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: P1436526

Luminaire Tested: EHBR1-42-UNV-M-L935-UPL24

Issue Date: 3/25/2026

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:	P1436526
	REPORT IS A COMBINATION OF REPORTS P1436094 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-42-UNV-M-L935-UPL24
Description:	Elevate Round Highbay at, 42000 lumens, 3500K 90CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	39929.6 lumens
Efficiency:	N/A
Efficacy:	165.8 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.21 / 1.15
Luminous Opening:	Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type:	Direct

Input Watts (W):	240.9
Input Voltage (V):	NR
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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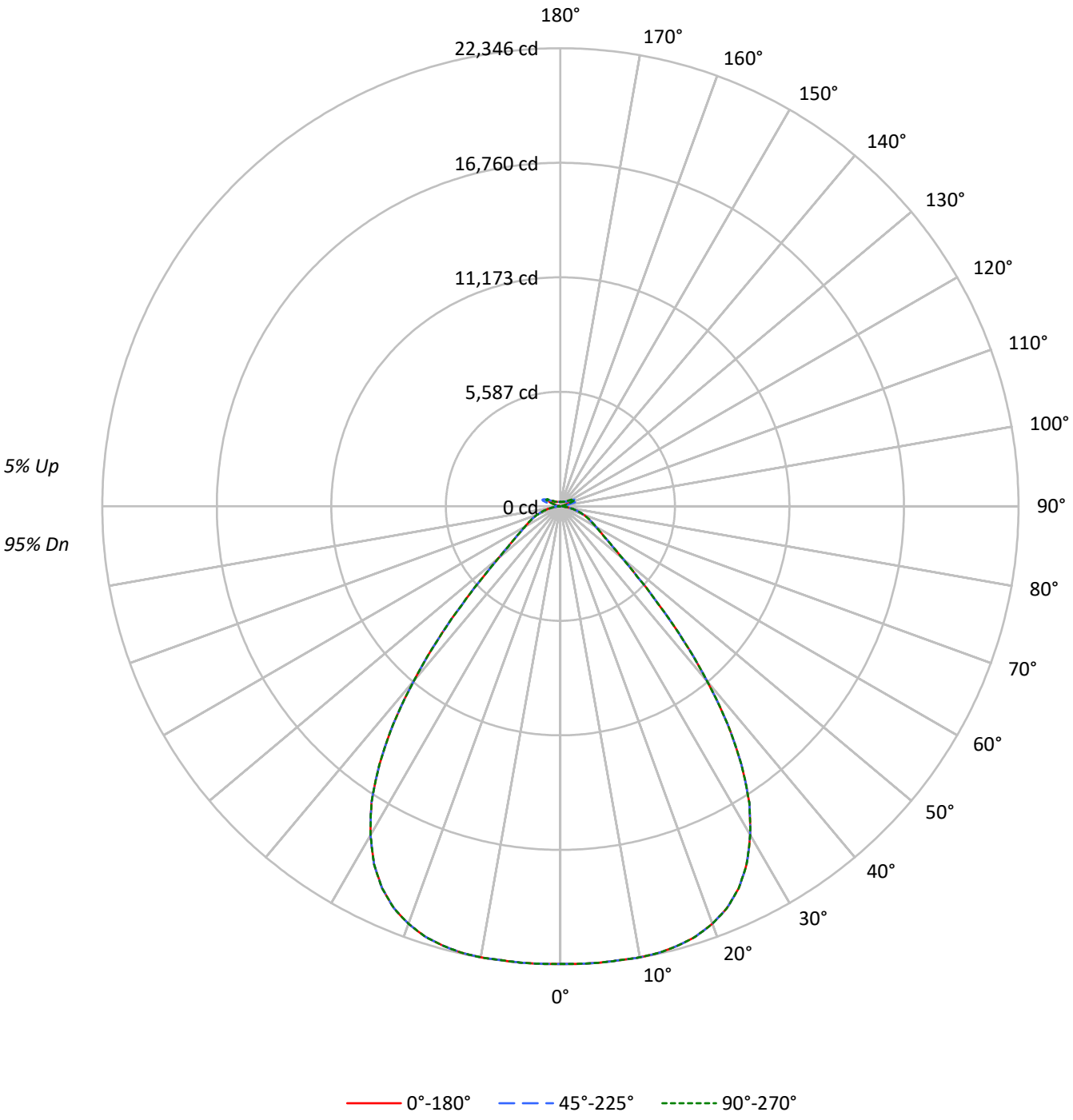
Luminous Intensity Polar Plot



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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	110	107	103	101	107	104	101	98	99	97	94	94	92	91	90	88	87	85
2	103	96	91	87	100	94	89	85	90	86	83	86	83	80	82	80	78	76
3	96	88	81	76	93	86	80	75	82	77	73	79	75	71	76	72	70	67
4	89	80	73	67	87	78	72	67	75	70	65	72	68	64	70	66	63	61
5	83	73	66	60	81	72	65	60	69	63	59	67	62	58	65	60	57	55
6	78	67	60	54	76	66	59	54	64	58	53	62	56	52	60	55	51	50
7	73	62	54	49	71	61	54	49	59	53	48	57	52	48	55	51	47	45
8	69	57	50	45	67	56	49	45	55	49	44	53	48	44	52	47	43	41
9	65	53	46	41	63	52	46	41	51	45	41	50	44	40	48	43	40	38
10	61	49	43	38	60	49	42	38	48	42	37	46	41	37	45	40	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	104839	104839	104839
5°	104660	104660	104660
10°	105151	105151	105151
15°	105755	105755	105755
20°	105436	105436	105436
25°	102973	102973	102973
30°	96287	96287	96287
35°	83857	83857	83857
40°	64267	64267	64267
45°	41984	41984	41984
50°	26467	26467	26467
55°	19729	19729	19729
60°	16610	16610	16610
65°	15105	15105	15105
70°	13759	13759	13759
75°	11778	11778	11778
80°	9071	9071	9071
85°	4757	4757	4757

