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: CORELITE

Report Number: P1215123

Luminaire Tested: 22-ID2-50-DBD-L840-U

Issue Date: 12/4/2025

Report Generated By 670265710 / DESKTOP-98SHLC4

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1215123
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2506-458-17)
Test Lab:	INNOVATION CENTER
Issue Date:	12/4/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	22-ID2-50-DBD-L840-U
Description:	2X2 IN DEPTH TROFFER WITH 2INCH DOUBLE BARREL DROP
Light Source:	4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5590.9 lumens
Efficiency:	N/A
Efficacy:	124.8 lumens/watt
Spacing Criteria (0/90/45):	1.2 / 1.2 / 1.31
Luminous Opening:	Rectangular w/ Sides (W: 2' x L: 2' x H: 0.15')
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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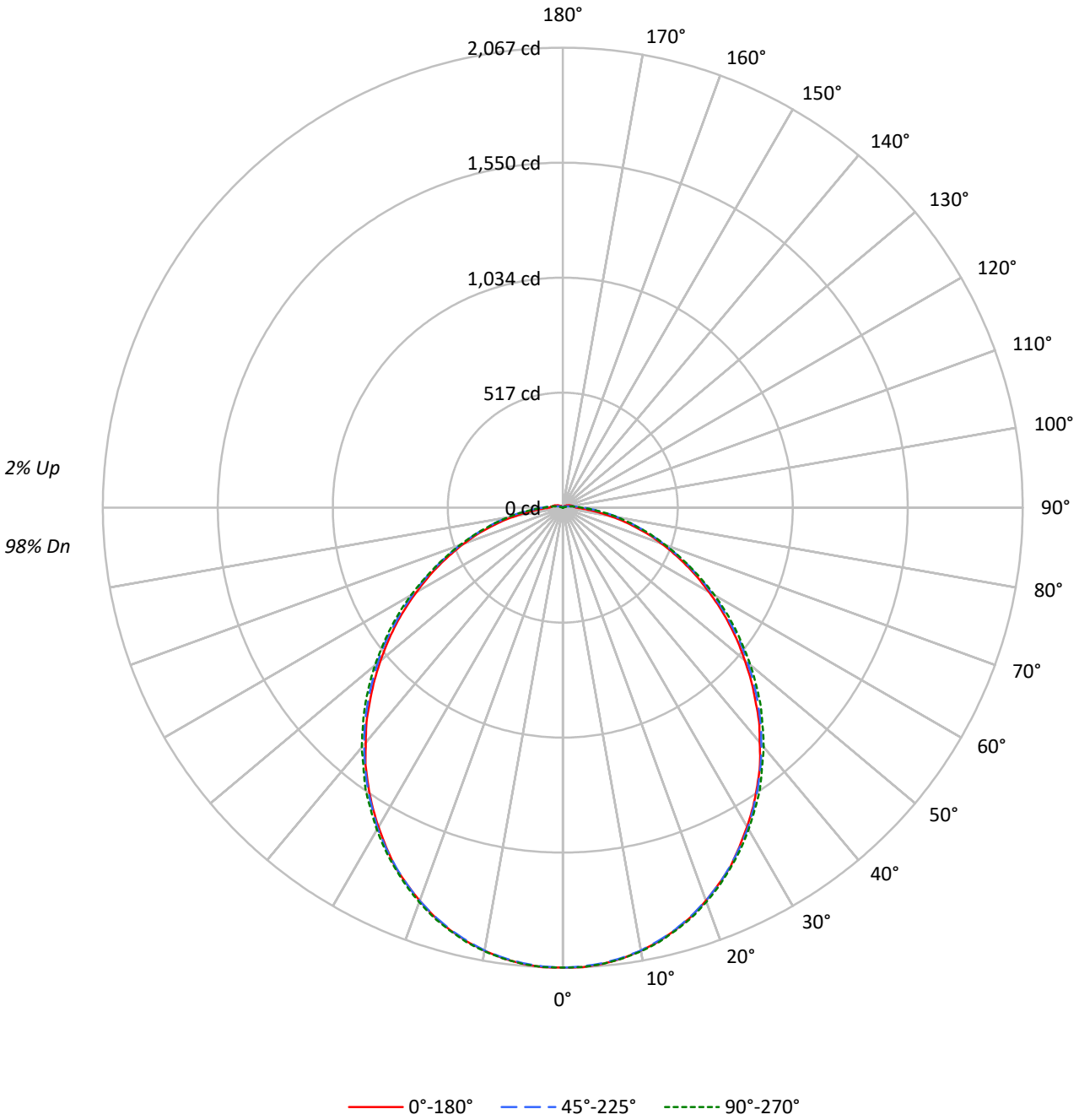
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	0
RCR																		
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	81
2	98	90	83	77	95	88	82	76	84	79	74	80	76	72	77	74	70	68
3	90	79	71	64	87	77	70	64	74	68	62	71	66	61	68	64	60	57
4	82	70	62	55	80	69	61	54	66	59	53	63	57	52	61	56	52	49
5	76	63	54	47	73	62	53	47	59	52	46	57	51	46	55	49	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
7	65	52	43	37	63	51	42	37	49	42	36	47	41	36	46	40	35	33
8	61	47	39	33	59	46	38	33	45	38	32	43	37	32	42	36	32	30
9	57	43	35	30	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5562	5562	5562
5°	5523	5501	5525
10°	5454	5420	5461
15°	5362	5314	5370
20°	5243	5184	5258
25°	5111	5033	5123
30°	4932	4871	4975
35°	4758	4678	4823
40°	4550	4479	4644
45°	4332	4265	4452
50°	4104	4033	4234
55°	3874	3784	4002
60°	3616	3526	3757
65°	3362	3262	3472
70°	3077	2969	3198
75°	2728	2691	2924
80°	2316	2422	2714
85°	1913	2174	2567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 45°
Luminance: 4452 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.2	3.5
10°-20°	553.3	9.9
20°-30°	819.7	14.7
30°-40°	957.7	17.1
40°-50°	956.6	17.1
50°-60°	832.1	14.9
60°-70°	621.1	11.1
70°-80°	379.0	6.8
80°-90°	167.1	3.0
90°-100°	61.2	1.1
100°-110°	25.5	0.5
110°-120°	12.1	0.2
120°-130°	6.2	0.1
130°-140°	2.7	0.0
140°-150°	0.9	0.0
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1568.2	28.0
0°-40°	2525.9	45.2
