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: P1436268

Luminaire Tested: EHBR1-12-UNV-M-L840-UPL15

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:	P1436268
	REPORT IS A COMBINATION OF REPORTS P1436052 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-12-UNV-M-L840-UPL15
Description:	Elevate Round Highbay at, 12000 lumens, 4000K 80CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13806.7 lumens
Efficiency:	N/A
Efficacy:	186.6 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:	Semi-Direct

Input Watts (W):	74
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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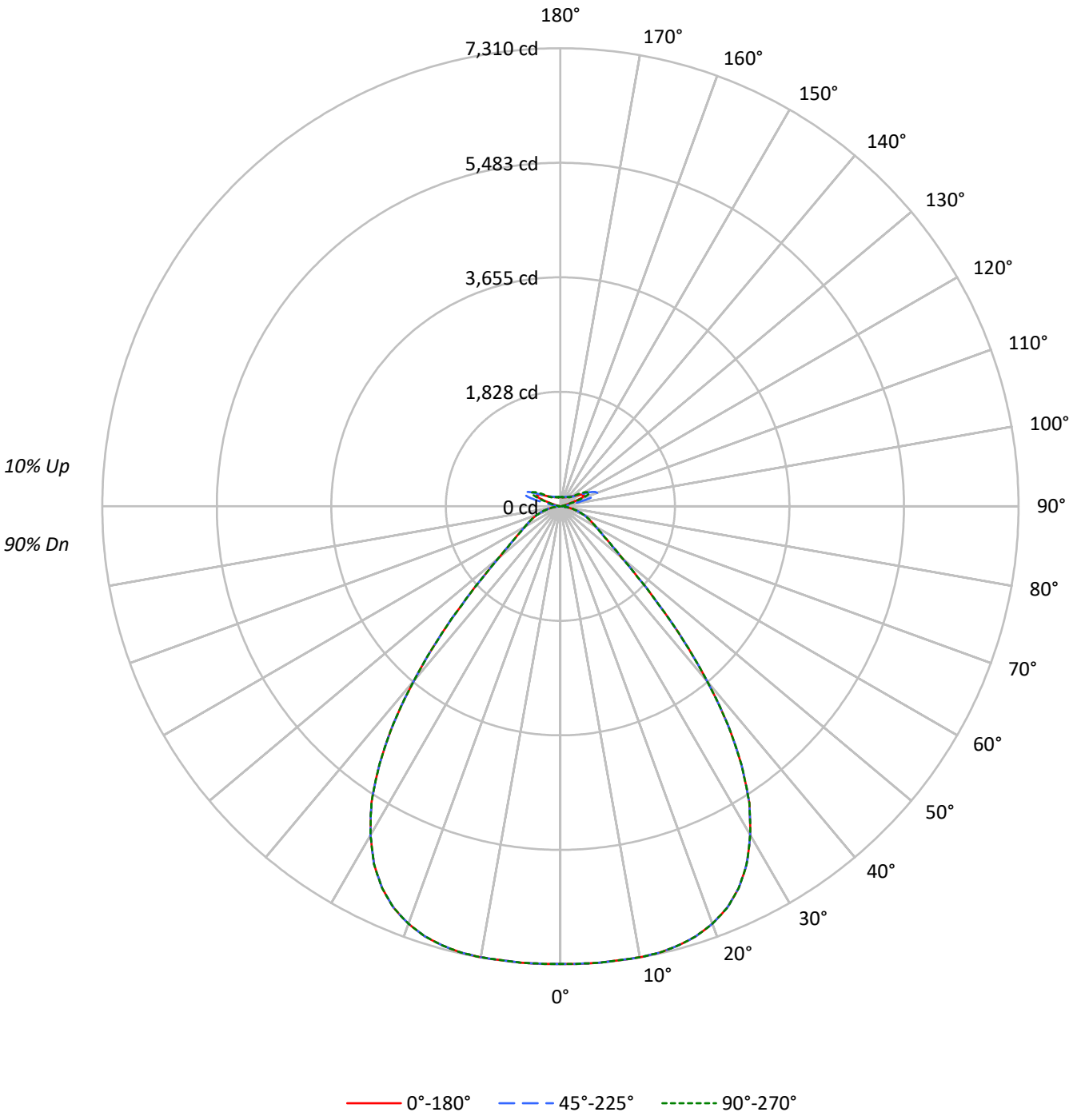
Luminous Intensity Polar Plot



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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	117	117	117	117	113	113	113	113	105	105	105	99	99	99	92	92	92	90
1	109	105	102	99	105	102	99	97	96	94	92	91	89	87	85	84	83	80
2	101	95	90	85	98	92	88	84	87	84	80	83	80	77	78	76	74	71
3	94	86	80	75	91	84	78	73	80	75	71	76	72	68	72	69	66	64
4	88	78	71	66	85	77	70	65	73	67	63	70	65	61	66	63	59	57
5	82	72	64	59	80	70	63	58	67	61	57	64	59	55	61	57	54	52
6	77	66	58	53	74	64	57	52	62	56	51	59	54	50	57	52	49	47
7	72	61	53	48	70	59	52	48	57	51	47	55	50	46	53	48	45	43
8	67	56	49	44	66	55	48	43	53	47	43	51	46	42	49	44	41	39
9	63	52	45	40	62	51	44	40	49	43	39	47	42	38	46	41	38	36
10	60	48	41	37	58	48	41	37	46	40	36	44	39	35	43	38	35	33

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	34294	34294	34294
5°	34235	34235	34235
10°	34396	34396	34396
15°	34593	34593	34593
20°	34489	34489	34489
25°	33683	33683	33683
30°	31496	31496	31496
35°	27431	27431	27431
40°	21022	21022	21022
45°	13733	13733	13733
50°	8658	8658	8658
55°	6454	6454	6454
60°	5434	5434	5434
65°	4941	4941	4941
70°	4501	4501	4501
75°	3853	3853	3853
80°	2967	2967	2967
85°	1557	1557	1557

