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: METALUX

Report Number: P976656

Luminaire Tested: 22SR-LD2-C-25-UNV-L840-CD1-TB-U

Issue Date: 03/18/2025

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:	P976656
Test Lab:	INNOVATION CENTER(P3)
Issue Date:	03/18/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	22SR-LD2-C-25-UNV-L840-CD1-TB-U
Description:	METALUX SKYRIDGE 2x2 2500LM PACKAGE 80CRI 4000K TROFFER with Tahitian Blue SKYTRIM
Light Source:	4000K CCT, 80+ CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1731.0 lumens
Efficiency:	N/A
Efficacy:	96.7 lumens/watt
Spacing Criteria (0/90/45):	1.22 / 2.03 / 1.86
Luminous Opening:	Rectangular (W 2' x L: 2' x H: 0')
CIE Type:	Direct

Input Watts (W):	17.9
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:	28.75 FT

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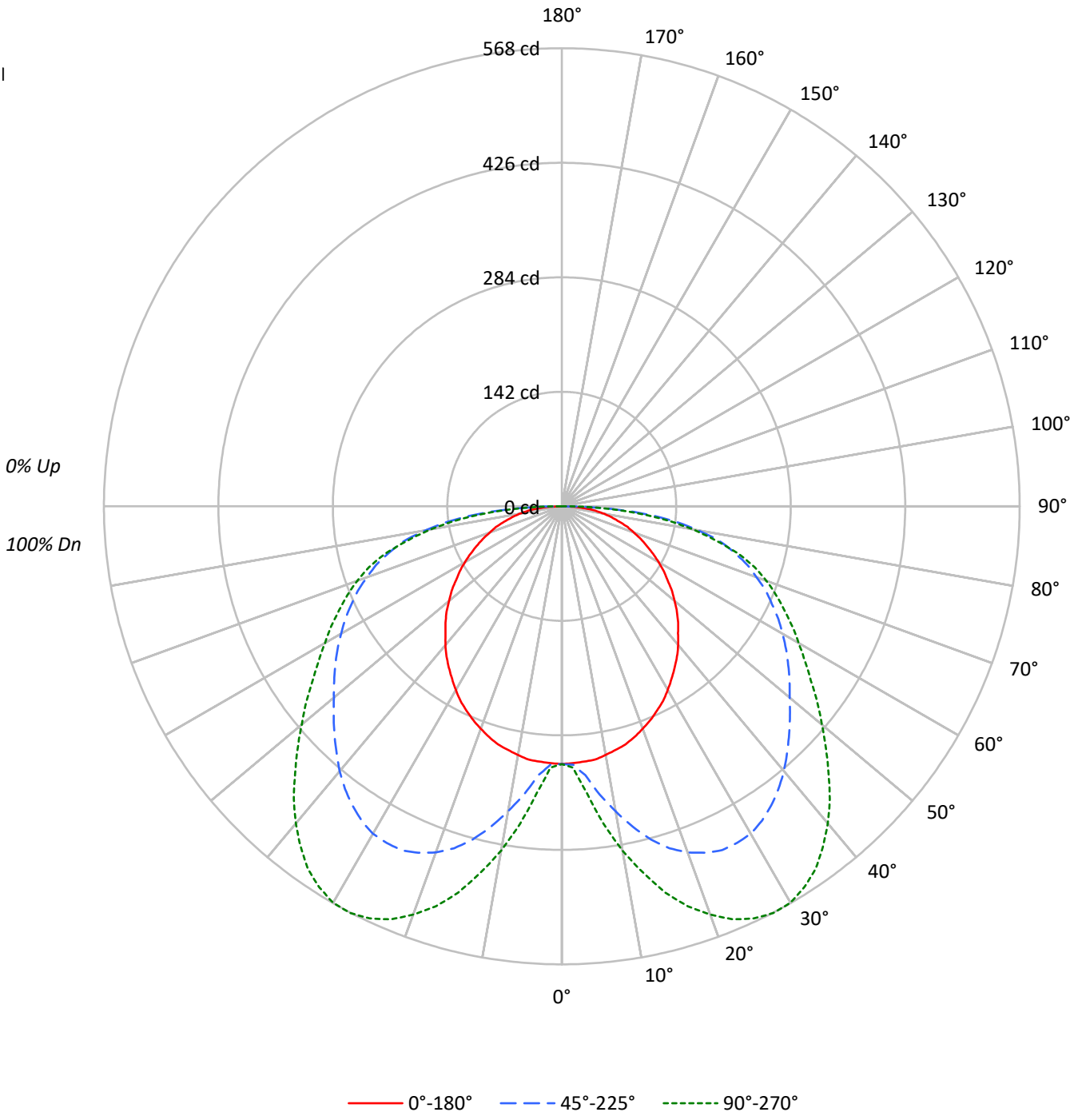
Luminous Intensity Polar Plot



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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	111	111	111	106	106	106	102	102	102	100
1	106	101	95	91	104	98	93	89	94	90	86	90	87	84	86	84	81	79
2	95	86	78	71	93	84	77	70	80	74	69	77	72	67	74	69	66	63
3	86	74	65	58	83	73	64	57	69	62	56	67	60	55	64	59	54	52
4	78	65	55	48	76	64	54	47	61	53	47	59	52	46	56	50	45	43
5	72	58	48	40	69	56	47	40	54	46	40	52	45	39	50	44	39	36
6	66	51	42	35	64	50	41	35	49	40	34	47	39	34	45	39	34	31
7	61	46	37	30	59	45	37	30	44	36	30	42	35	30	41	34	29	27
8	56	42	33	27	55	41	33	27	40	32	26	39	31	26	37	31	26	24
9	53	38	30	24	51	38	29	24	37	29	24	35	28	23	34	28	23	21
10	49	35	27	21	48	35	27	21	34	26	21	33	26	21	32	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	860	860	860
5°	858	904	964
10°	856	1049	1184
15°	851	1192	1381
20°	840	1308	1542
25°	830	1397	1674
30°	817	1457	1763
35°	802	1487	1803
40°	789	1506	1803
45°	776	1518	1780
50°	764	1545	1763
55°	752	1609	1771
60°	748	1701	1826
65°	741	1833	1940
70°	748	2023	2126
75°	766	2305	2355
80°	823	2672	2555
85°	892	3078	2791