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 41984 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2132.2	5.3
10°-20°	6261.7	15.7
20°-30°	9395.4	23.5
30°-40°	9452.8	23.7
40°-50°	5411.0	13.6
50°-60°	2474.9	6.2
60°-70°	1570.3	3.9
70°-80°	880.8	2.2
80°-90°	210.5	0.5
90°-100°	61.0	0.2
100°-110°	382.3	1.0
110°-120°	683.7	1.7
120°-130°	401.2	1.0
130°-140°	246.1	0.6
140°-150°	170.7	0.4
150°-160°	110.9	0.3
160°-170°	63.2	0.2
170°-180°	20.9	0.1
0°-30°	17789.4	44.6
0°-40°	27242.2	68.2
0°-60°	35128.0	88.0
0°-90°	37789.7	94.6
90°-120°	1127.0	2.8
90°-150°	1945.0	4.9
90°-180°	2140.0	5.4
0°-180°	39929.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	22325	22325	22325	22325	22325	
5°	22346	22346	22346	22346	22346	2132
15°	22187	22187	22187	22187	22187	6262
25°	20564	20564	20564	20564	20564	9395
35°	15391	15391	15391	15391	15391	9453
45°	6793	6793	6793	6793	6793	5411
55°	2666	2666	2666	2666	2666	2475
65°	1577	1577	1577	1577	1577	1570
75°	830	830	830	830	830	881
85°	164	164	164	164	164	200
90°	16	26	44	28	16	14
95°	27	45	99	49	31	26
105°	134	263	672	290	176	179
115°	615	647	795	762	757	566
125°	444	414	425	431	484	404
135°	323	314	325	305	304	253
145°	266	262	278	274	273	168
155°	233	230	241	241	241	109
165°	218	218	224	224	223	62
175°	216	216	219	219	219	21
180°	218	218	218	218	218	

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TEST NUMBER: P1436526
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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	22324.8	22324.8	22324.8	22324.8	22324.8
2.5°	22335.7	22335.7	22335.7	22335.7	22335.7
5°	22346.5	22346.5	22346.5	22346.5	22346.5
7.5°	22331.2	22331.2	22331.2	22331.2	22331.2
10°	22340.8	22340.8	22340.8	22340.8	22340.8
12.5°	22302.5	22302.5	22302.5	22302.5	22302.5
15°	22186.8	22186.8	22186.8	22186.8	22186.8
17.5°	21995.9	21995.9	21995.9	21995.9	21995.9
20°	21670.1	21670.1	21670.1	21670.1	21670.1
22.5°	21222.3	21222.3	21222.3	21222.3	21222.3
25°	20563.7	20563.7	20563.7	20563.7	20563.7
27.5°	19677.7	19677.7	19677.7	19677.7	19677.7
30°	18520.8	18520.8	18520.8	18520.8	18520.8
32.5°	17151.3	17151.3	17151.3	17151.3	17151.3
35°	15390.8	15390.8	15390.8	15390.8	15390.8
37.5°	13396.5	13396.5	13396.5	13396.5	13396.5
40°	11139.1	11139.1	11139.1	11139.1	11139.1
42.5°	8901.4	8901.4	8901.4	8901.4	8901.4
45°	6792.8	6792.8	6792.8	6792.8	6792.8
47.5°	5113.4	5113.4	5113.4	5113.4	5113.4
50°	3944.5	3944.5	3944.5	3944.5	3944.5
52.5°	3186.9	3186.9	3186.9	3186.9	3186.9
55°	2666.2	2666.2	2666.2	2666.2	2666.2
57.5°	2283.0	2283.0	2283.0	2283.0	2283.0
60°	1996.8	1996.8	1996.8	1996.8	1996.8
62.5°	1775.9	1775.9	1775.9	1775.9	1775.9
65°	1576.6	1576.6	1576.6	1576.6	1576.6
67.5°	1393.2	1393.2	1393.2	1393.2	1393.2
70°	1207.3	1207.3	1207.3	1207.3	1207.3
72.5°	1020.2	1020.2	1020.2	1020.2	1020.2
75°	829.7	829.7	829.7	829.7	829.7
77.5°	649.0	649.0	649.0	649.0	649.0
80°	477.2	477.2	477.2	477.2	477.2
82.5°	311.1	311.1	311.1	311.1	311.1
85°	163.5	163.5	163.5	163.5	163.5
87.5°	46.7	46.7	46.7	46.7	46.7
90°	16.0	25.7	44.1	28.2	16.0
92.5°	23.3	39.2	71.1	36.7	20.8
95°	26.9	45.3	99.2	49.0	30.6
97.5°	34.3	50.2	113.9	60.0	47.8
100°	45.3	58.8	177.6	73.5	63.7
102.5°	77.1	125.0	377.3	138.4	96.8
105°	133.5	263.4	672.5	290.3	176.4
107.5°	231.5	471.7	886.8	514.5	334.4
110°	432.4	625.9	929.7	706.8	535.3