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13733 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	697.5	5.1
10°-20°	2048.2	14.8
20°-30°	3073.3	22.3
30°-40°	3092.1	22.4
40°-50°	1770.0	12.8
50°-60°	809.6	5.9
60°-70°	513.6	3.7
70°-80°	288.1	2.1
80°-90°	70.2	0.5
90°-100°	41.2	0.3
100°-110°	258.0	1.9
110°-120°	461.3	3.3
120°-130°	270.7	2.0
130°-140°	166.0	1.2
140°-150°	115.2	0.8
150°-160°	74.8	0.5
160°-170°	42.6	0.3
170°-180°	14.1	0.1
0°-30°	5819.0	42.1
0°-40°	8911.1	64.5
0°-60°	11490.7	83.2
0°-90°	12362.7	89.5
90°-120°	760.5	5.5
90°-150°	1312.4	9.5
90°-180°	1444.0	10.5
0°-180°	13806.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7303	7303	7303	7303	7303	
5°	7310	7310	7310	7310	7310	697
15°	7258	7258	7258	7258	7258	2048
25°	6726	6726	6726	6726	6726	3073
35°	5034	5034	5034	5034	5034	3092
45°	2222	2222	2222	2222	2222	1770
55°	872	872	872	872	872	810
65°	516	516	516	516	516	514
75°	271	271	271	271	271	288
85°	54	54	54	54	54	66
90°	11	17	30	19	11	7
95°	18	31	67	33	21	18
105°	90	178	454	196	119	121
115°	415	436	536	514	511	382
125°	299	279	287	291	326	273
135°	218	212	219	206	205	171
145°	179	177	188	185	184	114
155°	157	155	163	163	163	73
165°	147	147	151	151	150	42
175°	146	146	148	148	148	14
180°	147	147	147	147	147	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7302.6	7302.6	7302.6	7302.6	7302.6
2.5°	7306.2	7306.2	7306.2	7306.2	7306.2
5°	7309.7	7309.7	7309.7	7309.7	7309.7
7.5°	7304.7	7304.7	7304.7	7304.7	7304.7
10°	7307.8	7307.8	7307.8	7307.8	7307.8
12.5°	7295.3	7295.3	7295.3	7295.3	7295.3
15°	7257.5	7257.5	7257.5	7257.5	7257.5
17.5°	7195.0	7195.0	7195.0	7195.0	7195.0
20°	7088.4	7088.4	7088.4	7088.4	7088.4
22.5°	6942.0	6942.0	6942.0	6942.0	6942.0
25°	6726.5	6726.5	6726.5	6726.5	6726.5
27.5°	6436.7	6436.7	6436.7	6436.7	6436.7
30°	6058.3	6058.3	6058.3	6058.3	6058.3
32.5°	5610.3	5610.3	5610.3	5610.3	5610.3
35°	5034.5	5034.5	5034.5	5034.5	5034.5
37.5°	4382.1	4382.1	4382.1	4382.1	4382.1
40°	3643.7	3643.7	3643.7	3643.7	3643.7
42.5°	2911.7	2911.7	2911.7	2911.7	2911.7
45°	2222.0	2222.0	2222.0	2222.0	2222.0
47.5°	1672.6	1672.6	1672.6	1672.6	1672.6
50°	1290.3	1290.3	1290.3	1290.3	1290.3
52.5°	1042.5	1042.5	1042.5	1042.5	1042.5
55°	872.2	872.2	872.2	872.2	872.2
57.5°	746.8	746.8	746.8	746.8	746.8
60°	653.2	653.2	653.2	653.2	653.2
62.5°	580.9	580.9	580.9	580.9	580.9
65°	515.7	515.7	515.7	515.7	515.7
67.5°	455.7	455.7	455.7	455.7	455.7
70°	394.9	394.9	394.9	394.9	394.9
72.5°	333.7	333.7	333.7	333.7	333.7
75°	271.4	271.4	271.4	271.4	271.4
77.5°	212.3	212.3	212.3	212.3	212.3
80°	156.1	156.1	156.1	156.1	156.1
82.5°	101.8	101.8	101.8	101.8	101.8
85°	53.5	53.5	53.5	53.5	53.5
87.5°	15.3	15.3	15.3	15.3	15.3
90°	10.7	17.4	29.8	19.0	10.7
92.5°	15.7	26.5	47.9	24.8	14.1
95°	18.2	30.6	67.0	33.1	20.7
97.5°	23.1	33.9	76.9	40.5	32.2
100°	30.6	39.7	119.9	49.6	43.0
102.5°	52.1	84.3	254.6	93.4	65.3
105°	90.1	177.7	453.8	195.9	119.0
107.5°	156.2	318.2	598.5	347.2	225.7
110°	291.8	422.4	627.4	476.9	361.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*394.3*	453.8	600.9	526.5	470.3
115°	*415.0*	436.4	536.5	514.1	510.8
117.5°	*400.9*	398.4	455.5	462.1	493.5
120°	*371.1*	354.6	380.2	403.4	445.5
122.5°	*333.9*	314.1	325.7	343.0	385.2
125°	*299.2*	279.4	286.8	291.0	326.5
127.5°	*268.6*	255.4	259.6	254.6	276.9
130°	*248.0*	236.4	242.2	230.6	241.4
132.5°	*230.6*	223.2	229.8	215.7	219.0
135°	*218.2*	211.6	219.0	205.8	205.0
137.5°	*207.5*	201.7	209.1	199.2	196.7
140°	*197.6*	192.6	200.9	193.4	191.8
142.5°	*186.8*	183.5	193.4	188.5	186.8
145°	*179.4*	176.9	187.6	185.2	184.3
147.5°	*172.8*	171.1	181.0	180.2	180.2
150°	*167.0*	165.3	175.2	174.4	175.2
152.5°	*161.2*	159.5	168.6	167.8	168.6
155°	*157.1*	155.4	162.8	162.8	162.8
157.5°	*153.7*	152.9	158.7	158.7	158.7
160°	*151.3*	150.4	155.4	155.4	154.6
162.5°	*148.8*	148.0	153.7	152.9	152.9
165°	*147.1*	147.1	151.3	151.3	150.4
167.5°	*147.1*	146.3	150.4	150.4	149.6
170°	*146.3*	146.3	149.6	148.8	148.0
172.5°	*146.3*	146.3	149.6	148.8	148.0
175°	*145.5*	145.5	148.0	148.0	148.0
177.5°	*146.3*	146.3	148.0	148.0	147.1
180°	*147.1*	147.1	147.1	147.1	147.1

