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: P977089

Luminaire Tested: 24SR-LD2-C-29-UNV-L930-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:	P977089
Test Lab:	INNOVATION CENTER(P3)
Issue Date:	03/18/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	24SR-LD2-C-29-UNV-L930-CD1-TB-U
Description:	METALUX SKYRIDGE 2x4 2900LM PACKAGE 90CRI 3000K TROFFER with Tahitian Blue SKYTRIM
Light Source:	3000K CCT, 90+ CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1907.0 lumens
Efficiency:	N/A
Efficacy:	96.3 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 2.07 / 1.9
Luminous Opening:	Rectangular (W 2' x L: 4' x H: 0')
CIE Type:	Direct

Input Watts (W):	19.8
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:	28.75 FT

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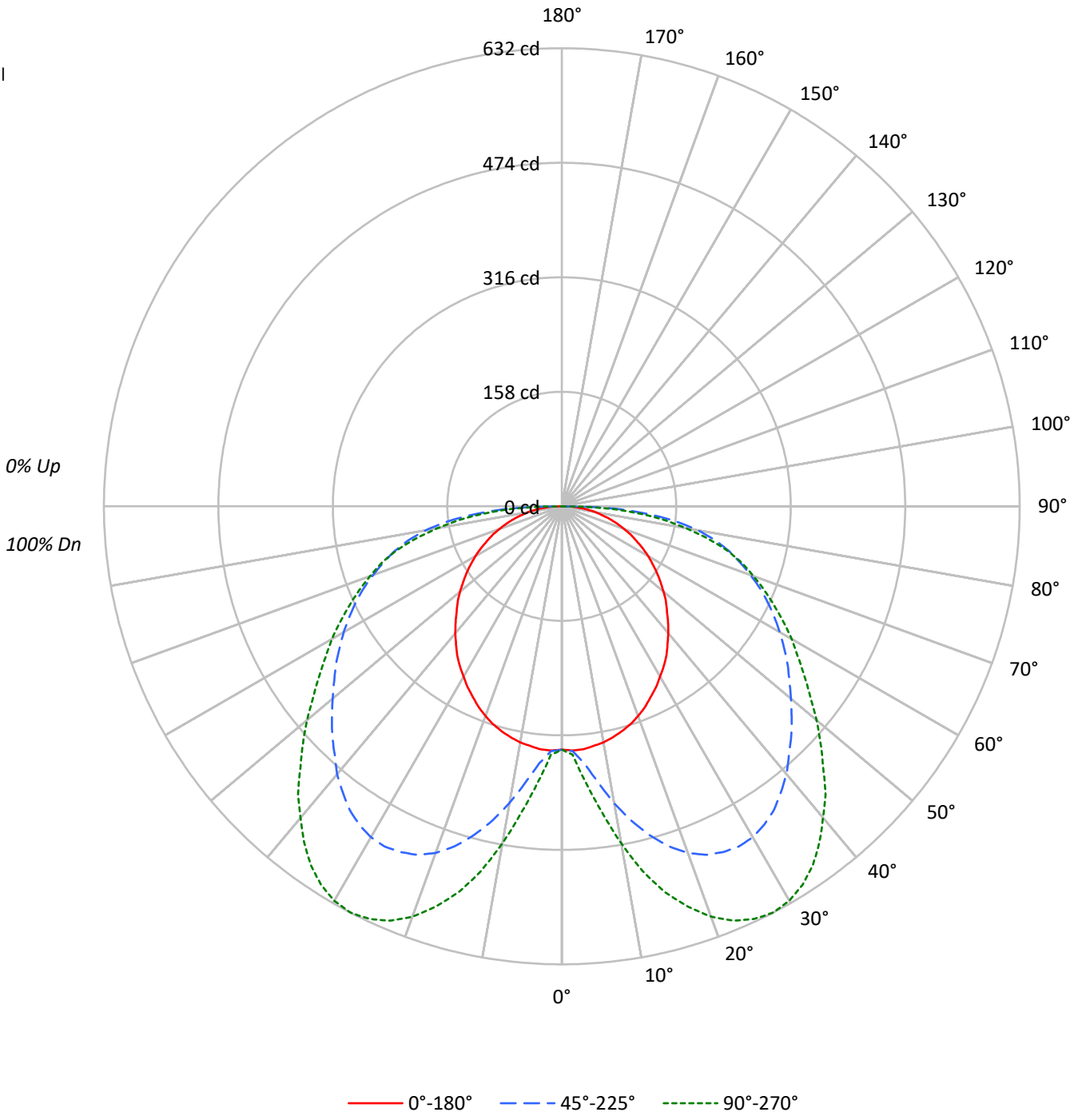
Luminous Intensity Polar Plot



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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	100	95	91	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	95	86	78	71	93	84	77	70	80	74	69	77	72	67	74	69	65	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°	452	452	452
5°	454	480	517
10°	452	568	645
15°	447	655	768
20°	441	729	863
25°	431	781	933
30°	421	819	976
35°	413	839	992
40°	402	847	985
45°	391	852	971
50°	384	864	961
55°	376	893	959
60°	371	935	986
65°	364	999	1029
70°	361	1090	1107
75°	359	1242	1231
80°	370	1477	1352
85°	408	1834	1584