TEST NUMBER: P1436526
CATALOG NUMBER: EHBR1-42-UNV-M-L935-UPL24

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*584.3*	672.5	890.6	780.3	697.0
115°	*614.9*	646.8	795.0	762.0	757.1
117.5°	*594.1*	590.5	674.9	684.7	731.3
120°	*550.1*	525.5	563.5	597.8	660.3
122.5°	*494.9*	465.5	482.6	508.4	570.8
125°	*443.5*	414.0	425.1	431.2	483.9
127.5°	*398.2*	378.5	384.6	377.3	410.4
130°	*367.5*	350.3	358.9	341.8	357.7
132.5°	*341.8*	330.7	340.5	319.8	324.6
135°	*323.4*	313.6	324.6	305.0	303.8
137.5°	*307.4*	298.9	309.9	295.2	291.6
140°	*292.7*	285.4	297.6	286.7	284.2
142.5°	*276.9*	271.9	286.7	279.3	276.9
145°	*265.8*	262.1	278.1	274.4	273.2
147.5°	*256.0*	253.6	268.3	267.0	267.0
150°	*247.4*	245.0	259.7	258.5	259.7
152.5°	*238.9*	236.5	249.9	248.7	249.9
155°	*232.7*	230.3	241.4	241.4	241.4
157.5°	*227.9*	226.6	235.2	235.2	235.2
160°	*224.1*	223.0	230.3	230.3	229.0
162.5°	*220.5*	219.2	227.9	226.6	226.6
165°	*218.1*	218.1	224.1	224.1	223.0
167.5°	*218.1*	216.8	223.0	223.0	221.7
170°	*216.8*	216.8	221.7	220.5	219.2
172.5°	*216.8*	216.8	221.7	220.5	219.2
175°	*215.6*	215.6	219.2	219.2	219.2
177.5°	*216.8*	216.8	219.2	219.2	218.1
180°	*218.1*	218.1	218.1	218.1	218.1

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Scaled Data Report

TEST NUMBER: P1436526
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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	18.61	19.80	19.07	20.22	20.68	18.61	19.80	19.07	20.22	20.68
	3H	20.10	21.15	20.57	21.59	22.09	20.10	21.15	20.57	21.59	22.09
	4H	20.62	21.60	21.12	22.06	22.58	20.62	21.60	21.12	22.06	22.58
	6H	20.95	21.85	21.46	22.33	22.85	20.95	21.85	21.46	22.33	22.85
	8H	21.02	21.87	21.54	22.37	22.90	21.02	21.87	21.54	22.37	22.90
	12H	21.03	21.85	21.56	22.34	22.89	21.03	21.85	21.56	22.34	22.89
4H	2H	19.05	20.03	19.55	20.49	21.01	19.05	20.03	19.55	20.49	21.01
	3H	20.75	21.56	21.26	22.06	22.60	20.75	21.56	21.26	22.06	22.60
	4H	21.38	22.10	21.91	22.62	23.19	21.38	22.10	21.91	22.62	23.19
	6H	21.81	22.43	22.36	22.97	23.57	21.81	22.43	22.36	22.97	23.57
	8H	21.90	22.48	22.46	23.03	23.62	21.90	22.48	22.46	23.03	23.62
	12H	21.93	22.44	22.51	23.02	23.62	21.93	22.44	22.51	23.02	23.62
8H	4H	21.56	22.14	22.12	22.68	23.28	21.56	22.14	22.12	22.68	23.28
	6H	22.07	22.54	22.66	23.14	23.74	22.07	22.54	22.66	23.14	23.74
	8H	22.21	22.63	22.82	23.24	23.85	22.21	22.63	22.82	23.24	23.85
	12H	22.28	22.65	22.88	23.24	23.93	22.28	22.65	22.88	23.24	23.93
12H	4H	21.55	22.06	22.12	22.64	23.24	21.55	22.06	22.12	22.64	23.24
	6H	22.07	22.50	22.68	23.10	23.72	22.07	22.50	22.68	23.10	23.72
	8H	22.24	22.62	22.85	23.20	23.89	22.24	22.62	22.85	23.20	23.89

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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: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

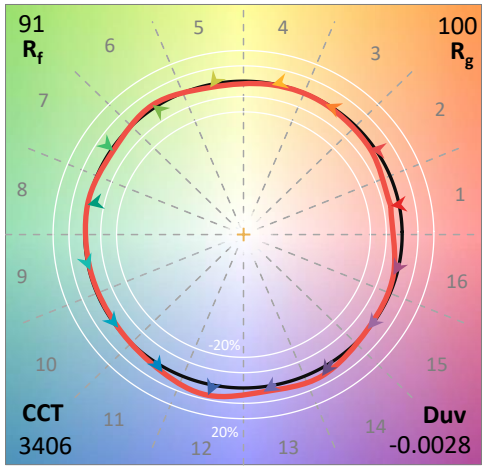
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-6
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/05/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**EHBR-60-L935-N**
Description:	Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K):	3406
CIE u':	0.2394
CIE v':	0.5094
Duv:	-0.0028
CIE x:	0.4076
CIE y:	0.3856
CIE z:	0.2068
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	582
Purity:	38.0517
Rf:	91.3
Rg:	100