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 50°
Vertical Angle: 87.5°
Luminance: 3276 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	1.9
10°-20°	117.7	6.8
20°-30°	206.9	12.0
30°-40°	268.5	15.5
40°-50°	288.2	16.7
50°-60°	279.6	16.2
60°-70°	252.6	14.6
70°-80°	199.0	11.5
80°-90°	84.9	4.9
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°	358.0	20.7
0°-40°	626.5	36.2
0°-60°	1194.4	69.0
0°-90°	1731.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1731.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	320	320	320	320	320	
5°	318	321	334	351	357	30
15°	306	353	428	479	496	86
25°	280	366	470	540	564	129
35°	244	345	453	525	549	153
45°	204	302	399	452	468	157
55°	160	259	343	373	377	144
65°	116	215	288	301	305	116
75°	74	161	222	225	226	78
85°	29	72	100	93	90	31
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	319.6	319.6	319.6	319.6	319.6	319.6	319.6	319.6	319.6	319.6	319.6
2.5°	318.7	318.7	318.7	318.7	319.6	318.7	319.6	320.6	320.6	320.6	321.5
5°	317.7	318.7	318.7	318.7	319.6	321.5	323.3	327.1	331.8	334.5	338.3
7.5°	316.8	316.8	316.8	318.7	322.4	328.9	336.4	344.8	353.1	360.6	368.1
10°	313.1	314.1	315.0	320.6	328.9	340.1	352.2	364.3	373.7	383.9	394.1
12.5°	309.4	310.4	314.1	323.3	337.3	352.2	366.2	381.2	396.0	407.2	420.3
15°	305.6	306.6	312.2	327.1	344.8	361.6	379.3	397.0	411.8	427.8	441.7
17.5°	300.0	301.0	310.4	329.9	349.5	369.9	389.5	410.1	427.8	444.5	459.4
20°	293.5	295.4	307.5	329.9	352.2	374.7	397.0	418.4	438.0	456.7	474.4
22.5°	287.0	289.8	304.7	329.9	354.1	378.3	402.6	424.9	445.5	465.0	483.6
25°	279.6	282.3	301.0	328.1	353.1	378.3	404.5	427.8	449.2	470.5	489.2
27.5°	*272.1*	*275.8*	*296.4*	*323.3*	*350.4*	*376.4*	*402.6*	*426.8*	*449.2*	*470.5*	*491.1*
30°	262.9	267.5	290.8	318.7	345.8	372.8	398.9	424.0	446.3	468.8	488.2
32.5°	253.5	259.0	283.3	311.2	339.3	366.2	392.4	417.4	439.9	462.2	482.7
35°	244.2	250.7	275.8	303.8	331.8	357.8	383.9	409.1	431.5	452.8	473.4
37.5°	234.8	241.3	266.5	294.4	322.4	348.5	373.7	398.0	421.2	441.7	461.3
40°	224.6	232.1	258.1	285.2	312.2	338.3	362.5	386.8	408.2	428.6	446.3
42.5°	213.4	222.7	247.9	274.8	301.0	326.2	350.4	373.7	395.1	413.8	430.5
45°	204.0	212.5	237.7	264.6	289.8	315.0	339.3	361.6	381.2	398.9	414.7
47.5°	193.8	203.2	227.4	254.4	279.6	302.9	327.1	347.6	367.2	383.9	398.9
50°	182.6	193.8	217.1	243.2	269.3	292.5	316.0	335.4	354.1	369.1	383.0
52.5°	172.4	183.6	207.8	233.0	258.1	282.3	302.9	323.3	341.0	356.0	368.1
55°	160.3	174.3	197.6	222.7	246.9	271.2	292.5	312.2	328.9	342.9	354.1
57.5°	150.1	164.0	187.3	212.5	236.7	260.0	281.4	300.0	316.8	329.9	339.3
60°	138.9	153.8	177.0	202.2	225.5	248.8	270.2	288.9	303.8	316.0	325.2
62.5°	127.6	143.5	166.8	191.1	214.4	237.7	259.0	276.7	290.8	302.9	310.4
65°	116.4	132.4	156.6	179.9	203.2	226.5	246.0	263.7	277.7	287.9	295.4
67.5°	106.2	122.0	145.3	167.8	192.0	213.4	233.8	250.7	263.7	274.0	279.6
70°	95.1	111.8	133.2	155.7	179.0	200.3	220.0	235.7	248.8	257.1	262.9
72.5°	85.7	100.6	121.2	142.6	164.9	186.3	205.0	221.7	233.0	241.3	245.1
75°	73.7	89.5	109.1	129.5	150.9	171.5	189.2	204.0	215.3	221.7	225.5
77.5°	63.3	79.3	97.0	114.7	135.1	154.7	171.5	185.5	195.7	201.3	203.2
80°	53.1	66.2	82.0	98.7	116.4	134.1	150.1	162.2	170.5	172.4	173.4
82.5°	41.9	52.2	65.2	80.1	95.1	109.1	123.0	131.4	138.9	139.7	139.7
85°	28.9	35.4	44.7	55.0	66.2	78.3	88.5	95.1	97.8	99.7	99.7
87.5°	14.8	17.7	22.3	26.1	32.5	41.0	46.6	47.5	50.3	51.2	53.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°
0°	319.6	319.6	319.6	319.6	319.6	319.6	319.6	*319.6*
2.5°	322.4	322.4	323.3	323.3	323.3	324.3	324.3	*324.3*
5°	342.9	345.8	349.5	353.1	354.1	357.0	357.0	*357.0*
7.5°	372.8	378.3	383.9	388.6	392.4	393.2	395.1	*397.0*
10°	403.5	410.1	418.4	423.0	425.9	429.5	430.5	*433.4*
12.5°	430.5	439.9	447.3	454.7	459.4	463.2	464.0	*465.0*
15°	452.8	465.0	475.3	482.7	487.4	491.1	494.8	*495.7*
17.5°	473.4	485.5	495.7	504.2	511.5	516.3	518.1	*520.0*
20°	489.2	502.3	513.4	522.8	530.2	535.0	537.7	*538.6*
22.5°	500.4	514.4	526.5	536.7	543.3	549.8	552.7	*554.4*
25°	506.9	521.9	535.0	545.2	553.5	559.1	562.9	*563.8*
27.5°	*508.8*	*524.6*	*537.7*	*548.9*	*557.3*	*562.9*	*566.6*	*568.5*
30°	506.9	522.8	536.7	547.9	556.3	561.9	565.6	*567.5*
32.5°	500.4	516.3	530.2	541.4	549.8	555.4	558.3	*560.0*
35°	490.2	506.0	520.0	530.2	537.7	544.2	546.9	*548.9*
37.5°	478.0	493.0	505.1	515.4	521.9	527.5	531.1	*532.1*
40°	462.2	476.1	487.4	497.6	504.2	508.8	511.5	*513.4*
42.5°	445.5	457.6	467.8	476.1	483.6	488.2	491.1	*492.1*
45°	428.6	438.9	448.2	455.7	460.3	465.0	466.9	*467.8*
47.5°	410.9	421.2	428.6	435.1	438.9	441.7	443.6	*444.5*
50°	394.1	402.6	409.1	413.8	416.6	419.3	421.2	*421.2*
52.5°	377.4	384.9	389.5	393.2	397.0	398.9	399.7	*399.7*
55°	362.5	367.2	371.8	373.7	374.7	375.5	377.4	*377.4*
57.5°	346.6	350.4	353.1	355.1	356.0	357.8	357.8	*357.8*
60°	330.8	333.7	334.5	336.4	337.3	338.3	339.3	*339.3*
62.5°	315.0	316.8	318.7	318.7	319.6	321.5	321.5	*322.4*
65°	298.3	300.0	301.0	301.9	302.9	303.8	304.7	*304.7*
67.5°	282.3	283.3	283.3	284.2	285.2	287.0	287.9	*287.9*
70°	264.6	264.6	264.6	265.6	266.5	268.4	269.3	*270.2*
72.5°	246.0	246.0	246.0	246.9	247.9	249.8	250.7	*250.7*
75°	225.5	225.5	224.6	225.5	224.6	225.5	224.6	*226.5*
77.5°	201.3	198.4	197.6	196.7	194.8	195.7	194.8	*195.7*
80°	171.5	168.6	165.9	164.9	164.9	164.0	163.0	*164.9*
82.5°	137.0	134.1	132.4	131.4	131.4	131.4	132.4	*130.5*
85°	97.8	95.1	93.2	93.2	91.4	91.4	91.4	*90.4*
87.5°	48.5	50.3	49.4	49.4	46.6	44.7	45.6	*45.6*
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*