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TEST NUMBER: P1436268
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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	14.33	15.44	14.87	15.96	16.54	14.33	15.44	14.87	15.96	16.54
	3H	15.82	16.80	16.37	17.34	17.95	15.82	16.80	16.37	17.34	17.95
	4H	16.34	17.26	16.91	17.81	18.44	16.34	17.26	16.91	17.81	18.44
	6H	16.66	17.50	17.25	18.07	18.71	16.66	17.50	17.25	18.07	18.71
	8H	16.73	17.53	17.33	18.11	18.76	16.73	17.53	17.33	18.11	18.76
	12H	16.74	17.50	17.34	18.08	18.75	16.74	17.50	17.34	18.08	18.75
4H	2H	14.77	15.69	15.35	16.24	16.87	14.77	15.69	15.35	16.24	16.87
	3H	16.46	17.22	17.05	17.81	18.46	16.46	17.22	17.05	17.81	18.46
	4H	17.09	17.77	17.70	18.37	19.05	17.09	17.77	17.70	18.37	19.05
	6H	17.51	18.10	18.14	18.72	19.42	17.51	18.10	18.14	18.72	19.42
	8H	17.60	18.15	18.24	18.78	19.48	17.60	18.15	18.24	18.78	19.48
	12H	17.63	18.12	18.28	18.77	19.48	17.63	18.12	18.28	18.77	19.48
8H	4H	17.26	17.81	17.90	18.43	19.14	17.26	17.81	17.90	18.43	19.14
	6H	17.77	18.22	18.44	18.89	19.60	17.77	18.22	18.44	18.89	19.60
	8H	17.91	18.31	18.59	18.99	19.71	17.91	18.31	18.59	18.99	19.71
	12H	17.98	18.33	18.65	18.99	19.78	17.98	18.33	18.65	18.99	19.78
12H	4H	17.25	17.73	17.90	18.39	19.10	17.25	17.73	17.90	18.39	19.10
	6H	17.78	18.17	18.46	18.85	19.58	17.78	18.17	18.46	18.85	19.58
	8H	17.94	18.29	18.62	18.96	19.75	17.94	18.29	18.62	18.96	19.75

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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: SP1-2506-472-1

Test Date: 07/30/2025

Luminaire Tested: EHBR-60-L840-N

Data in this report applies to families of products including EHBR-60-L840-N

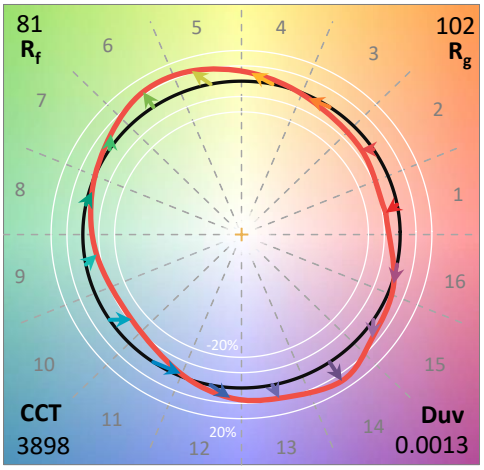
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-1
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-L840-N**
Description:	Elevate Round Highbay at, 60000 lumens, 4000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K):	3898	CRI (Ra):	82.1		
CIE u':	0.2263	R1:	84.4	R9:	38.5
CIE v':	0.5052	R2:	83.5	R10:	58.9
Duv:	0.0013	R3:	80.8	R11:	83.6
CIE x:	0.3861	R4:	83.9	R12:	54.2
CIE y:	0.3831	R5:	82.1	R13:	82.8
CIE z:	0.2308	R6:	77.3	R14:	88.2
Peak Wavelength (nm):	630	R7:	86.4	R15:	81.2
Dominant Wavelength (nm):	578	R8:	78.3		
Purity:	30.85729				
Rf:	80.7				
Rg:	102.1				



Test Conditions

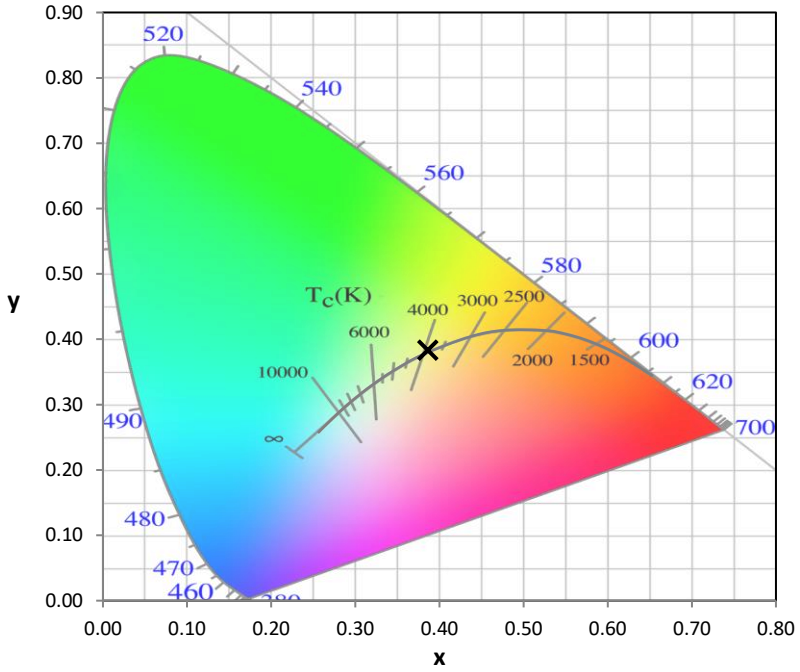
Stabilization Time:	42M
Operation Time:	1H 42M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-1

