

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: P1214776

Luminaire Tested: 22-ID2-50-CFD1-L950-U

Issue Date: 12/4/2025

Test Information

Test Method: LM-79-2019
Report Number: P1214776
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2506-458-12)
Test Lab: INNOVATION CENTER
Issue Date: 12/4/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22-ID2-50-CFD1-L950-U
Description: 2X2 IN DEPTH TROFFER WITH 1INCH CUBE DROP LENS
Light Source: 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

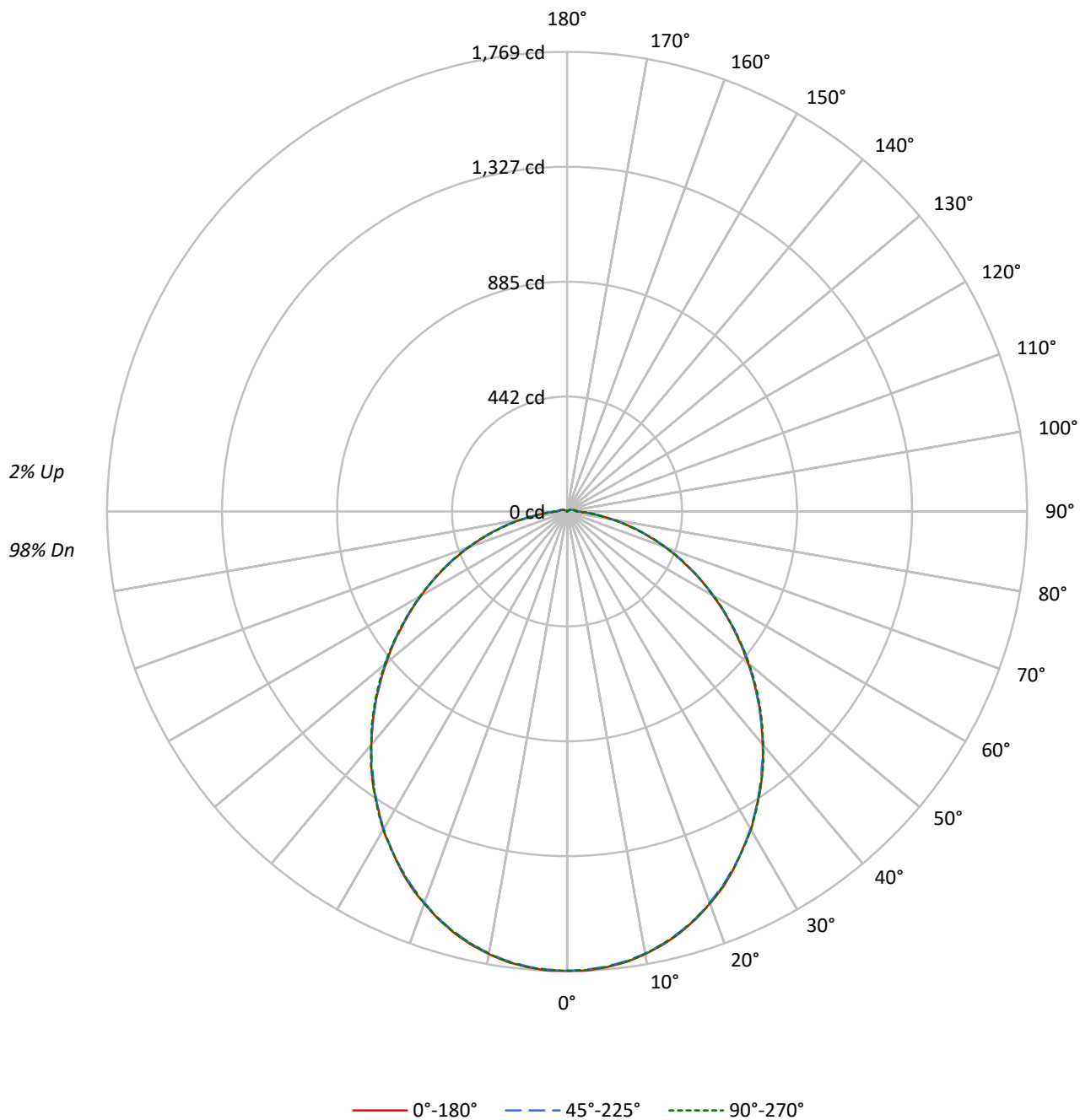
Lumens per Lamp: N/A
Luminaire Lumens: 4664.1 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.19 / 1.3
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 2' x H: 0.08')
CIE Type: Direct

Input Watts (W): 44.8
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



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Luminous Intensity Polar Plot



TEST NUMBER: P1214776

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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		105	105	105		100	100	100
1	108	104	99	95	105	101	97	94		97	93	90		92	90	87		89	86	84
2	99	91	84	78	96	88	82	77		85	79	75		81	77	73		78	74	71
3	90	80	72	65	88	78	71	64		75	68	63		72	66	62		69	64	61
4	83	71	62	55	80	69	61	55		67	60	54		64	58	53		62	57	52
5	76	63	55	48	74	62	54	48		60	53	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	64	51	43	37		49	42	37		48	41	36		46	40	36
8	61	48	39	33	59	47	39	33		45	38	33		44	37	33		43	37	32
9	57	44	36	30	55	43	35	30		42	35	30		41	34	29		39	34	29
10	53	40	33	27	52	40	32	27		39	32	27		38	31	27		37	31	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4758	4758	4758
5°	4739	4724	4736
10°	4694	4674	4691
15°	4628	4598	4623
20°	4533	4498	4534
25°	4423	4379	4418
30°	4295	4243	4293
35°	4150	4087	4141
40°	3978	3935	3982
45°	3813	3747	3828
50°	3630	3579	3655
55°	3449	3388	3467
60°	3260	3191	3280
65°	3062	2989	3086
70°	2838	2762	2854
75°	2593	2480	2556
80°	2243	2118	2213
85°	1949	1802	1862