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°
Vertical Angle: 87.5°
Luminance: 2215 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	1.9
10°-20°	129.1	6.8
20°-30°	230.0	12.1
30°-40°	298.3	15.6
40°-50°	318.1	16.7
50°-60°	305.9	16.0
60°-70°	273.8	14.4
70°-80°	215.5	11.3
80°-90°	100.5	5.3
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°	394.9	20.7
0°-40°	693.2	36.4
0°-60°	1317.2	69.1
0°-90°	1907.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1907.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	336	336	336	336	336	
5°	336	340	356	375	383	32
15°	321	382	470	531	551	91
25°	290	406	526	606	628	134
35°	252	386	511	584	604	157
45°	205	337	448	500	510	159
55°	160	289	380	405	409	143
65°	114	245	314	320	323	114
75°	69	189	239	236	237	73
85°	26	100	119	106	103	28
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°	335.7	335.7	335.7	335.7	335.7	335.7	335.7	335.7	335.7	335.7	335.7
2.5°	337.2	337.2	336.5	336.5	337.2	337.2	337.2	337.2	338.0	338.0	338.7
5°	336.5	335.7	335.7	337.2	339.4	341.6	343.8	347.5	350.4	355.6	360.0
7.5°	333.6	333.6	335.0	338.7	343.8	351.1	359.2	368.0	376.1	384.2	393.6
10°	330.6	330.6	334.2	340.9	351.1	364.3	377.6	390.8	403.2	415.6	425.9
12.5°	326.3	326.9	332.9	344.6	361.4	379.7	396.6	413.5	430.3	444.2	459.6
15°	321.1	322.6	331.4	348.9	370.9	392.9	413.5	434.0	453.0	469.9	486.1
17.5°	315.2	317.5	329.9	352.6	378.2	403.2	428.9	452.3	472.9	491.9	510.2
20°	307.9	311.6	328.4	355.6	384.2	412.8	439.9	464.8	488.2	508.8	529.3
22.5°	299.8	304.3	325.5	356.2	387.8	418.6	448.7	474.3	499.2	520.5	541.7
25°	290.3	296.9	322.6	355.6	389.3	422.2	453.0	479.5	505.1	526.3	549.8
27.5°	*281.5*	*288.9*	*317.5*	*352.6*	*387.8*	*422.2*	*453.0*	*480.9*	*507.3*	*529.3*	*552.0*
30°	271.2	280.8	312.3	348.3	384.2	418.6	450.2	478.0	503.6	527.1	550.6
32.5°	261.7	272.0	304.3	340.9	377.6	412.0	444.2	471.4	497.0	520.5	543.2
35°	251.5	261.7	295.5	333.6	368.8	403.2	434.0	461.8	486.8	510.9	532.2
37.5°	239.7	251.5	285.9	323.3	357.7	392.3	422.2	449.4	474.3	497.0	517.5
40°	228.7	241.2	275.0	312.3	346.8	379.7	409.0	434.7	458.9	482.4	500.7
42.5°	217.0	230.2	264.7	300.6	334.2	365.8	393.6	420.1	443.6	464.1	482.4
45°	205.3	219.9	253.6	288.9	321.1	352.6	380.5	404.7	427.4	447.9	463.3
47.5°	195.0	209.6	241.9	277.1	309.4	339.4	366.5	390.0	412.0	430.3	445.7
50°	183.3	197.9	231.0	265.4	296.9	326.9	352.6	375.4	395.9	412.8	427.4
52.5°	171.6	187.6	219.9	254.4	285.9	314.5	340.2	362.2	380.5	395.9	408.3
55°	160.5	176.7	209.6	243.4	275.0	303.5	327.7	348.9	366.5	380.5	390.0
57.5°	148.8	166.4	200.2	233.8	264.7	291.7	316.0	335.7	351.9	363.6	371.6
60°	137.8	156.2	190.6	223.6	254.4	281.5	304.3	323.3	337.2	347.5	354.1
62.5°	126.1	145.9	180.3	213.3	243.4	270.5	291.7	309.4	322.6	330.6	335.0
65°	114.3	135.7	170.1	203.0	232.4	258.1	278.6	294.7	306.4	313.7	317.5
67.5°	103.4	125.4	159.8	192.1	220.7	244.9	264.7	280.1	290.3	296.2	297.6
70°	91.7	114.3	148.8	180.3	208.2	231.0	250.0	263.2	272.7	277.1	278.6
72.5°	80.6	103.4	137.1	167.9	194.3	215.6	233.8	247.0	255.1	258.1	258.1
75°	69.0	91.7	124.6	153.9	178.2	199.4	216.3	228.0	235.3	238.9	237.6
77.5°	57.2	79.9	111.4	138.5	160.5	179.7	196.4	207.5	214.8	217.0	215.6
80°	47.7	68.2	96.0	121.0	141.5	159.0	174.5	185.5	192.1	190.6	187.0
82.5°	36.7	55.7	79.9	101.1	119.5	136.3	151.0	159.8	161.3	158.3	153.9
85°	26.4	41.0	60.9	77.7	93.8	106.3	116.6	122.4	122.4	118.8	115.8
87.5°	15.4	24.2	35.2	47.0	54.3	62.3	70.3	71.8	71.8	71.8	68.2
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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CATALOG NUMBER: 24SR-LD2-C-29-UNV-L930-CD1-TB-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°
0°	335.7	335.7	335.7	335.7	335.7	335.7	335.7	*335.7*
2.5°	340.9	341.6	342.3	343.1	343.8	343.8	343.8	*343.1*
5°	364.3	368.8	372.4	376.8	378.2	379.7	381.2	*382.7*
7.5°	401.7	407.6	413.5	419.3	423.0	427.4	425.9	*425.9*
10°	437.6	448.7	455.3	462.6	466.2	470.7	472.9	*472.1*
12.5°	472.9	485.3	494.9	501.5	507.3	511.7	513.2	*515.4*
15°	502.9	515.4	527.1	535.2	542.5	546.8	549.8	*551.3*
17.5°	527.8	540.3	553.5	563.7	570.3	576.2	577.7	*579.1*
20°	546.2	562.2	574.8	585.7	593.1	598.9	601.9	*602.6*
22.5°	560.9	576.2	590.2	601.1	609.2	615.8	618.8	*618.8*
25°	568.8	585.0	599.6	611.4	619.5	625.4	628.2	*628.2*
27.5°	*571.8*	*588.7*	*602.6*	*614.3*	*623.1*	*629.0*	*631.2*	*631.9*
30°	569.6	586.5	600.4	611.4	620.2	625.4	627.5	*628.2*
32.5°	562.2	579.1	592.3	602.6	610.7	616.5	618.8	*618.8*
35°	550.6	566.0	579.1	589.4	596.8	601.1	604.1	*604.1*
37.5°	535.2	550.6	562.2	571.1	577.7	582.9	584.2	*584.2*
40°	517.5	530.8	541.7	550.6	556.4	560.1	561.5	*560.9*
42.5°	497.8	510.2	519.0	526.3	531.5	535.2	537.4	*538.9*
45°	477.2	488.9	497.0	502.9	506.6	508.8	510.9	*510.2*
47.5°	458.9	466.2	473.5	478.0	481.6	483.8	484.6	*484.6*
50°	437.6	444.2	450.2	453.8	456.0	457.5	457.5	*458.9*
52.5°	416.4	422.2	426.7	430.3	431.8	432.5	433.3	*432.5*
55°	397.4	401.0	403.9	406.9	408.3	409.0	410.5	*409.0*
57.5°	377.6	380.5	384.2	384.9	386.3	386.3	387.0	*386.3*
60°	357.7	360.0	361.4	362.2	364.3	365.1	365.1	*366.5*
62.5°	338.0	338.7	340.9	341.6	342.3	343.8	345.3	*344.6*
65°	318.2	318.9	319.6	321.1	322.6	324.0	324.0	*323.3*
67.5°	297.6	298.3	299.1	300.6	302.1	302.1	302.8	*302.8*
70°	277.8	277.8	278.6	279.3	280.8	281.5	282.3	*281.5*
72.5°	257.3	257.3	257.3	258.1	258.8	260.3	260.9	*260.9*
75°	236.1	236.1	236.1	235.3	236.1	237.6	236.8	*236.8*
77.5°	212.6	210.4	208.2	206.8	207.5	206.8	206.8	*206.8*
80°	183.3	179.7	176.7	175.2	174.5	175.2	174.5	*174.5*
82.5°	151.0	147.4	144.4	142.3	143.0	141.5	142.3	*140.8*
85°	112.2	109.2	106.3	104.9	105.6	105.6	104.9	*102.6*
87.5°	66.0	62.3	61.6	60.9	61.6	60.9	58.6	*59.4*
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: P977089
CATALOG NUMBER: 24SR-LD2-C-29-UNV-L930-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	9.7	11.5	10.1	11.8	12.1	12.6	14.4	13.0	14.7	15.0
	3H	11.6	13.3	12.0	13.6	13.9	15.1	16.7	15.5	17.0	17.4
	4H	12.4	13.9	12.8	14.3	14.6	16.3	17.8	16.7	18.1	18.5
	6H	13.0	14.4	13.4	14.7	15.1	17.3	18.8	17.7	19.1	19.5
	8H	13.2	14.5	13.6	14.9	15.3	17.8	19.1	18.2	19.5	19.9
	12H	13.3	14.6	13.8	15.0	15.5	18.2	19.5	18.6	19.9	20.3
4H	2H	11.4	13.0	11.8	13.3	13.7	13.4	14.9	13.8	15.2	15.6
	3H	13.9	15.2	14.3	15.6	16.0	16.1	17.4	16.5	17.8	18.2
	4H	15.0	16.2	15.4	16.6	17.0	17.5	18.7	17.9	19.1	19.5
	6H	15.8	16.9	16.3	17.3	17.8	18.7	19.8	19.2	20.2	20.7
	8H	16.1	17.1	16.6	17.6	18.0	19.2	20.2	19.7	20.7	21.1
	12H	16.4	17.3	16.8	17.7	18.2	19.7	20.6	20.2	21.1	21.6
8H	4H	16.1	17.1	16.6	17.5	18.0	18.0	19.0	18.5	19.5	19.9
	6H	17.4	18.3	17.9	18.8	19.2	19.5	20.3	20.0	20.8	21.3
	8H	18.0	18.8	18.5	19.2	19.7	20.1	20.9	20.6	21.4	21.9
	12H	18.4	19.1	18.9	19.6	20.2	20.8	21.5	21.3	21.9	22.5
12H	4H	16.3	17.2	16.8	17.7	18.2	18.1	19.1	18.6	19.5	20.0
	6H	17.8	18.6	18.3	19.0	19.6	19.7	20.5	20.2	20.9	21.4
	8H	18.5	19.2	19.0	19.7	20.3	20.4	21.1	20.9	21.6	22.2

