

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: P1214763

Luminaire Tested: 22-ID2-45-CFD1-L840-U

Issue Date: 12/4/2025

Test Information

Test Method: LM-79-2019
Report Number: P1214763
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-ID2-45-CFD1-L840-U
Description: 2X2 IN DEPTH TROFFER WITH 1INCH CUBE DROP LENS
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

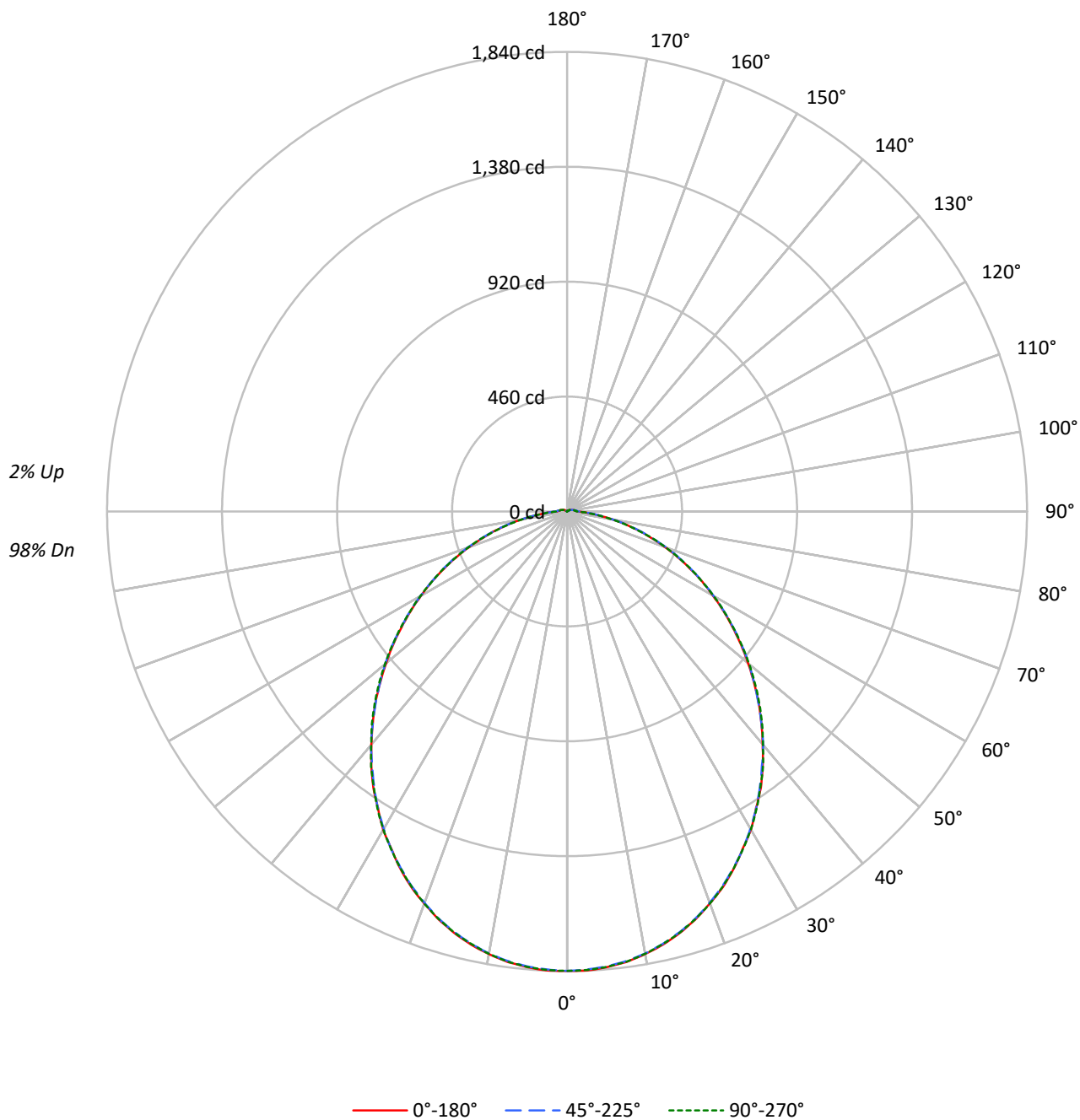
Lumens per Lamp: N/A
Luminaire Lumens: 4851.6 lumens
Efficiency: N/A
Efficacy: 124.7 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.19 / 1.3
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 2' x H: 0.08')
CIE Type: Direct

Input Watts (W): 38.9
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: P1214763
CATALOG NUMBER: 22-ID2-45-CFD1-L840-U

Luminous Intensity Polar Plot



TEST NUMBER: P1214763

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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	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	100	100	98
1	108	104	99	95	105	101	97	94	97	93	90	92	90	87	89	86	84	84	84	82
2	99	91	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	71	71	69
3	90	80	72	65	88	78	71	64	75	68	63	72	66	62	69	64	61	61	61	58
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	52	52	50
5	76	63	55	48	74	62	54	48	60	53	47	58	51	46	56	50	46	46	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	40	40	38
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	46	40	36	36	36	34
8	61	48	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	32	32	30
9	57	44	36	30	55	43	35	30	42	35	30	41	34	29	39	34	29	29	29	27
10	53	40	33	27	52	40	32	27	39	32	27	38	31	27	37	31	27	27	27	25

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4950	4950	4950
5°	4930	4914	4926
10°	4883	4862	4880
15°	4814	4783	4809
20°	4715	4679	4717
25°	4601	4555	4595
30°	4468	4414	4466
35°	4317	4252	4307
40°	4138	4093	4142
45°	3966	3898	3982
50°	3776	3723	3803
55°	3588	3525	3606
60°	3391	3320	3412
65°	3186	3109	3211
70°	2952	2873	2969
75°	2697	2581	2658
80°	2333	2203	2303
85°	2028	1875	1937