0°-60°	4314.7	77.2
0°-90°	5482.0	98.1
90°-120°	98.7	1.8
90°-150°	108.5	1.9
90°-180°	109.0	1.9
0°-180°	5590.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2067	2067	2067	2067	2067	
5°	2058	2056	2055	2057	2059	195
15°	1964	1962	1962	1964	1966	553
25°	1782	1778	1779	1782	1786	819
35°	1524	1526	1530	1539	1545	953
45°	1224	1231	1240	1249	1258	945
55°	914	919	929	941	944	817
65°	613	619	629	635	633	607
75°	336	348	361	365	360	358
85°	115	141	156	159	154	115
90°	59	79	90	91	84	35
95°	50	51	56	57	54	40
105°	37	32	21	14	12	39
115°	24	21	12	2	0	24
125°	14	12	7	1	0	14
135°	8	6	2	1	0	6
145°	3	2	1	1	1	2
155°	1	1	1	1	1	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2067.0	2067.0	2067.0	2067.0	2067.0
2.5°	2067.0	2064.9	2063.5	2064.9	2066.3
5°	2058.0	2055.9	2055.2	2056.6	2058.7
7.5°	2043.5	2042.1	2040.8	2042.8	2044.2
10°	2022.2	2020.1	2020.8	2022.8	2024.9
12.5°	1996.6	1994.6	1993.2	1995.3	1999.4
15°	1963.5	1961.5	1961.5	1963.5	1966.3
17.5°	1924.9	1924.9	1922.9	1927.0	1930.5
20°	1880.8	1880.1	1880.1	1882.9	1886.3
22.5°	1831.2	1831.2	1831.9	1836.0	1838.8
25°	1781.5	1778.1	1778.8	1782.2	1785.7
27.5°	1718.8	1719.5	1722.2	1725.7	1731.2
30°	1656.1	1658.1	1663.6	1666.4	1670.5
32.5°	1592.6	1594.0	1596.8	1604.3	1607.1
35°	1524.4	1525.7	1529.9	1538.8	1545.1
37.5°	1456.1	1454.7	1460.9	1469.9	1470.6
40°	1376.8	1382.3	1388.5	1396.8	1405.1
42.5°	1305.8	1308.6	1316.2	1323.7	1329.3
45°	1223.8	1230.7	1239.6	1248.6	1257.6
47.5°	1147.2	1155.5	1162.4	1173.4	1178.3
50°	1068.0	1076.9	1085.2	1096.2	1101.7
52.5°	991.4	997.6	1011.4	1019.7	1021.1
55°	914.2	919.0	928.7	941.1	944.5
57.5°	837.0	843.2	853.5	864.6	865.9
60°	759.1	766.7	775.6	784.6	788.7
62.5°	685.3	692.2	701.2	708.8	708.1
65°	612.9	619.1	628.8	635.0	632.9
67.5°	541.2	548.1	557.1	561.9	560.5
70°	471.6	477.1	487.4	492.3	490.2
72.5°	406.8	414.4	422.6	428.1	425.4
75°	335.8	348.2	361.3	364.7	359.9
77.5°	274.4	288.2	304.0	308.2	303.4
80°	213.0	234.4	250.3	255.1	249.6
82.5°	160.6	184.1	202.0	206.1	199.3
85°	115.1	140.6	155.8	159.3	154.4
87.5°	81.4	104.8	117.9	120.0	113.1
90°	59.3	79.3	89.6	91.0	84.1
92.5°	54.5	62.7	71.0	73.1	68.9
95°	50.3	51.0	56.5	57.2	53.8
97.5°	46.9	43.4	44.1	43.4	40.7
100°	43.4	39.3	33.8	31.7	29.6
102.5°	40.7	35.9	26.2	22.1	20.0
105°	37.2	32.4	20.7	13.8	12.4
107.5°	33.8	29.6	17.9	8.3	6.2
110°	30.3	26.2	15.9	4.1	2.1

