopic Flux vs. Wavelength

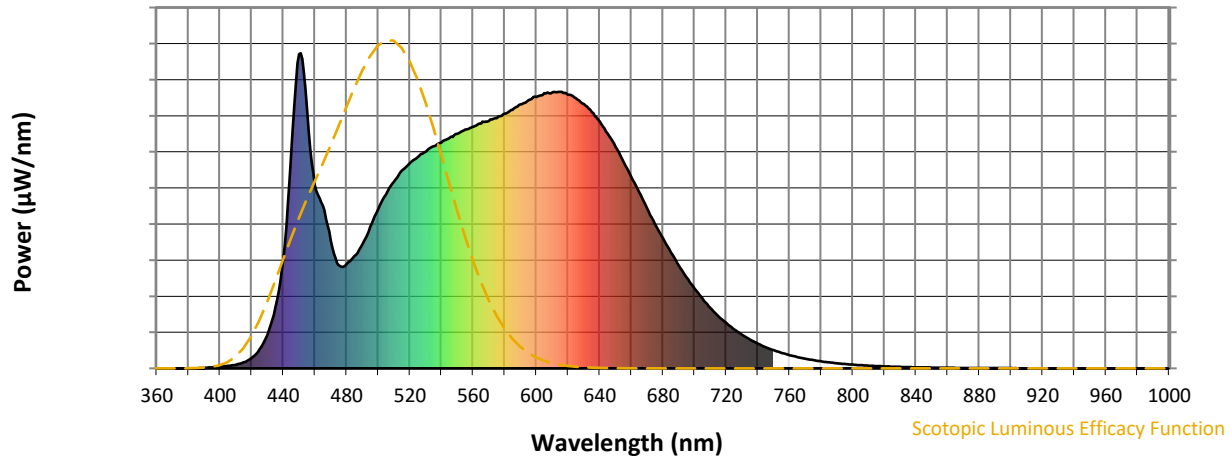


Photopic Lumens: NR

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	394	NR	620	868	NR	750	58	NR	880	1	NR
365	0	NR	495	449	NR	625	858	NR	755	49	NR	885	1	NR
370	0	NR	500	505	NR	630	839	NR	760	42	NR	890	1	NR
375	0	NR	505	553	NR	635	813	NR	765	36	NR	895	1	NR
380	0	NR	510	593	NR	640	783	NR	770	31	NR	900	1	NR
385	0	NR	515	628	NR	645	746	NR	775	26	NR	905	1	NR
390	1	NR	520	651	NR	650	702	NR	780	22	NR	910	0	NR
395	4	NR	525	670	NR	655	657	NR	785	19	NR	915	0	NR
400	5	NR	530	687	NR	660	607	NR	790	16	NR	920	0	NR
405	8	NR	535	705	NR	665	559	NR	795	14	NR	925	0	NR
410	12	NR	540	717	NR	670	507	NR	800	12	NR	930	0	NR
415	19	NR	545	731	NR	675	458	NR	805	10	NR	935	0	NR
420	34	NR	550	745	NR	680	413	NR	810	9	NR	940	0	NR
425	60	NR	555	757	NR	685	367	NR	815	7	NR	945	0	NR
430	107	NR	560	767	NR	690	328	NR	820	6	NR	950	0	NR
435	194	NR	565	777	NR	695	289	NR	825	5	NR	955	0	NR
440	349	NR	570	785	NR	700	253	NR	830	5	NR	960	0	NR
445	678	NR	575	794	NR	705	221	NR	835	4	NR	965	0	NR
450	997	NR	580	809	NR	710	192	NR	840	3	NR	970	0	NR
455	819	NR	585	820	NR	715	165	NR	845	3	NR	975	0	NR
460	581	NR	590	838	NR	720	144	NR	850	2	NR	980	0	NR
465	517	NR	595	851	NR	725	124	NR	855	2	NR	985	0	NR
470	406	NR	600	861	NR	730	107	NR	860	2	NR	990	0	NR
475	327	NR	605	873	NR	735	91	NR	865	2	NR	995	0	NR
480	330	NR	610	875	NR	740	78	NR	870	1	NR	1000	0	NR
485	356	NR	615	877	NR	745	67	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-11

