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: P1216817

Luminaire Tested: 14-ID2-80-CFR1-L850-U

Issue Date: 12/5/2025

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:	P1216817
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2508-507-13)
Test Lab:	INNOVATION CENTER
Issue Date:	12/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14-ID2-80-CFR1-L850-U
Description:	1X4 IN DEPTH TROFFER WITH 1INCH CUBE REGRESS LENS
Light Source:	5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7271.3 lumens
Efficiency:	N/A
Efficacy:	103.9 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.17 / 1.28
Luminous Opening:	Rectangular (W 1' x L: 4' x H: 0')
CIE Type:	Direct

Input Watts (W):	70
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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TEST NUMBER: P1216817
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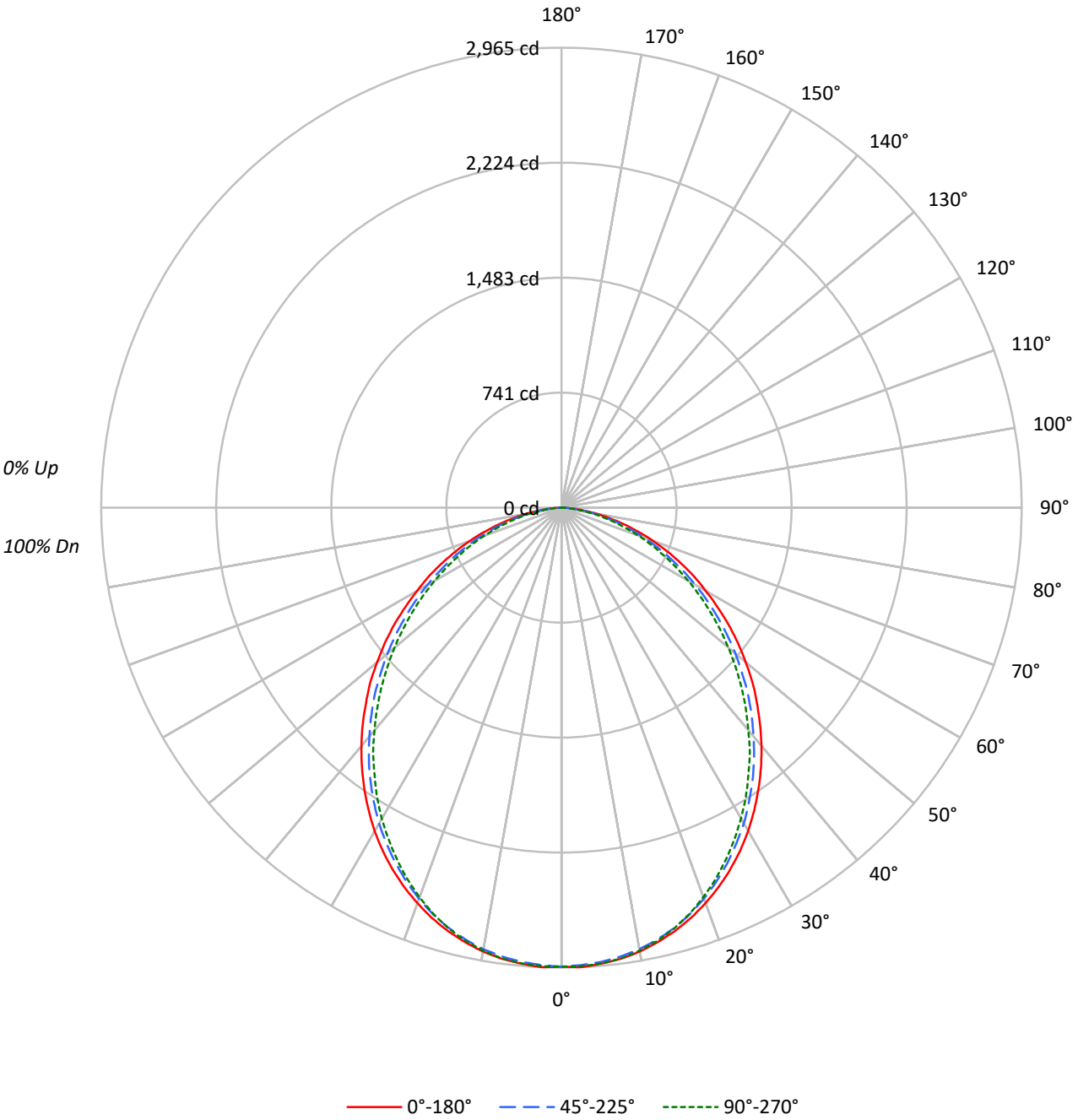
Luminous Intensity Polar Plot



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TEST NUMBER: P1216817
CATALOG NUMBER: 14-ID2-80-CFR1-L850-U

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	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	61	56	64	59	55	53
5	78	65	56	50	75	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	53	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	45	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	32	28	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7963	7963	7963
5°	7973	7940	7967
10°	7941	7898	7925
15°	7871	7816	7823
20°	7771	7683	7655
25°	7641	7506	7437
30°	7478	7302	7192
35°	7273	7051	6897
40°	7044	6763	6582
45°	6776	6467	6243
50°	6487	6122	5875
55°	6164	5755	5490
60°	5782	5366	5075
65°	5410	4933	4613
70°	4947	4463	4135
75°	4378	3881	3549
80°	3577	3140	2816
85°	2541	2084	1707