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Scaled Data Report

TEST NUMBER: P976656
CATALOG NUMBER: 22SR-LD2-C-25-UNV-L840-CD1-TB-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	11.7	13.5	12.1	13.8	14.1	14.8	16.5	15.1	16.9	17.2
	3H	13.6	15.2	14.0	15.6	15.9	17.4	19.0	17.7	19.3	19.7
	4H	14.4	15.9	14.8	16.3	16.6	18.6	20.1	19.0	20.5	20.8
	6H	15.0	16.5	15.4	16.8	17.2	19.6	21.1	20.1	21.4	21.8
	8H	15.3	16.6	15.7	17.0	17.4	20.1	21.5	20.5	21.8	22.2
	12H	15.5	16.8	15.9	17.2	17.6	20.4	21.8	20.9	22.1	22.6
4H	2H	13.5	15.0	13.9	15.4	15.7	15.5	17.1	15.9	17.4	17.8
	3H	15.9	17.2	16.3	17.6	18.0	18.4	19.7	18.8	20.1	20.5
	4H	16.9	18.1	17.3	18.5	18.9	19.8	21.0	20.2	21.4	21.9
	6H	17.7	18.8	18.2	19.2	19.7	21.0	22.1	21.5	22.5	23.0
	8H	18.0	19.0	18.5	19.5	19.9	21.6	22.6	22.0	23.0	23.5
	12H	18.2	19.1	18.7	19.6	20.1	22.0	22.9	22.5	23.4	23.9
8H	4H	18.1	19.1	18.6	19.6	20.0	20.3	21.3	20.8	21.8	22.2
	6H	19.3	20.2	19.8	20.7	21.1	21.8	22.6	22.3	23.1	23.6
	8H	19.8	20.6	20.3	21.1	21.6	22.4	23.2	22.9	23.7	24.2
	12H	20.2	20.8	20.7	21.3	21.9	23.0	23.7	23.5	24.2	24.7
12H	4H	18.3	19.3	18.8	19.7	20.2	20.4	21.3	20.9	21.8	22.3
	6H	19.7	20.5	20.3	21.0	21.5	22.0	22.7	22.5	23.2	23.7
	8H	20.4	21.1	20.9	21.5	22.1	22.7	23.4	23.2	23.9	24.4

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-457-7

Test Date: 07/02/2025

Luminaire Tested: 24SR-LD2-64-C-UNV-L940-CD1-U

Data in this report applies to families of products including 24SR-LD2-64-C-UNV-L940-CD1-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

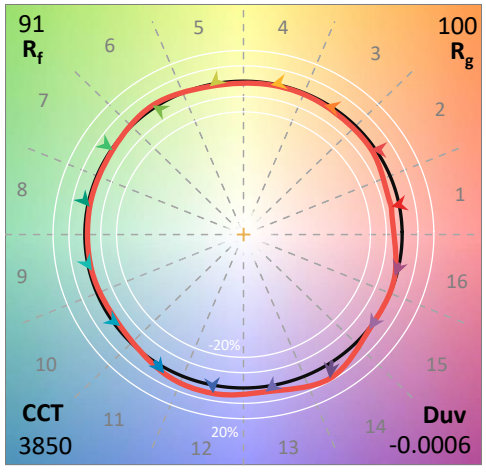
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-457-7
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/02/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**24SR-LD2-64-C-UNV-L940-CD1-U**
Description:	2X4 SKYRIDGE 6400LM Fixture with new LTN chip

Spectral Parameters

CCT (K):	3850
CIE u':	0.2283
CIE v':	0.5037
Duv:	-0.0006
CIE x:	0.3868
CIE y:	0.3794
CIE z:	0.2338
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	579
Purity:	29.94798
Rf:	91.3
Rg:	99.8

CRI (Ra):	94.0
R1:	95.3
R2:	96.3
R3:	95.7
R4:	95.2
R5:	94.4
R6:	94.3
R7:	94.1
R8:	86.7
R9:	65.3
R10:	89.6
R11:	95.5
R12:	76.1
R13:	95.5
R14:	96.8
R15:	92.3