Scotopic Flux vs. Wavelength



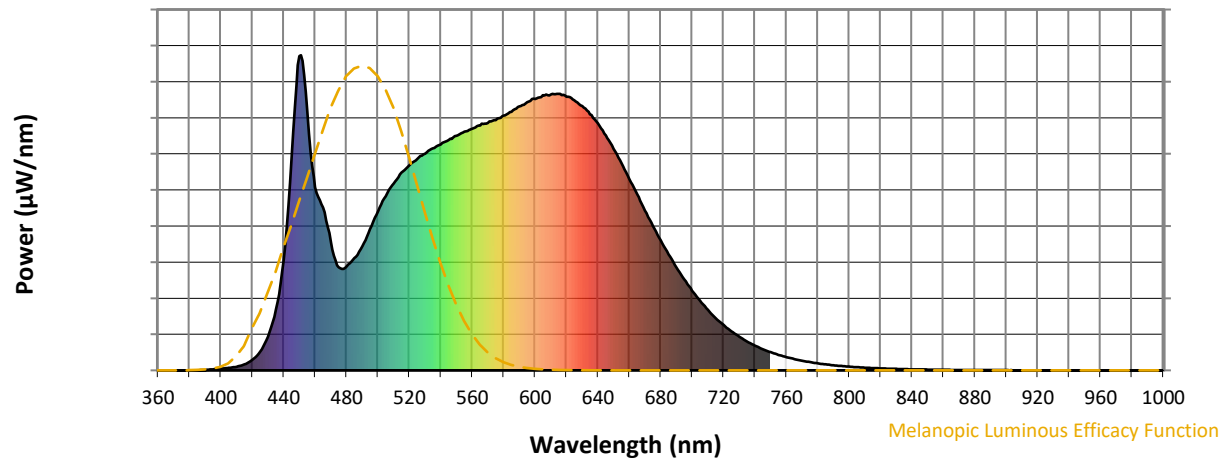
Scotopic Lumens: NR

S/P: 1.75

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	394	NR	620	868	NR	750	58	NR	880	1	NR
365	0	NR	495	449	NR	625	858	NR	755	49	NR	885	1	NR
370	0	NR	500	505	NR	630	839	NR	760	42	NR	890	1	NR
375	0	NR	505	553	NR	635	813	NR	765	36	NR	895	1	NR
380	0	NR	510	593	NR	640	783	NR	770	31	NR	900	1	NR
385	0	NR	515	628	NR	645	746	NR	775	26	NR	905	1	NR
390	1	NR	520	651	NR	650	702	NR	780	22	NR	910	0	NR
395	4	NR	525	670	NR	655	657	NR	785	19	NR	915	0	NR
400	5	NR	530	687	NR	660	607	NR	790	16	NR	920	0	NR
405	8	NR	535	705	NR	665	559	NR	795	14	NR	925	0	NR
410	12	NR	540	717	NR	670	507	NR	800	12	NR	930	0	NR
415	19	NR	545	731	NR	675	458	NR	805	10	NR	935	0	NR
420	34	NR	550	745	NR	680	413	NR	810	9	NR	940	0	NR
425	60	NR	555	757	NR	685	367	NR	815	7	NR	945	0	NR
430	107	NR	560	767	NR	690	328	NR	820	6	NR	950	0	NR
435	194	NR	565	777	NR	695	289	NR	825	5	NR	955	0	NR
440	349	NR	570	785	NR	700	253	NR	830	5	NR	960	0	NR
445	678	NR	575	794	NR	705	221	NR	835	4	NR	965	0	NR
450	997	NR	580	809	NR	710	192	NR	840	3	NR	970	0	NR
455	819	NR	585	820	NR	715	165	NR	845	3	NR	975	0	NR
460	581	NR	590	838	NR	720	144	NR	850	2	NR	980	0	NR
465	517	NR	595	851	NR	725	124	NR	855	2	NR	985	0	NR
470	406	NR	600	861	NR	730	107	NR	860	2	NR	990	0	NR
475	327	NR	605	873	NR	735	91	NR	865	2	NR	995	0	NR
480	330	NR	610	875	NR	740	78	NR	870	1	NR	1000	0	NR
485	356	NR	615	877	NR	745	67	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.61