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6776 cd/sqm

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Scaled Data Report

TEST NUMBER: P1216817
CATALOG NUMBER: 14-ID2-80-CFR1-L850-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.6	3.8
10°-20°	791.7	10.9
20°-30°	1165.9	16.0
30°-40°	1344.9	18.5
40°-50°	1315.1	18.1
50°-60°	1105.7	15.2
60°-70°	776.9	10.7
70°-80°	402.3	5.5
80°-90°	89.2	1.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2237.2	30.8
0°-40°	3582.0	49.3
0°-60°	6002.9	82.6
0°-90°	7271.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7271.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2959	2959	2959	2959	2959	
5°	2952	2948	2940	2941	2949	280
15°	2825	2819	2806	2801	2808	796
25°	2574	2562	2528	2502	2505	1185
35°	2214	2195	2146	2107	2100	1384
45°	1780	1758	1699	1653	1640	1374
55°	1314	1289	1227	1186	1170	1173
65°	850	828	775	740	724	842
75°	421	406	373	349	341	447
85°	82	85	68	58	55	103
90°	0	0	0	0	0	

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TEST NUMBER: P1216817
CATALOG NUMBER: 14-ID2-80-CFR1-L850-U

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*2959.1*	2959.1	2959.1	2959.1	2959.1
2.5°	*2965.2*	*2959.1*	*2951.7*	*2954.2*	*2957.9*
5°	*2951.7*	2948.0	2939.5	2940.7	2949.3
7.5°	*2933.3*	2928.4	2918.6	2921.0	2930.9
10°	*2906.3*	2898.9	2890.3	2891.6	2900.2
12.5°	*2869.5*	2863.3	2852.3	2851.0	2859.6
15°	*2825.3*	2819.1	2805.6	2800.7	2808.1
17.5°	*2773.7*	2766.3	2749.1	2740.5	2745.5
20°	*2713.5*	2706.2	2682.8	2666.9	2673.0
22.5°	*2647.2*	2638.6	2609.2	2590.7	2593.2
25°	*2573.6*	2562.5	2528.1	2502.3	2504.8
27.5°	*2493.7*	2479.0	2440.9	2412.7	2411.5
30°	*2406.6*	2390.6	2350.1	2316.9	2314.5
32.5°	*2312.0*	2296.1	2249.4	2213.8	2211.3
35°	*2213.8*	2195.4	2146.3	2107.0	2099.6
37.5°	*2111.9*	2091.0	2038.2	2000.2	1994.0
40°	*2005.1*	1983.0	1925.3	1884.7	1873.7
42.5°	*1894.6*	1873.7	1812.3	1773.0	1758.3
45°	*1780.4*	1758.3	1699.3	1652.7	1640.4
47.5°	*1671.1*	1641.6	1579.0	1539.7	1521.3
50°	*1549.5*	1525.0	1462.4	1421.8	1403.4
52.5°	*1432.9*	1408.3	1343.3	1302.7	1286.8
55°	*1313.8*	1289.2	1226.6	1186.1	1170.1
57.5°	*1191.0*	1171.4	1111.2	1073.1	1055.9
60°	*1074.4*	1054.7	997.0	961.4	943.0
62.5°	*965.1*	940.5	884.0	850.9	832.5
65°	*849.7*	827.6	774.8	740.4	724.4
67.5°	*737.9*	717.1	667.9	638.5	626.2
70°	*628.7*	610.2	567.3	537.8	525.5
72.5°	*521.8*	505.9	467.8	439.6	431.0
75°	*421.1*	406.4	373.3	348.7	341.3
77.5°	*322.9*	314.3	283.6	262.8	256.6
80°	*230.8*	227.2	202.6	185.4	181.7
82.5°	*149.8*	148.6	132.6	117.9	113.0
85°	*82.3*	84.7	67.5	57.7	55.3
87.5°	*29.5*	29.5	20.9	18.4	17.2
90°	*0.0*	0.0	0.0	0.0	0.0