CRI (Ra):	94.6				
R1:	96.6	R9:	63.8		
R2:	98.4	R10:	94.7		
R3:	98.1	R11:	96.6		
R4:	95.8	R12:	80.9		
R5:	96.2	R13:	97.4		
R6:	95.4	R14:	98.3		
R7:	91.8	R15:	93.1		
R8:	84.4				



Test Conditions

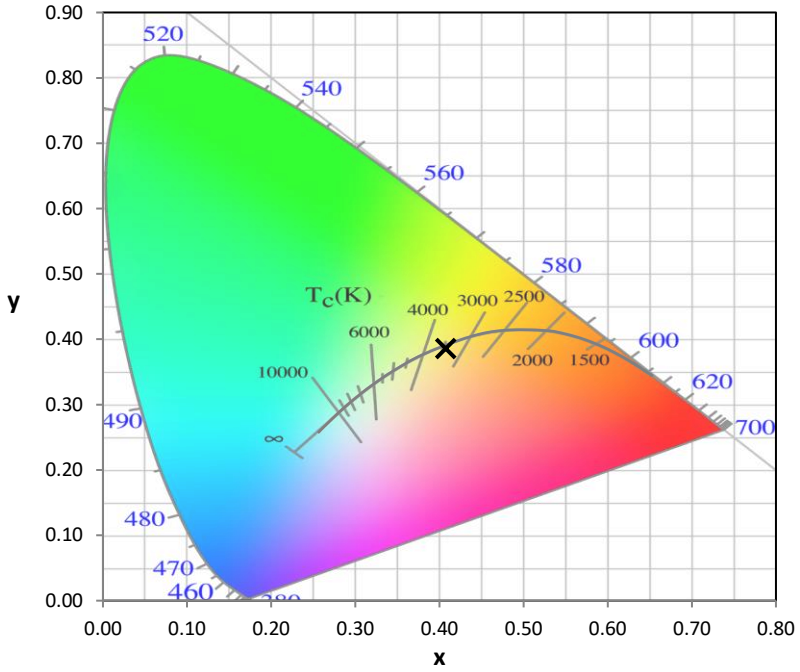
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-6

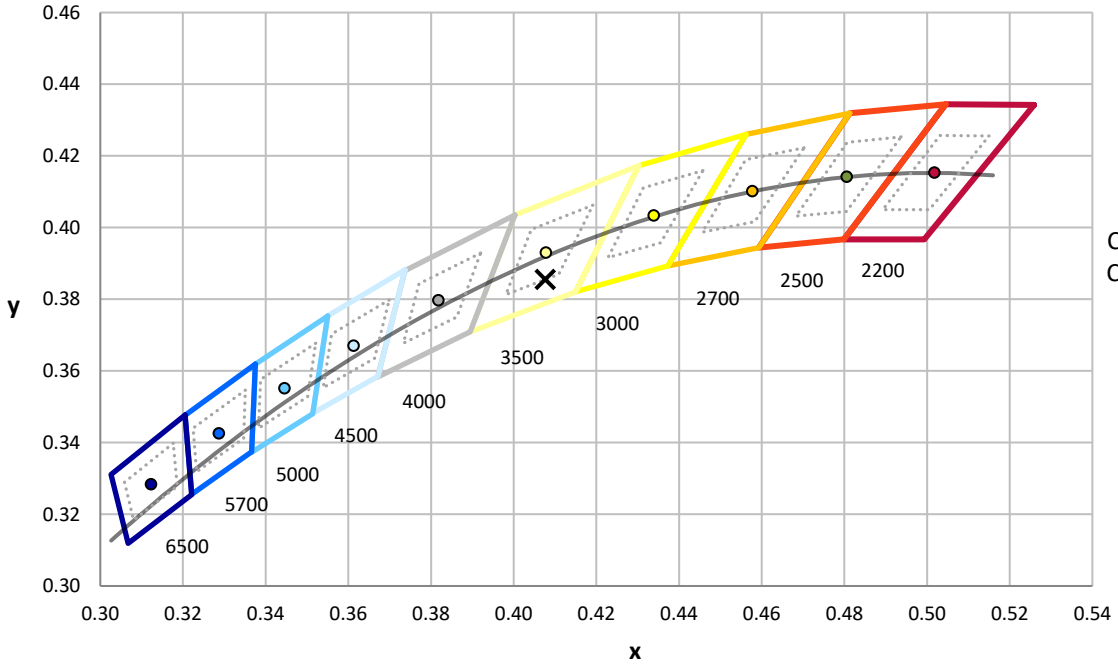
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-6