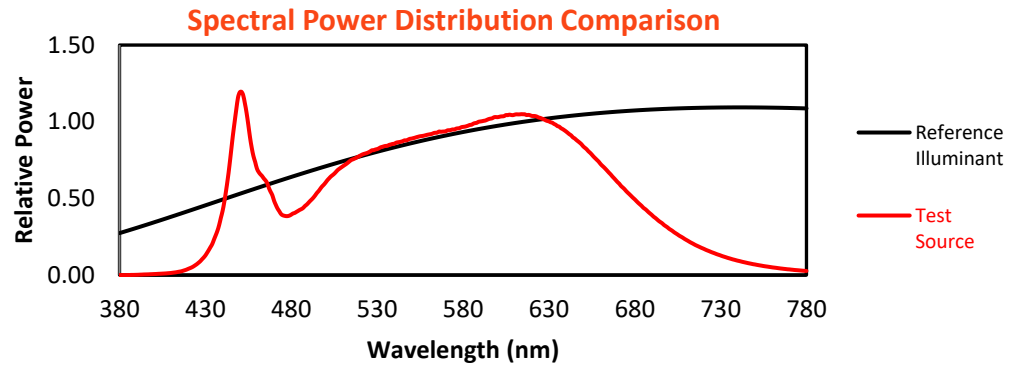
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	394	NR	620	868	NR	750	58	NR	880	1	NR
365	0	NR	495	449	NR	625	858	NR	755	49	NR	885	1	NR
370	0	NR	500	505	NR	630	839	NR	760	42	NR	890	1	NR
375	0	NR	505	553	NR	635	813	NR	765	36	NR	895	1	NR
380	0	NR	510	593	NR	640	783	NR	770	31	NR	900	1	NR
385	0	NR	515	628	NR	645	746	NR	775	26	NR	905	1	NR
390	1	NR	520	651	NR	650	702	NR	780	22	NR	910	0	NR
395	4	NR	525	670	NR	655	657	NR	785	19	NR	915	0	NR
400	5	NR	530	687	NR	660	607	NR	790	16	NR	920	0	NR
405	8	NR	535	705	NR	665	559	NR	795	14	NR	925	0	NR
410	12	NR	540	717	NR	670	507	NR	800	12	NR	930	0	NR
415	19	NR	545	731	NR	675	458	NR	805	10	NR	935	0	NR
420	34	NR	550	745	NR	680	413	NR	810	9	NR	940	0	NR
425	60	NR	555	757	NR	685	367	NR	815	7	NR	945	0	NR
430	107	NR	560	767	NR	690	328	NR	820	6	NR	950	0	NR
435	194	NR	565	777	NR	695	289	NR	825	5	NR	955	0	NR
440	349	NR	570	785	NR	700	253	NR	830	5	NR	960	0	NR
445	678	NR	575	794	NR	705	221	NR	835	4	NR	965	0	NR
450	997	NR	580	809	NR	710	192	NR	840	3	NR	970	0	NR
455	819	NR	585	820	NR	715	165	NR	845	3	NR	975	0	NR
460	581	NR	590	838	NR	720	144	NR	850	2	NR	980	0	NR
465	517	NR	595	851	NR	725	124	NR	855	2	NR	985	0	NR
470	406	NR	600	861	NR	730	107	NR	860	2	NR	990	0	NR
475	327	NR	605	873	NR	735	91	NR	865	2	NR	995	0	NR
480	330	NR	610	875	NR	740	78	NR	870	1	NR	1000	0	NR
485	356	NR	615	877	NR	745	67	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-11