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 3828 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.9	3.6
10°-20°	472.5	10.1
20°-30°	697.5	15.0
30°-40°	809.8	17.4
40°-50°	804.3	17.2
50°-60°	698.6	15.0
60°-70°	521.0	11.2
70°-80°	305.0	6.5
80°-90°	109.0	2.3
90°-100°	37.2	0.8
100°-110°	23.1	0.5
110°-120°	12.2	0.3
120°-130°	5.2	0.1
130°-140°	1.5	0.0
140°-150°	0.3	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1336.9	28.7
0°-40°	2146.7	46.0
0°-60°	3649.6	78.2
0°-90°	4584.6	98.3
90°-120°	72.5	1.6
90°-150°	79.4	1.7
90°-180°	79.0	1.7
0°-180°	4664.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1768	1768	1768	1768	1768	
5°	1760	1759	1758	1757	1759	167
15°	1679	1677	1676	1676	1677	473
25°	1517	1516	1514	1515	1516	698
35°	1299	1295	1293	1295	1296	811
45°	1042	1043	1040	1044	1046	803
55°	777	781	781	782	781	696
65°	522	527	526	526	526	518
75°	287	288	289	288	282	302
85°	92	95	96	93	88	93
90°	39	42	43	42	38	24
95°	33	34	35	34	32	26
105°	22	22	22	21	22	24
115°	14	12	12	11	14	14
125°	7	6	4	6	7	7
135°	2	2	1	2	3	2
145°	1	1	1	1	1	0
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

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1768.2	1768.2	1768.2	1768.2	1768.2
2.5°	1768.7	1766.4	1764.6	1764.6	1766.4
5°	1760.5	1759.4	1757.6	1757.0	1759.4
7.5°	1748.8	1747.1	1745.3	1745.3	1747.6
10°	1730.1	1728.9	1727.7	1728.3	1728.9
12.5°	1707.8	1705.4	1704.3	1704.3	1704.9
15°	1679.1	1677.3	1675.6	1676.1	1677.3
17.5°	1645.1	1644.5	1642.7	1643.3	1643.9
20°	1605.8	1604.6	1602.9	1604.1	1606.4
22.5°	1565.4	1561.9	1560.7	1561.3	1563.0
25°	1517.3	1516.1	1513.8	1515.0	1515.6
27.5°	1463.4	1467.5	1464.6	1464.0	1465.2
30°	1414.2	1410.7	1410.1	1410.1	1413.6
32.5°	1353.2	1353.2	1353.8	1354.4	1356.7
35°	1298.7	1294.6	1293.4	1295.2	1295.8
37.5°	1236.0	1235.4	1231.3	1234.8	1237.8
40°	1170.4	1169.8	1173.3	1171.0	1171.5
42.5°	1105.9	1106.5	1105.9	1108.8	1110.6
45°	1042.0	1042.6	1040.3	1043.8	1046.1
47.5°	974.6	977.0	975.8	977.0	980.5
50°	908.4	911.3	912.5	912.5	914.8
52.5°	843.3	845.7	847.4	848.0	847.4
55°	777.1	780.6	780.6	781.8	781.2
57.5°	712.7	716.8	716.2	716.8	715.6
60°	647.6	650.5	651.1	652.3	651.7
62.5°	586.6	587.8	588.4	588.4	586.1
65°	522.2	526.9	526.3	525.7	526.3
67.5°	461.2	464.2	466.5	464.7	464.2
70°	400.3	405.6	405.6	405.0	402.6
72.5°	340.5	345.2	345.2	345.2	344.6
75°	286.6	288.3	288.9	288.3	282.5
77.5°	230.3	232.1	234.4	233.8	229.2
80°	177.6	181.1	180.5	179.9	175.2
82.5°	130.1	134.2	135.4	133.6	130.1
85°	92.0	94.9	96.1	93.2	87.9
87.5°	61.0	63.9	64.5	63.3	59.8
90°	39.3	42.2	43.4	42.2	38.1
92.5°	35.7	37.5	38.7	37.5	34.6
95°	32.8	34.0	35.2	34.0	32.2
97.5°	29.9	30.5	31.6	30.5	29.3
100°	27.5	27.0	28.1	27.0	27.0
102.5°	24.6	24.0	25.2	24.0	24.6
105°	22.3	21.7	22.3	21.1	21.7
107.5°	19.9	18.8	19.3	18.2	19.9
110°	17.6	16.4	16.4	15.2	17.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	15.8	14.1	14.1	13.5	15.2
115°	13.5	11.7	11.7	11.1	13.5
117.5°	11.7	10.0	9.4	10.0	11.7
120°	10.0	8.2	7.6	8.2	10.0
122.5°	8.8	7.0	5.9	7.0	8.8
125°	7.0	5.9	4.1	5.9	7.0
127.5°	5.9	4.1	2.3	4.7	5.9
130°	4.7	3.5	1.8	4.1	4.7
132.5°	3.5	2.3	0.6	2.9	4.1
135°	2.3	1.8	0.6	1.8	2.9
137.5°	1.8	1.2	0.6	1.2	2.3
140°	1.2	0.6	0.6	0.6	1.2
142.5°	0.6	0.6	0.6	0.6	0.6
145°	0.6	0.6	0.6	0.6	0.6
147.5°	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0
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

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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	16.05	17.62	16.44	17.97	18.33	16.05	17.63	16.45	17.98	18.34
	3H	17.76	19.18	18.16	19.55	19.95	17.77	19.20	18.18	19.56	19.96
	4H	18.40	19.74	18.83	20.12	20.54	18.41	19.75	18.83	20.13	20.55
	6H	18.87	20.12	19.31	20.52	20.95	18.87	20.12	19.31	20.52	20.95
	8H	19.03	20.22	19.48	20.64	21.08	19.03	20.21	19.48	20.64	21.08
	12H	19.14	20.28	19.60	20.70	21.17	19.14	20.28	19.59	20.69	21.16
4H	2H	16.64	17.98	17.06	18.36	18.78	16.64	17.98	17.07	18.37	18.78
	3H	18.57	19.69	19.00	20.12	20.57	18.57	19.70	19.01	20.13	20.57
	4H	19.33	20.35	19.79	20.80	21.28	19.34	20.36	19.80	20.81	21.28
	6H	19.93	20.83	20.41	21.30	21.79	19.93	20.83	20.41	21.30	21.79
	8H	20.14	20.97	20.63	21.45	21.95	20.14	20.97	20.62	21.45	21.95
	12H	20.30	21.06	20.81	21.56	22.07	20.29	21.05	20.80	21.55	22.06
8H	4H	19.62	20.46	20.11	20.93	21.44	19.63	20.46	20.12	20.94	21.44
	6H	20.34	21.04	20.86	21.56	22.07	20.34	21.04	20.86	21.56	22.07
	8H	20.62	21.25	21.16	21.79	22.31	20.62	21.25	21.16	21.78	22.31
	12H	20.87	21.43	21.41	21.95	22.55	20.86	21.41	21.39	21.93	22.53
12H	4H	19.65	20.41	20.16	20.91	21.42	19.66	20.41	20.17	20.92	21.43
	6H	20.40	21.02	20.93	21.56	22.08	20.40	21.02	20.93	21.56	22.08
	8H	20.74	21.29	21.27	21.81	22.41	20.73	21.29	21.27	21.81	22.41