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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: SP1-2506-457-5

Test Date: 07/02/2025

Luminaire Tested: 24SR-LD2-64-C-UNV-L930-CD1-U

Data in this report applies to families of products including 24SR-LD2-64-C-UNV-L930-CD1-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

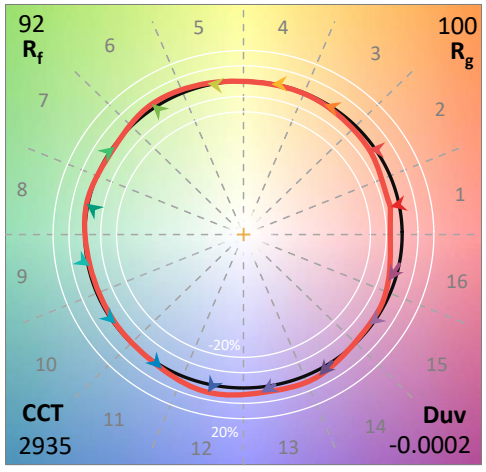
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-457-5
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-L930-CD1-U**
Description:	2X4 SKYRIDGE 6400LM Fixture with new LTN chip

Spectral Parameters

CCT (K):	2935
CIE u':	0.2530
CIE v':	0.5224
Duv:	-0.0002
CIE x:	0.4413
CIE y:	0.4049
CIE z:	0.1538
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	583
Purity:	53.99297
Rf:	91.8
Rg:	99.6

CRI (Ra):	93.5				
R1:	94.7	R9:	55.1		
R2:	97.2	R10:	92.3		
R3:	98.6	R11:	97.0		
R4:	95.2	R12:	86.4		
R5:	94.7	R13:	95.3		
R6:	96.8	R14:	98.2		
R7:	90.9	R15:	89.3		
R8:	80.4				



Test Conditions

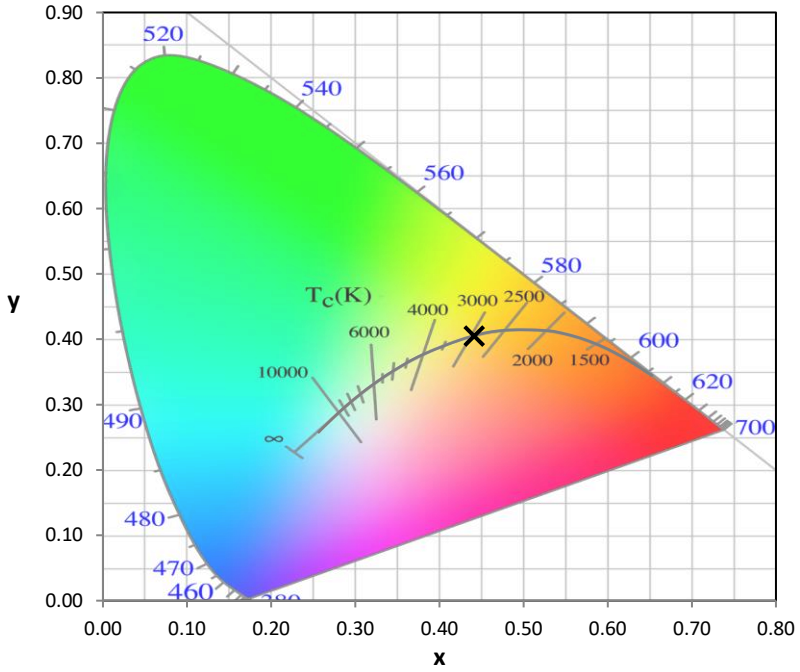
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-457-5