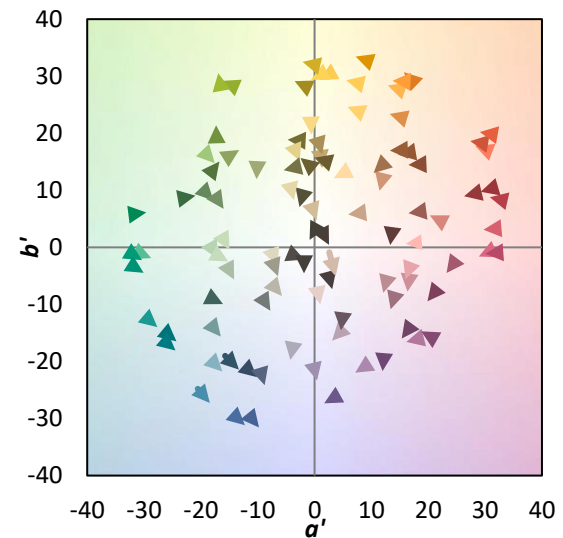
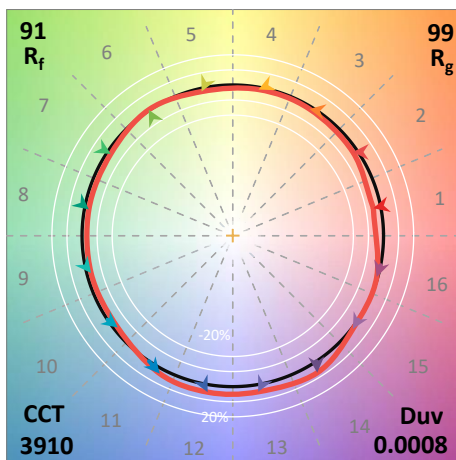
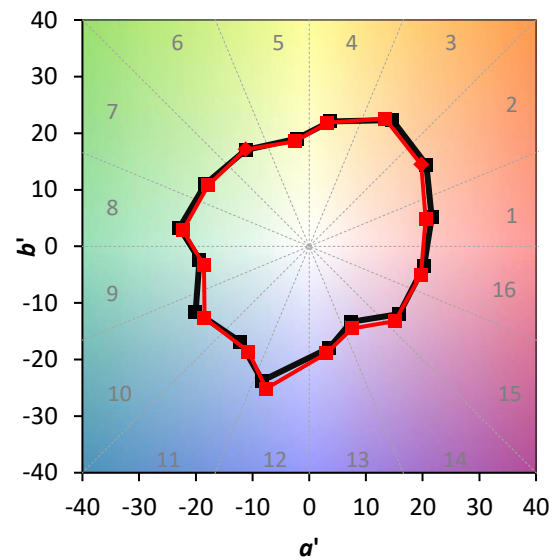
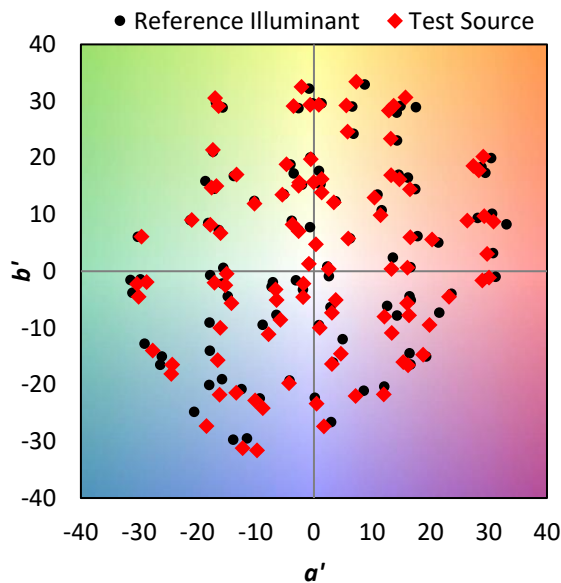
TM-30-18