Test Conditions

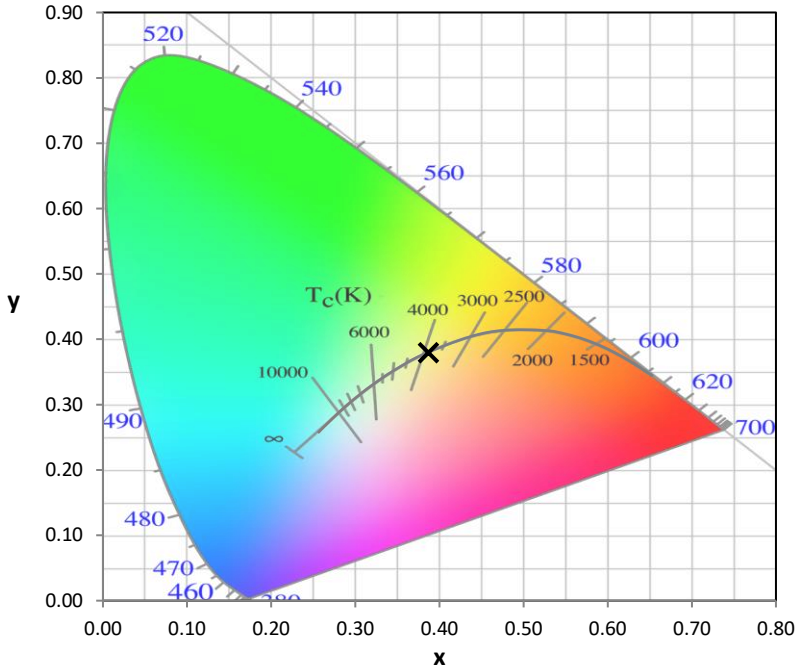
Stabilization Time:	38M
Operation Time:	1H 38M
Sphere Temperature (°C):	24.4

REPORT NUMBER: SP1-2506-457-7

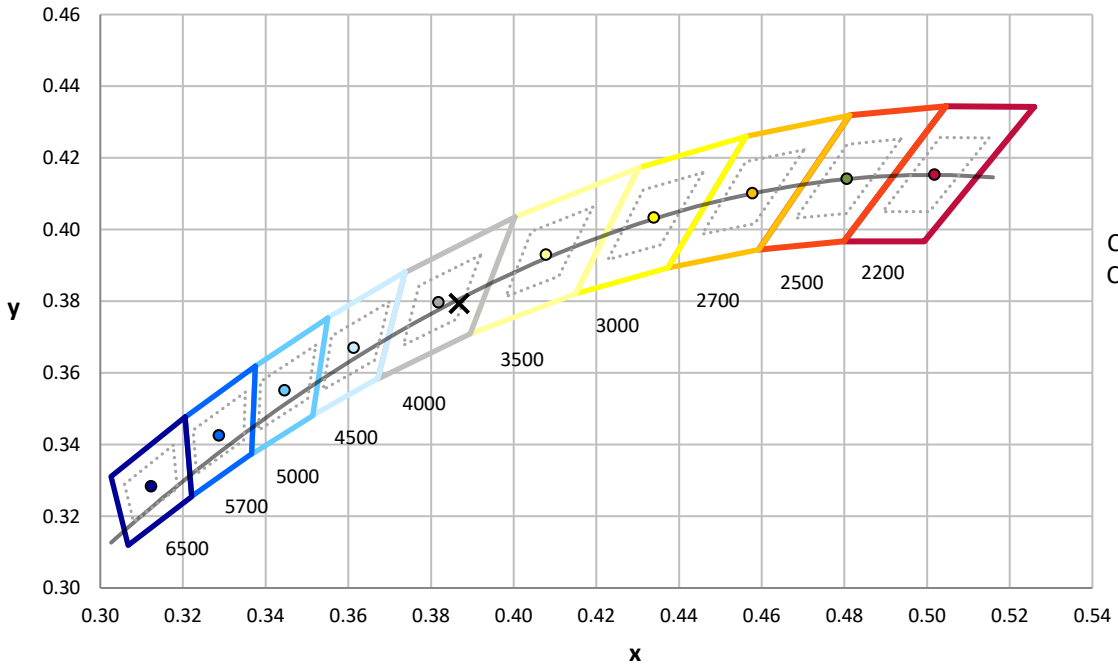
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-457-7

CIE 1931 Chromaticity Diagram



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



CCT = 3850K
CIE x = 0.3868
CIE y = 0.3794
Duv = -0.0006

Point lies inside the ANSI 4000K 4-step quadrangle

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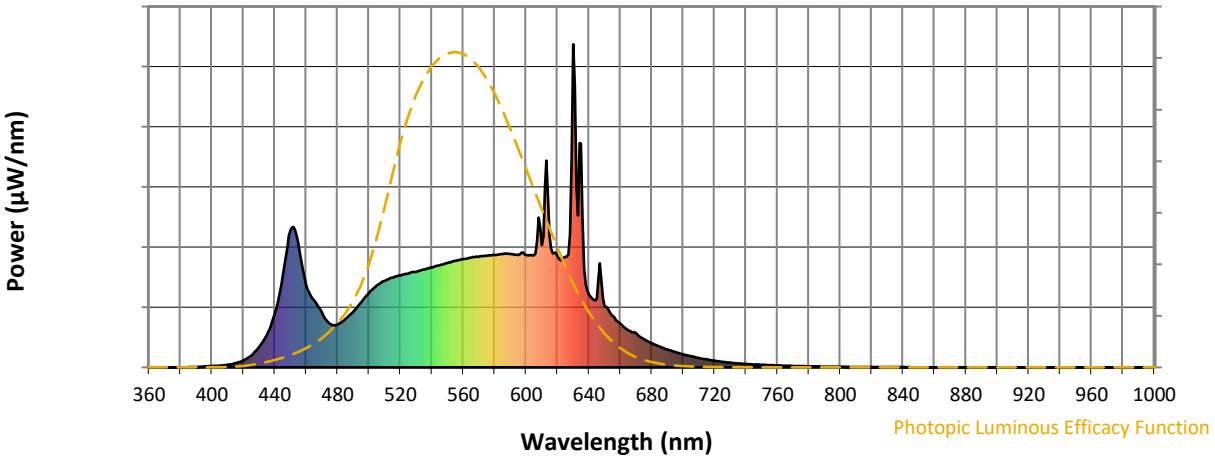
Photopic Flux vs. Wavelength



