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: P1436367

Luminaire Tested: EHBR1-30-UNV-M-L850-UPL30

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:	P1436367
	REPORT IS A COMBINATION OF REPORTS P1436079 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-30-UNV-M-L850-UPL30
Description:	Elevate Round Highbay at, 30000 lumens, 5000K 80CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33014.7 lumens
Efficiency:	N/A
Efficacy:	181.6 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:	Direct

Input Watts (W):	181.8
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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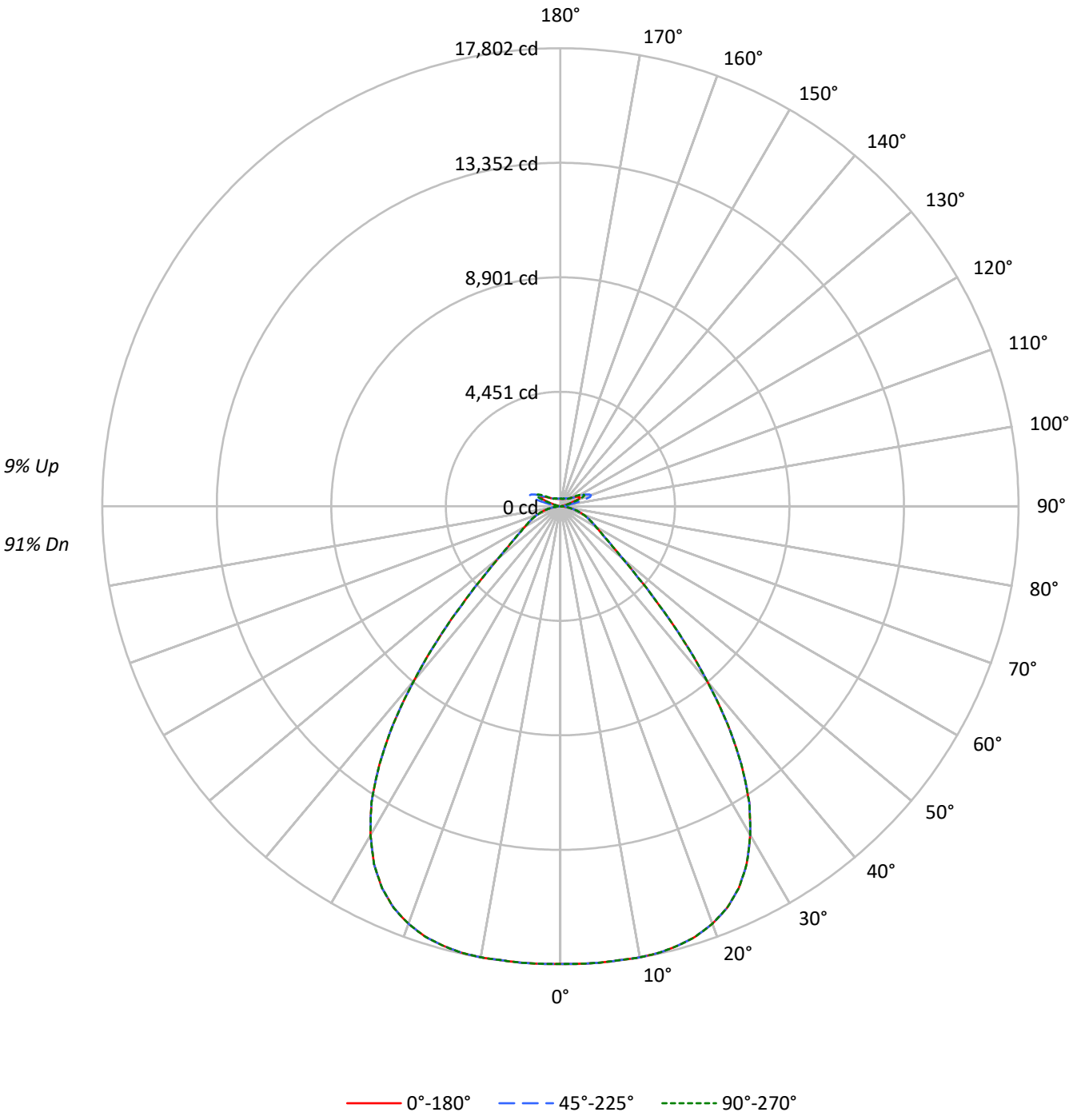
Luminous Intensity Polar Plot