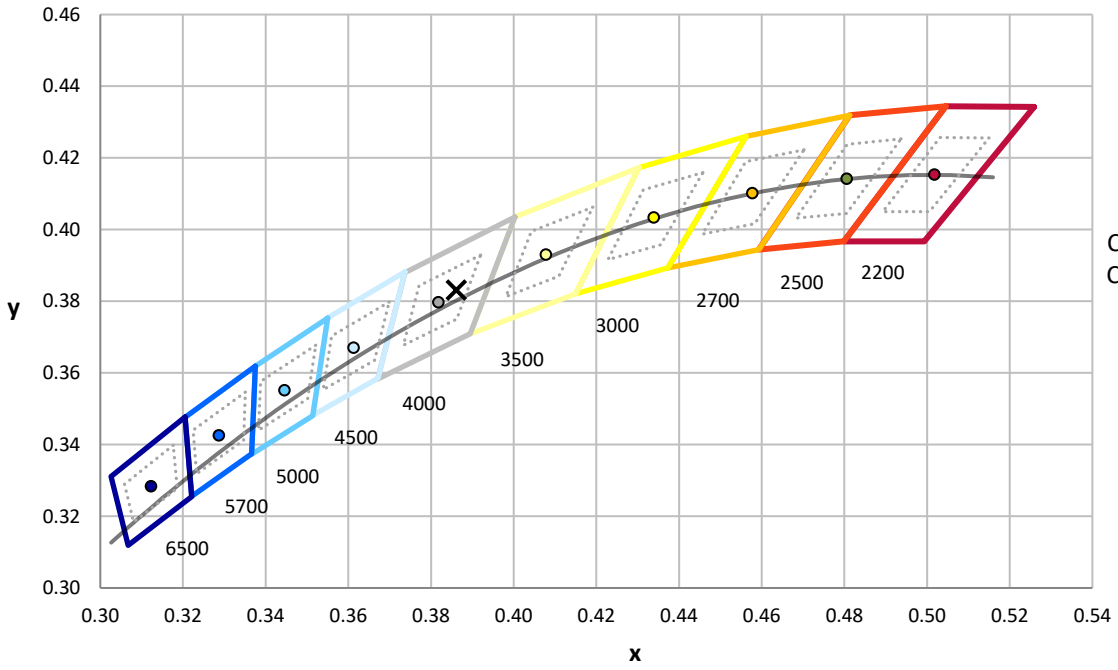
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

CIE 1931 Chromaticity Diagram



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

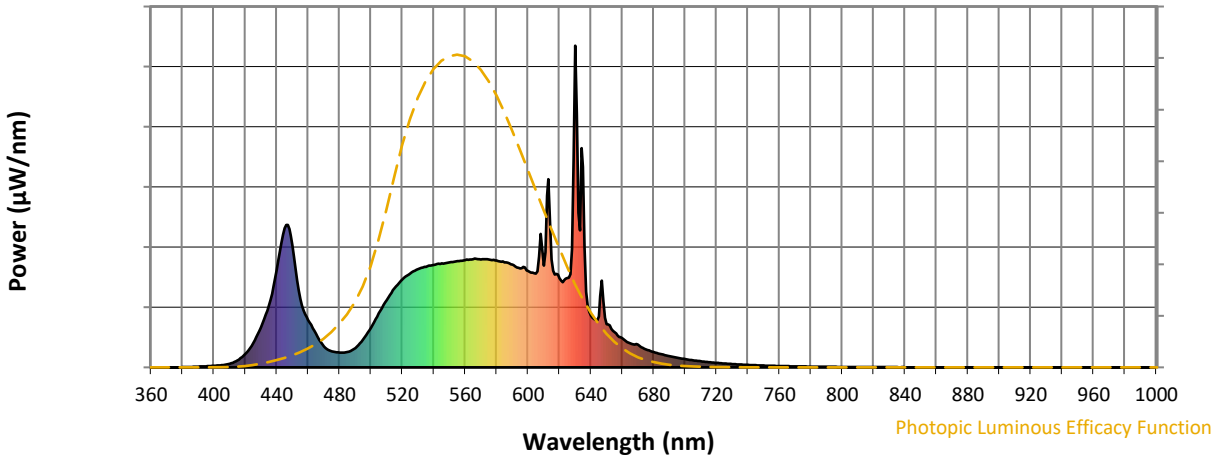


CCT = 3898K
CIE x = 0.3861
CIE y = 0.3831
Duv = 0.0013

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-1

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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