CIE 1931 Chromaticity Diagram



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

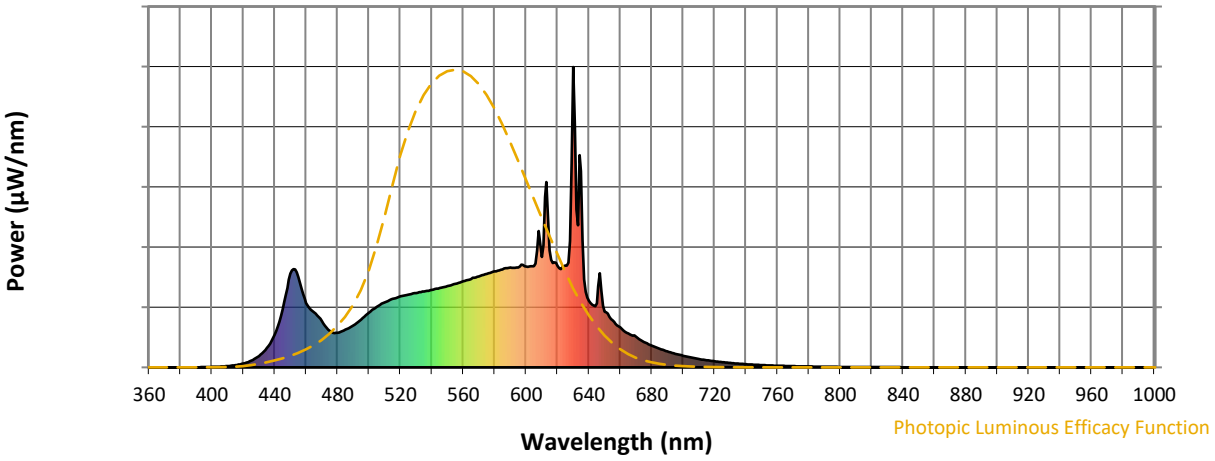


CCT = 3406K
CIE x = 0.4076
CIE y = 0.3856
Duv = -0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-6

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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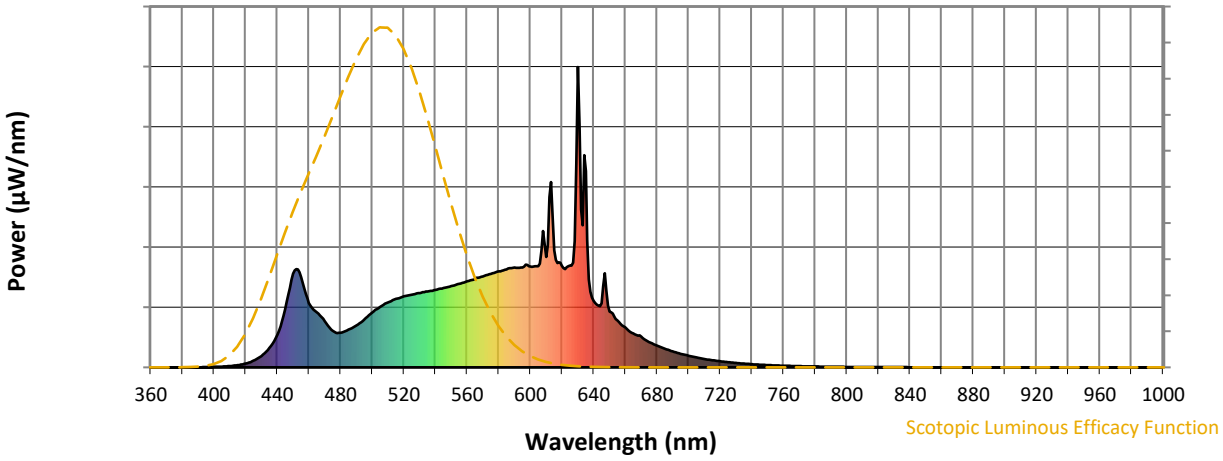
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.62**

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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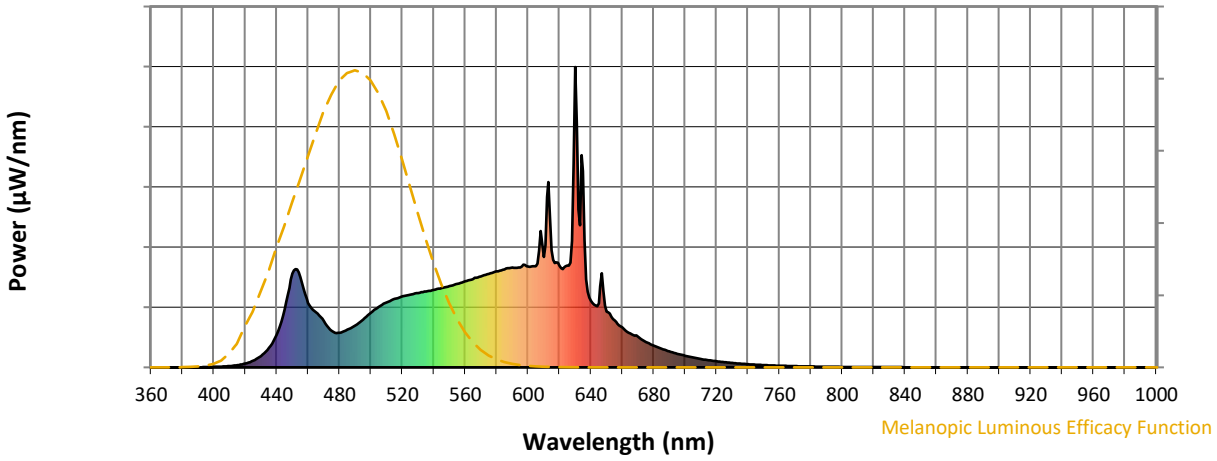
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.3**