Summary

$R_f = 90.8$
 $R_g = 98.8$
 $CIE R_a = 92.4$
 $R_9 = 62.0$

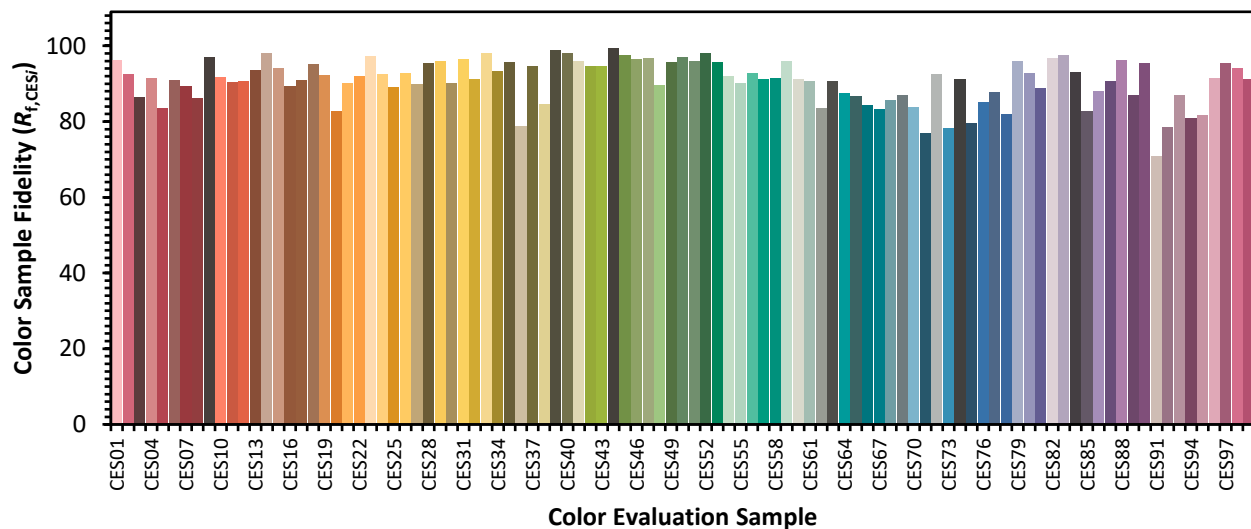


Color Vector Graphics