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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	106	106	106	100	100	100	94	94	94	91
1	109	106	103	100	106	103	100	97	97	95	93	92	90	88	87	85	84	82
2	102	96	90	86	99	93	88	84	88	84	81	84	81	78	80	77	75	73
3	95	87	80	75	92	85	79	74	80	76	72	77	73	69	73	70	67	65
4	88	79	72	67	86	77	71	66	74	68	64	70	66	62	68	64	61	58
5	83	72	65	59	80	71	64	59	68	62	57	65	60	56	62	58	55	53
6	77	66	59	53	75	65	58	53	62	56	52	60	55	51	58	53	50	48
7	72	61	54	48	70	60	53	48	58	52	47	56	50	46	54	49	45	44
8	68	56	49	44	66	55	49	44	53	47	43	52	46	42	50	45	42	40
9	64	52	45	40	62	51	45	40	50	44	40	48	43	39	47	42	38	37
10	60	49	42	37	59	48	41	37	46	41	36	45	40	36	44	39	35	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	83521	83521	83521
5°	83377	83377	83377
10°	83768	83768	83768
15°	84249	84249	84249
20°	83995	83995	83995
25°	82034	82034	82034
30°	76707	76707	76707
35°	66805	66805	66805
40°	51198	51198	51198
45°	33446	33446	33446
50°	21085	21085	21085
55°	15718	15718	15718
60°	13233	13233	13233
65°	12032	12032	12032
70°	10961	10961	10961
75°	9385	9385	9385
80°	7225	7225	7225
85°	3791	3791	3791

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 33446 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1698.7	5.1
10°-20°	4988.4	15.1
20°-30°	7484.9	22.7
30°-40°	7530.6	22.8
40°-50°	4310.7	13.1
50°-60°	1971.6	6.0
60°-70°	1250.9	3.8
70°-80°	701.7	2.1
80°-90°	169.9	0.5
90°-100°	82.9	0.3
100°-110°	519.4	1.6
110°-120°	928.9	2.8
120°-130°	545.0	1.7
130°-140°	334.3	1.0
140°-150°	231.9	0.7
150°-160°	150.7	0.5
160°-170°	85.9	0.3
170°-180°	28.4	0.1
0°-30°	14171.9	42.9
0°-40°	21702.5	65.7
0°-60°	27984.8	84.8
0°-90°	30107.3	91.2
90°-120°	1531.2	4.6
90°-150°	2642.5	8.0
90°-180°	2907.0	8.8
0°-180°	33014.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	17785	17785	17785	17785	17785	
5°	17802	17802	17802	17802	17802	1699
15°	17675	17675	17675	17675	17675	4988
25°	16382	16382	16382	16382	16382	7485
35°	12261	12261	12261	12261	12261	7531
45°	5412	5412	5412	5412	5412	4311
55°	2124	2124	2124	2124	2124	1972
65°	1256	1256	1256	1256	1256	1251
75°	661	661	661	661	661	702
85°	130	130	130	130	130	159
90°	22	35	60	38	22	15
95°	37	62	135	67	42	35
105°	181	358	914	394	240	243
115°	835	879	1080	1035	1028	770
125°	602	563	578	586	657	549
135°	439	426	441	414	413	344
145°	361	356	378	373	371	229
155°	316	313	328	328	328	147
165°	296	296	305	305	303	85
175°	293	293	298	298	298	28
180°	296	296	296	296	296	