TEST NUMBER: P1216817
CATALOG NUMBER: 14-ID2-80-CFR1-L850-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	18.32	19.90	18.68	20.21	20.53	17.66	19.24	18.03	19.56	19.87
	3H	19.94	21.36	20.32	21.69	22.05	19.15	20.57	19.53	20.90	21.26
	4H	20.51	21.84	20.91	22.19	22.57	19.64	20.98	20.04	21.33	21.70
	6H	20.88	22.12	21.29	22.49	22.88	19.94	21.18	20.36	21.55	21.94
	8H	20.98	22.16	21.41	22.55	22.95	20.01	21.19	20.44	21.58	21.98
	12H	21.03	22.16	21.46	22.54	22.97	20.04	21.17	20.47	21.55	21.98
4H	2H	18.80	20.13	19.19	20.48	20.86	18.27	19.60	18.67	19.95	20.33
	3H	20.63	21.74	21.04	22.14	22.54	19.96	21.07	20.37	21.47	21.87
	4H	21.32	22.33	21.75	22.74	23.18	20.55	21.56	20.98	21.97	22.41
	6H	21.82	22.69	22.27	23.13	23.59	20.95	21.83	21.41	22.27	22.72
	8H	21.95	22.77	22.41	23.21	23.68	21.05	21.86	21.51	22.31	22.77
	12H	22.03	22.76	22.51	23.24	23.71	21.09	21.83	21.57	22.30	22.77
8H	4H	21.52	22.33	21.98	22.78	23.24	20.82	21.64	21.28	22.08	22.55
	6H	22.10	22.78	22.60	23.27	23.75	21.31	21.98	21.80	22.47	22.95
	8H	22.29	22.90	22.81	23.41	23.90	21.45	22.05	21.96	22.56	23.05
	12H	22.43	22.97	22.94	23.46	24.02	21.53	22.06	22.04	22.55	23.12
12H	4H	21.52	22.25	22.00	22.73	23.20	20.85	21.58	21.33	22.05	22.52
	6H	22.12	22.72	22.63	23.23	23.72	21.34	21.95	21.85	22.46	22.94
	8H	22.35	22.89	22.86	23.38	23.94	21.53	22.06	22.03	22.55	23.11

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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: SP1-2506-458-7

Test Date: 08/26/2025

Luminaire Tested: 22ID2-55-CFR1-L850-U

Data in this report applies to families of products including 22ID2-55-CFR1-L850-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

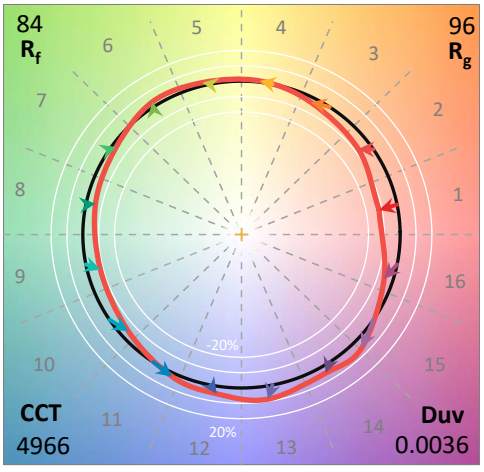
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-458-7
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-L850-U**
Description:	2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 5000K 80CRI

Spectral Parameters

CCT (K):	4966	CRI (Ra):	83.1		
CIE u':	0.2093	R1:	81.0	R9:	10.3
CIE v':	0.4890	R2:	87.8	R10:	70.9
Duv:	0.0036	R3:	92.7	R11:	81.3
CIE x:	0.3468	R4:	82.4	R12:	55.9
CIE y:	0.3601	R5:	81.0	R13:	82.8
CIE z:	0.2931	R6:	82.6	R14:	96.1
Peak Wavelength (nm):	450	R7:	88.5	R15:	75.1
Dominant Wavelength (nm):	570	R8:	68.6		
Purity:	12.1135				

Rf:	84
Rg:	96.2



Test Conditions

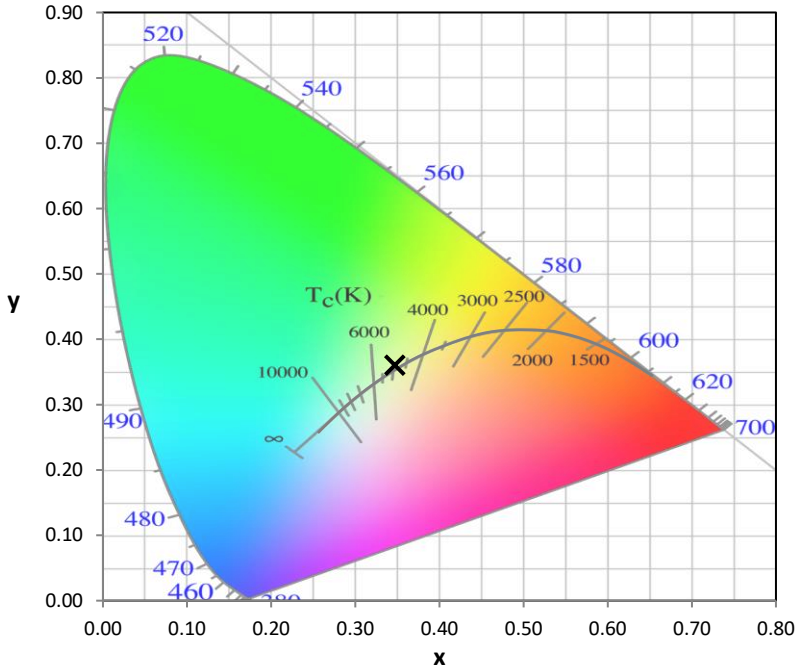
Stabilization Time:	37M
Operation Time:	1H 37M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2506-458-7