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 3982 cd/sqm

TEST NUMBER: P1214763
 CATALOG NUMBER: 22-ID2-45-CFD1-L840-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.6	3.6
10°-20°	491.5	10.1
20°-30°	725.5	15.0
30°-40°	842.4	17.4
40°-50°	836.7	17.2
50°-60°	726.7	15.0
60°-70°	541.9	11.2
70°-80°	317.3	6.5
80°-90°	113.4	2.3
90°-100°	38.6	0.8
100°-110°	24.0	0.5
110°-120°	12.7	0.3
120°-130°	5.4	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°	1390.7	28.7
0°-40°	2233.0	46.0
0°-60°	3796.4	78.2
0°-90°	4769.0	98.3
90°-120°	75.4	1.6
90°-150°	82.6	1.7
90°-180°	83.0	1.7
0°-180°	4851.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1839	1839	1839	1839	1839	
5°	1831	1830	1828	1828	1830	174
15°	1747	1745	1743	1744	1745	492
25°	1578	1577	1575	1576	1576	726
35°	1351	1347	1346	1347	1348	843
45°	1084	1084	1082	1086	1088	835
55°	808	812	812	813	813	724
65°	543	548	548	547	548	539
75°	298	300	301	300	294	314
85°	96	99	100	97	91	97
90°	41	44	45	44	40	25
95°	34	35	37	35	34	27
105°	23	23	23	22	23	25
115°	14	12	12	12	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

TEST NUMBER: P1214763

CATALOG NUMBER: 22-ID2-45-CFD1-L840-U

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1839.3	1839.3	1839.3	1839.3	1839.3
2.5°	1839.9	1837.5	1835.6	1835.6	1837.5
5°	1831.4	1830.1	1828.3	1827.7	1830.1
7.5°	1819.2	1817.3	1815.5	1815.5	1817.9
10°	1799.7	1798.4	1797.2	1797.8	1798.4
12.5°	1776.5	1774.0	1772.8	1772.8	1773.4
15°	1746.6	1744.8	1743.0	1743.6	1744.8
17.5°	1711.3	1710.6	1708.8	1709.4	1710.0
20°	1670.4	1669.2	1667.4	1668.6	1671.0
22.5°	1628.3	1624.7	1623.5	1624.1	1625.9
25°	1578.4	1577.1	1574.7	1575.9	1576.5
27.5°	1522.3	1526.5	1523.5	1522.9	1524.1
30°	1471.1	1467.4	1466.8	1466.8	1470.4
32.5°	1407.7	1407.7	1408.3	1408.9	1411.3
35°	1351.0	1346.7	1345.5	1347.3	1347.9
37.5°	1285.7	1285.1	1280.9	1284.5	1287.6
40°	1217.4	1216.8	1220.5	1218.1	1218.7
42.5°	1150.4	1151.0	1150.4	1153.4	1155.3
45°	1083.9	1084.5	1082.1	1085.8	1088.2
47.5°	1013.8	1016.3	1015.0	1016.3	1019.9
50°	944.9	948.0	949.2	949.2	951.6
52.5°	877.3	879.7	881.5	882.1	881.5
55°	808.4	812.0	812.0	813.3	812.6
57.5°	741.3	745.6	745.0	745.6	744.4
60°	673.7	676.7	677.3	678.5	677.9
62.5°	610.2	611.5	612.1	612.1	609.6
65°	543.2	548.1	547.5	546.8	547.5
67.5°	479.8	482.8	485.3	483.4	482.8
70°	416.4	421.9	421.9	421.3	418.8
72.5°	354.2	359.1	359.1	359.1	358.5
75°	298.1	299.9	300.6	299.9	293.8
77.5°	239.6	241.4	243.9	243.2	238.4
80°	184.7	188.4	187.8	187.2	182.3
82.5°	135.3	139.6	140.8	139.0	135.3
85°	95.7	98.8	100.0	96.9	91.4
87.5°	63.4	66.5	67.1	65.8	62.2
90°	40.8	43.9	45.1	43.9	39.6
92.5°	37.2	39.0	40.2	39.0	36.0
95°	34.1	35.4	36.6	35.4	33.5
97.5°	31.1	31.7	32.9	31.7	30.5
100°	28.7	28.0	29.3	28.0	28.0
102.5°	25.6	25.0	26.2	25.0	25.6
105°	23.2	22.6	23.2	21.9	22.6
107.5°	20.7	19.5	20.1	18.9	20.7
110°	18.3	17.1	17.1	15.9	18.3

TEST NUMBER: P1214763

CATALOG NUMBER: 22-ID2-45-CFD1-L840-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	16.5	14.6	14.6	14.0	15.9
115°	14.0	12.2	12.2	11.6	14.0
117.5°	12.2	10.4	9.8	10.4	12.2
120°	10.4	8.5	7.9	8.5	10.4
122.5°	9.1	7.3	6.1	7.3	9.1
125°	7.3	6.1	4.3	6.1	7.3
127.5°	6.1	4.3	2.4	4.9	6.1
130°	4.9	3.7	1.8	4.3	4.9
132.5°	3.7	2.4	0.6	3.0	4.3
135°	2.4	1.8	0.6	1.8	3.0
137.5°	1.8	1.2	0.6	1.2	2.4
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

TEST NUMBER: P1214763

CATALOG NUMBER: 22-ID2-45-CFD1-L840-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	16.18	17.76	16.58	18.11	18.47	16.19	17.77	16.58	18.12	18.48
	3H	17.89	19.32	18.30	19.68	20.09	17.91	19.33	18.31	19.70	20.10
	4H	18.54	19.88	18.96	20.26	20.68	18.54	19.88	18.97	20.27	20.69
	6H	19.01	20.25	19.45	20.65	21.09	19.01	20.25	19.45	20.65	21.09
	8H	19.16	20.35	19.62	20.78	21.22	19.16	20.35	19.62	20.77	21.22
	12H	19.28	20.42	19.74	20.84	21.31	19.27	20.41	19.73	20.83	21.30
4H	2H	16.77	18.11	17.20	18.50	18.92	16.78	18.12	17.20	18.50	18.92
	3H	18.70	19.83	19.14	20.26	20.70	18.71	19.84	19.15	20.27	20.71
	4H	19.47	20.49	19.93	20.94	21.41	19.48	20.50	19.93	20.94	21.42
	6H	20.07	20.96	20.55	21.44	21.93	20.07	20.96	20.55	21.44	21.93
	8H	20.27	21.11	20.76	21.59	22.09	20.27	21.11	20.76	21.58	22.09
	12H	20.44	21.19	20.95	21.70	22.21	20.43	21.18	20.94	21.69	22.20
8H	4H	19.76	20.60	20.25	21.07	21.58	19.77	20.60	20.25	21.08	21.58
	6H	20.48	21.18	21.00	21.70	22.21	20.48	21.18	21.00	21.70	22.21
	8H	20.76	21.39	21.30	21.92	22.45	20.76	21.38	21.29	21.92	22.44
	12H	21.01	21.57	21.54	22.09	22.68	21.00	21.55	21.53	22.07	22.67
12H	4H	19.79	20.54	20.30	21.05	21.56	19.80	20.55	20.30	21.05	21.56
	6H	20.53	21.16	21.07	21.70	22.22	20.53	21.16	21.07	21.70	22.22
	8H	20.87	21.43	21.41	21.95	22.55	20.87	21.42	21.40	21.94	22.54