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CATALOG NUMBER: 22-ID2-50-DBD-L840-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*27.6*	23.4	14.5	3.4	0.0
115°	*24.1*	21.4	12.4	2.1	0.0
117.5°	*21.4*	18.6	11.0	1.4	0.0
120°	*19.3*	16.5	9.7	0.7	0.0
122.5°	*17.2*	14.5	8.3	0.7	0.0
125°	*14.5*	12.4	6.9	0.7	0.0
127.5°	*13.1*	11.0	5.5	0.0	0.0
130°	*11.0*	9.0	4.8	0.0	0.0
132.5°	*9.7*	7.6	3.4	0.7	0.0
135°	*7.6*	6.2	2.1	0.7	0.0
137.5°	*6.9*	5.5	1.4	0.7	0.0
140°	*5.5*	4.1	1.4	0.7	0.0
142.5°	*4.1*	3.4	0.7	0.7	0.7
145°	*2.8*	2.1	0.7	0.7	0.7
147.5°	*2.1*	1.4	0.7	0.7	0.7
150°	*1.4*	1.4	0.7	0.7	0.7
152.5°	*0.7*	0.7	0.7	0.7	0.7
155°	*0.7*	0.7	0.7	0.7	0.7
157.5°	*0.7*	0.7	0.7	0.7	0.7
160°	*0.7*	0.7	0.7	0.7	0.7
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: P1215123
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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	16.30	17.89	16.70	18.24	18.61	16.49	18.07	16.89	18.43	18.79
	3H	17.98	19.41	18.39	19.78	20.19	18.18	19.61	18.59	19.98	20.39
	4H	18.61	19.96	19.04	20.34	20.77	18.84	20.19	19.27	20.58	21.00
	6H	19.07	20.33	19.52	20.73	21.17	19.38	20.64	19.83	21.04	21.48
	8H	19.23	20.43	19.69	20.86	21.30	19.60	20.80	20.05	21.22	21.67
	12H	19.35	20.50	19.81	20.92	21.39	19.78	20.93	20.24	21.35	21.83
4H	2H	16.89	18.24	17.32	18.63	19.05	17.04	18.39	17.47	18.78	19.20
	3H	18.78	19.92	19.23	20.36	20.80	18.95	20.09	19.40	20.53	20.97
	4H	19.54	20.57	20.01	21.02	21.51	19.75	20.78	20.21	21.23	21.72
	6H	20.15	21.05	20.63	21.53	22.03	20.45	21.35	20.93	21.83	22.33
	8H	20.36	21.21	20.85	21.69	22.20	20.72	21.57	21.22	22.05	22.56
	12H	20.53	21.30	21.04	21.81	22.32	20.97	21.74	21.49	22.25	22.76
8H	4H	19.86	20.71	20.35	21.18	21.70	20.05	20.89	20.54	21.37	21.88
	6H	20.60	21.31	21.13	21.83	22.35	20.88	21.59	21.41	22.11	22.63
	8H	20.90	21.54	21.44	22.08	22.61	21.26	21.90	21.80	22.44	22.97
	12H	21.17	21.74	21.71	22.26	22.87	21.62	22.19	22.15	22.71	23.31
12H	4H	19.90	20.67	20.41	21.18	21.69	20.08	20.84	20.59	21.35	21.87
	6H	20.68	21.32	21.22	21.86	22.39	20.95	21.59	21.49	22.13	22.66
	8H	21.05	21.62	21.59	22.14	22.75	21.39	21.96	21.93	22.48	23.09

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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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

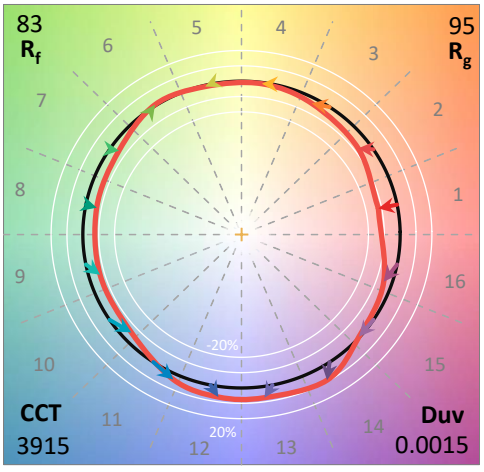
Test Information

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	CRI (Ra):	82.3		
CIE u':	0.2259	R1:	80.6	R9:	7.6
CIE v':	0.5051	R2:	88.9	R10:	72.9
Duv:	0.0015	R3:	94.6	R11:	78.7
CIE x:	0.3854	R4:	80.5	R12:	57.3
CIE y:	0.3830	R5:	80.0	R13:	82.7
CIE z:	0.2316	R6:	84.0	R14:	97.1
Peak Wavelength (nm):	453	R7:	86.1	R15:	74.3
Dominant Wavelength (nm):	578	R8:	64.0		
Purity:	30.6207				