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TEST NUMBER: P1436367
CATALOG NUMBER: EHBR1-30-UNV-M-L850-UPL30

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*17785.1*	17785.1	17785.1	17785.1	17785.1
2.5°	*17793.7*	17793.7	17793.7	17793.7	17793.7
5°	*17802.4*	*17802.4*	*17802.4*	*17802.4*	*17802.4*
7.5°	*17790.2*	17790.2	17790.2	17790.2	17790.2
10°	*17797.7*	17797.7	17797.7	17797.7	17797.7
12.5°	*17767.2*	17767.2	17767.2	17767.2	17767.2
15°	*17675.1*	17675.1	17675.1	17675.1	17675.1
17.5°	*17523.0*	17523.0	17523.0	17523.0	17523.0
20°	*17263.5*	17263.5	17263.5	17263.5	17263.5
22.5°	*16906.7*	16906.7	16906.7	16906.7	16906.7
25°	*16382.1*	16382.1	16382.1	16382.1	16382.1
27.5°	*15676.2*	15676.2	15676.2	15676.2	15676.2
30°	*14754.6*	14754.6	14754.6	14754.6	14754.6
32.5°	*13663.6*	13663.6	13663.6	13663.6	13663.6
35°	*12261.1*	12261.1	12261.1	12261.1	12261.1
37.5°	*10672.4*	10672.4	10672.4	10672.4	10672.4
40°	*8873.9*	8873.9	8873.9	8873.9	8873.9
42.5°	*7091.3*	7091.3	7091.3	7091.3	7091.3
45°	*5411.5*	5411.5	5411.5	5411.5	5411.5
47.5°	*4073.6*	4073.6	4073.6	4073.6	4073.6
50°	*3142.4*	3142.4	3142.4	3142.4	3142.4
52.5°	*2538.8*	2538.8	2538.8	2538.8	2538.8
55°	*2124.1*	2124.1	2124.1	2124.1	2124.1
57.5°	*1818.8*	1818.8	1818.8	1818.8	1818.8
60°	*1590.8*	1590.8	1590.8	1590.8	1590.8
62.5°	*1414.7*	1414.7	1414.7	1414.7	1414.7
65°	*1255.9*	1255.9	1255.9	1255.9	1255.9
67.5°	*1109.9*	1109.9	1109.9	1109.9	1109.9
70°	*961.8*	961.8	961.8	961.8	961.8
72.5°	*812.7*	812.7	812.7	812.7	812.7
75°	*661.1*	661.1	661.1	661.1	661.1
77.5°	*517.1*	517.1	517.1	517.1	517.1
80°	*380.1*	380.1	380.1	380.1	380.1
82.5°	*247.8*	247.8	247.8	247.8	247.8
85°	*130.3*	130.3	130.3	130.3	130.3
87.5°	*37.1*	37.1	37.1	37.1	37.1
90°	*21.6*	35.0	59.9	38.3	21.6
92.5°	*31.6*	53.2	96.6	49.9	28.3
95°	*36.6*	61.6	134.8	66.6	41.6
97.5°	*46.6*	68.3	154.8	81.5	64.9
100°	*61.6*	79.9	241.3	99.9	86.5
102.5°	*104.8*	169.7	512.6	188.1	131.5
105°	*181.4*	357.8	913.7	394.5	239.7
107.5°	*314.5*	640.7	1205.0	699.0	454.3
110°	*587.5*	850.5	1263.2	960.3	727.3

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CATALOG NUMBER: EHBR1-30-UNV-M-L850-UPL30

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*793.9*	913.7	1210.0	1060.2	947.0
115°	*835.4*	878.7	1080.1	1035.2	1028.5
117.5°	*807.1*	802.2	917.1	930.3	993.6
120°	*747.2*	714.0	765.6	812.1	897.0
122.5°	*672.4*	632.4	655.8	690.6	775.6
125°	*602.4*	562.6	577.5	585.8	657.4
127.5°	*540.9*	514.2	522.6	512.6	557.5
130°	*499.3*	476.0	487.6	464.3	485.9
132.5°	*464.3*	449.4	462.7	434.4	441.0
135°	*439.4*	426.0	441.0	414.4	412.8
137.5°	*417.8*	406.1	421.1	401.1	396.1
140°	*397.7*	387.8	404.4	389.5	386.1
142.5°	*376.1*	369.4	389.5	379.5	376.1
145°	*361.2*	356.2	377.8	372.8	371.1
147.5°	*347.8*	344.5	364.5	362.9	362.9
150°	*336.2*	332.9	352.8	351.2	352.8
152.5°	*324.5*	321.2	339.5	337.8	339.5
155°	*316.2*	312.9	327.9	327.9	327.9
157.5°	*309.5*	307.8	319.5	319.5	319.5
160°	*304.6*	302.9	312.9	312.9	311.2
162.5°	*299.6*	297.9	309.5	307.8	307.8
165°	*296.3*	296.3	304.6	304.6	302.9
167.5°	*296.3*	294.6	302.9	302.9	301.3
170°	*294.6*	294.6	301.3	299.6	297.9
172.5°	*294.6*	294.6	301.3	299.6	297.9
175°	*292.9*	292.9	297.9	297.9	297.9
177.5°	*294.6*	294.6	297.9	297.9	296.3
180°	*296.3*	296.3	296.3	296.3	296.3