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	173	NR	620	343	NR	750	8	NR	880	0	NR
365	0	NR	495	201	NR	625	342	NR	755	7	NR	885	0	NR
370	0	NR	500	231	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	253	NR	635	692	NR	765	5	NR	895	0	NR
380	0	NR	510	268	NR	640	226	NR	770	4	NR	900	0	NR
385	1	NR	515	277	NR	645	214	NR	775	4	NR	905	0	NR
390	1	NR	520	284	NR	650	190	NR	780	3	NR	910	0	NR
395	3	NR	525	290	NR	655	160	NR	785	3	NR	915	0	NR
400	4	NR	530	296	NR	660	136	NR	790	2	NR	920	0	NR
405	5	NR	535	303	NR	665	115	NR	795	2	NR	925	0	NR
410	8	NR	540	310	NR	670	106	NR	800	2	NR	930	0	NR
415	13	NR	545	316	NR	675	87	NR	805	2	NR	935	0	NR
420	22	NR	550	323	NR	680	75	NR	810	1	NR	940	0	NR
425	37	NR	555	330	NR	685	64	NR	815	1	NR	945	0	NR
430	62	NR	560	335	NR	690	55	NR	820	1	NR	950	0	NR
435	102	NR	565	340	NR	695	47	NR	825	1	NR	955	0	NR
440	164	NR	570	342	NR	700	40	NR	830	1	NR	960	0	NR
445	281	NR	575	345	NR	705	34	NR	835	1	NR	965	0	NR
450	423	NR	580	348	NR	710	29	NR	840	1	NR	970	0	NR
455	384	NR	585	350	NR	715	25	NR	845	1	NR	975	0	NR
460	256	NR	590	351	NR	720	21	NR	850	0	NR	980	0	NR
465	208	NR	595	348	NR	725	17	NR	855	0	NR	985	0	NR
470	169	NR	600	348	NR	730	14	NR	860	0	NR	990	0	NR
475	135	NR	605	347	NR	735	12	NR	865	0	NR	995	0	NR
480	133	NR	610	379	NR	740	11	NR	870	0	NR	1000	0	NR
485	149	NR	615	406	NR	745	9	NR	875	0	NR			

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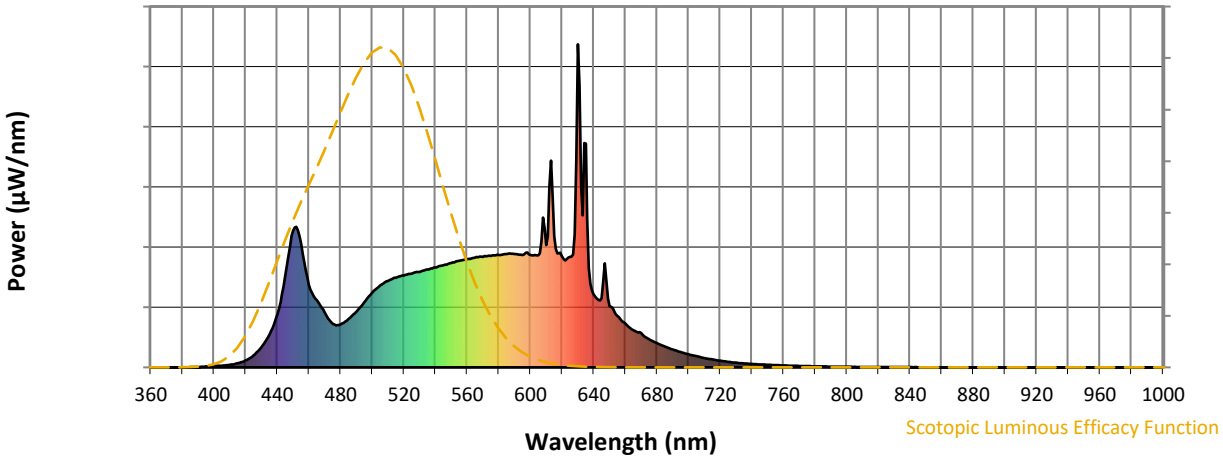
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.74**

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	173	NR	620	343	NR	750	8	NR	880	0	NR
365	0	NR	495	201	NR	625	342	NR	755	7	NR	885	0	NR
370	0	NR	500	231	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	253	NR	635	692	NR	765	5	NR	895	0	NR
380	0	NR	510	268	NR	640	226	NR	770	4	NR	900	0	NR
385	1	NR	515	277	NR	645	214	NR	775	4	NR	905	0	NR
390	1	NR	520	284	NR	650	190	NR	780	3	NR	910	0	NR
395	3	NR	525	290	NR	655	160	NR	785	3	NR	915	0	NR
400	4	NR	530	296	NR	660	136	NR	790	2	NR	920	0	NR
405	5	NR	535	303	NR	665	115	NR	795	2	NR	925	0	NR
410	8	NR	540	310	NR	670	106	NR	800	2	NR	930	0	NR
415	13	NR	545	316	NR	675	87	NR	805	2	NR	935	0	NR
420	22	NR	550	323	NR	680	75	NR	810	1	NR	940	0	NR
425	37	NR	555	330	NR	685	64	NR	815	1	NR	945	0	NR
430	62	NR	560	335	NR	690	55	NR	820	1	NR	950	0	NR
435	102	NR	565	340	NR	695	47	NR	825	1	NR	955	0	NR
440	164	NR	570	342	NR	700	40	NR	830	1	NR	960	0	NR
445	281	NR	575	345	NR	705	34	NR	835	1	NR	965	0	NR
450	423	NR	580	348	NR	710	29	NR	840	1	NR	970	0	NR
455	384	NR	585	350	NR	715	25	NR	845	1	NR	975	0	NR
460	256	NR	590	351	NR	720	21	NR	850	0	NR	980	0	NR
465	208	NR	595	348	NR	725	17	NR	855	0	NR	985	0	NR
470	169	NR	600	348	NR	730	14	NR	860	0	NR	990	0	NR
475	135	NR	605	347	NR	735	12	NR	865	0	NR	995	0	NR
480	133	NR	610	379	NR	740	11	NR	870	0	NR	1000	0	NR
485	149	NR	615	406	NR	745	9	NR	875	0	NR			

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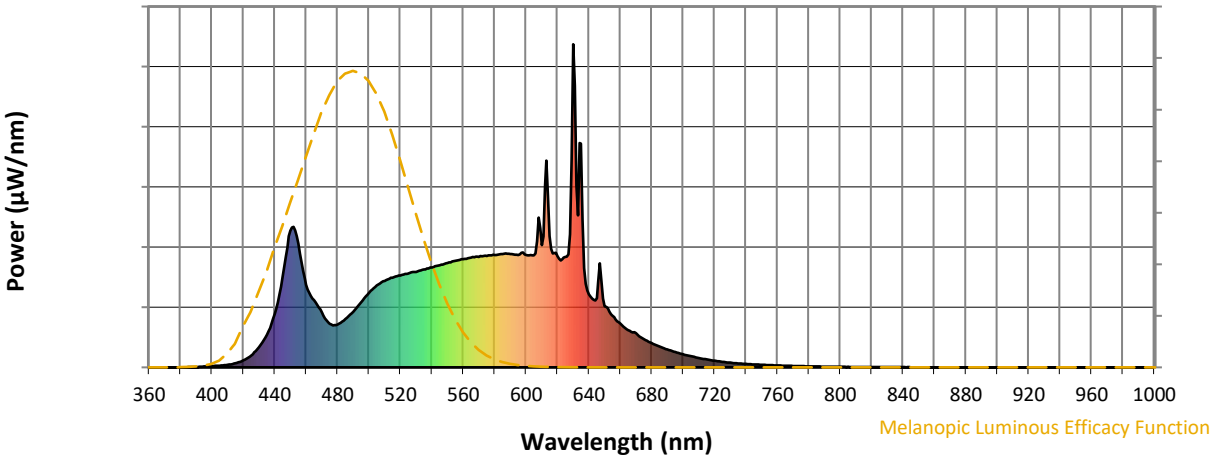
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.6**