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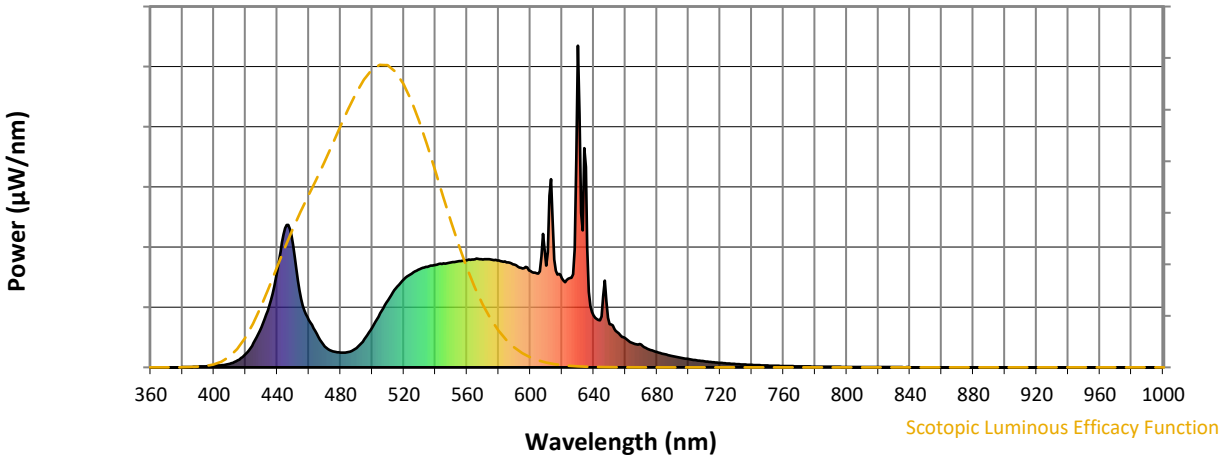
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.55**

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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

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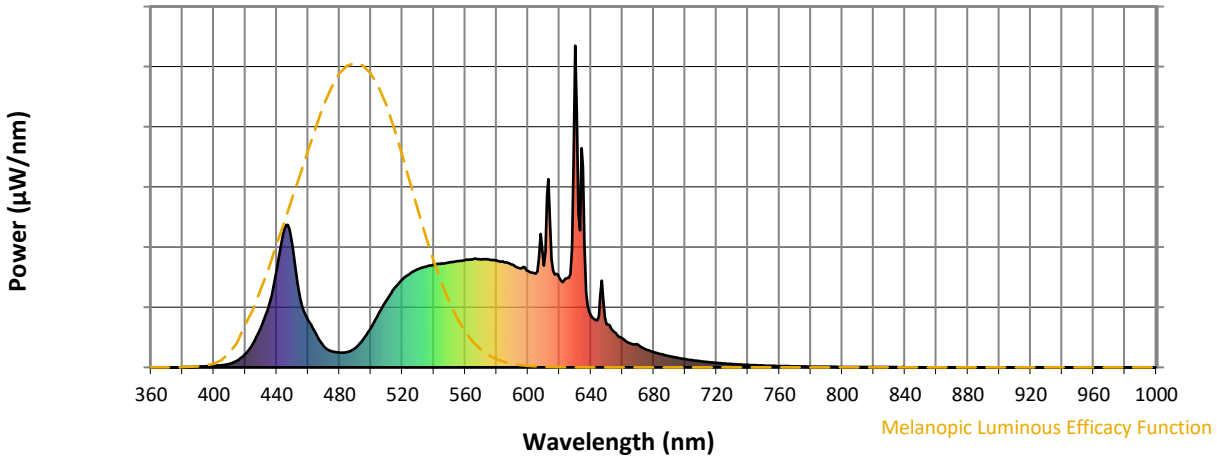
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.99**

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	60	NR	620	277	NR	750	6	NR	880	0	NR
365	0	NR	495	87	NR	625	278	NR	755	5	NR	885	0	NR
370	0	NR	500	124	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	168	NR	635	623	NR	765	4	NR	895	0	NR
380	1	NR	510	209	NR	640	162	NR	770	3	NR	900	0	NR
385	1	NR	515	246	NR	645	158	NR	775	3	NR	905	0	NR
390	2	NR	520	273	NR	650	134	NR	780	2	NR	910	0	NR
395	4	NR	525	292	NR	655	109	NR	785	2	NR	915	0	NR
400	5	NR	530	305	NR	660	91	NR	790	2	NR	920	0	NR
405	7	NR	535	313	NR	665	75	NR	795	2	NR	925	0	NR
410	11	NR	540	319	NR	670	70	NR	800	1	NR	930	0	NR
415	21	NR	545	323	NR	675	56	NR	805	1	NR	935	0	NR
420	42	NR	550	326	NR	680	47	NR	810	1	NR	940	0	NR
425	76	NR	555	330	NR	685	41	NR	815	1	NR	945	0	NR
430	125	NR	560	333	NR	690	35	NR	820	1	NR	950	0	NR
435	193	NR	565	336	NR	695	30	NR	825	1	NR	955	0	NR
440	302	NR	570	336	NR	700	26	NR	830	1	NR	960	0	NR
445	432	NR	575	335	NR	705	22	NR	835	1	NR	965	0	NR
450	380	NR	580	332	NR	710	19	NR	840	0	NR	970	0	NR
455	213	NR	585	326	NR	715	16	NR	845	0	NR	975	0	NR
460	147	NR	590	319	NR	720	14	NR	850	0	NR	980	0	NR
465	104	NR	595	307	NR	725	12	NR	855	0	NR	985	0	NR
470	65	NR	600	299	NR	730	10	NR	860	0	NR	990	0	NR
475	50	NR	605	291	NR	735	9	NR	865	0	NR	995	0	NR
480	46	NR	610	317	NR	740	8	NR	870	0	NR	1000	0	NR
485	47	NR	615	336	NR	745	7	NR	875	0	NR			