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

Report Prepared for

Cooper Lighting Solutions

Corelite

Report Number: SP1-2506-458-5

Test Date: 08/26/2025

Luminaire Tested: 22ID2-55-CFR1-L840-U

Data in this report applies to families of products including 22ID2-55-CFR1-L840-U

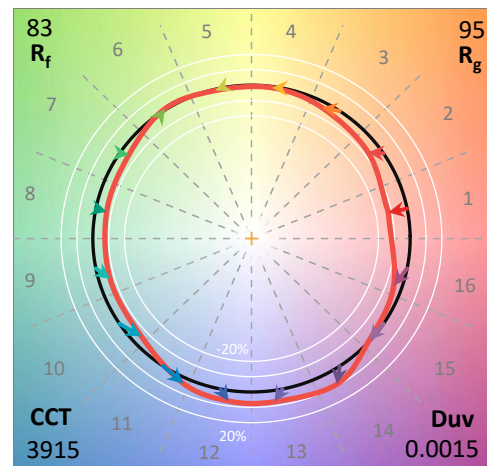
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-458-5
 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-L840-U**
 Description: 2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 4000K 80CRI

Spectral Parameters

CCT (K): 3915
 CIE u' : 0.2259
 CIE v' : 0.5051
 Duv: 0.0015
 CIE x: 0.3854
 CIE y: 0.3830
 CIE z: 0.2316
 Peak Wavelength (nm): 453
 Dominant Wavelength (nm): 578
 Purity: 30.6207
 R_f: 83.2
 R_g: 94.6

CRI (Ra): 82.3
 R1: 80.6
 R2: 88.9
 R3: 94.6
 R4: 80.5
 R5: 80.0
 R6: 84.0
 R7: 86.1
 R8: 64.0
 R9: 7.6
 R10: 72.9
 R11: 78.7
 R12: 57.3
 R13: 82.7
 R14: 97.1
 R15: 74.3



Test Conditions

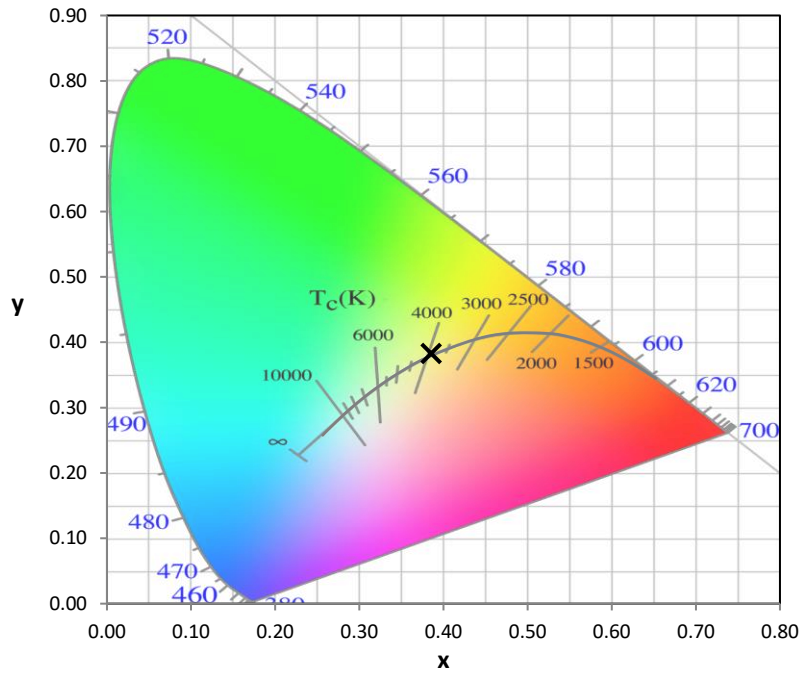
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2506-458-5

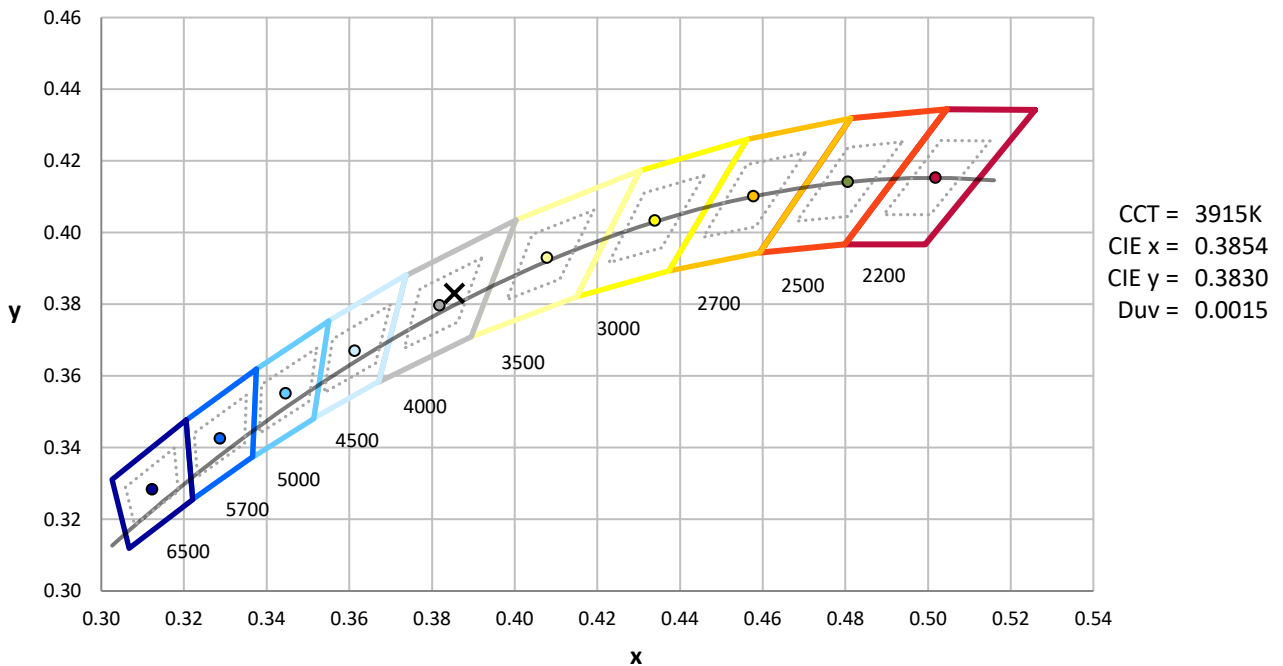
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-458-5