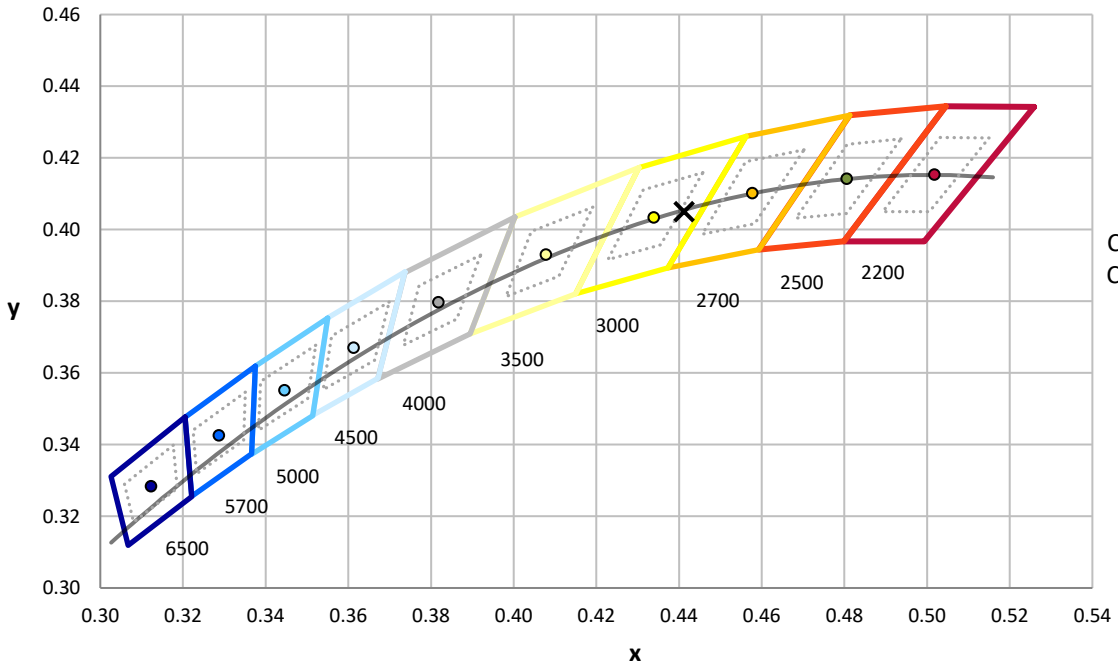
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-457-5

CIE 1931 Chromaticity Diagram



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



CCT = 2935K
CIE x = 0.4413
CIE y = 0.4049
Duv = -0.0002

Point lies inside the ANSI 3000K 7-step quadrangle

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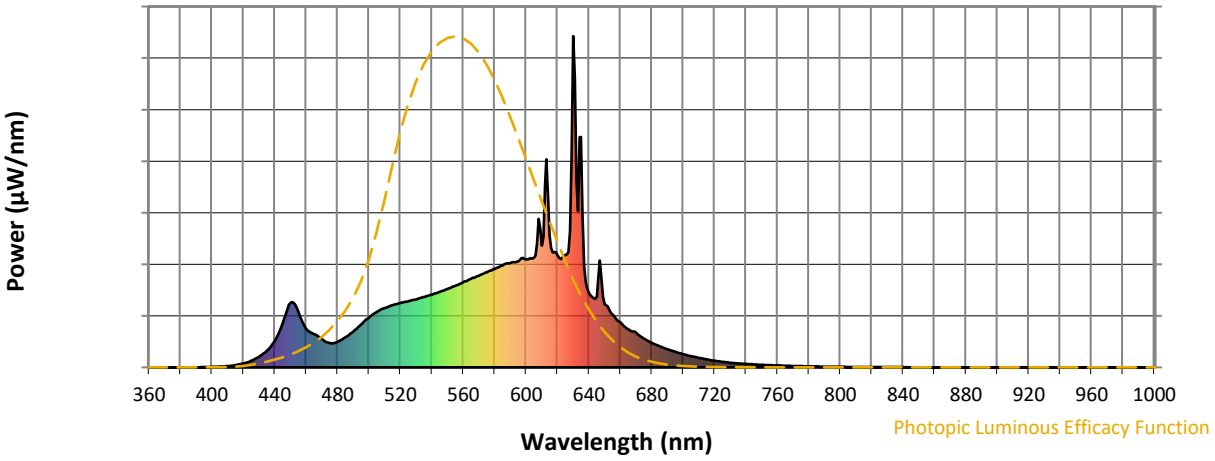
Photopic Flux vs. Wavelength



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	108	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	129	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	151	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	168	NR	635	695	NR	765	5	NR	895	0	NR
380	0	NR	510	179	NR	640	225	NR	770	4	NR	900	0	NR
385	0	NR	515	187	NR	645	214	NR	775	4	NR	905	0	NR
390	0	NR	520	194	NR	650	190	NR	780	3	NR	910	0	NR
395	1	NR	525	199	NR	655	160	NR	785	3	NR	915	0	NR
400	2	NR	530	205	NR	660	136	NR	790	2	NR	920	0	NR
405	2	NR	535	213	NR	665	115	NR	795	2	NR	925	0	NR
410	4	NR	540	219	NR	670	106	NR	800	2	NR	930	0	NR
415	7	NR	545	228	NR	675	87	NR	805	1	NR	935	0	NR
420	12	NR	550	236	NR	680	74	NR	810	1	NR	940	0	NR
425	20	NR	555	247	NR	685	64	NR	815	1	NR	945	0	NR
430	32	NR	560	257	NR	690	55	NR	820	1	NR	950	0	NR
435	50	NR	565	267	NR	695	47	NR	825	1	NR	955	0	NR
440	79	NR	570	277	NR	700	40	NR	830	1	NR	960	0	NR
445	133	NR	575	287	NR	705	34	NR	835	1	NR	965	0	NR
450	194	NR	580	297	NR	710	29	NR	840	1	NR	970	0	NR
455	168	NR	585	308	NR	715	24	NR	845	0	NR	975	0	NR
460	117	NR	590	315	NR	720	20	NR	850	0	NR	980	0	NR
465	101	NR	595	320	NR	725	17	NR	855	0	NR	985	0	NR
470	85	NR	600	327	NR	730	14	NR	860	0	NR	990	0	NR
475	73	NR	605	331	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	91	NR	615	398	NR	745	9	NR	875	0	NR			