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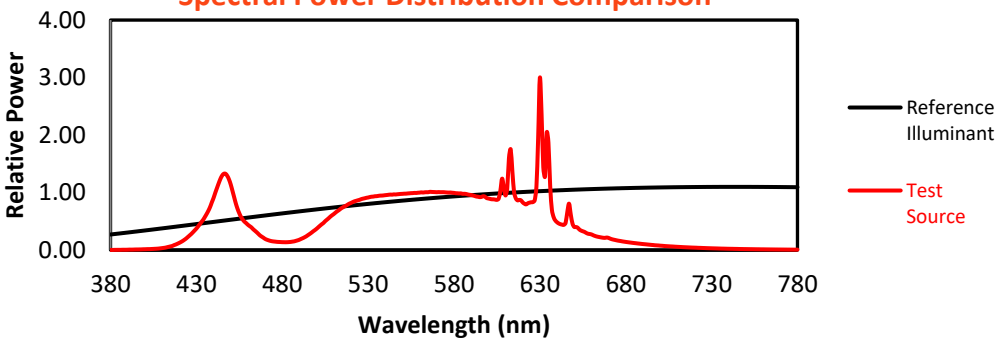
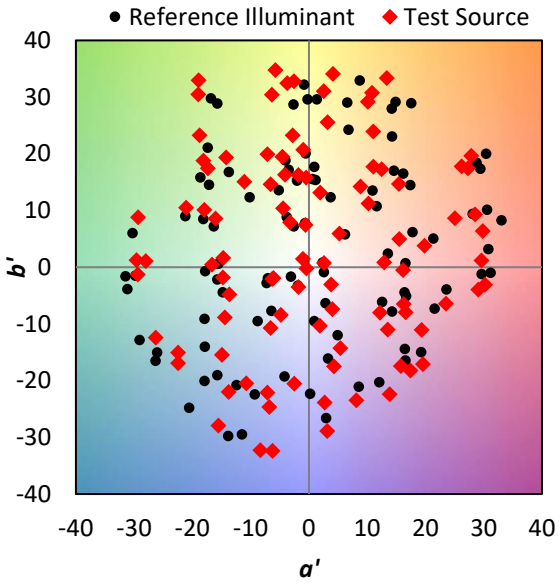
Summary

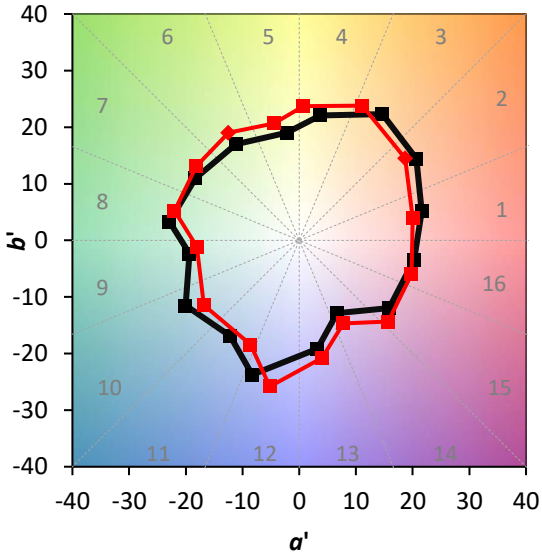
R_f = 80.7
R_g = 102.1
CIE R_a = 82.1
R_9 = 38.5