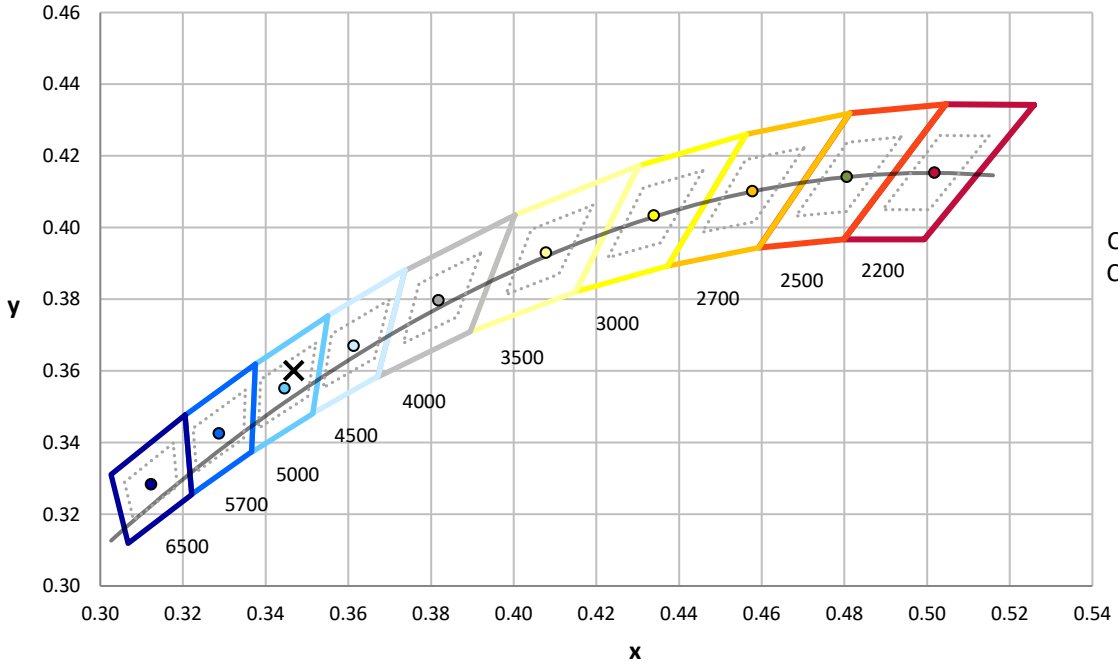
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-458-7