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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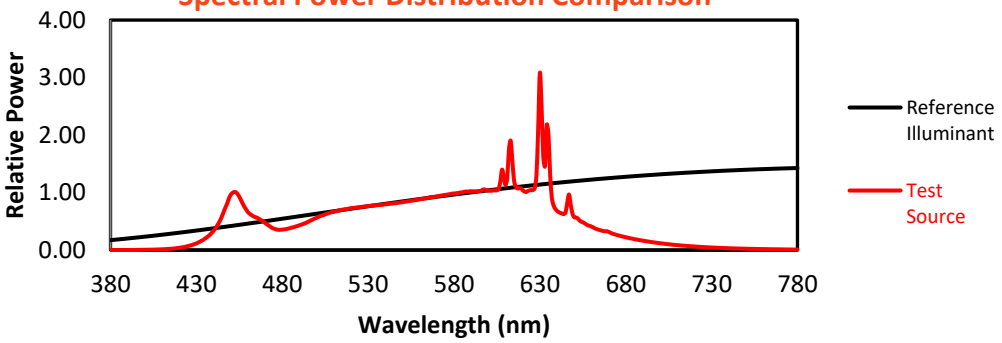
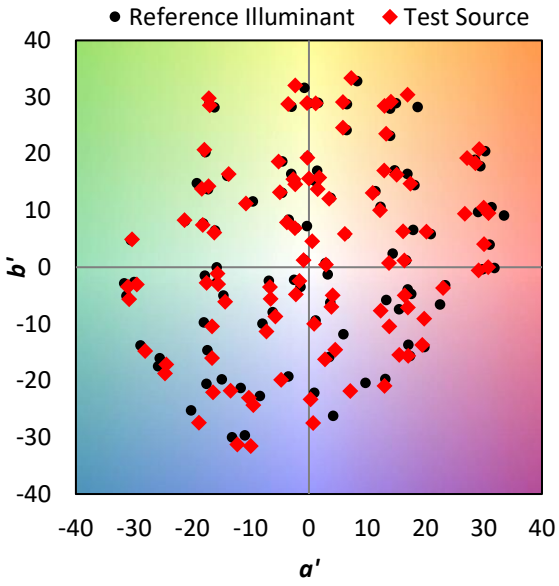
Summary

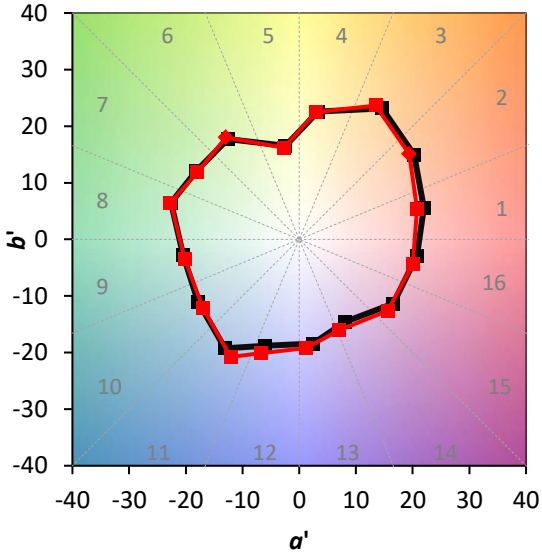
R_f = 91.3
R_g = 100
CIE R_a = 94.6
R_9 = 63.8