Rf:	83.2
Rg:	94.6



Test Conditions

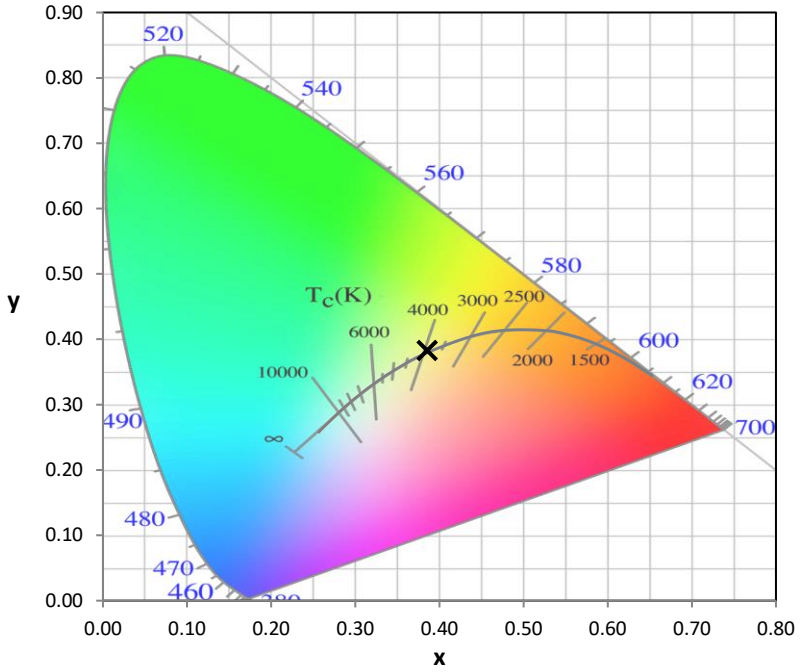
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2506-458-5

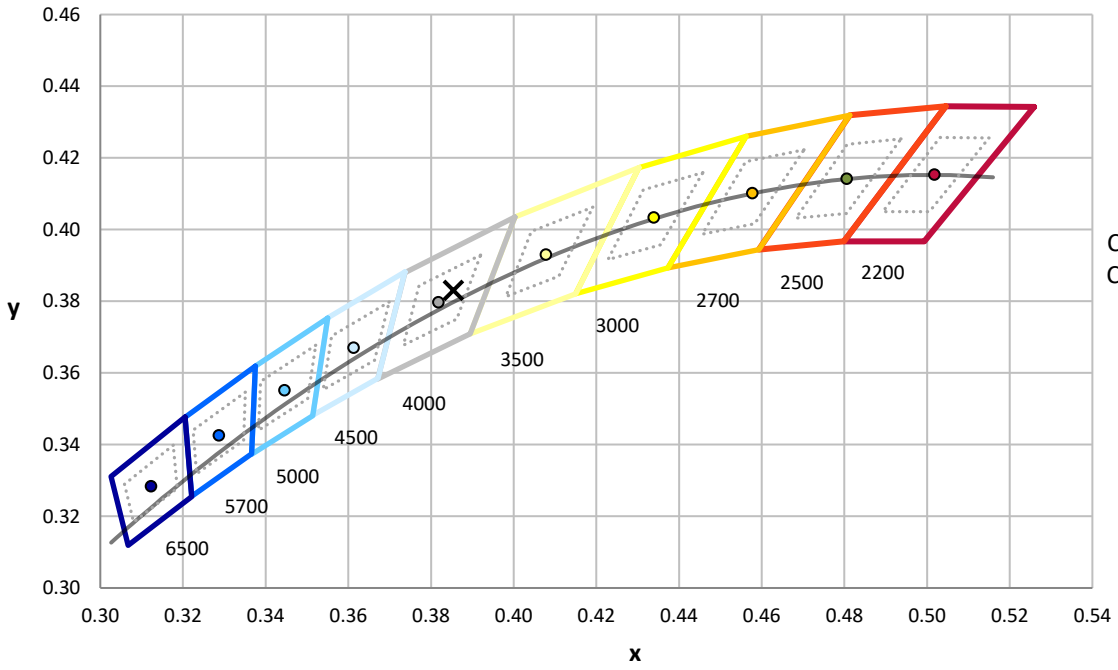
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