CIE 1931 Chromaticity Diagram



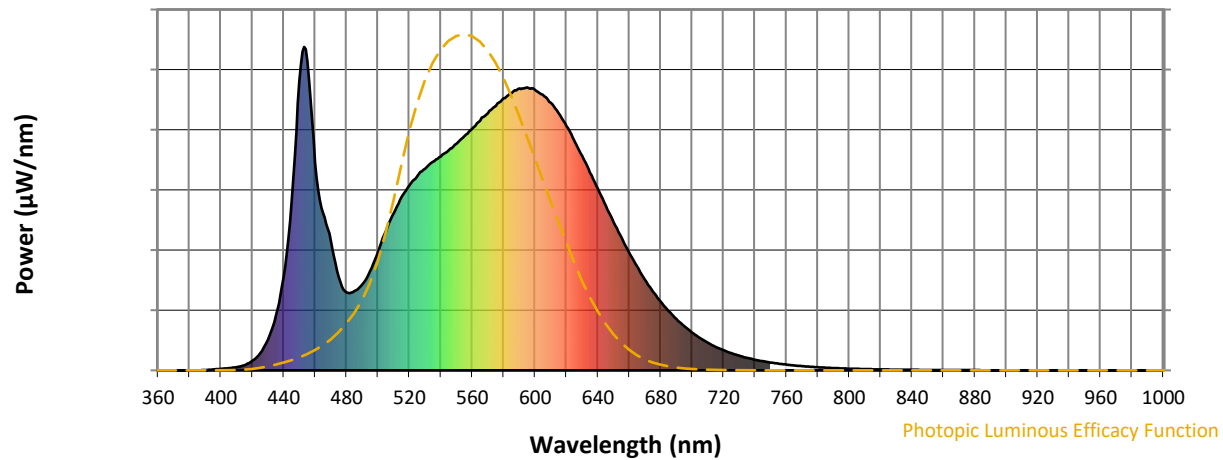
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-5

Photopic Flux vs. Wavelength

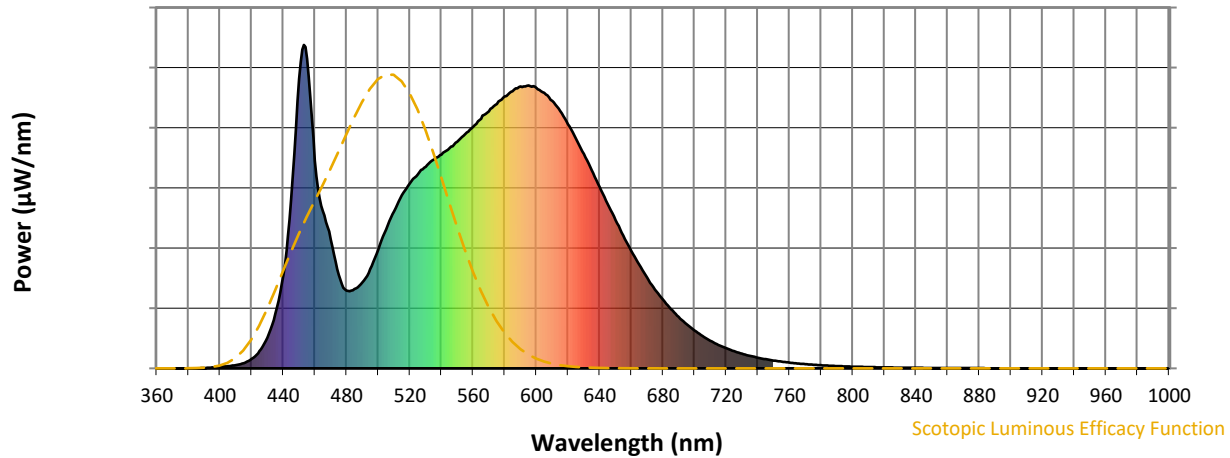


Photopic Lumens: NR

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	266	NR	620	755	NR	750	24	NR	880	1	NR
365	0	NR	495	307	NR	625	710	NR	755	21	NR	885	0	NR
370	0	NR	500	366	NR	630	663	NR	760	18	NR	890	0	NR
375	0	NR	505	430	NR	635	612	NR	765	15	NR	895	0	NR
380	0	NR	510	486	NR	640	561	NR	770	13	NR	900	0	NR
385	0	NR	515	536	NR	645	509	NR	775	11	NR	905	0	NR
390	1	NR	520	571	NR	650	458	NR	780	10	NR	910	0	NR
395	3	NR	525	600	NR	655	410	NR	785	8	NR	915	0	NR
400	5	NR	530	624	NR	660	363	NR	790	7	NR	920	0	NR
405	7	NR	535	645	NR	665	321	NR	795	6	NR	925	0	NR
410	10	NR	540	661	NR	670	280	NR	800	5	NR	930	0	NR
415	16	NR	545	681	NR	675	244	NR	805	5	NR	935	0	NR
420	30	NR	550	701	NR	680	213	NR	810	4	NR	940	0	NR
425	53	NR	555	724	NR	685	183	NR	815	3	NR	945	0	NR
430	95	NR	560	747	NR	690	159	NR	820	3	NR	950	0	NR
435	170	NR	565	772	NR	695	136	NR	825	3	NR	955	0	NR
440	289	NR	570	795	NR	700	117	NR	830	2	NR	960	0	NR
445	522	NR	575	817	NR	705	100	NR	835	2	NR	965	0	NR
450	895	NR	580	841	NR	710	85	NR	840	2	NR	970	0	NR
455	957	NR	585	857	NR	715	72	NR	845	1	NR	975	0	NR
460	642	NR	590	871	NR	720	62	NR	850	1	NR	980	0	NR
465	487	NR	595	875	NR	725	53	NR	855	1	NR	985	0	NR
470	397	NR	600	866	NR	730	45	NR	860	1	NR	990	0	NR
475	289	NR	605	852	NR	735	39	NR	865	1	NR	995	0	NR
480	241	NR	610	827	NR	740	33	NR	870	1	NR	1000	0	NR
485	245	NR	615	796	NR	745	28	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-5