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

Report Prepared for

Cooper Lighting Solutions

Corelite

Report Number: SP1-2506-458-13

Test Date: 08/27/2025

Luminaire Tested: 22ID2-55-CFR1-L950-U

Data in this report applies to families of products including 22ID2-55-CFR1-L950-U

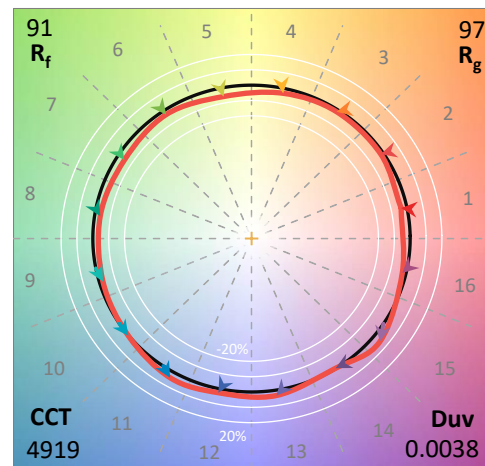
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-458-13
 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-L950-U**
 Description: 2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 5000K 90CRI

Spectral Parameters

CCT (K): 4919
 CIE u' : 0.2096
 CIE v' : 0.4901
 Duv: 0.0038
 CIE x: 0.3483
 CIE y: 0.3619
 CIE z: 0.2898
 Peak Wavelength (nm): 453
 Dominant Wavelength (nm): 570
 Purity: 13.10873
 R_f: 90.8
 R_g: 97.4

CRI (Ra): 94.0
 R1: 94.8
 R2: 97.7
 R3: 98.4
 R4: 90.8
 R5: 92.2
 R6: 94.3
 R7: 94.0
 R8: 90.0
 R9: 77.7
 R10: 93.1
 R11: 92.0
 R12: 65.9
 R13: 95.9
 R14: 99.0
 R15: 91.4



Test Conditions

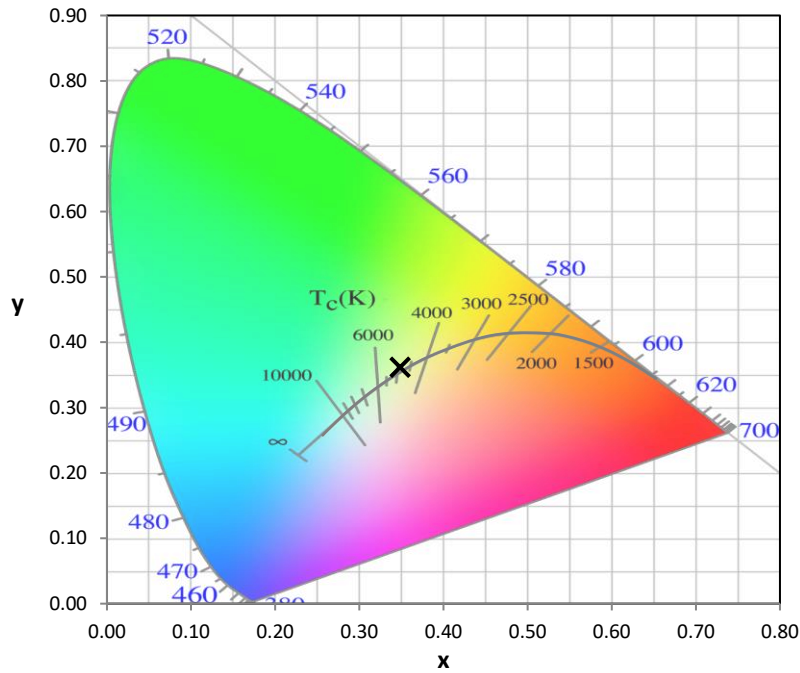
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.0

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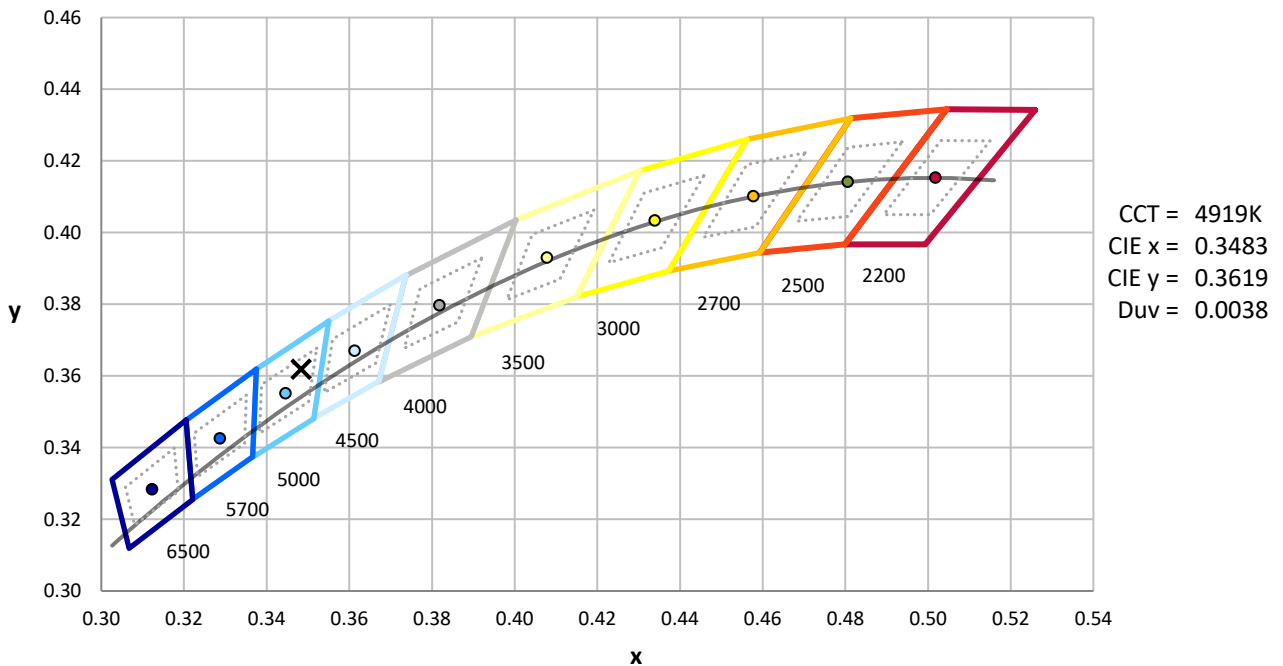
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