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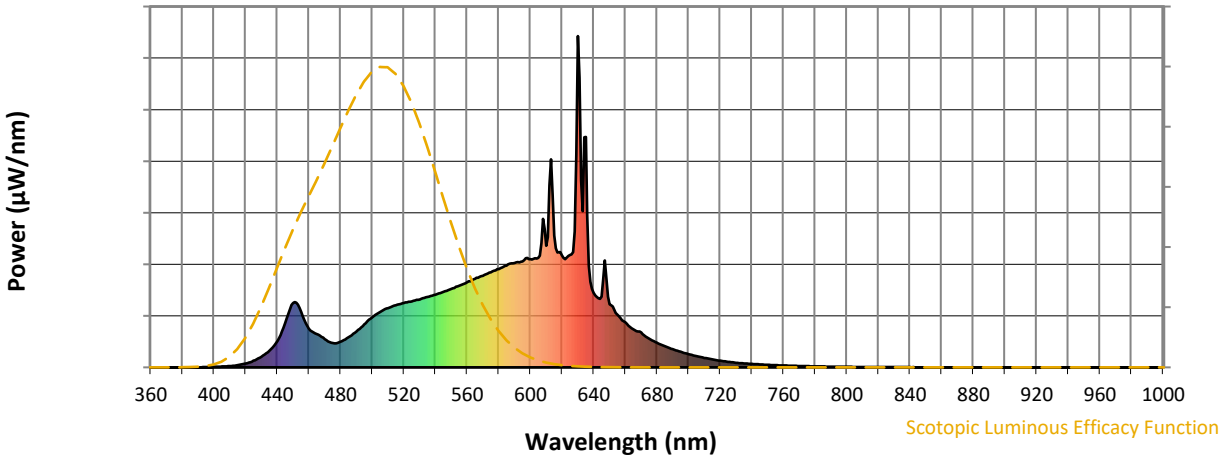
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.4**

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	108	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	129	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	151	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	168	NR	635	695	NR	765	5	NR	895	0	NR
380	0	NR	510	179	NR	640	225	NR	770	4	NR	900	0	NR
385	0	NR	515	187	NR	645	214	NR	775	4	NR	905	0	NR
390	0	NR	520	194	NR	650	190	NR	780	3	NR	910	0	NR
395	1	NR	525	199	NR	655	160	NR	785	3	NR	915	0	NR
400	2	NR	530	205	NR	660	136	NR	790	2	NR	920	0	NR
405	2	NR	535	213	NR	665	115	NR	795	2	NR	925	0	NR
410	4	NR	540	219	NR	670	106	NR	800	2	NR	930	0	NR
415	7	NR	545	228	NR	675	87	NR	805	1	NR	935	0	NR
420	12	NR	550	236	NR	680	74	NR	810	1	NR	940	0	NR
425	20	NR	555	247	NR	685	64	NR	815	1	NR	945	0	NR
430	32	NR	560	257	NR	690	55	NR	820	1	NR	950	0	NR
435	50	NR	565	267	NR	695	47	NR	825	1	NR	955	0	NR
440	79	NR	570	277	NR	700	40	NR	830	1	NR	960	0	NR
445	133	NR	575	287	NR	705	34	NR	835	1	NR	965	0	NR
450	194	NR	580	297	NR	710	29	NR	840	1	NR	970	0	NR
455	168	NR	585	308	NR	715	24	NR	845	0	NR	975	0	NR
460	117	NR	590	315	NR	720	20	NR	850	0	NR	980	0	NR
465	101	NR	595	320	NR	725	17	NR	855	0	NR	985	0	NR
470	85	NR	600	327	NR	730	14	NR	860	0	NR	990	0	NR
475	73	NR	605	331	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	91	NR	615	398	NR	745	9	NR	875	0	NR			

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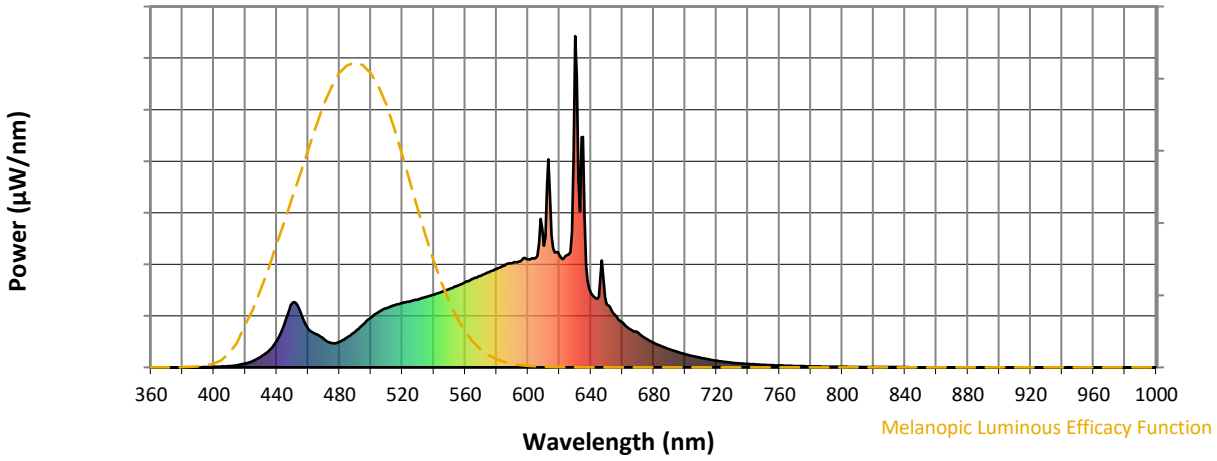
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.72**