Scotopic Flux vs. Wavelength



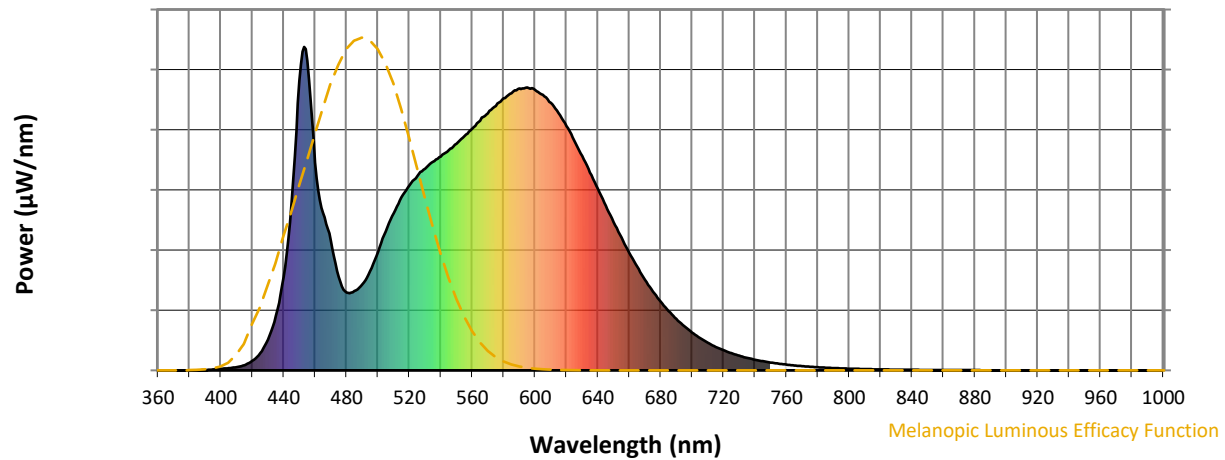
Scotopic Lumens: NR

S/P: 1.65

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	266	NR	620	755	NR	750	24	NR	880	1	NR
365	0	NR	495	307	NR	625	710	NR	755	21	NR	885	0	NR
370	0	NR	500	366	NR	630	663	NR	760	18	NR	890	0	NR
375	0	NR	505	430	NR	635	612	NR	765	15	NR	895	0	NR
380	0	NR	510	486	NR	640	561	NR	770	13	NR	900	0	NR
385	0	NR	515	536	NR	645	509	NR	775	11	NR	905	0	NR
390	1	NR	520	571	NR	650	458	NR	780	10	NR	910	0	NR
395	3	NR	525	600	NR	655	410	NR	785	8	NR	915	0	NR
400	5	NR	530	624	NR	660	363	NR	790	7	NR	920	0	NR
405	7	NR	535	645	NR	665	321	NR	795	6	NR	925	0	NR
410	10	NR	540	661	NR	670	280	NR	800	5	NR	930	0	NR
415	16	NR	545	681	NR	675	244	NR	805	5	NR	935	0	NR
420	30	NR	550	701	NR	680	213	NR	810	4	NR	940	0	NR
425	53	NR	555	724	NR	685	183	NR	815	3	NR	945	0	NR
430	95	NR	560	747	NR	690	159	NR	820	3	NR	950	0	NR
435	170	NR	565	772	NR	695	136	NR	825	3	NR	955	0	NR
440	289	NR	570	795	NR	700	117	NR	830	2	NR	960	0	NR
445	522	NR	575	817	NR	705	100	NR	835	2	NR	965	0	NR
450	895	NR	580	841	NR	710	85	NR	840	2	NR	970	0	NR
455	957	NR	585	857	NR	715	72	NR	845	1	NR	975	0	NR
460	642	NR	590	871	NR	720	62	NR	850	1	NR	980	0	NR
465	487	NR	595	875	NR	725	53	NR	855	1	NR	985	0	NR
470	397	NR	600	866	NR	730	45	NR	860	1	NR	990	0	NR
475	289	NR	605	852	NR	735	39	NR	865	1	NR	995	0	NR
480	241	NR	610	827	NR	740	33	NR	870	1	NR	1000	0	NR
485	245	NR	615	796	NR	745	28	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.36