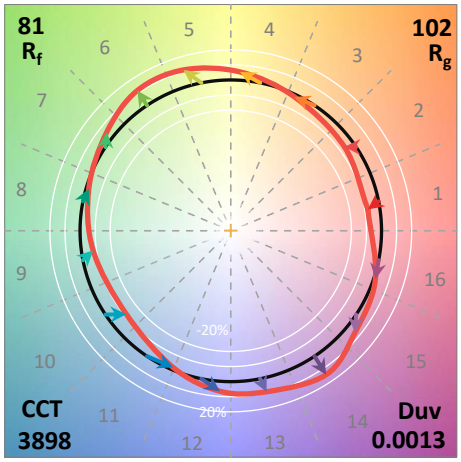
Spectral Power Distribution Comparison

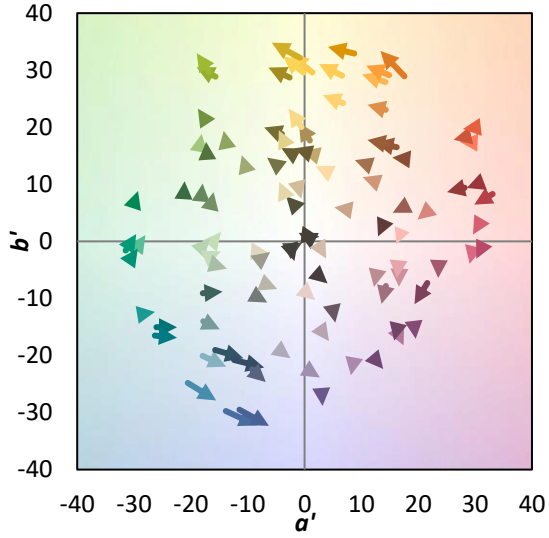


Color Vector Graphics









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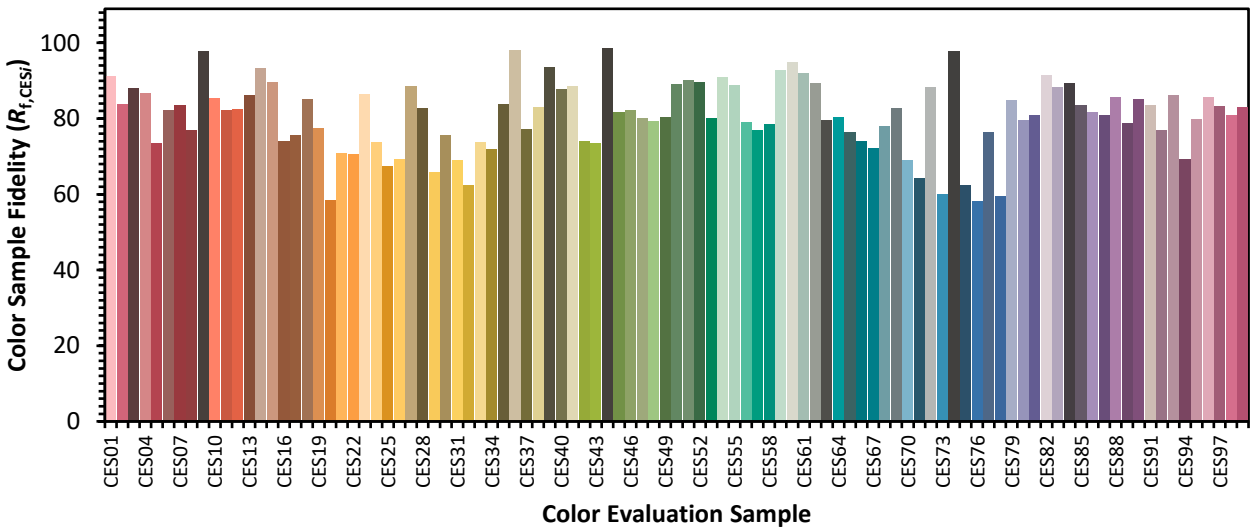
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 69	CES51 = 90	CES76 = 58
CES02 = 61	CES27 = 89	CES52 = 90	CES77 = 76
CES03 = 31	CES28 = 83	CES53 = 80	CES78 = 60
CES04 = 69	CES29 = 66	CES54 = 91	CES79 = 85
CES05 = 48	CES30 = 76	CES55 = 89	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 79	CES81 = 81
CES07 = 41	CES32 = 62	CES57 = 77	CES82 = 91
CES08 = 40	CES33 = 74	CES58 = 79	CES83 = 88
CES09 = 29	CES34 = 72	CES59 = 93	CES84 = 89
CES10 = 74	CES35 = 84	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 92	CES86 = 82
CES12 = 63	CES37 = 77	CES62 = 89	CES87 = 81
CES13 = 43	CES38 = 83	CES63 = 80	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 80	CES89 = 79
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 74	CES91 = 83
CES17 = 49	CES42 = 74	CES67 = 72	CES92 = 77
CES18 = 56	CES43 = 73	CES68 = 78	CES93 = 86
CES19 = 71	CES44 = 98	CES69 = 83	CES94 = 69
CES20 = 65	CES45 = 82	CES70 = 69	CES95 = 80
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 86
CES22 = 78	CES47 = 80	CES72 = 88	CES97 = 83
CES23 = 91	CES48 = 79	CES73 = 60	CES98 = 81
CES24 = 90	CES49 = 80	CES74 = 98	CES99 = 83
CES25 = 71	CES50 = 89	CES75 = 62	



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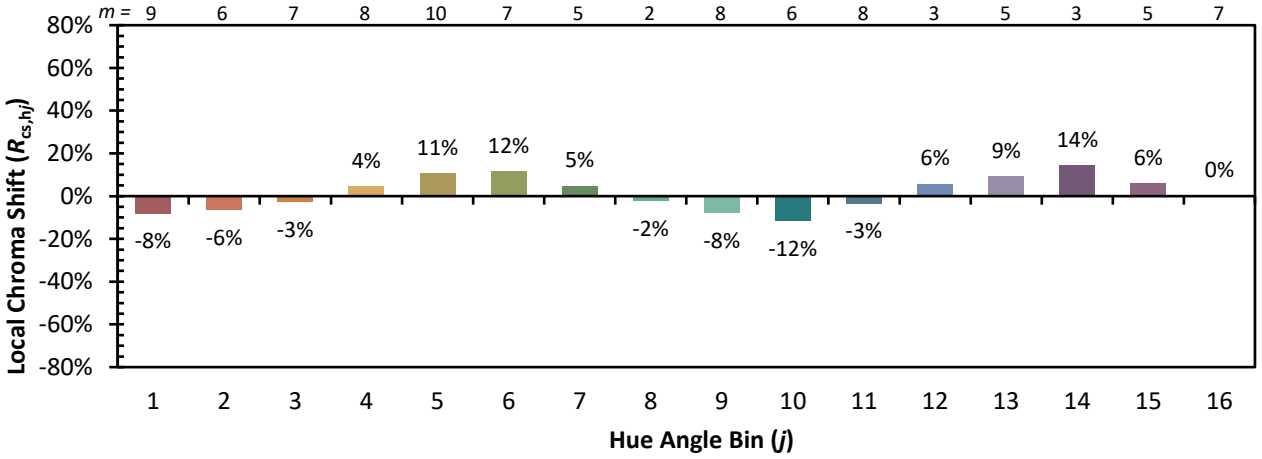
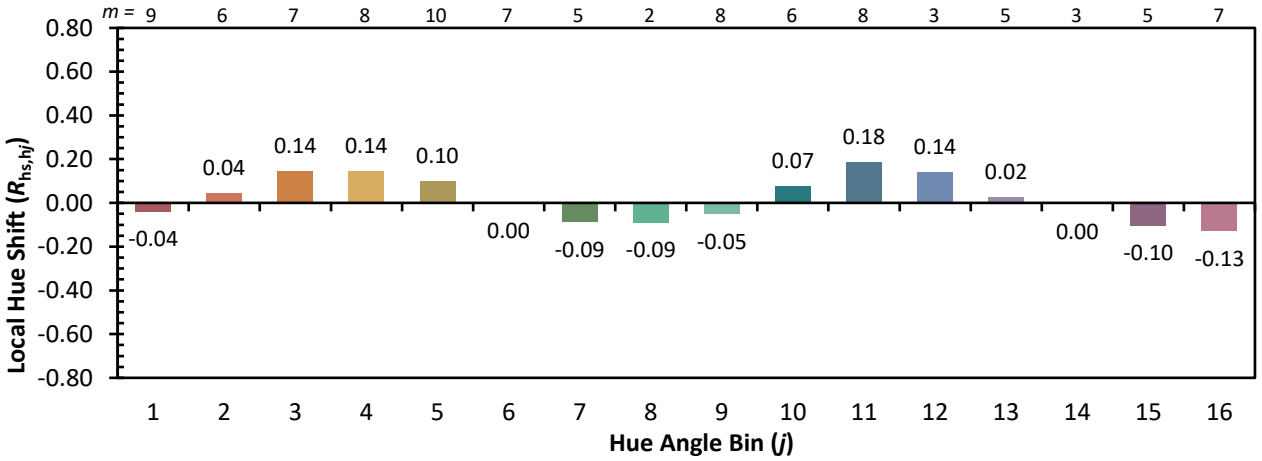
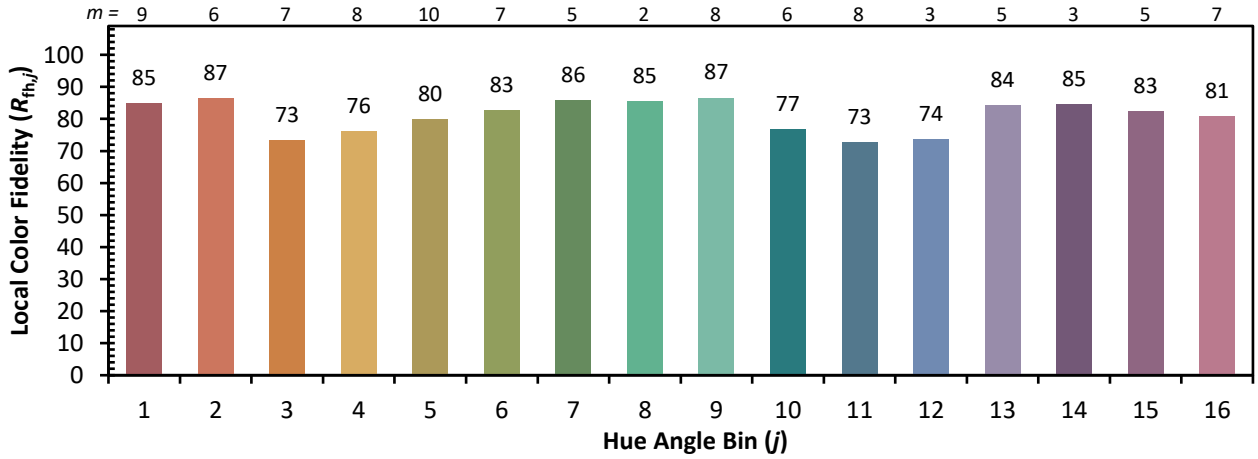
Color Rendition by Hue-Angle Bin