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	108	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	129	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	151	NR	630	1000	NR	760	6	NR	890	0	NR
375	0	NR	505	168	NR	635	695	NR	765	5	NR	895	0	NR
380	0	NR	510	179	NR	640	225	NR	770	4	NR	900	0	NR
385	0	NR	515	187	NR	645	214	NR	775	4	NR	905	0	NR
390	0	NR	520	194	NR	650	190	NR	780	3	NR	910	0	NR
395	1	NR	525	199	NR	655	160	NR	785	3	NR	915	0	NR
400	2	NR	530	205	NR	660	136	NR	790	2	NR	920	0	NR
405	2	NR	535	213	NR	665	115	NR	795	2	NR	925	0	NR
410	4	NR	540	219	NR	670	106	NR	800	2	NR	930	0	NR
415	7	NR	545	228	NR	675	87	NR	805	1	NR	935	0	NR
420	12	NR	550	236	NR	680	74	NR	810	1	NR	940	0	NR
425	20	NR	555	247	NR	685	64	NR	815	1	NR	945	0	NR
430	32	NR	560	257	NR	690	55	NR	820	1	NR	950	0	NR
435	50	NR	565	267	NR	695	47	NR	825	1	NR	955	0	NR
440	79	NR	570	277	NR	700	40	NR	830	1	NR	960	0	NR
445	133	NR	575	287	NR	705	34	NR	835	1	NR	965	0	NR
450	194	NR	580	297	NR	710	29	NR	840	1	NR	970	0	NR
455	168	NR	585	308	NR	715	24	NR	845	0	NR	975	0	NR
460	117	NR	590	315	NR	720	20	NR	850	0	NR	980	0	NR
465	101	NR	595	320	NR	725	17	NR	855	0	NR	985	0	NR
470	85	NR	600	327	NR	730	14	NR	860	0	NR	990	0	NR
475	73	NR	605	331	NR	735	12	NR	865	0	NR	995	0	NR
480	77	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	91	NR	615	398	NR	745	9	NR	875	0	NR			

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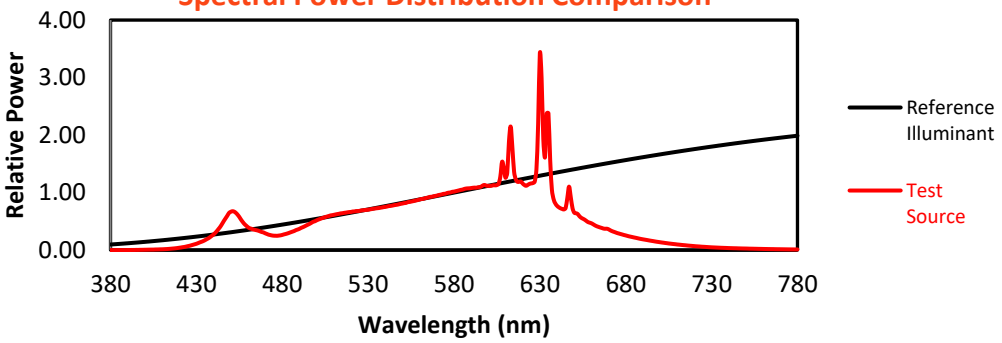
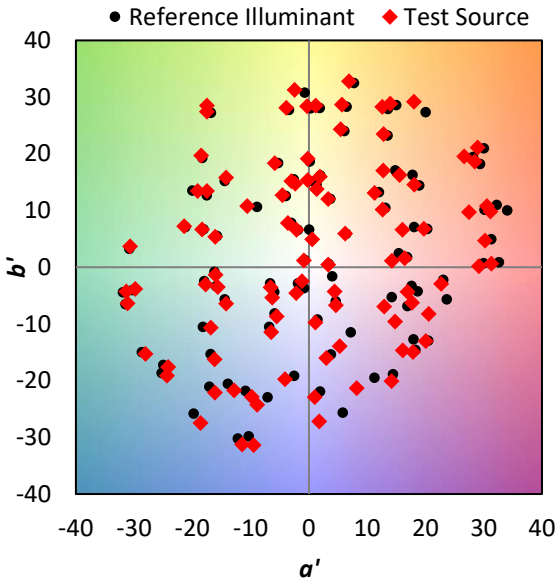
Summary

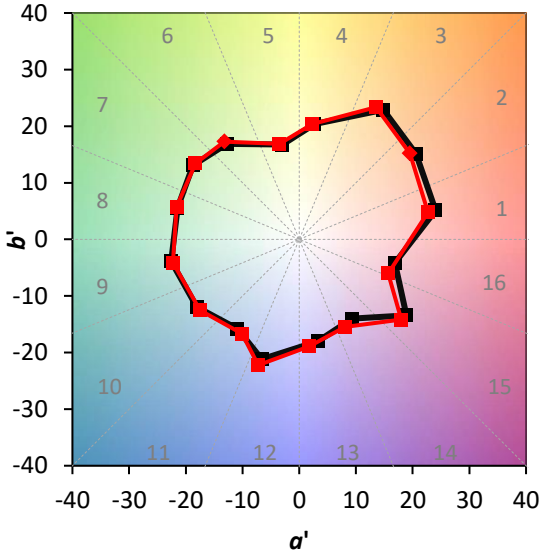
R_f = 91.8
R_g = 99.6
CIE R_a = 93.5
R_9 = 55.1