CIE 1931 Chromaticity Diagram



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

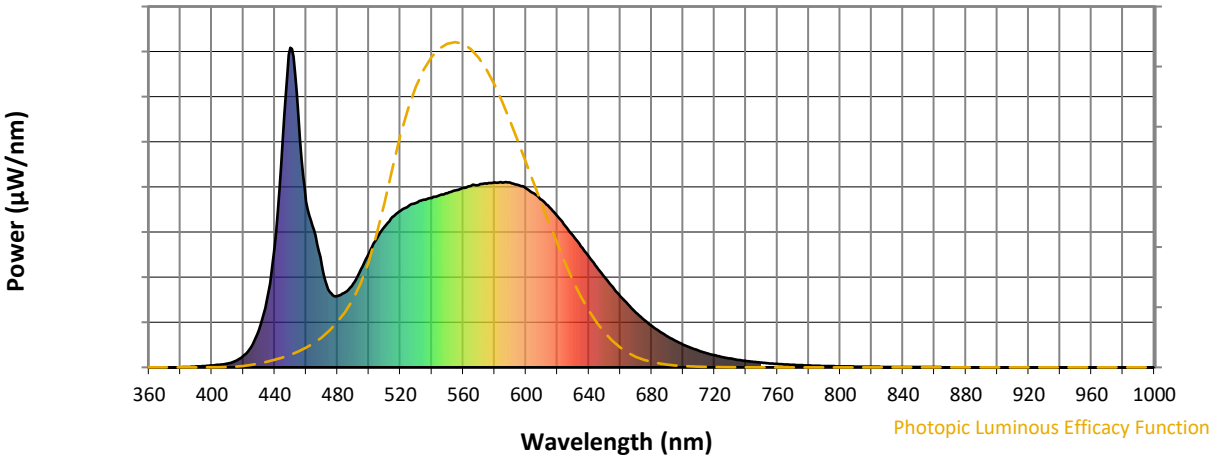


CCT = 4966K
CIE x = 0.3468
CIE y = 0.3601
Duv = 0.0036

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-7

Photopic Flux vs. Wavelength

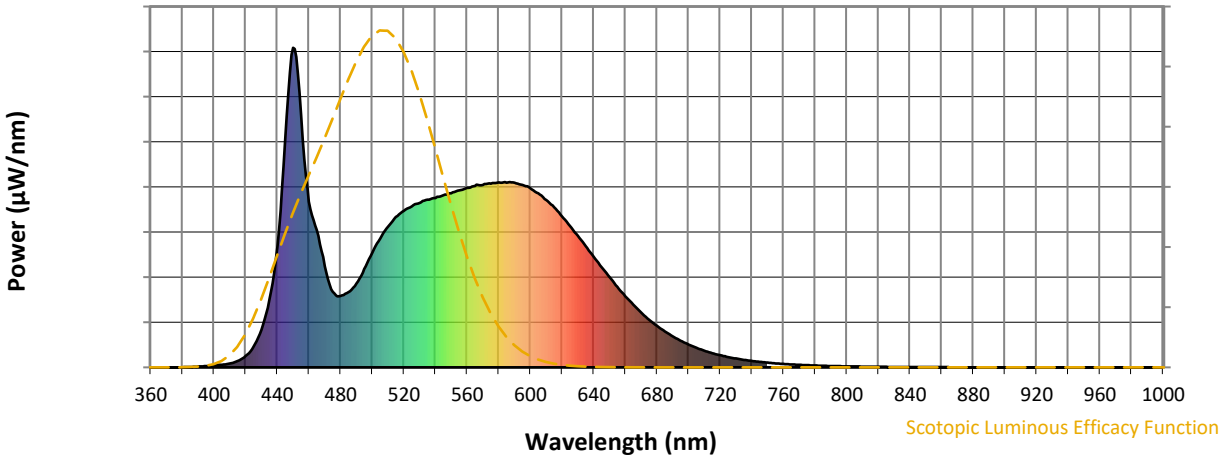


Photopic Lumens: NR

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

REPORT NUMBER: SP1-2506-458-7

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.94**

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

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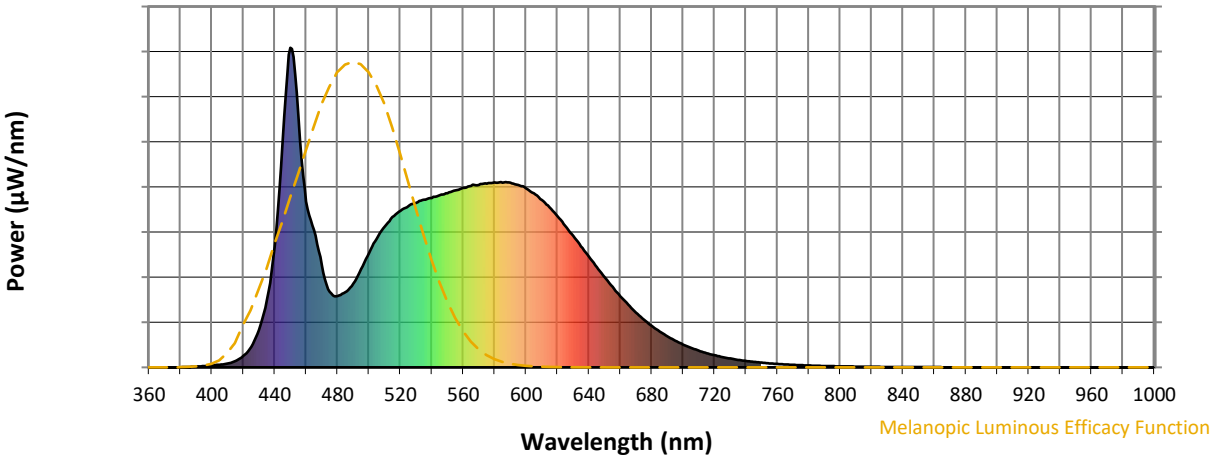
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.11**

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

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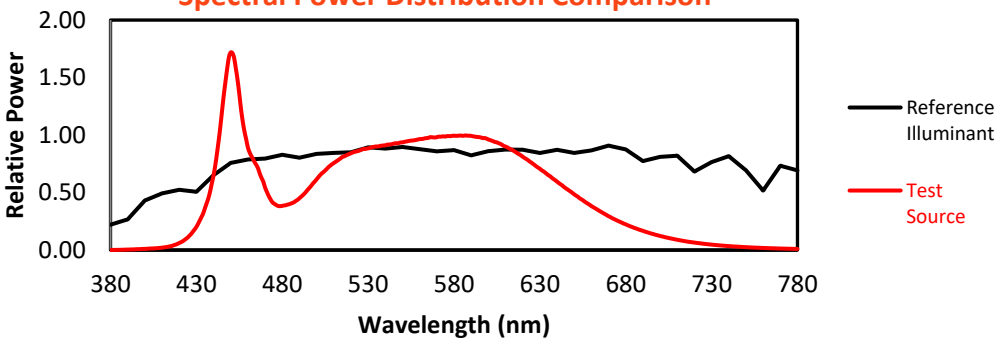
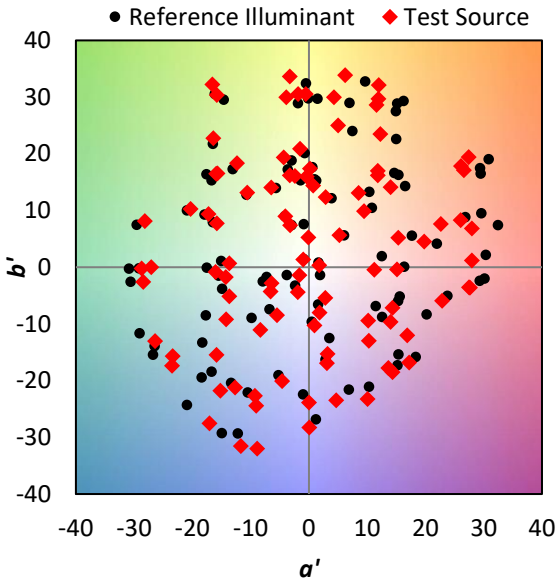
Summary