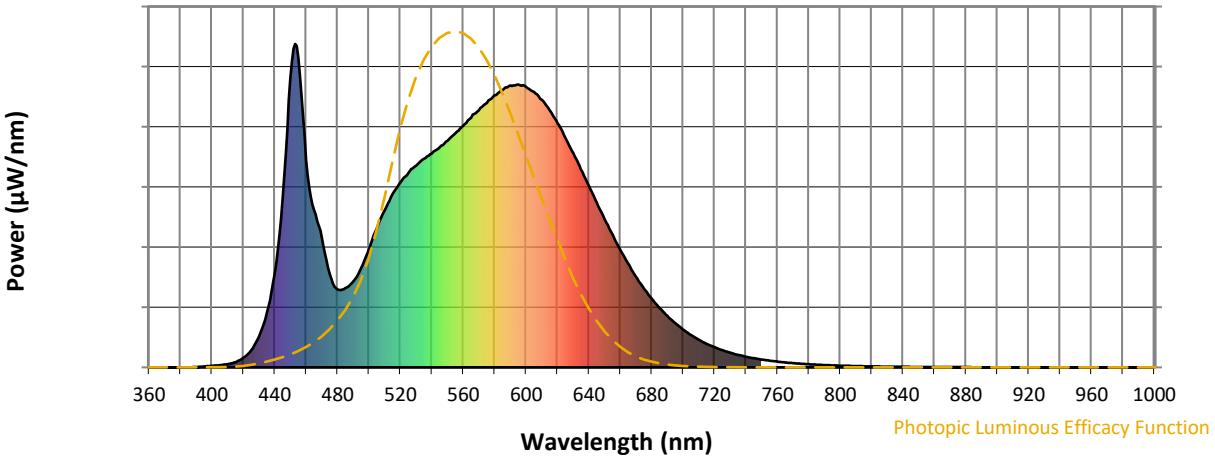


CCT = 3915K
CIE x = 0.3854
CIE y = 0.3830
Duv = 0.0015

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			

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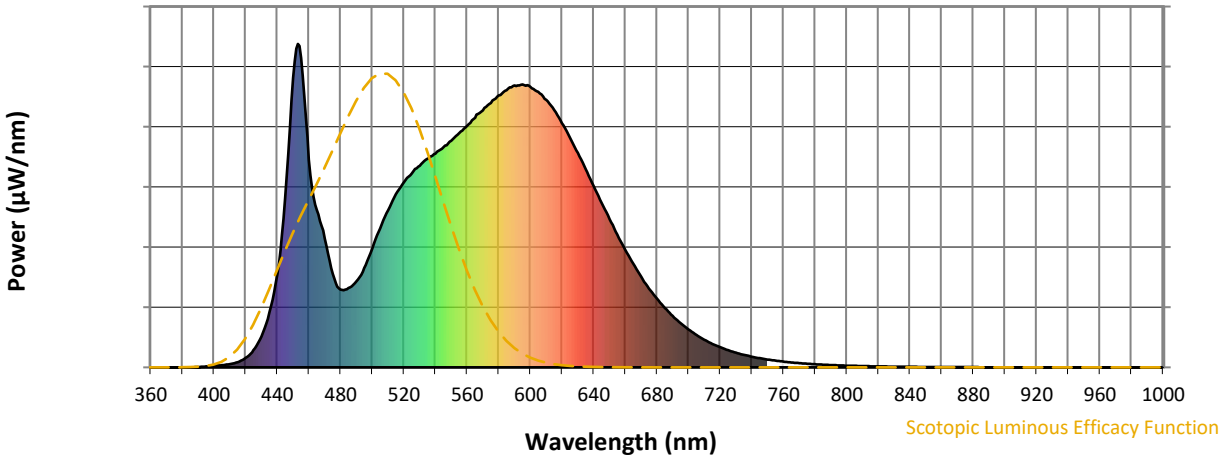
Scotopic Flux vs. Wavelength



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			

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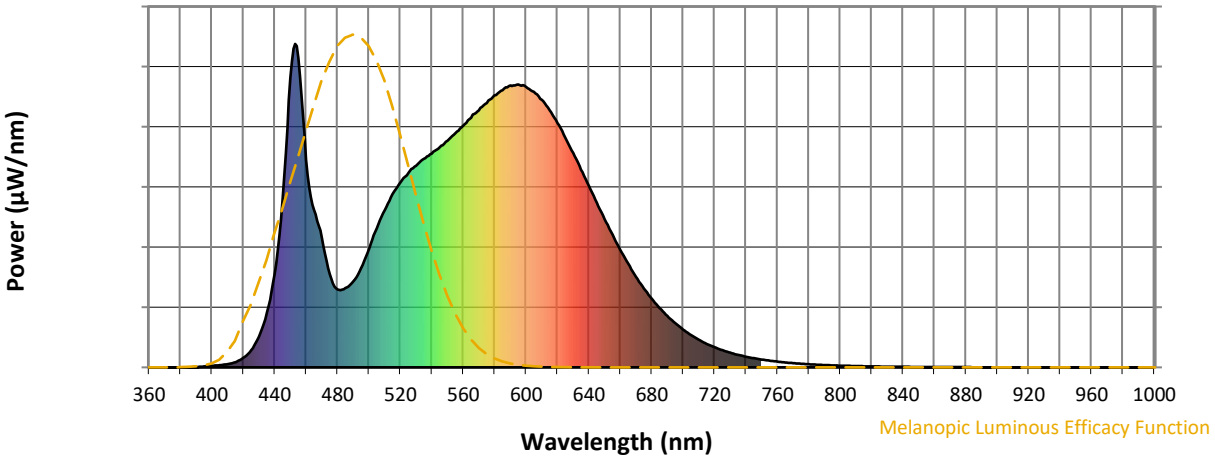
Melanopic Flux vs. Wavelength