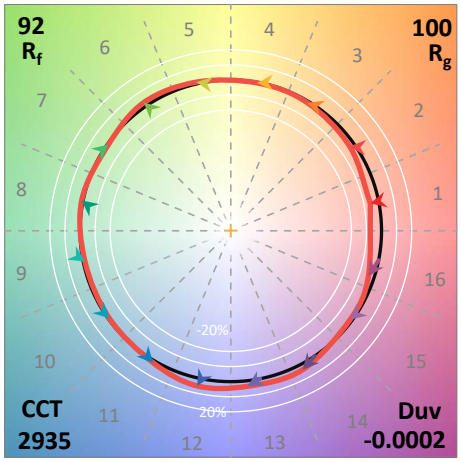
Spectral Power Distribution Comparison

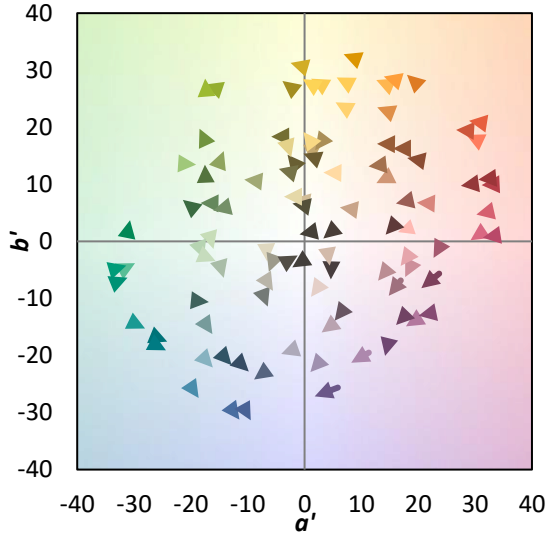


Color Vector Graphics









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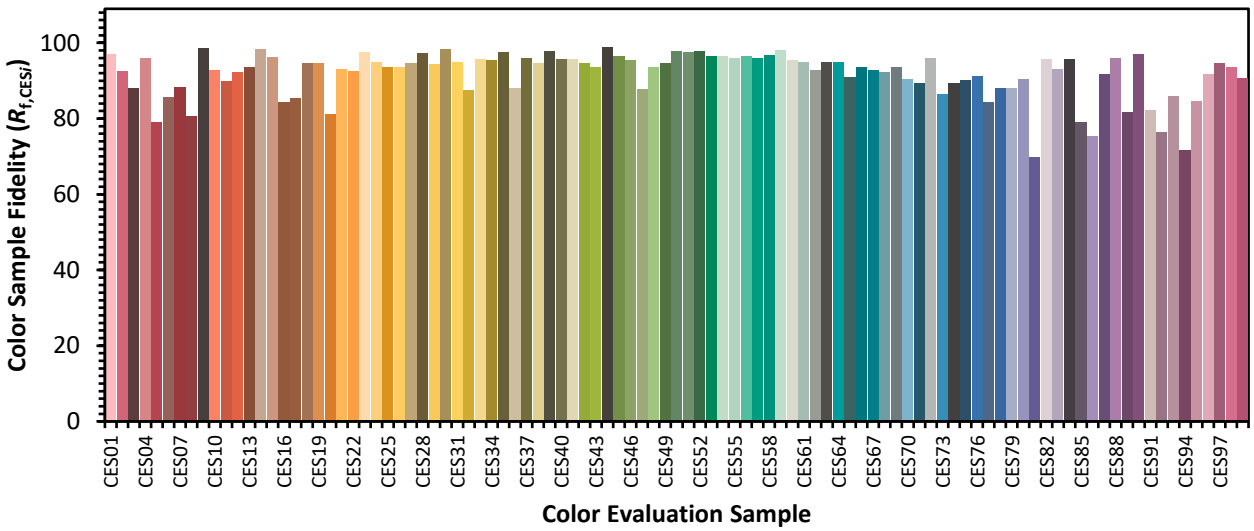
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 91
CES02 = 63	CES27 = 95	CES52 = 98	CES77 = 84
CES03 = 32	CES28 = 97	CES53 = 97	CES78 = 88
CES04 = 70	CES29 = 94	CES54 = 96	CES79 = 88
CES05 = 51	CES30 = 98	CES55 = 96	CES80 = 90
CES06 = 51	CES31 = 95	CES56 = 97	CES81 = 70
CES07 = 44	CES32 = 87	CES57 = 96	CES82 = 96
CES08 = 42	CES33 = 96	CES58 = 97	CES83 = 93
CES09 = 29	CES34 = 95	CES59 = 98	CES84 = 96
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 79
CES11 = 59	CES36 = 88	CES61 = 95	CES86 = 75
CES12 = 65	CES37 = 96	CES62 = 93	CES87 = 92
CES13 = 44	CES38 = 95	CES63 = 95	CES88 = 96
CES14 = 74	CES39 = 98	CES64 = 95	CES89 = 82
CES15 = 72	CES40 = 96	CES65 = 91	CES90 = 97
CES16 = 48	CES41 = 96	CES66 = 94	CES91 = 82
CES17 = 50	CES42 = 95	CES67 = 93	CES92 = 77
CES18 = 57	CES43 = 94	CES68 = 92	CES93 = 86
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 72
CES20 = 67	CES45 = 97	CES70 = 91	CES95 = 85
CES21 = 86	CES46 = 95	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 88	CES72 = 96	CES97 = 95
CES23 = 92	CES48 = 94	CES73 = 86	CES98 = 94
CES24 = 91	CES49 = 95	CES74 = 89	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 90	