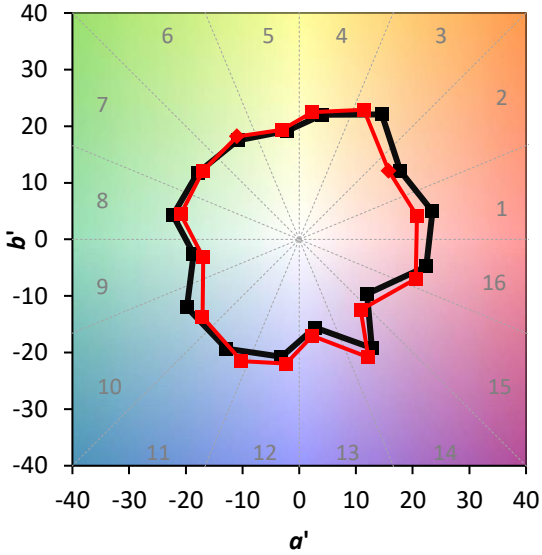
R_f = 84
R_g = 96.2
CIE R_a = 83.1
R_9 = 10.3

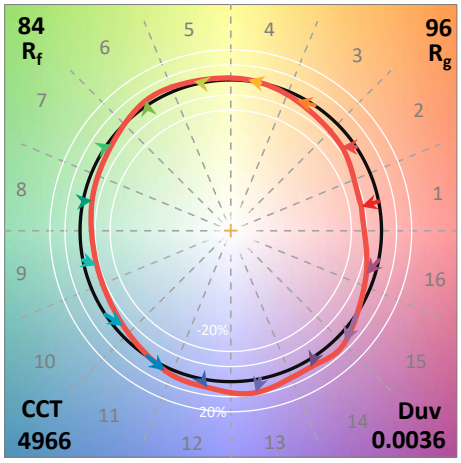
Spectral Power Distribution Comparison

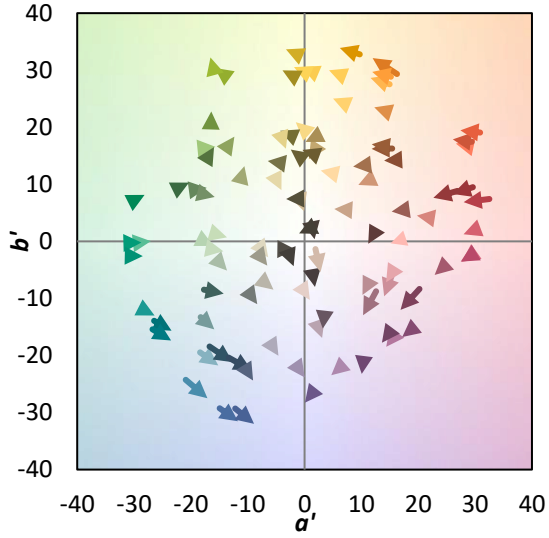


Color Vector Graphics









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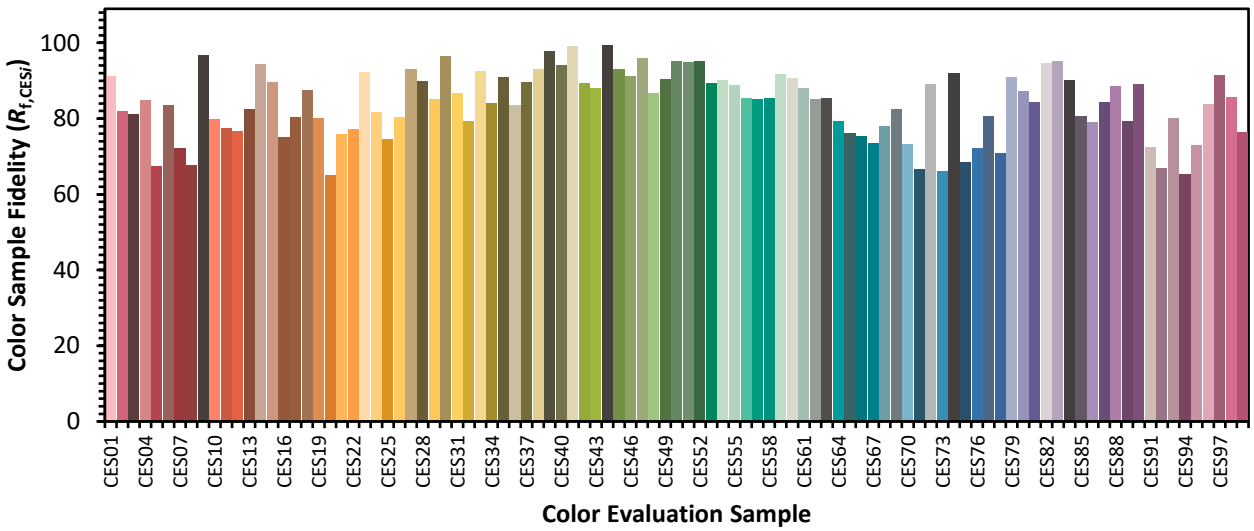
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 80	CES51 = 95	CES76 = 72
CES02 = 60	CES27 = 93	CES52 = 95	CES77 = 81
CES03 = 30	CES28 = 90	CES53 = 89	CES78 = 71
CES04 = 69	CES29 = 85	CES54 = 90	CES79 = 91
CES05 = 47	CES30 = 97	CES55 = 89	CES80 = 87
CES06 = 50	CES31 = 87	CES56 = 86	CES81 = 84
CES07 = 40	CES32 = 79	CES57 = 85	CES82 = 95
CES08 = 39	CES33 = 92	CES58 = 85	CES83 = 95
CES09 = 29	CES34 = 84	CES59 = 92	CES84 = 90
CES10 = 73	CES35 = 91	CES60 = 91	CES85 = 81
CES11 = 56	CES36 = 83	CES61 = 88	CES86 = 79
CES12 = 62	CES37 = 90	CES62 = 85	CES87 = 84
CES13 = 42	CES38 = 93	CES63 = 85	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 79	CES89 = 79
CES15 = 71	CES40 = 94	CES65 = 76	CES90 = 89
CES16 = 46	CES41 = 99	CES66 = 75	CES91 = 72
CES17 = 48	CES42 = 89	CES67 = 73	CES92 = 67
CES18 = 55	CES43 = 88	CES68 = 78	CES93 = 80
CES19 = 70	CES44 = 99	CES69 = 82	CES94 = 65
CES20 = 64	CES45 = 93	CES70 = 73	CES95 = 73
CES21 = 85	CES46 = 91	CES71 = 67	CES96 = 84
CES22 = 77	CES47 = 96	CES72 = 89	CES97 = 92
CES23 = 91	CES48 = 87	CES73 = 66	CES98 = 86
CES24 = 90	CES49 = 90	CES74 = 92	CES99 = 77
CES25 = 71	CES50 = 95	CES75 = 68	