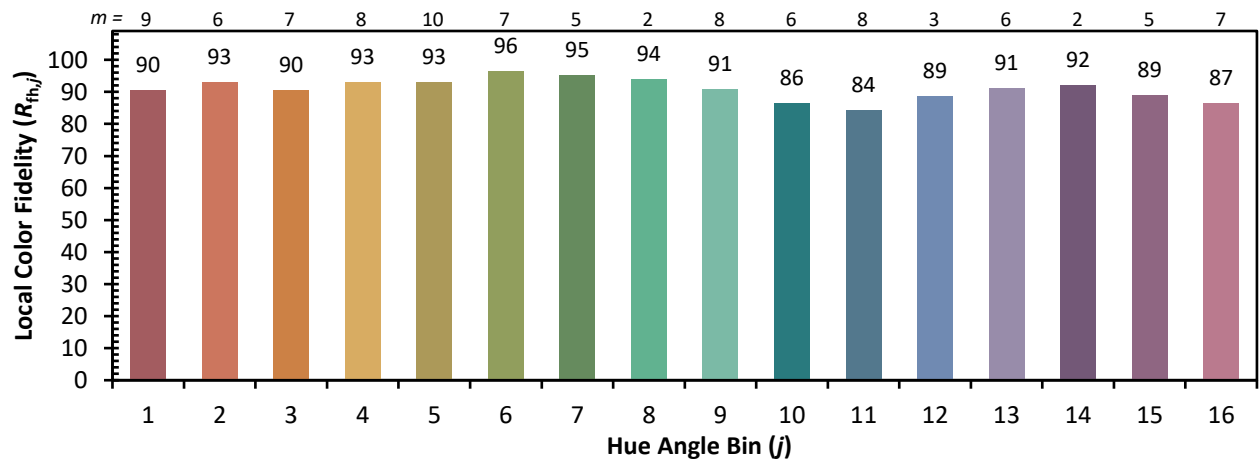
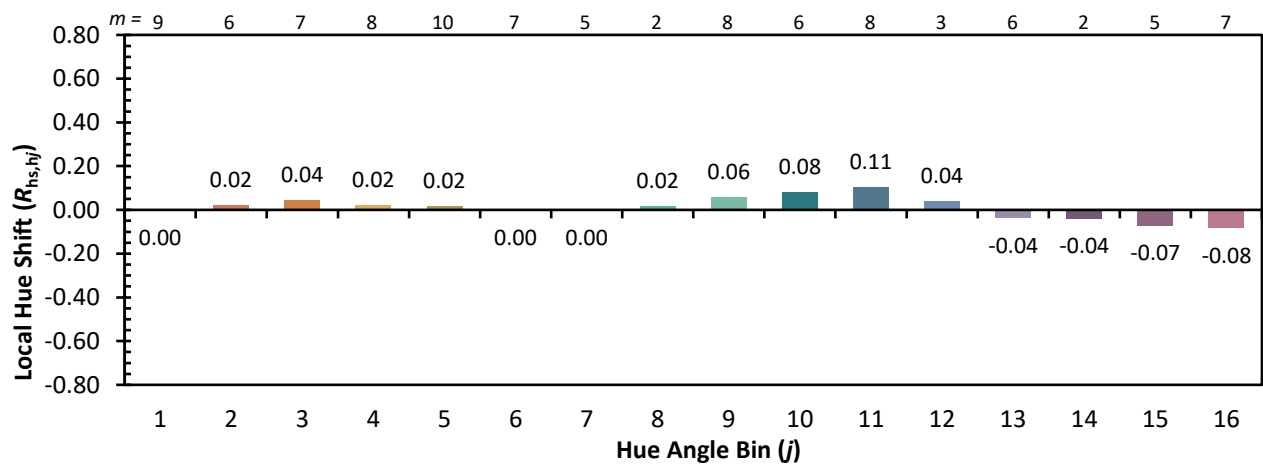
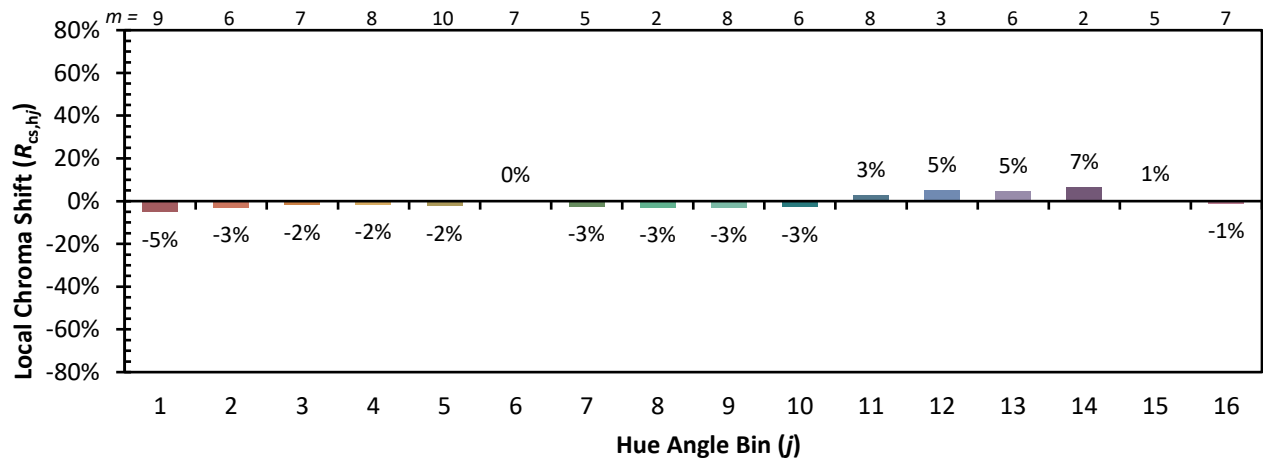