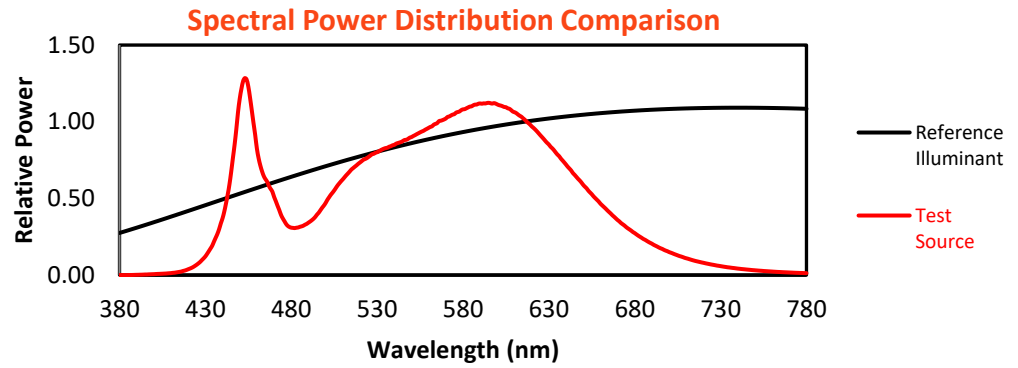
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	266	NR	620	755	NR	750	24	NR	880	1	NR
365	0	NR	495	307	NR	625	710	NR	755	21	NR	885	0	NR
370	0	NR	500	366	NR	630	663	NR	760	18	NR	890	0	NR
375	0	NR	505	430	NR	635	612	NR	765	15	NR	895	0	NR
380	0	NR	510	486	NR	640	561	NR	770	13	NR	900	0	NR
385	0	NR	515	536	NR	645	509	NR	775	11	NR	905	0	NR
390	1	NR	520	571	NR	650	458	NR	780	10	NR	910	0	NR
395	3	NR	525	600	NR	655	410	NR	785	8	NR	915	0	NR
400	5	NR	530	624	NR	660	363	NR	790	7	NR	920	0	NR
405	7	NR	535	645	NR	665	321	NR	795	6	NR	925	0	NR
410	10	NR	540	661	NR	670	280	NR	800	5	NR	930	0	NR
415	16	NR	545	681	NR	675	244	NR	805	5	NR	935	0	NR
420	30	NR	550	701	NR	680	213	NR	810	4	NR	940	0	NR
425	53	NR	555	724	NR	685	183	NR	815	3	NR	945	0	NR
430	95	NR	560	747	NR	690	159	NR	820	3	NR	950	0	NR
435	170	NR	565	772	NR	695	136	NR	825	3	NR	955	0	NR
440	289	NR	570	795	NR	700	117	NR	830	2	NR	960	0	NR
445	522	NR	575	817	NR	705	100	NR	835	2	NR	965	0	NR
450	895	NR	580	841	NR	710	85	NR	840	2	NR	970	0	NR
455	957	NR	585	857	NR	715	72	NR	845	1	NR	975	0	NR
460	642	NR	590	871	NR	720	62	NR	850	1	NR	980	0	NR
465	487	NR	595	875	NR	725	53	NR	855	1	NR	985	0	NR
470	397	NR	600	866	NR	730	45	NR	860	1	NR	990	0	NR
475	289	NR	605	852	NR	735	39	NR	865	1	NR	995	0	NR
480	241	NR	610	827	NR	740	33	NR	870	1	NR	1000	0	NR
485	245	NR	615	796	NR	745	28	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-5

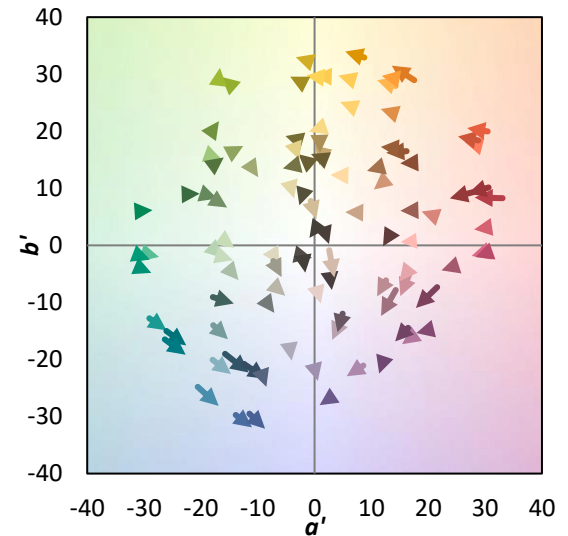
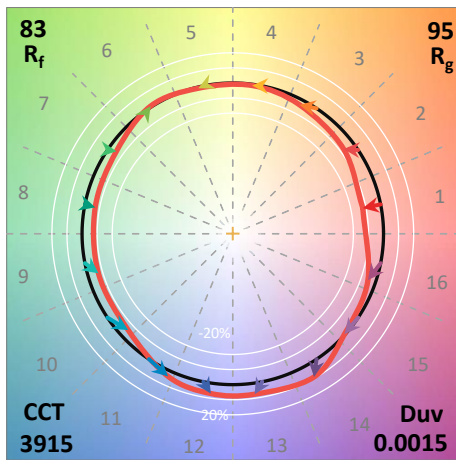
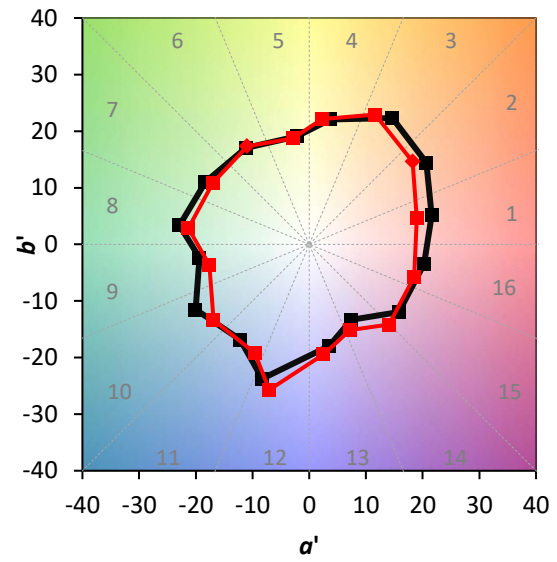
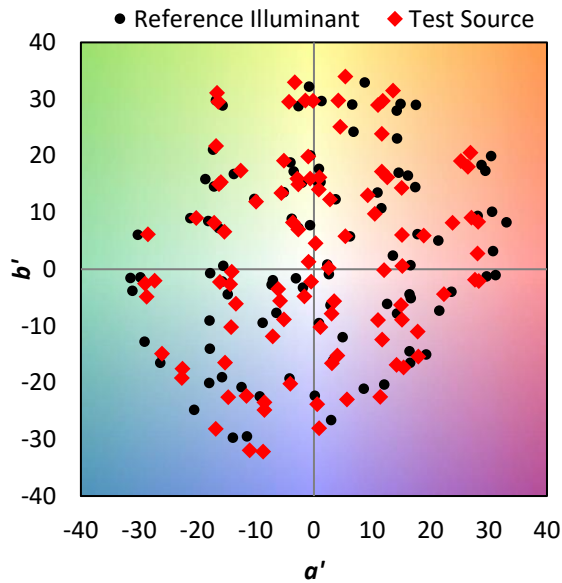
TM-30-18