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CIE 1931 Chromaticity Diagram



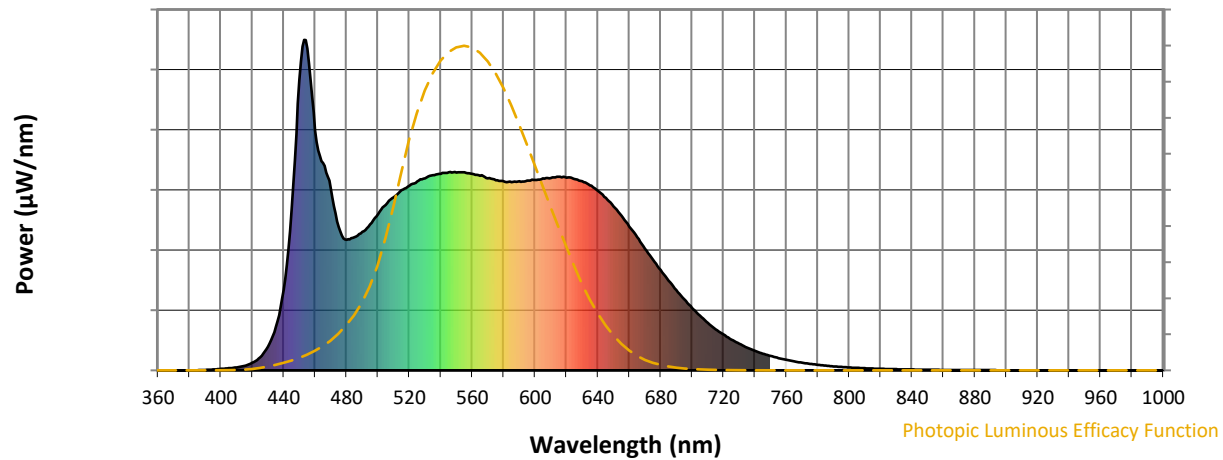
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

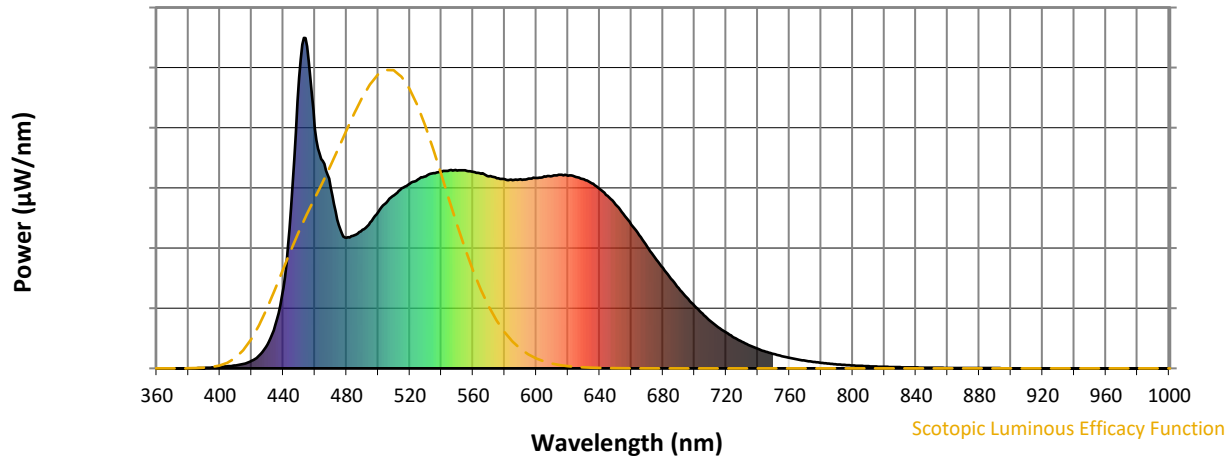


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	419	NR	620	583	NR	750	44	NR	880	1	NR
365	0	NR	495	441	NR	625	580	NR	755	37	NR	885	1	NR
370	0	NR	500	472	NR	630	572	NR	760	32	NR	890	1	NR
375	0	NR	505	501	NR	635	559	NR	765	27	NR	895	0	NR
380	0	NR	510	524	NR	640	543	NR	770	23	NR	900	0	NR
385	0	NR	515	545	NR	645	522	NR	775	20	NR	905	0	NR
390	1	NR	520	559	NR	650	496	NR	780	17	NR	910	0	NR
395	3	NR	525	572	NR	655	468	NR	785	14	NR	915	0	NR
400	4	NR	530	581	NR	660	435	NR	790	12	NR	920	0	NR
405	7	NR	535	590	NR	665	403	NR	795	10	NR	925	0	NR
410	9	NR	540	595	NR	670	368	NR	800	9	NR	930	0	NR
415	14	NR	545	599	NR	675	335	NR	805	8	NR	935	0	NR
420	23	NR	550	599	NR	680	304	NR	810	6	NR	940	0	NR
425	40	NR	555	599	NR	685	271	NR	815	6	NR	945	0	NR
430	72	NR	560	595	NR	690	243	NR	820	5	NR	950	0	NR
435	132	NR	565	589	NR	695	215	NR	825	4	NR	955	0	NR
440	243	NR	570	581	NR	700	189	NR	830	3	NR	960	0	NR
445	488	NR	575	575	NR	705	165	NR	835	3	NR	965	0	NR
450	879	NR	580	573	NR	710	144	NR	840	3	NR	970	0	NR
455	974	NR	585	570	NR	715	124	NR	845	2	NR	975	0	NR
460	726	NR	590	572	NR	720	108	NR	850	2	NR	980	0	NR
465	627	NR	595	574	NR	725	93	NR	855	2	NR	985	0	NR
470	546	NR	600	576	NR	730	80	NR	860	1	NR	990	0	NR
475	434	NR	605	581	NR	735	69	NR	865	1	NR	995	0	NR
480	395	NR	610	582	NR	740	59	NR	870	1	NR	1000	0	NR
485	403	NR	615	586	NR	745	51	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