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	173	NR	620	343	NR	750	8	NR	880	0	NR
365	0	NR	495	201	NR	625	342	NR	755	7	NR	885	0	NR
370	0	NR	500	231	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	253	NR	635	692	NR	765	5	NR	895	0	NR
380	0	NR	510	268	NR	640	226	NR	770	4	NR	900	0	NR
385	1	NR	515	277	NR	645	214	NR	775	4	NR	905	0	NR
390	1	NR	520	284	NR	650	190	NR	780	3	NR	910	0	NR
395	3	NR	525	290	NR	655	160	NR	785	3	NR	915	0	NR
400	4	NR	530	296	NR	660	136	NR	790	2	NR	920	0	NR
405	5	NR	535	303	NR	665	115	NR	795	2	NR	925	0	NR
410	8	NR	540	310	NR	670	106	NR	800	2	NR	930	0	NR
415	13	NR	545	316	NR	675	87	NR	805	2	NR	935	0	NR
420	22	NR	550	323	NR	680	75	NR	810	1	NR	940	0	NR
425	37	NR	555	330	NR	685	64	NR	815	1	NR	945	0	NR
430	62	NR	560	335	NR	690	55	NR	820	1	NR	950	0	NR
435	102	NR	565	340	NR	695	47	NR	825	1	NR	955	0	NR
440	164	NR	570	342	NR	700	40	NR	830	1	NR	960	0	NR
445	281	NR	575	345	NR	705	34	NR	835	1	NR	965	0	NR
450	423	NR	580	348	NR	710	29	NR	840	1	NR	970	0	NR
455	384	NR	585	350	NR	715	25	NR	845	1	NR	975	0	NR
460	256	NR	590	351	NR	720	21	NR	850	0	NR	980	0	NR
465	208	NR	595	348	NR	725	17	NR	855	0	NR	985	0	NR
470	169	NR	600	348	NR	730	14	NR	860	0	NR	990	0	NR
475	135	NR	605	347	NR	735	12	NR	865	0	NR	995	0	NR
480	133	NR	610	379	NR	740	11	NR	870	0	NR	1000	0	NR
485	149	NR	615	406	NR	745	9	NR	875	0	NR			

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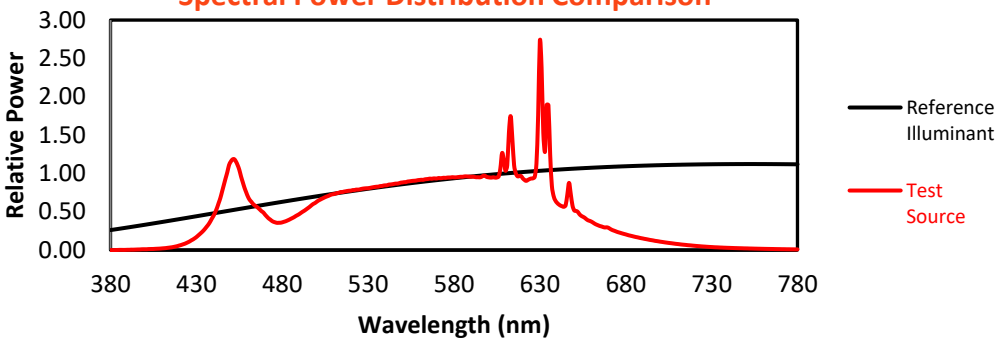
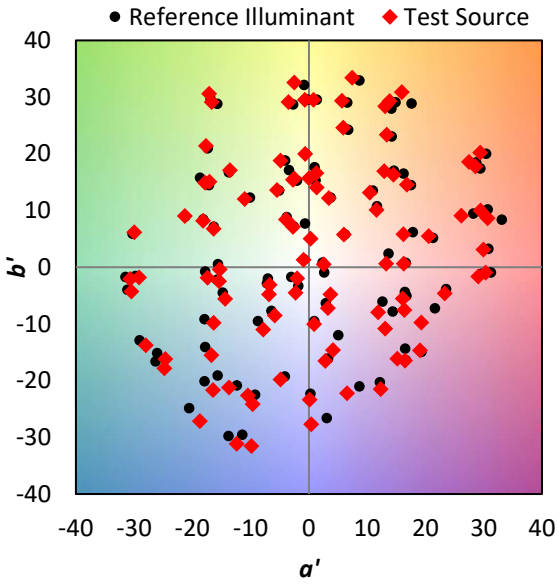
Summary

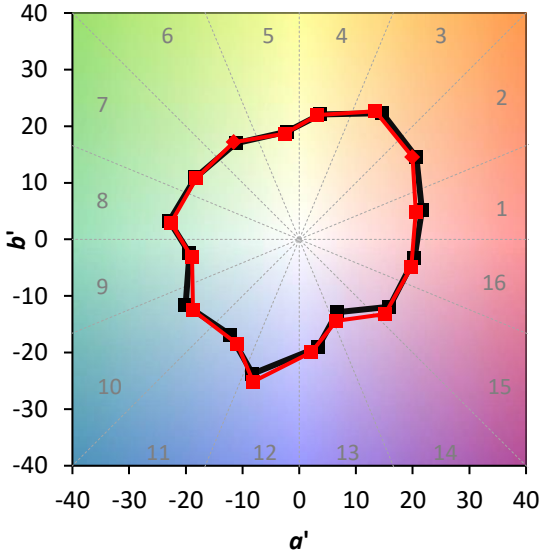
R_f = 91.3
R_g = 99.8
CIE R_a = 94.0
R_9 = 65.3