Summary

$R_f = 83.2$
 $R_g = 94.6$
 $CIE R_a = 82.3$
 $R_g = 7.6$

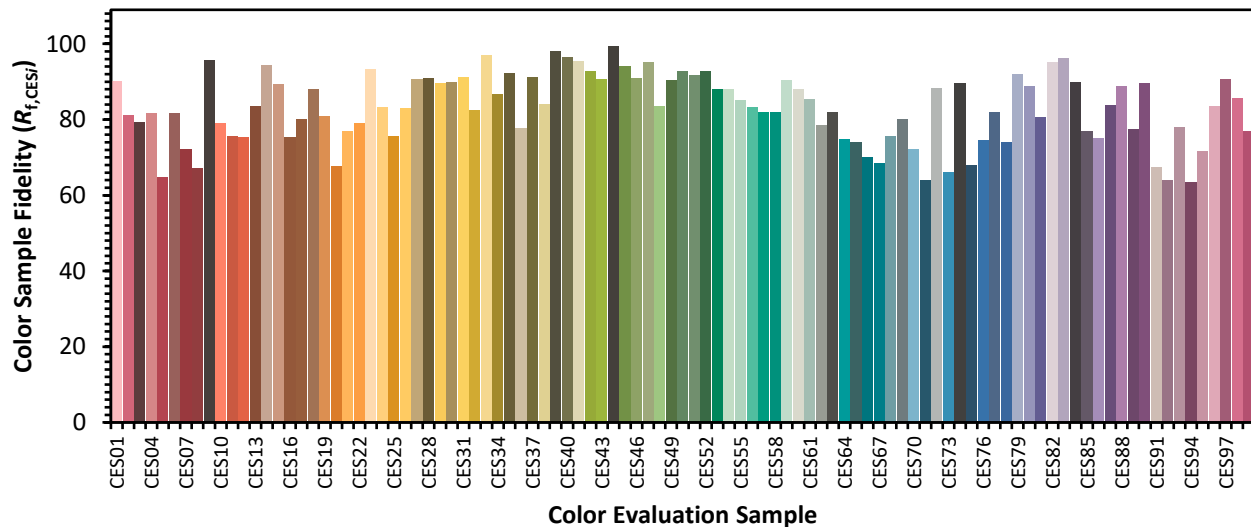


Color Vector Graphics

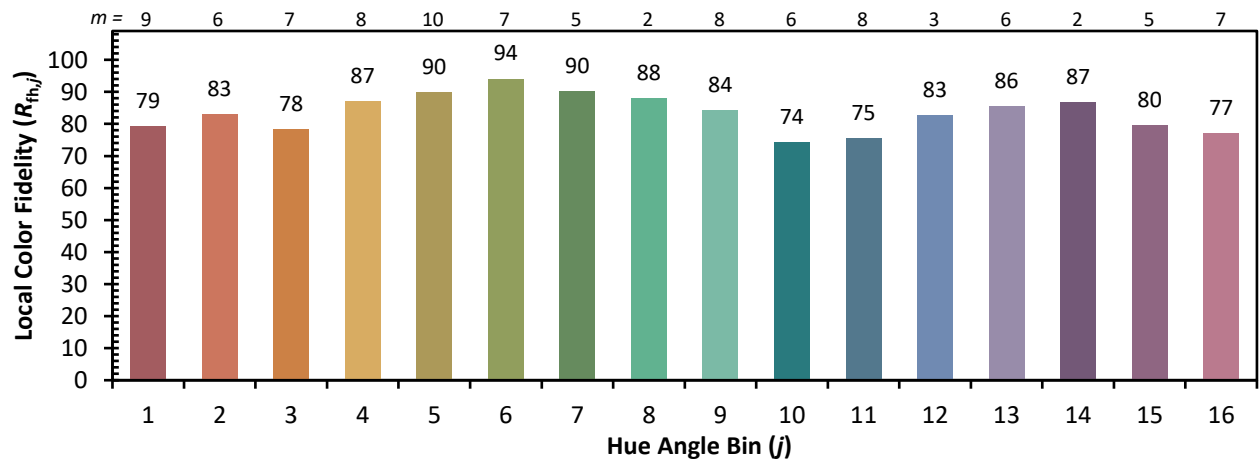
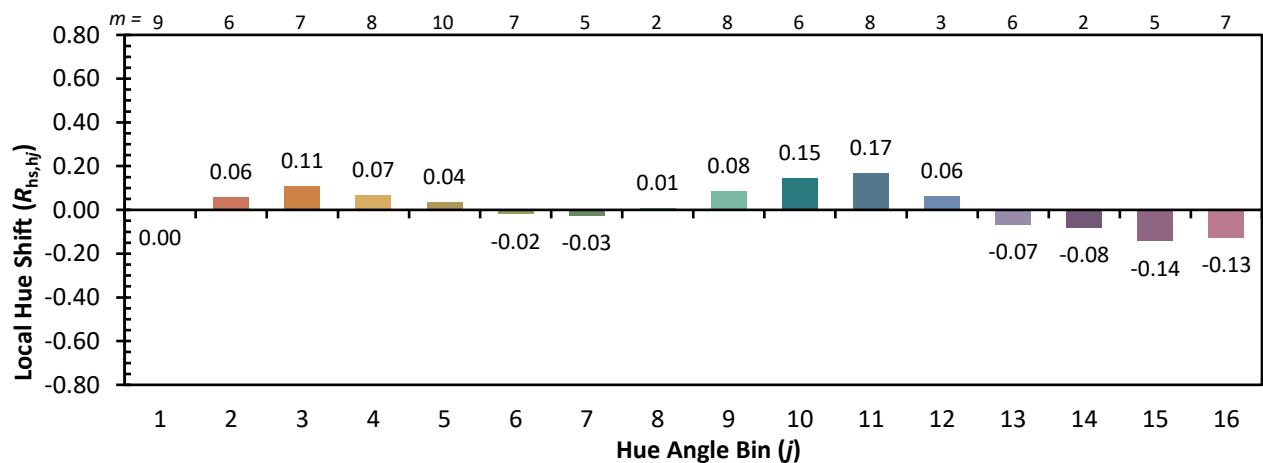
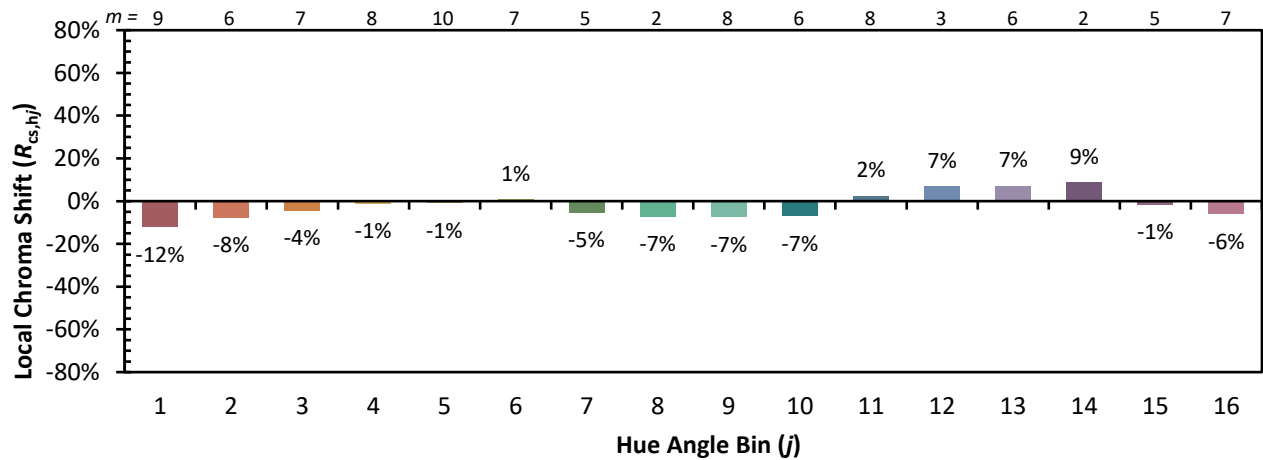