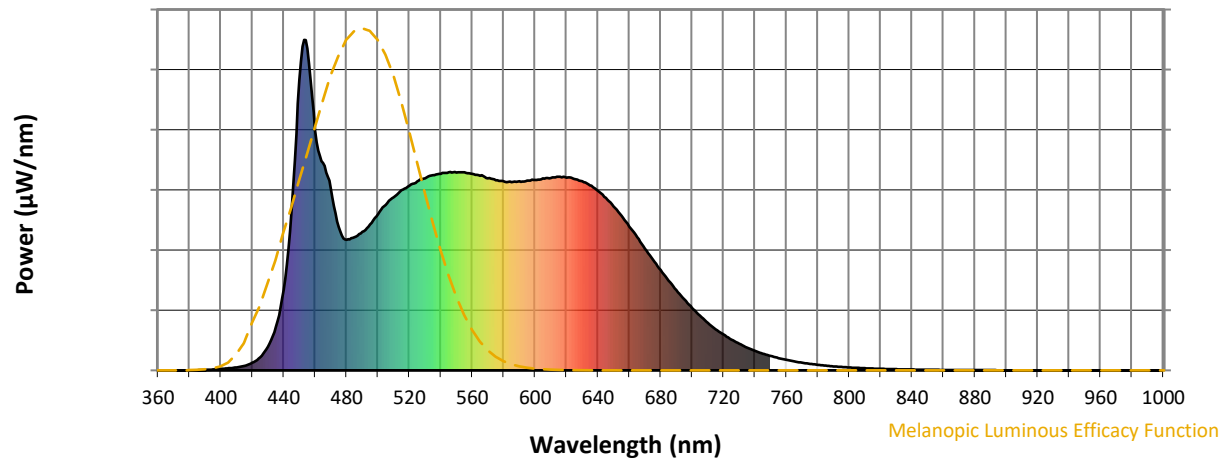
Scotopic Lumens: NR

S/P: 2.09

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	419	NR	620	583	NR	750	44	NR	880	1	NR
365	0	NR	495	441	NR	625	580	NR	755	37	NR	885	1	NR
370	0	NR	500	472	NR	630	572	NR	760	32	NR	890	1	NR
375	0	NR	505	501	NR	635	559	NR	765	27	NR	895	0	NR
380	0	NR	510	524	NR	640	543	NR	770	23	NR	900	0	NR
385	0	NR	515	545	NR	645	522	NR	775	20	NR	905	0	NR
390	1	NR	520	559	NR	650	496	NR	780	17	NR	910	0	NR
395	3	NR	525	572	NR	655	468	NR	785	14	NR	915	0	NR
400	4	NR	530	581	NR	660	435	NR	790	12	NR	920	0	NR
405	7	NR	535	590	NR	665	403	NR	795	10	NR	925	0	NR
410	9	NR	540	595	NR	670	368	NR	800	9	NR	930	0	NR
415	14	NR	545	599	NR	675	335	NR	805	8	NR	935	0	NR
420	23	NR	550	599	NR	680	304	NR	810	6	NR	940	0	NR
425	40	NR	555	599	NR	685	271	NR	815	6	NR	945	0	NR
430	72	NR	560	595	NR	690	243	NR	820	5	NR	950	0	NR
435	132	NR	565	589	NR	695	215	NR	825	4	NR	955	0	NR
440	243	NR	570	581	NR	700	189	NR	830	3	NR	960	0	NR
445	488	NR	575	575	NR	705	165	NR	835	3	NR	965	0	NR
450	879	NR	580	573	NR	710	144	NR	840	3	NR	970	0	NR
455	974	NR	585	570	NR	715	124	NR	845	2	NR	975	0	NR
460	726	NR	590	572	NR	720	108	NR	850	2	NR	980	0	NR
465	627	NR	595	574	NR	725	93	NR	855	2	NR	985	0	NR
470	546	NR	600	576	NR	730	80	NR	860	1	NR	990	0	NR
475	434	NR	605	581	NR	735	69	NR	865	1	NR	995	0	NR
480	395	NR	610	582	NR	740	59	NR	870	1	NR	1000	0	NR
485	403	NR	615	586	NR	745	51	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.55