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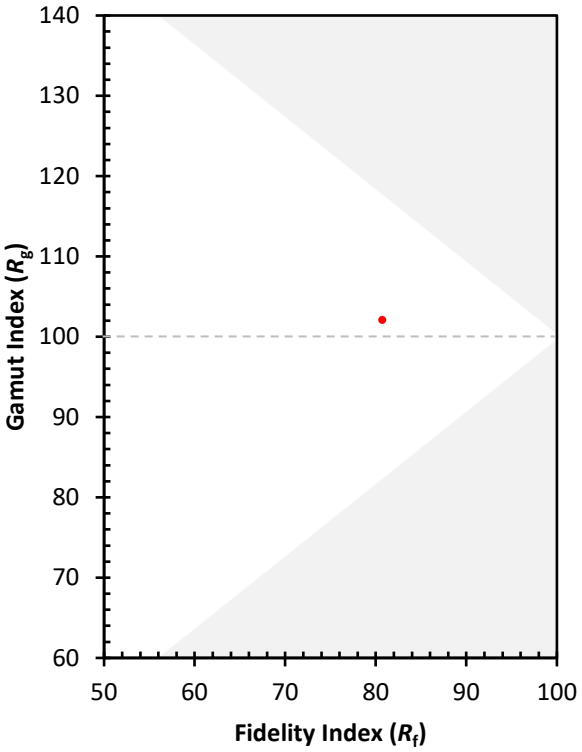
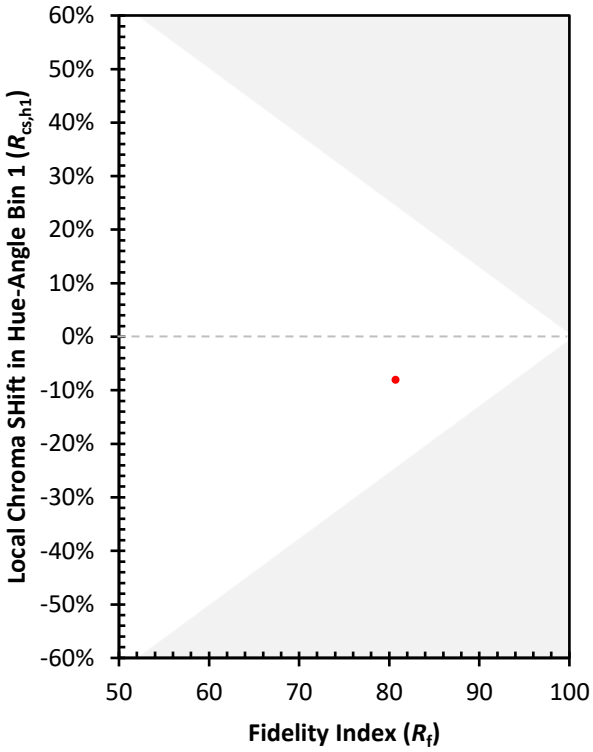
Measure Comparisons





(END OF REPORT)