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			

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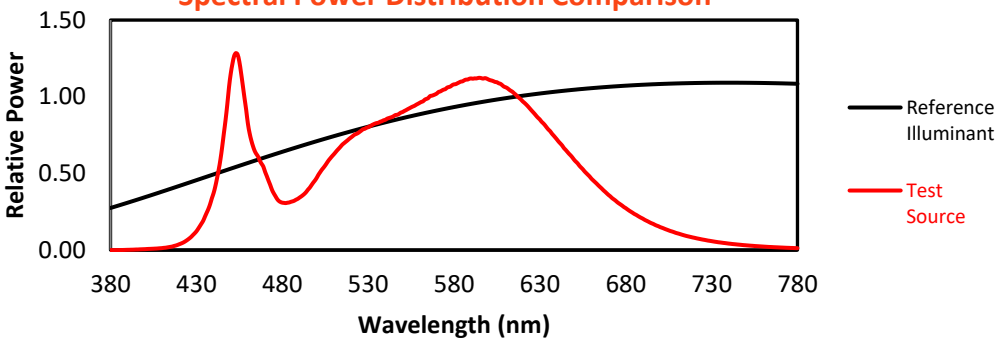
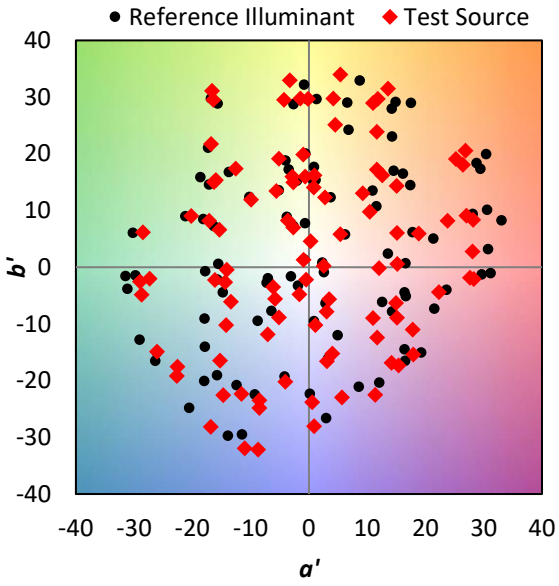
Summary

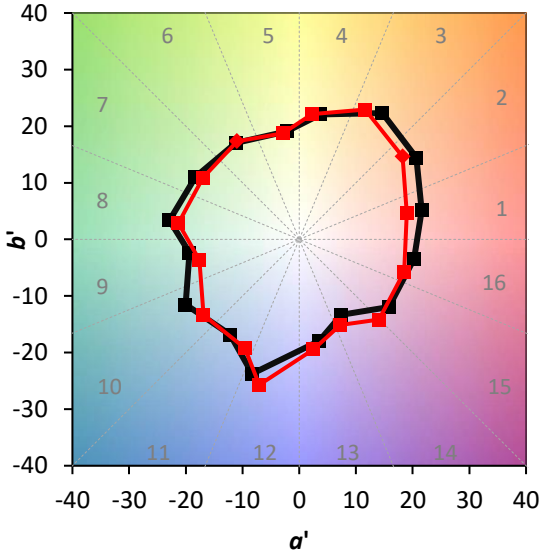
R_f = 83.2
R_g = 94.6
CIE R_a = 82.3
R_9 = 7.6