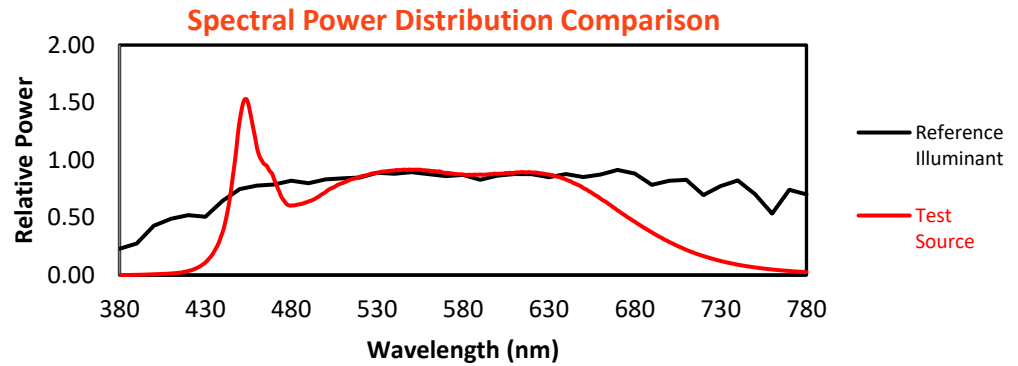
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	419	NR	620	583	NR	750	44	NR	880	1	NR
365	0	NR	495	441	NR	625	580	NR	755	37	NR	885	1	NR
370	0	NR	500	472	NR	630	572	NR	760	32	NR	890	1	NR
375	0	NR	505	501	NR	635	559	NR	765	27	NR	895	0	NR
380	0	NR	510	524	NR	640	543	NR	770	23	NR	900	0	NR
385	0	NR	515	545	NR	645	522	NR	775	20	NR	905	0	NR
390	1	NR	520	559	NR	650	496	NR	780	17	NR	910	0	NR
395	3	NR	525	572	NR	655	468	NR	785	14	NR	915	0	NR
400	4	NR	530	581	NR	660	435	NR	790	12	NR	920	0	NR
405	7	NR	535	590	NR	665	403	NR	795	10	NR	925	0	NR
410	9	NR	540	595	NR	670	368	NR	800	9	NR	930	0	NR
415	14	NR	545	599	NR	675	335	NR	805	8	NR	935	0	NR
420	23	NR	550	599	NR	680	304	NR	810	6	NR	940	0	NR
425	40	NR	555	599	NR	685	271	NR	815	6	NR	945	0	NR
430	72	NR	560	595	NR	690	243	NR	820	5	NR	950	0	NR
435	132	NR	565	589	NR	695	215	NR	825	4	NR	955	0	NR
440	243	NR	570	581	NR	700	189	NR	830	3	NR	960	0	NR
445	488	NR	575	575	NR	705	165	NR	835	3	NR	965	0	NR
450	879	NR	580	573	NR	710	144	NR	840	3	NR	970	0	NR
455	974	NR	585	570	NR	715	124	NR	845	2	NR	975	0	NR
460	726	NR	590	572	NR	720	108	NR	850	2	NR	980	0	NR
465	627	NR	595	574	NR	725	93	NR	855	2	NR	985	0	NR
470	546	NR	600	576	NR	730	80	NR	860	1	NR	990	0	NR
475	434	NR	605	581	NR	735	69	NR	865	1	NR	995	0	NR
480	395	NR	610	582	NR	740	59	NR	870	1	NR	1000	0	NR
485	403	NR	615	586	NR	745	51	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-13

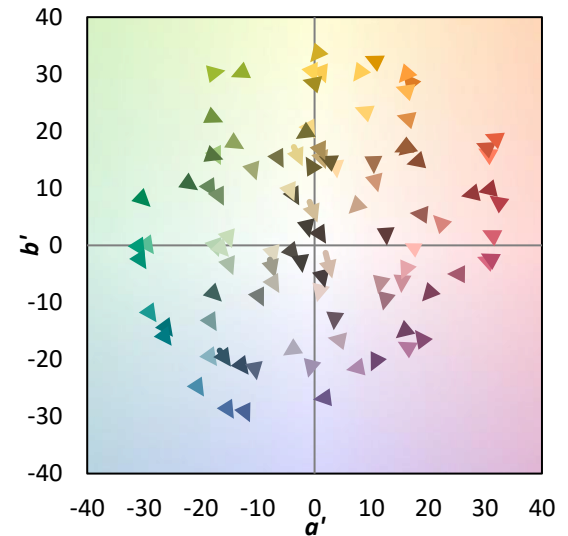
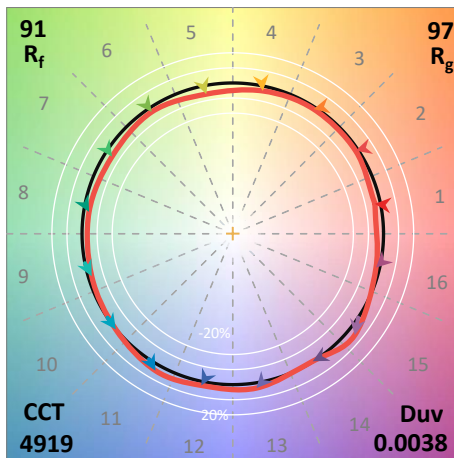
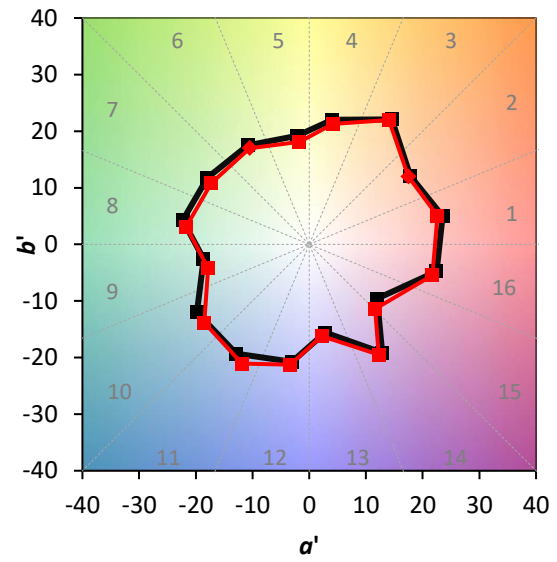
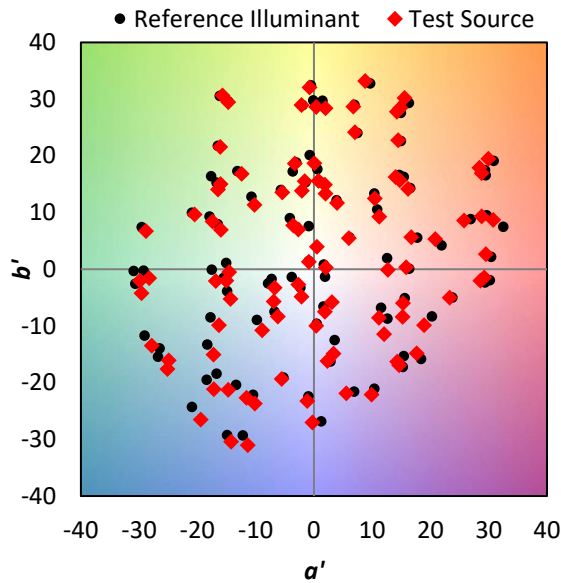
TM-30-18