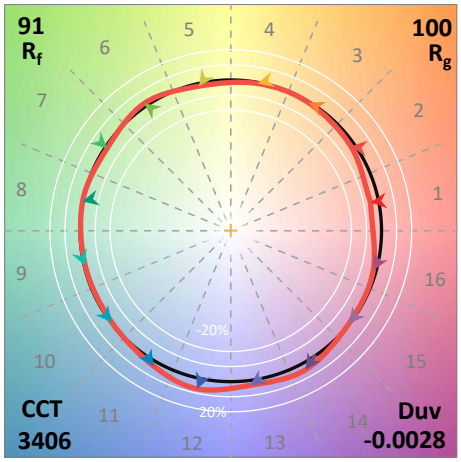
Spectral Power Distribution Comparison

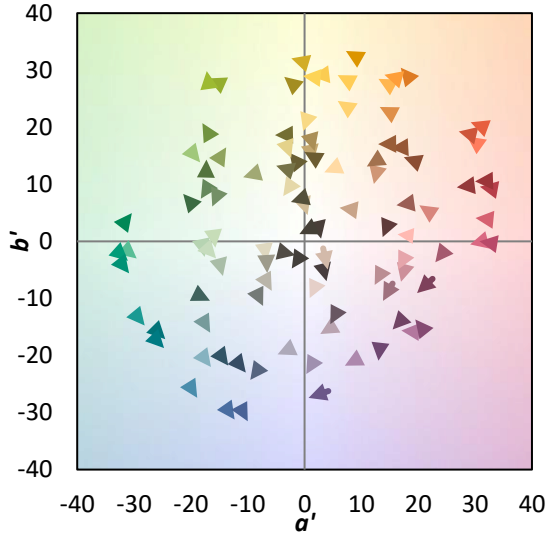


Color Vector Graphics









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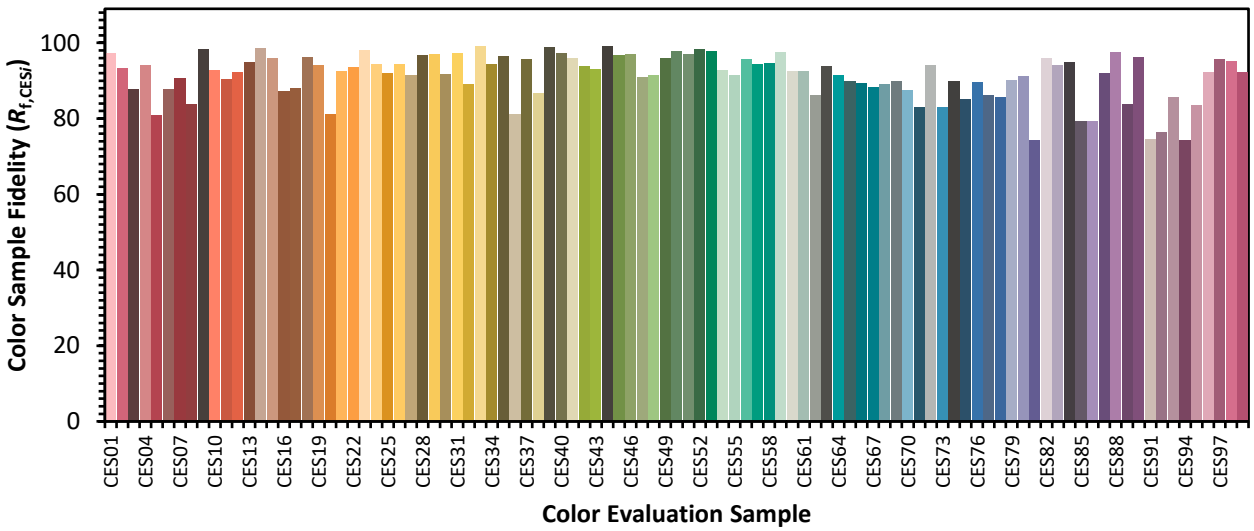
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



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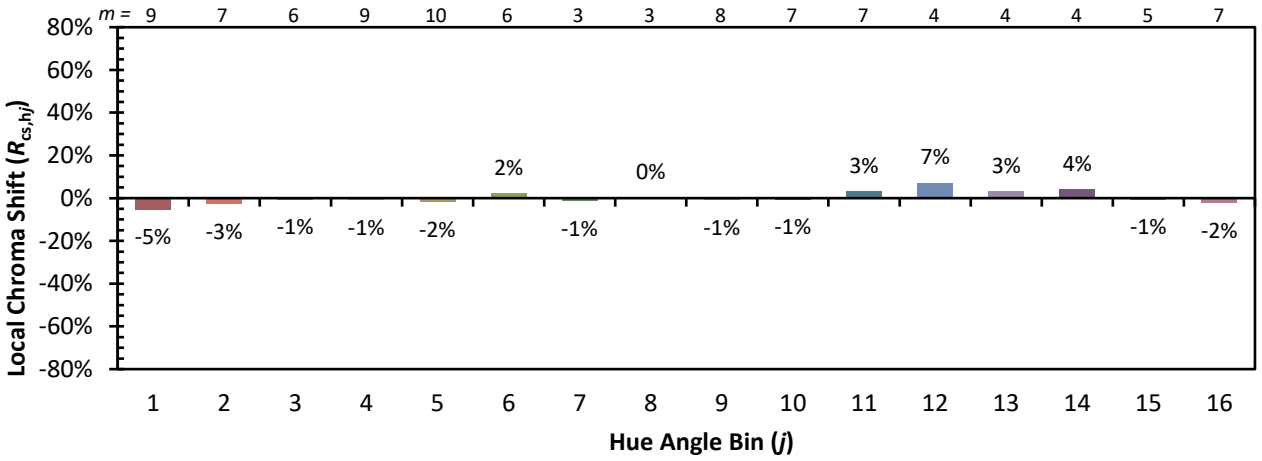
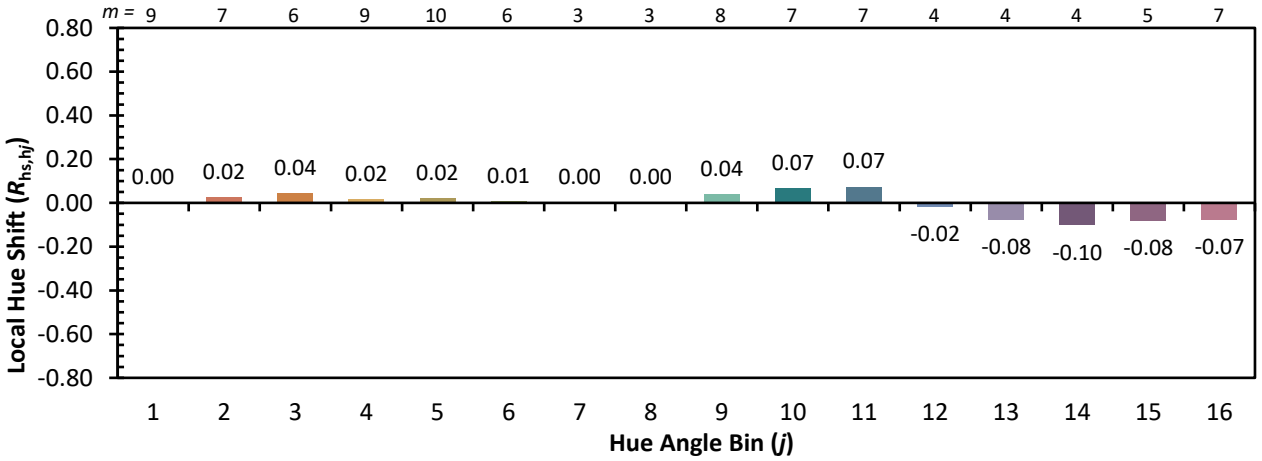
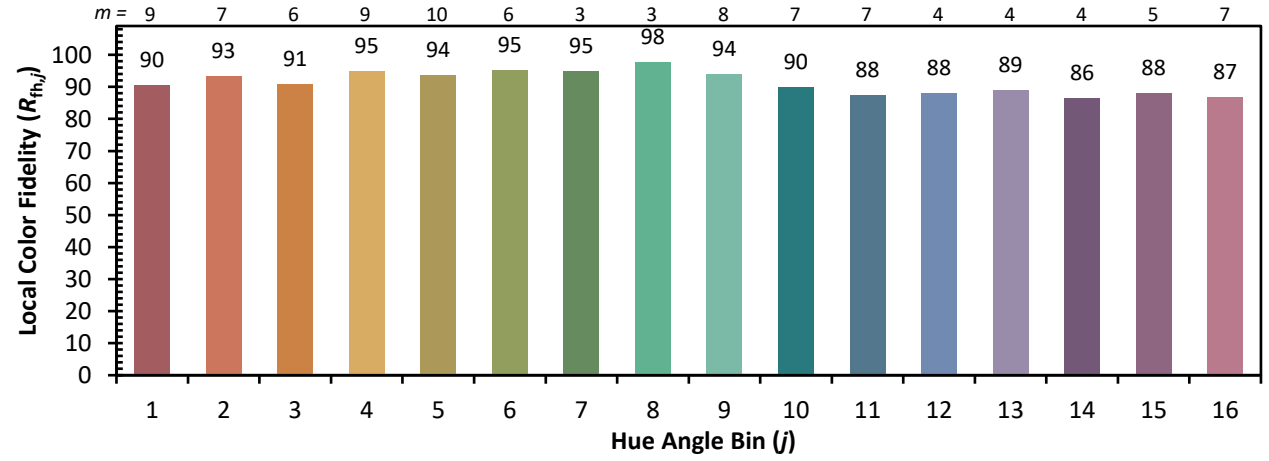
Color Rendition by Hue-Angle Bin