Individual Sample Fidelity Index ($R_{f,i}$)

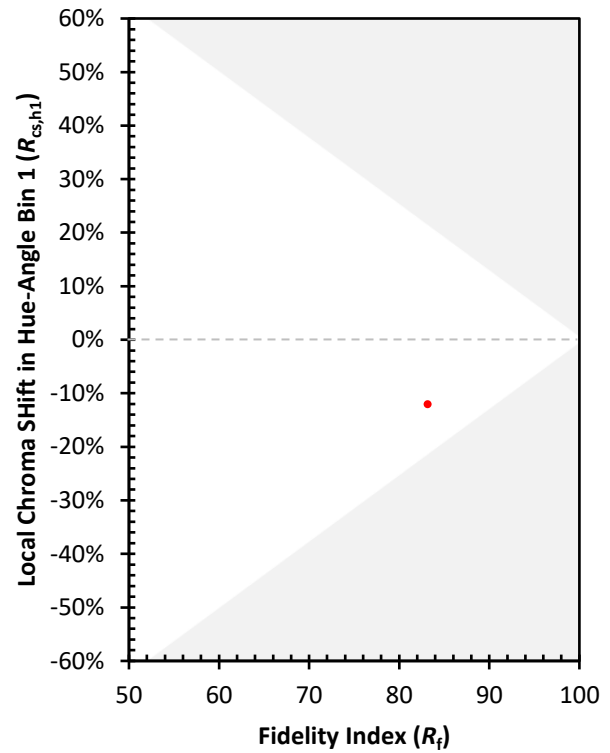
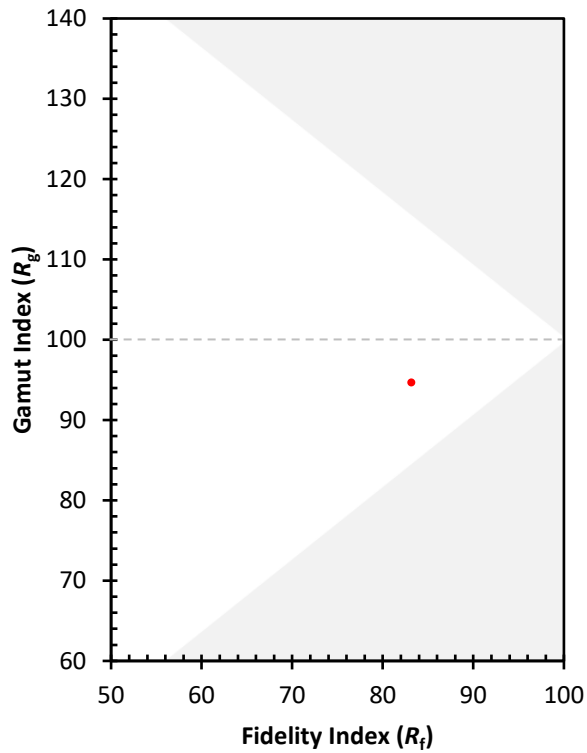
CES01 = 86	CES26 = 83	CES51 = 92	CES76 = 75
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 82
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 74
CES04 = 70	CES29 = 90	CES54 = 88	CES79 = 92
CES05 = 48	CES30 = 90	CES55 = 85	CES80 = 89
CES06 = 50	CES31 = 91	CES56 = 83	CES81 = 81
CES07 = 41	CES32 = 83	CES57 = 82	CES82 = 95
CES08 = 40	CES33 = 97	CES58 = 82	CES83 = 96
CES09 = 29	CES34 = 87	CES59 = 90	CES84 = 90
CES10 = 74	CES35 = 92	CES60 = 88	CES85 = 77
CES11 = 57	CES36 = 78	CES61 = 85	CES86 = 75
CES12 = 63	CES37 = 91	CES62 = 79	CES87 = 84
CES13 = 42	CES38 = 84	CES63 = 82	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 75	CES89 = 77
CES15 = 71	CES40 = 96	CES65 = 74	CES90 = 90
CES16 = 47	CES41 = 95	CES66 = 70	CES91 = 67
CES17 = 49	CES42 = 93	CES67 = 69	CES92 = 64
CES18 = 56	CES43 = 91	CES68 = 76	CES93 = 78
CES19 = 71	CES44 = 99	CES69 = 80	CES94 = 63
CES20 = 65	CES45 = 94	CES70 = 72	CES95 = 72
CES21 = 86	CES46 = 91	CES71 = 64	CES96 = 84
CES22 = 78	CES47 = 95	CES72 = 88	CES97 = 91
CES23 = 91	CES48 = 83	CES73 = 66	CES98 = 86
CES24 = 90	CES49 = 90	CES74 = 90	CES99 = 77
CES25 = 71	CES50 = 93	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)