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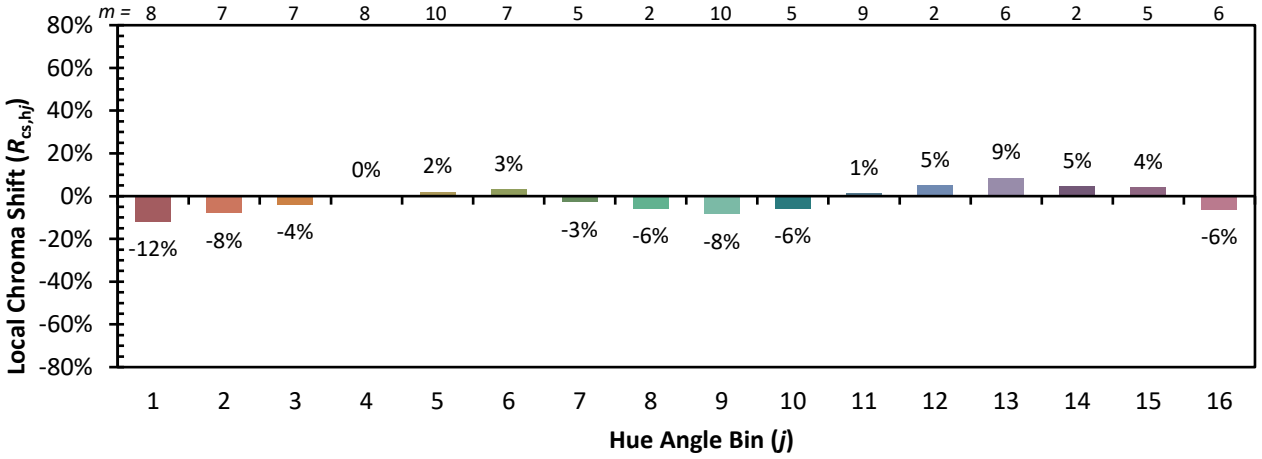
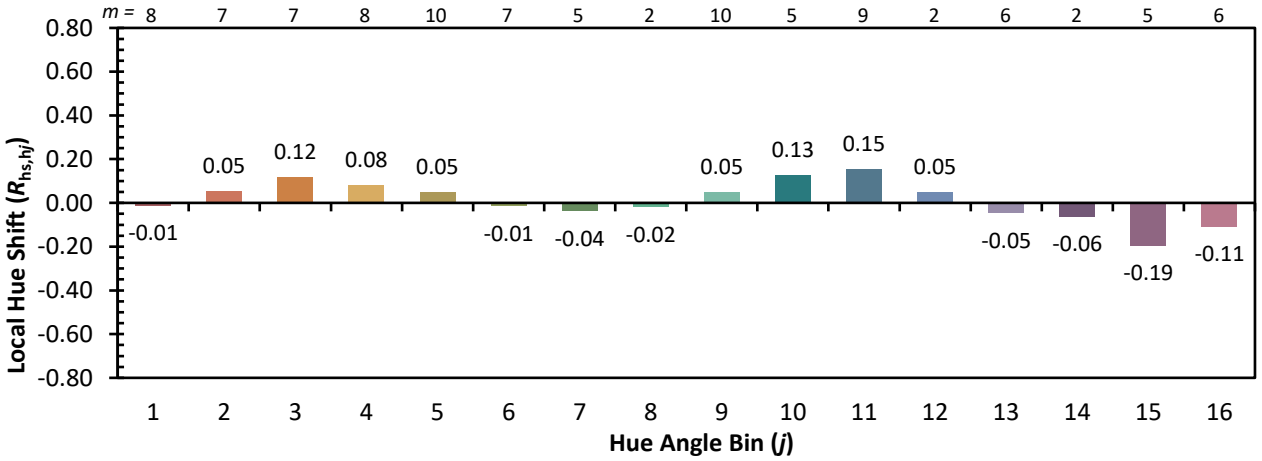
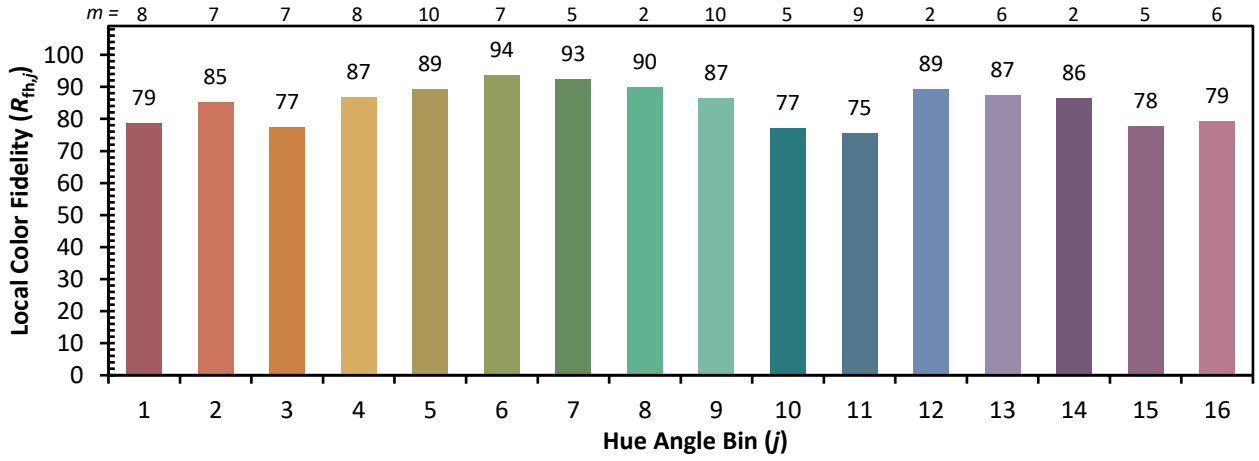
Color Rendition by Hue-Angle Bin