Summary

$R_f = 90.8$
 $R_g = 97.4$
 $CIE R_a = 94.0$
 $R_9 = 77.7$

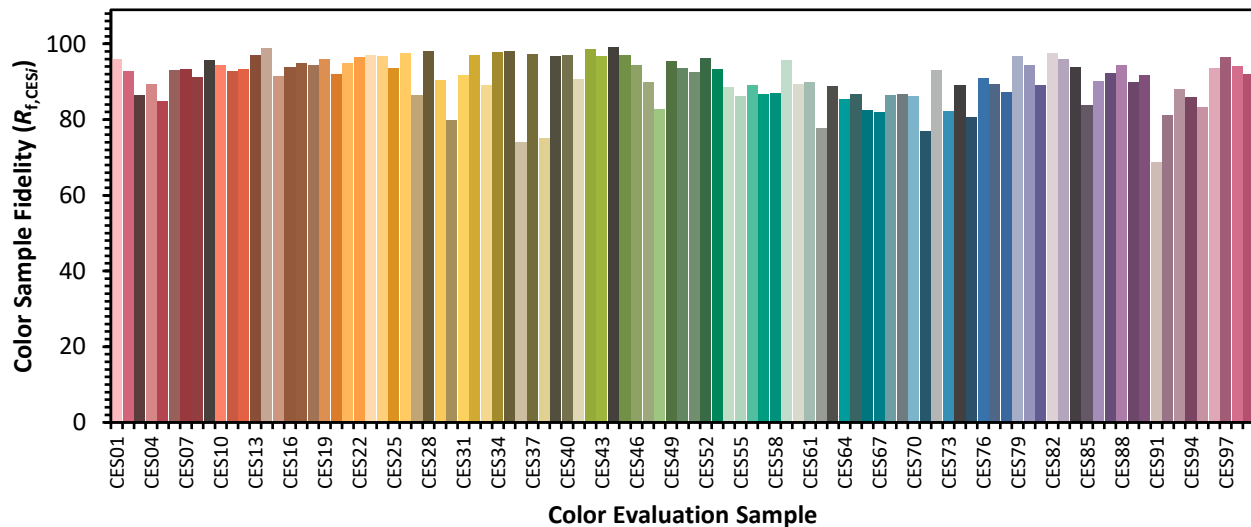


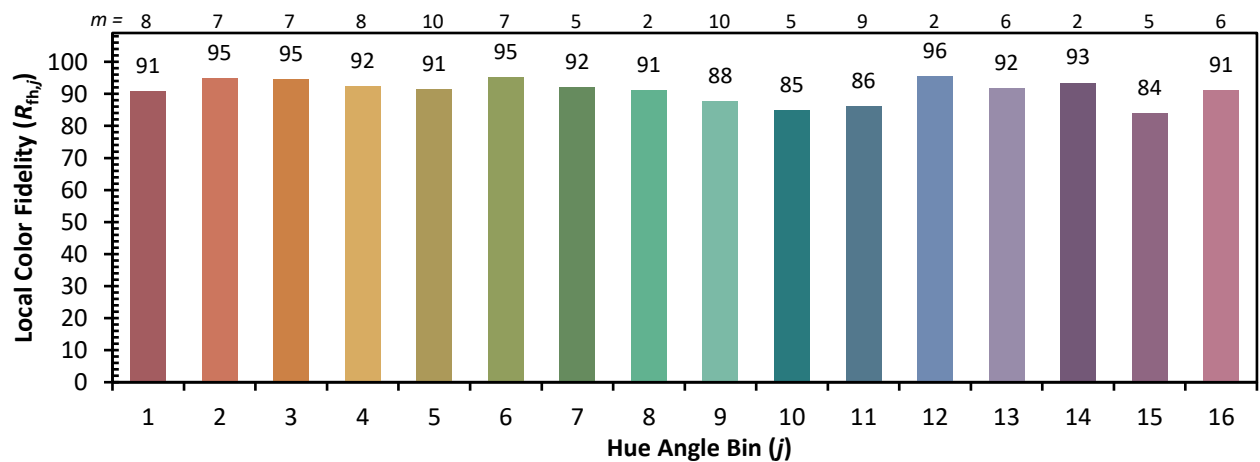
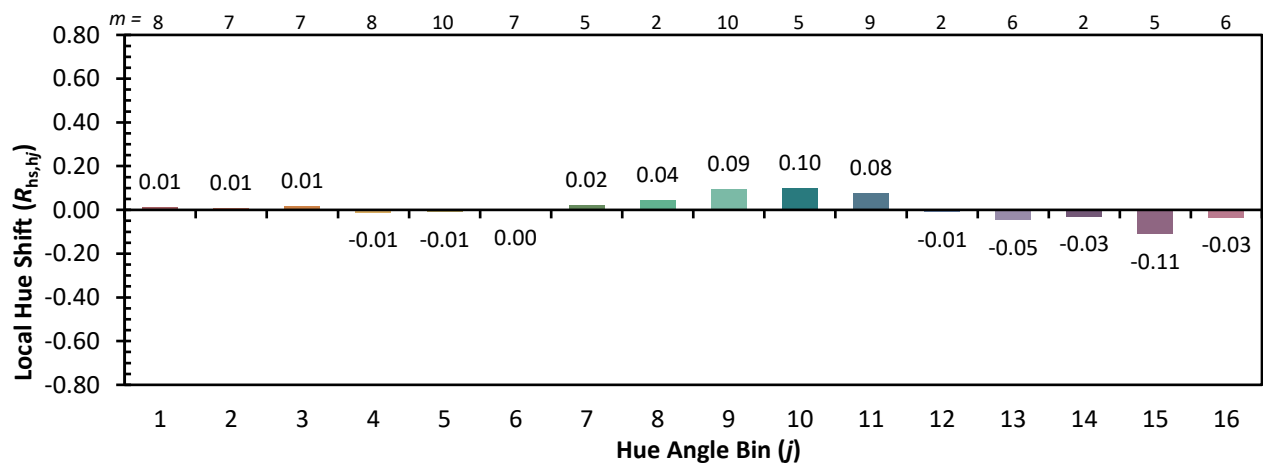
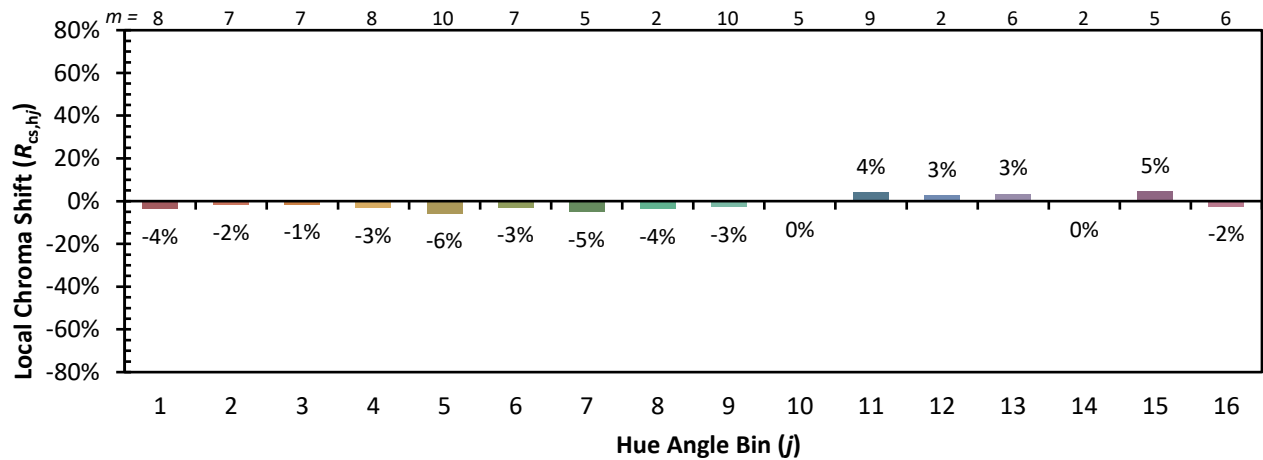
Color Vector Graphics