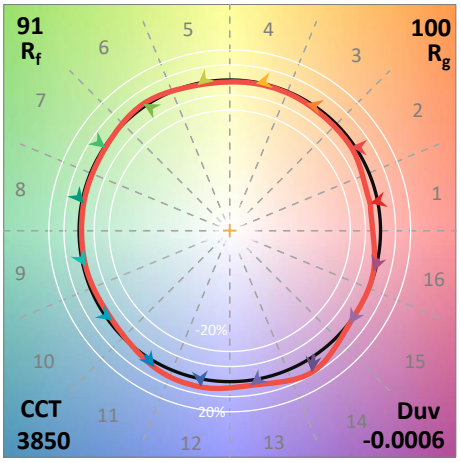
Spectral Power Distribution Comparison

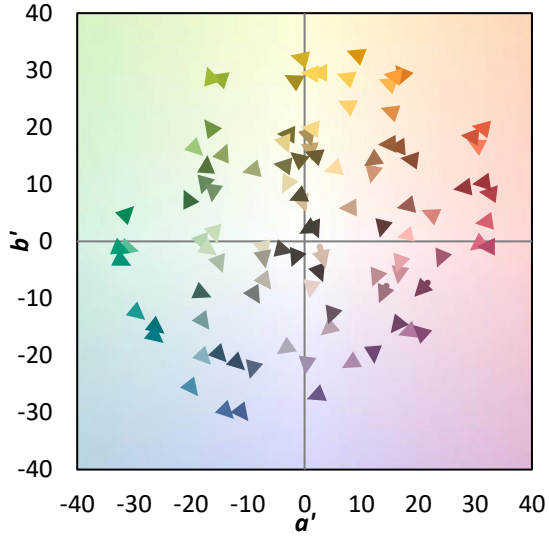


Color Vector Graphics









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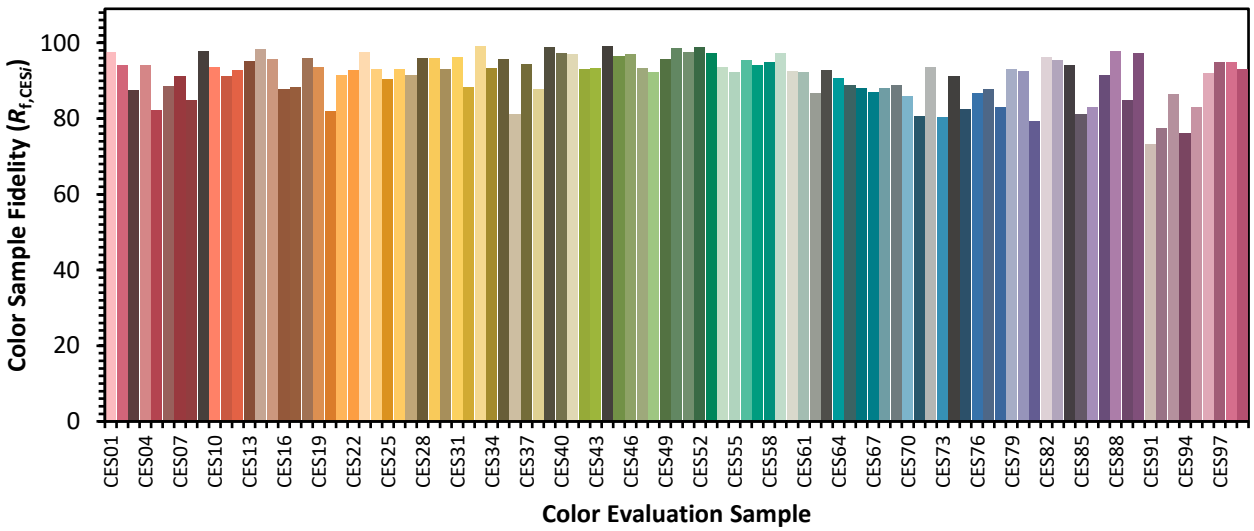
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 98	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 99	CES77 = 88
CES03 = 31	CES28 = 96	CES53 = 97	CES78 = 83
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 92
CES06 = 50	CES31 = 96	CES56 = 95	CES81 = 79
CES07 = 42	CES32 = 88	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 95
CES09 = 29	CES34 = 93	CES59 = 97	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 81
CES11 = 57	CES36 = 81	CES61 = 92	CES86 = 83
CES12 = 63	CES37 = 94	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 93	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 85
CES15 = 71	CES40 = 97	CES65 = 89	CES90 = 97
CES16 = 47	CES41 = 97	CES66 = 88	CES91 = 73
CES17 = 49	CES42 = 93	CES67 = 87	CES92 = 77
CES18 = 56	CES43 = 93	CES68 = 88	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 76
CES20 = 66	CES45 = 96	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 93	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 92	CES73 = 80	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 91	CES99 = 93
CES25 = 71	CES50 = 98	CES75 = 83	