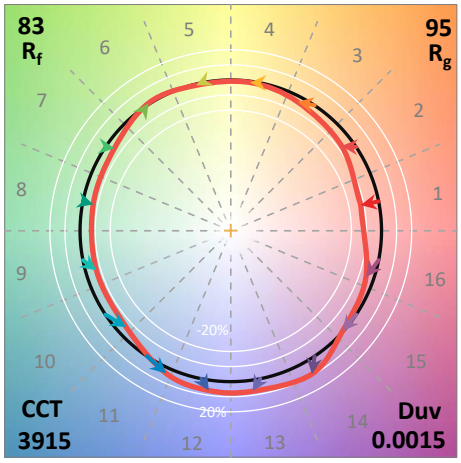
Spectral Power Distribution Comparison

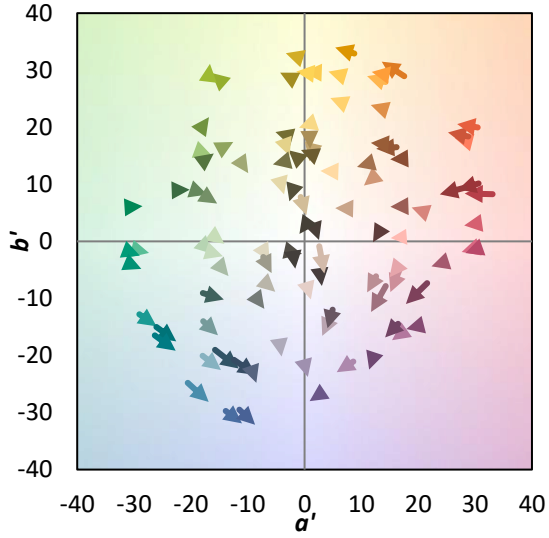


Color Vector Graphics









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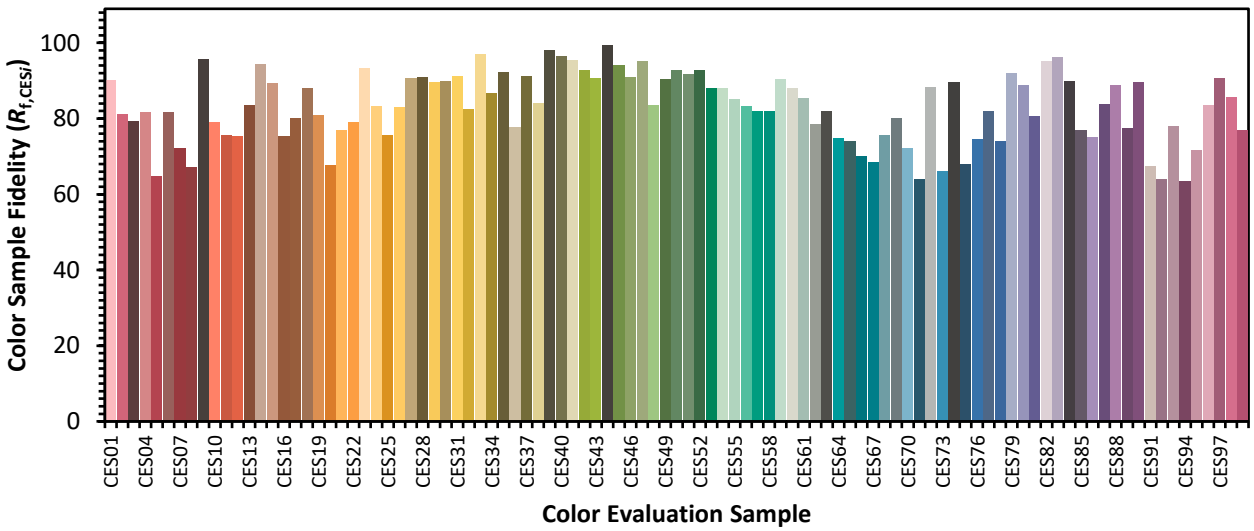
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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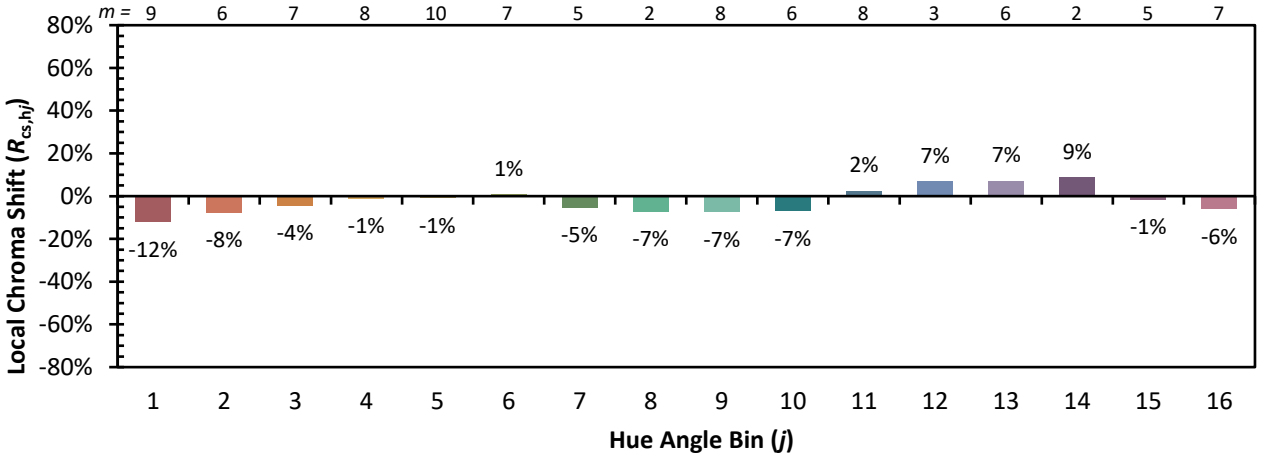
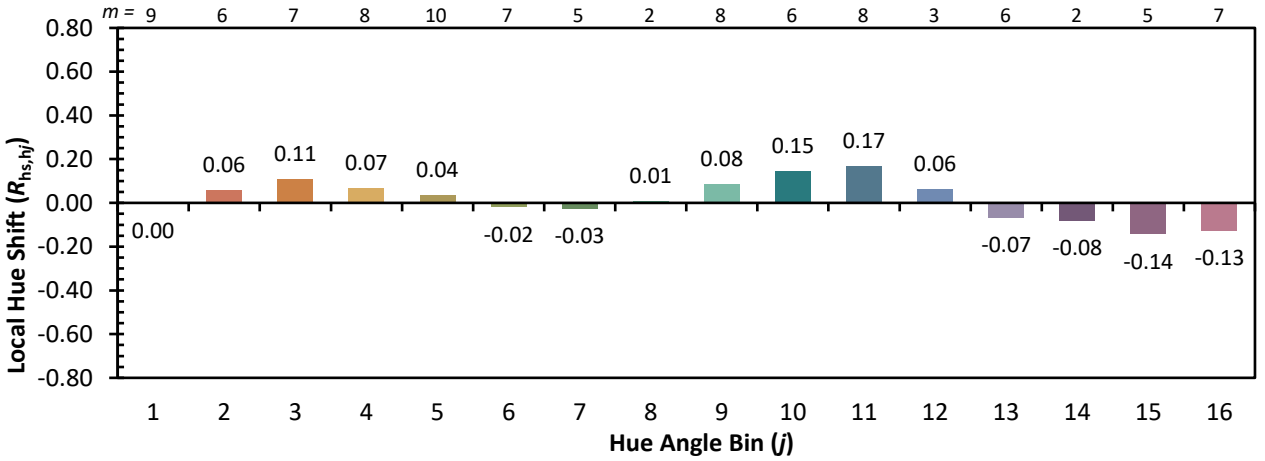
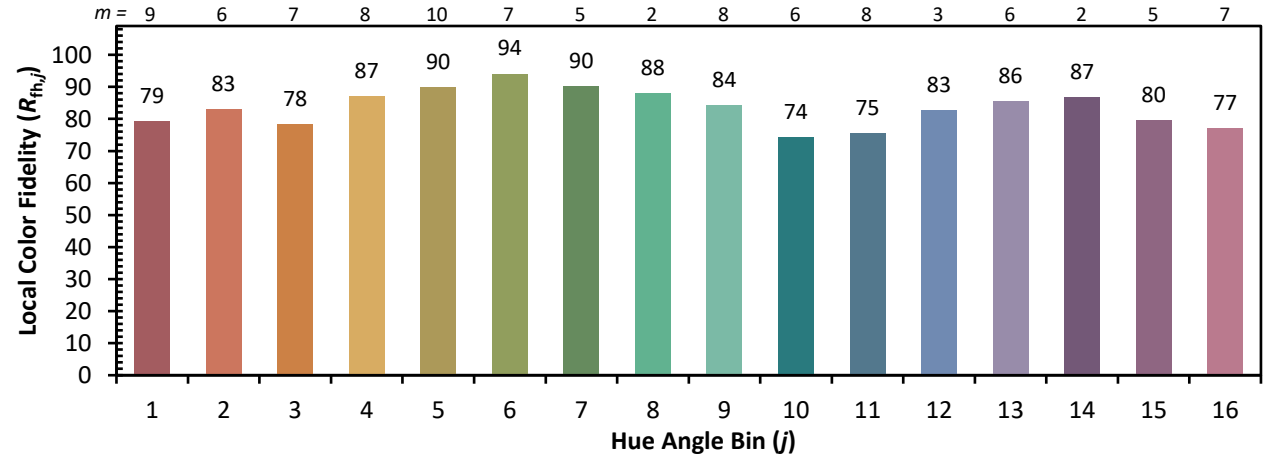
Color Rendition by Hue-Angle Bin