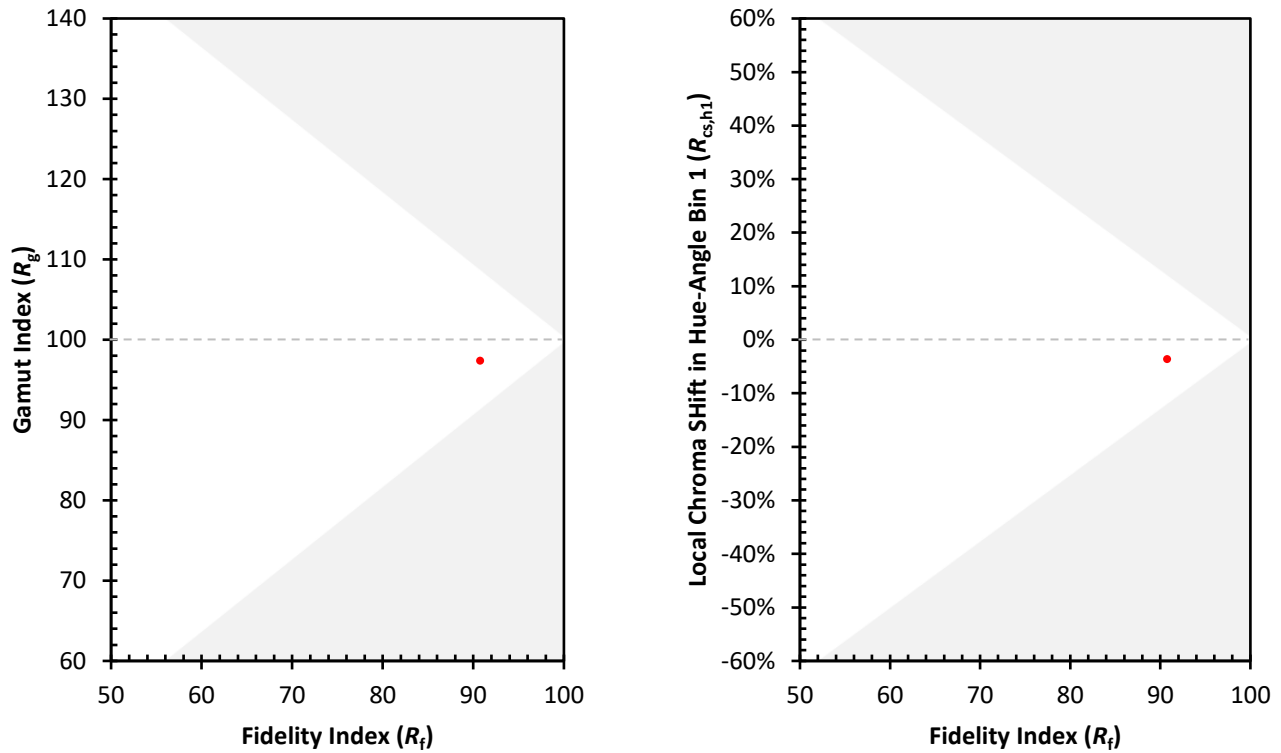
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 98	CES51 = 93	CES76 = 91
CES02 = 61	CES27 = 86	CES52 = 96	CES77 = 89
CES03 = 31	CES28 = 98	CES53 = 93	CES78 = 87
CES04 = 68	CES29 = 90	CES54 = 89	CES79 = 97
CES05 = 48	CES30 = 80	CES55 = 86	CES80 = 94
CES06 = 50	CES31 = 92	CES56 = 89	CES81 = 89
CES07 = 41	CES32 = 97	CES57 = 87	CES82 = 97
CES08 = 40	CES33 = 89	CES58 = 87	CES83 = 96
CES09 = 29	CES34 = 98	CES59 = 96	CES84 = 94
CES10 = 73	CES35 = 98	CES60 = 89	CES85 = 84
CES11 = 56	CES36 = 74	CES61 = 90	CES86 = 90
CES12 = 62	CES37 = 97	CES62 = 78	CES87 = 92
CES13 = 42	CES38 = 75	CES63 = 89	CES88 = 95
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 90
CES15 = 71	CES40 = 97	CES65 = 87	CES90 = 92
CES16 = 47	CES41 = 91	CES66 = 82	CES91 = 69
CES17 = 48	CES42 = 99	CES67 = 82	CES92 = 81
CES18 = 56	CES43 = 97	CES68 = 86	CES93 = 88
CES19 = 70	CES44 = 99	CES69 = 87	CES94 = 86
CES20 = 65	CES45 = 97	CES70 = 86	CES95 = 83
CES21 = 84	CES46 = 94	CES71 = 77	CES96 = 94
CES22 = 77	CES47 = 90	CES72 = 93	CES97 = 97
CES23 = 91	CES48 = 83	CES73 = 82	CES98 = 94
CES24 = 89	CES49 = 95	CES74 = 89	CES99 = 92
CES25 = 70	CES50 = 94	CES75 = 81	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)