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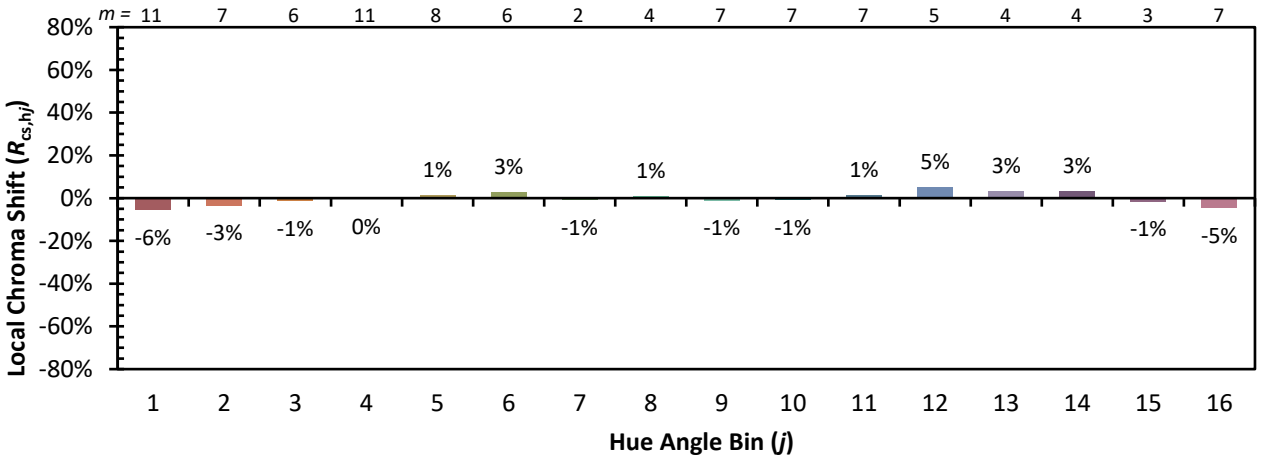
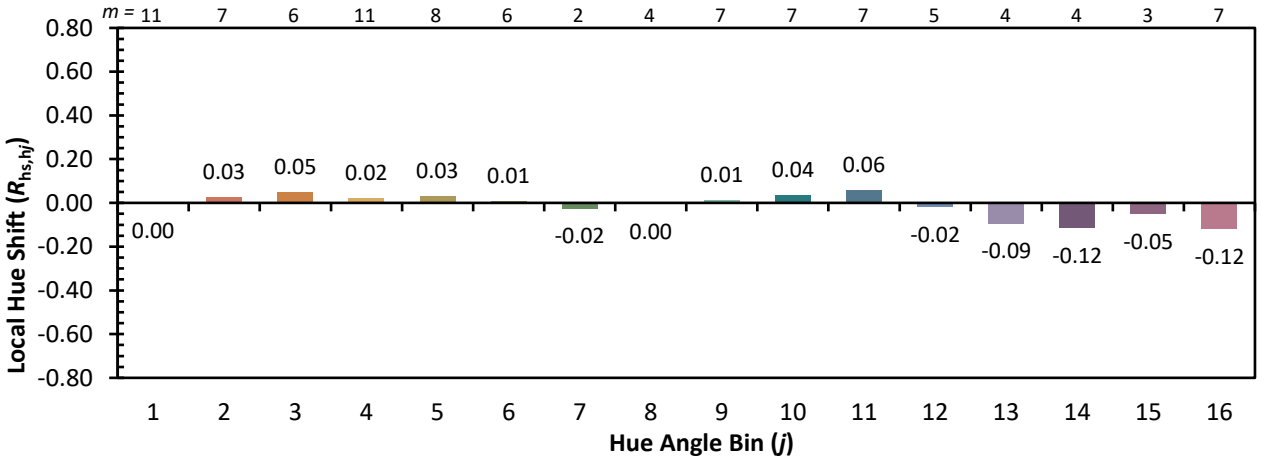
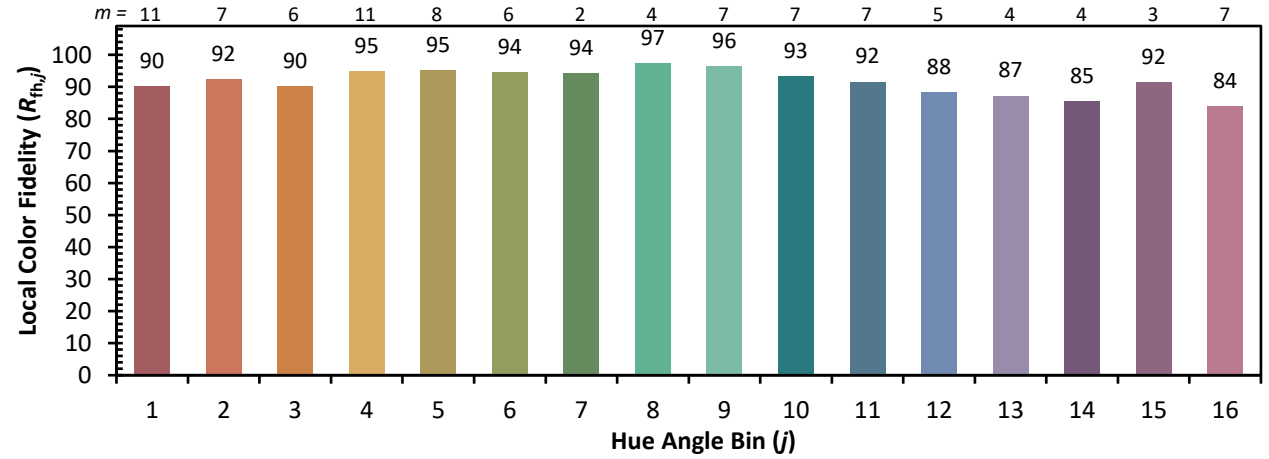
Color Rendition by Hue-Angle Bin







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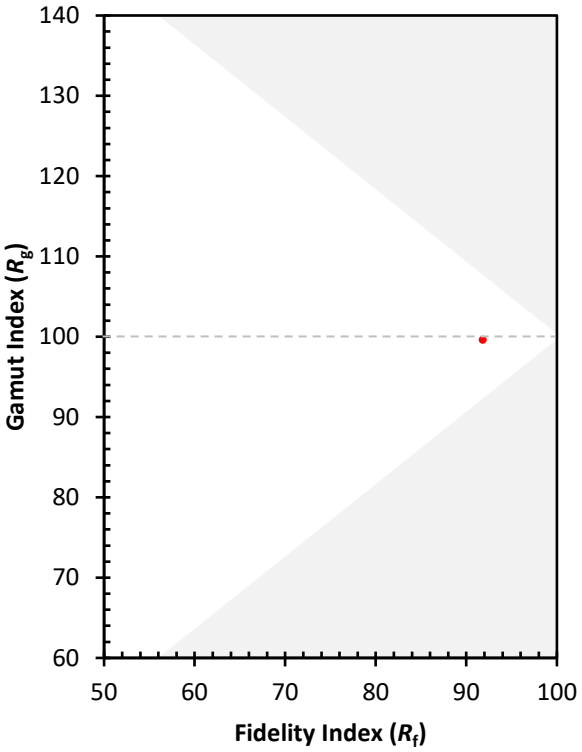
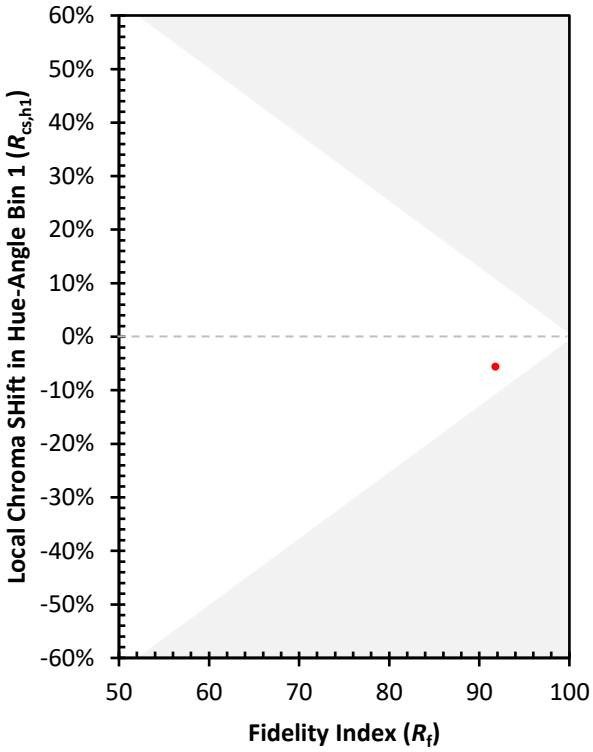
Measure Comparisons





(END OF REPORT)