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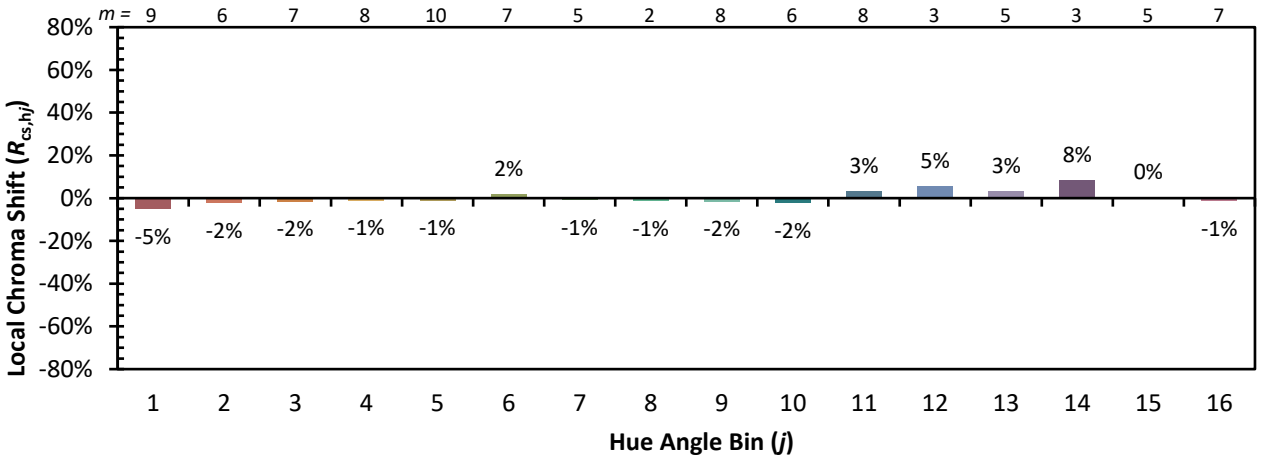
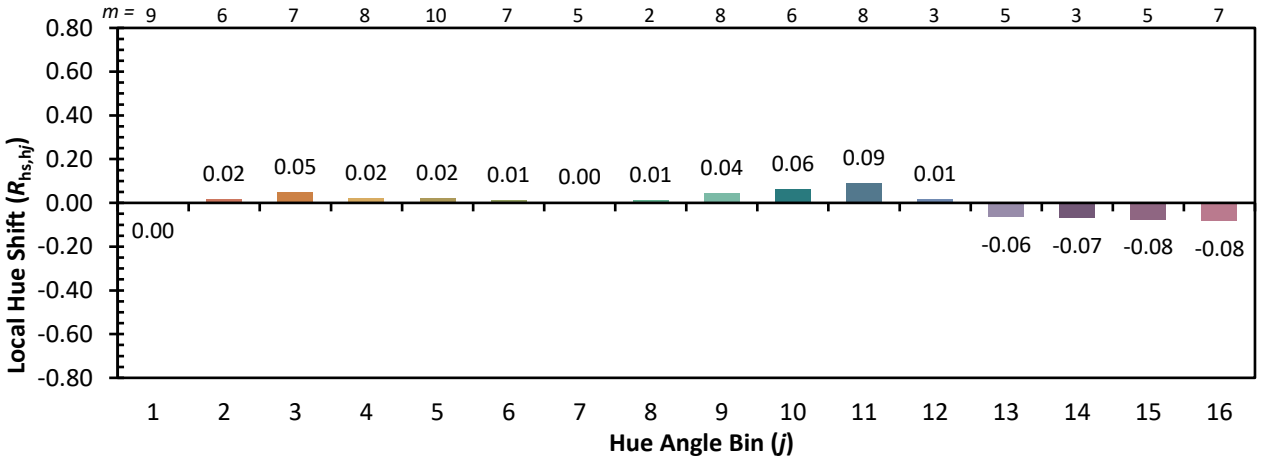
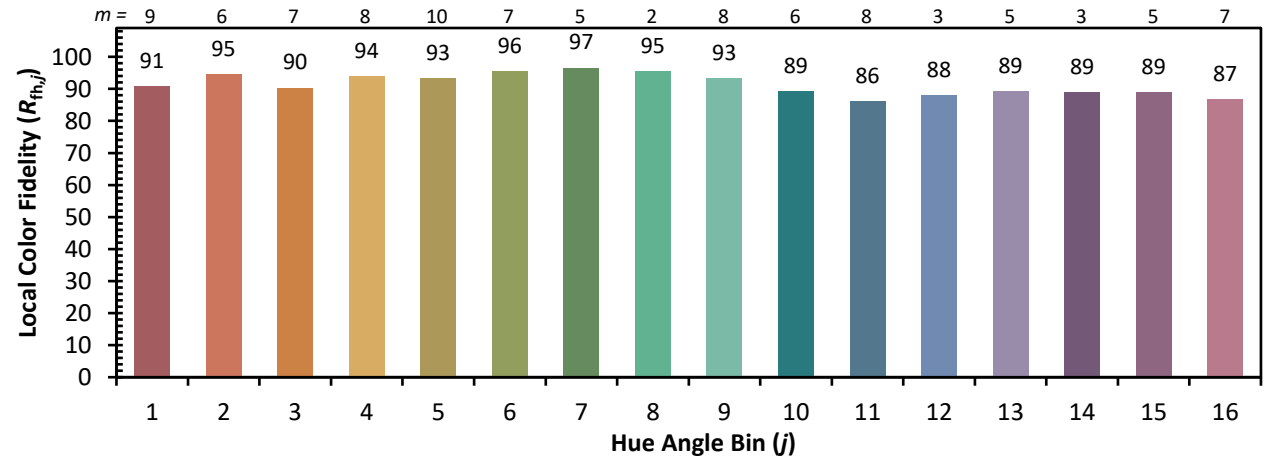
Color Rendition by Hue-Angle Bin







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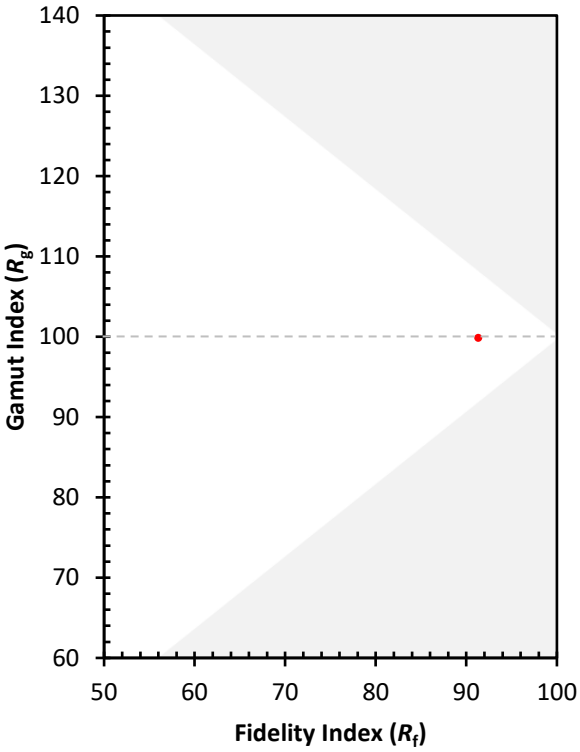
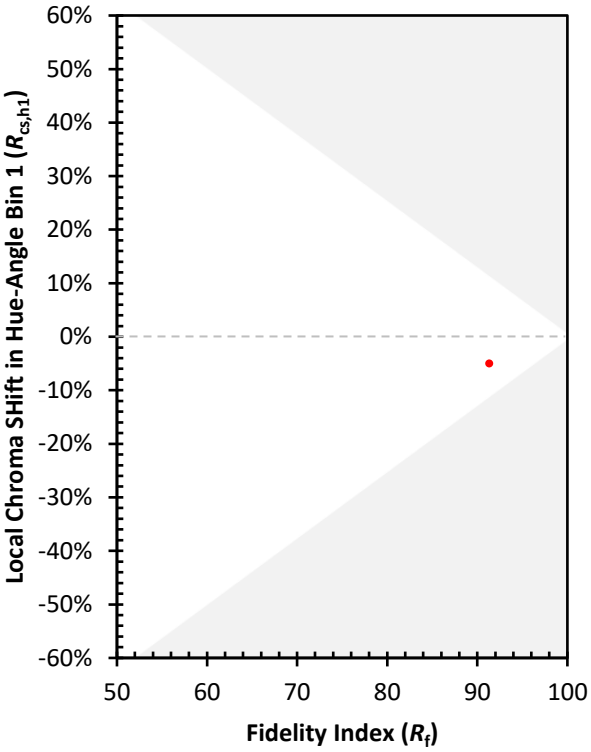
Measure Comparisons





(END OF REPORT)