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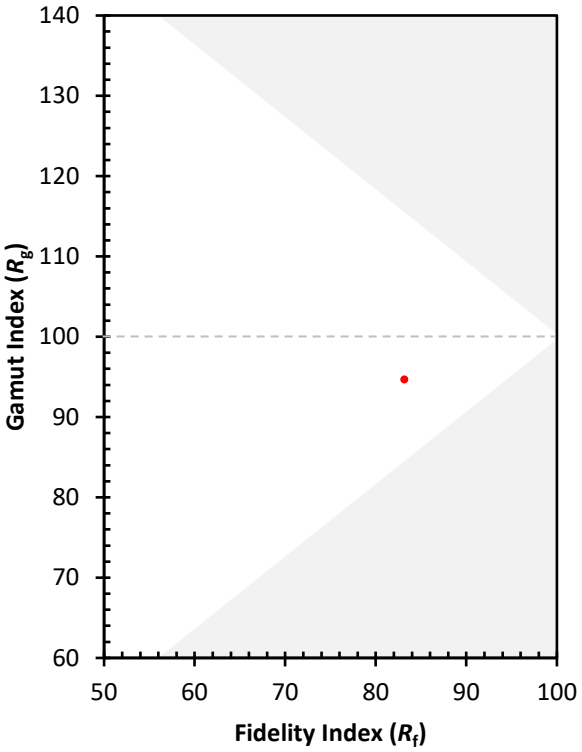
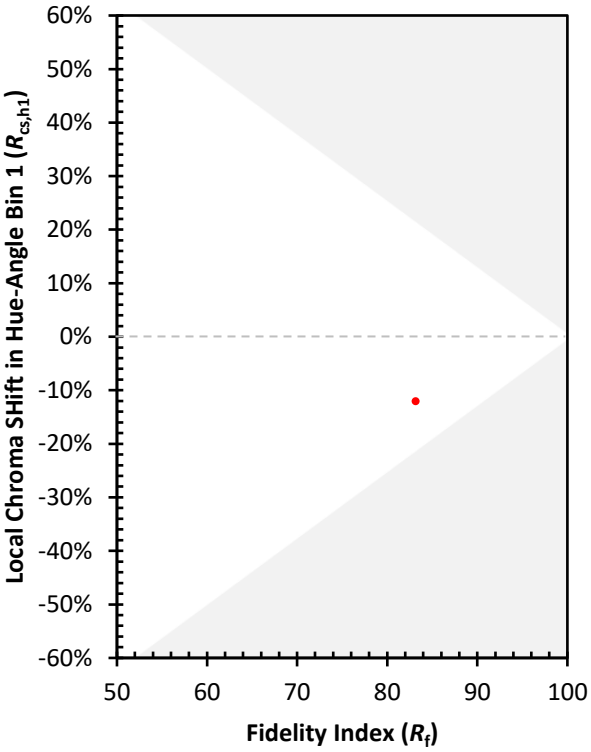
Measure Comparisons





(END OF REPORT)