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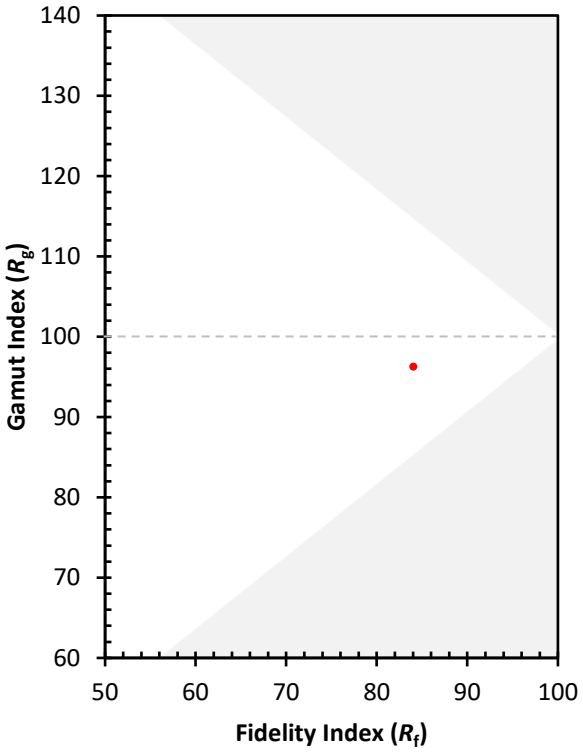
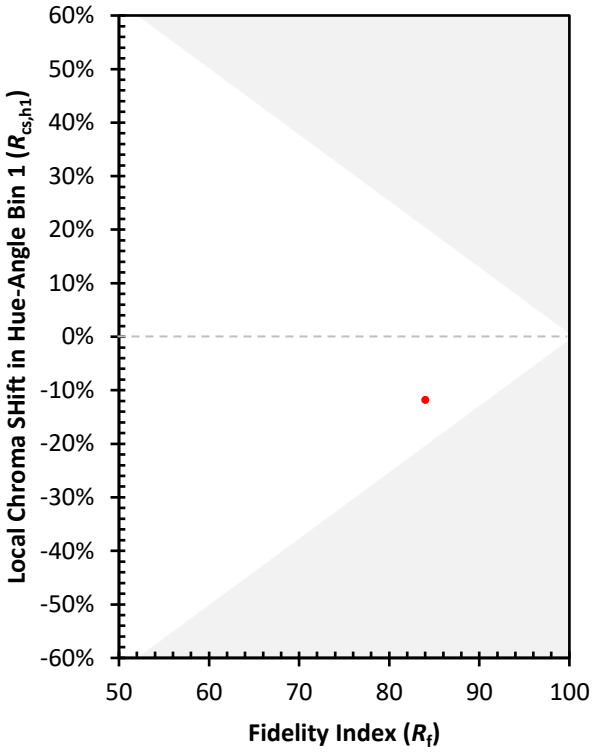
Measure Comparisons





(END OF REPORT)