Individual Sample Fidelity Index ($R_{f,i}$)

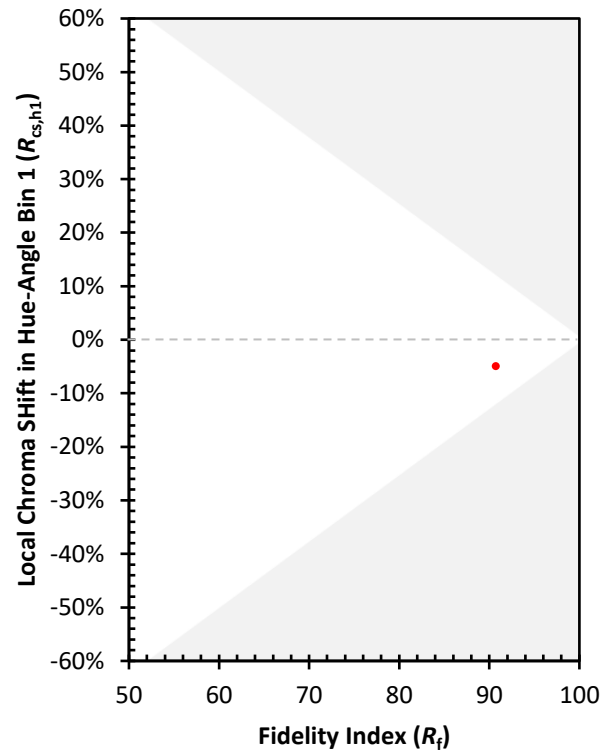
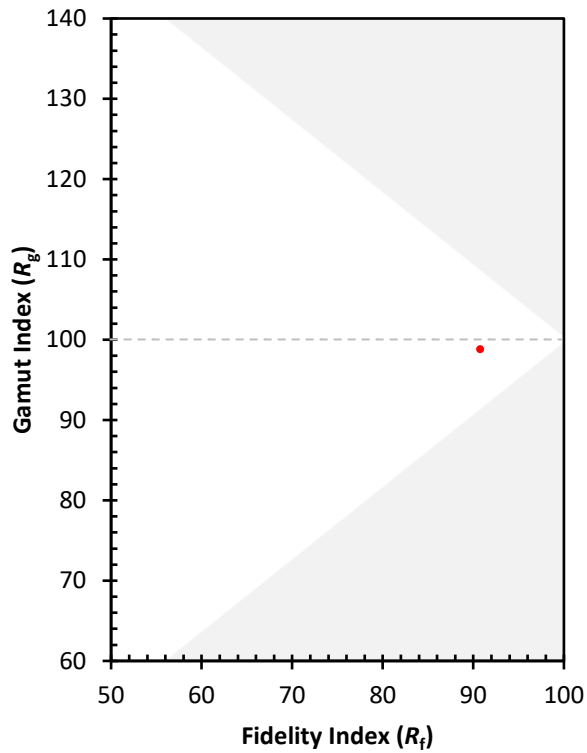
CES01 = 86	CES26 = 93	CES51 = 96	CES76 = 85
CES02 = 62	CES27 = 90	CES52 = 98	CES77 = 88
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 82
CES04 = 69	CES29 = 96	CES54 = 92	CES79 = 96
CES05 = 49	CES30 = 90	CES55 = 90	CES80 = 93
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 96	CES84 = 93
CES10 = 74	CES35 = 96	CES60 = 91	CES85 = 83
CES11 = 57	CES36 = 79	CES61 = 91	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 84	CES87 = 91
CES13 = 43	CES38 = 85	CES63 = 91	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 87	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 87	CES90 = 96
CES16 = 47	CES41 = 96	CES66 = 84	CES91 = 71
CES17 = 49	CES42 = 95	CES67 = 83	CES92 = 79
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 87	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 84	CES95 = 82
CES21 = 85	CES46 = 97	CES71 = 77	CES96 = 91
CES22 = 78	CES47 = 97	CES72 = 93	CES97 = 96
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 91	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)