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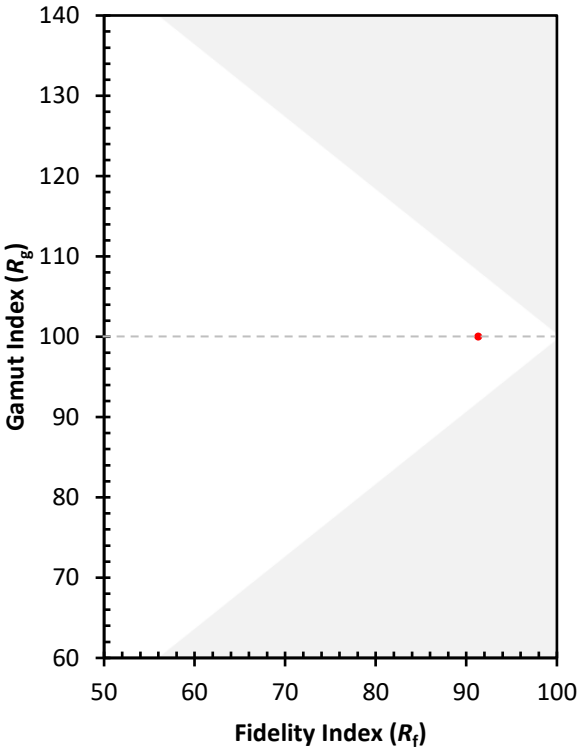
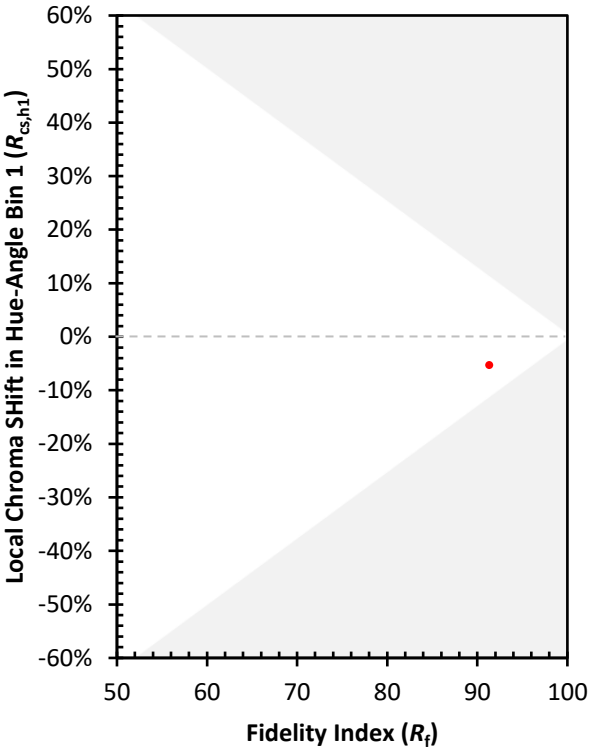
Measure Comparisons





(END OF REPORT)