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TEST NUMBER: P1436367
CATALOG NUMBER: EHBR1-30-UNV-M-L850-UPL30

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	17.56	18.69	18.07	19.18	19.71	17.56	18.69	18.07	19.18	19.71
	3H	19.04	20.04	19.57	20.55	21.13	19.04	20.04	19.57	20.55	21.13
	4H	19.56	20.50	20.11	21.02	21.62	19.56	20.50	20.11	21.02	21.62
	6H	19.88	20.75	20.45	21.28	21.89	19.88	20.75	20.45	21.28	21.89
	8H	19.95	20.77	20.53	21.33	21.94	19.95	20.77	20.53	21.33	21.94
	12H	19.96	20.74	20.54	21.29	21.93	19.96	20.74	20.54	21.29	21.93
4H	2H	17.99	18.93	18.54	19.45	20.05	17.99	18.93	18.54	19.45	20.05
	3H	19.68	20.46	20.25	21.02	21.63	19.68	20.46	20.25	21.02	21.63
	4H	20.31	21.01	20.90	21.58	22.23	20.31	21.01	20.90	21.58	22.23
	6H	20.74	21.33	21.34	21.94	22.60	20.74	21.33	21.34	21.94	22.60
	8H	20.83	21.39	21.44	21.99	22.66	20.83	21.39	21.44	21.99	22.66
	12H	20.86	21.35	21.49	21.98	22.66	20.86	21.35	21.49	21.98	22.66
8H	4H	20.49	21.05	21.10	21.65	22.32	20.49	21.05	21.10	21.65	22.32
	6H	21.00	21.45	21.64	22.10	22.78	21.00	21.45	21.64	22.10	22.78
	8H	21.14	21.54	21.80	22.20	22.89	21.14	21.54	21.80	22.20	22.89
	12H	21.20	21.56	21.86	22.20	22.96	21.20	21.56	21.86	22.20	22.96
12H	4H	20.48	20.97	21.10	21.60	22.27	20.48	20.97	21.10	21.60	22.27
	6H	21.00	21.41	21.66	22.07	22.76	21.00	21.41	21.66	22.07	22.76
	8H	21.17	21.53	21.83	22.17	22.93	21.17	21.53	21.83	22.17	22.93

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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: SP1-2506-472-4

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L850-N

Data in this report applies to families of products including EHBR-60-L850-N

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

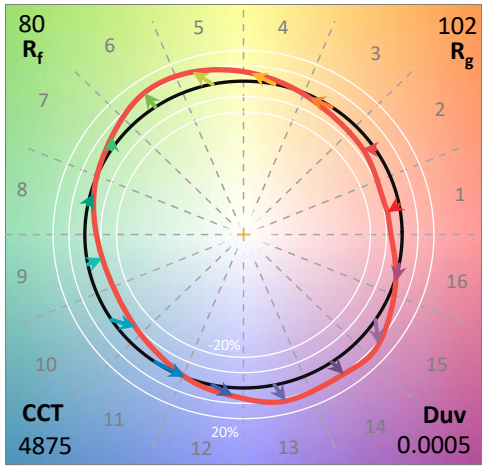
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-4
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-L850-N**
Description:	Elevate Round Highbay at, 60000 lumens, 5000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K):	4875
CIE u':	0.2124
CIE v':	0.4871
Duv:	0.0005
CIE x:	0.3488
CIE y:	0.3555
CIE z:	0.2957
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	573
Purity:	11.33556
Rf:	80
Rg:	102.3

CRI (Ra):	82.3				
R1:	85.0	R9:	43.9		
R2:	83.1	R10:	57.4		
R3:	78.8	R11:	83.1		
R4:	84.0	R12:	51.0		
R5:	83.0	R13:	83.4		
R6:	76.3	R14:	87.4		
R7:	86.8	R15:	83.4		
R8:	81.7				



Test Conditions

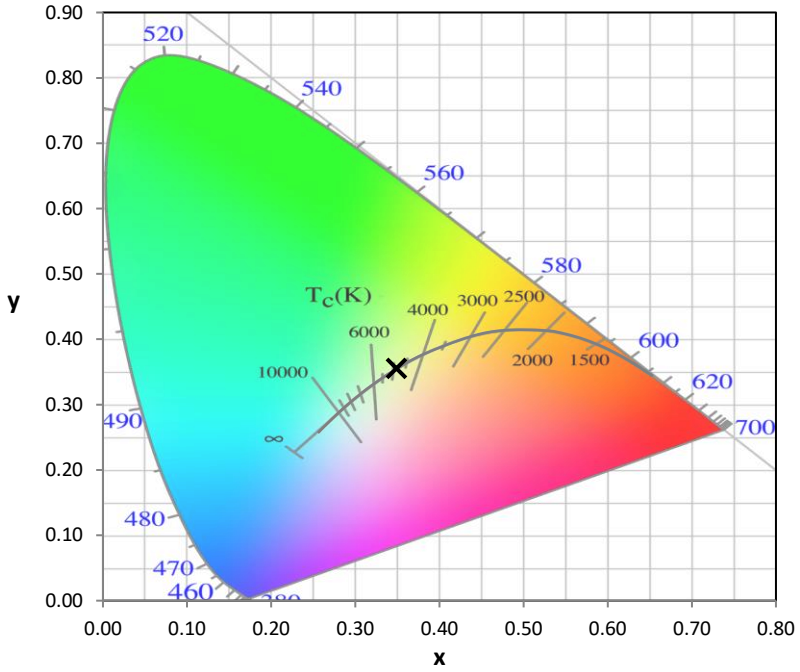
Stabilization Time:	39M
Operation Time:	1H 39M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-4

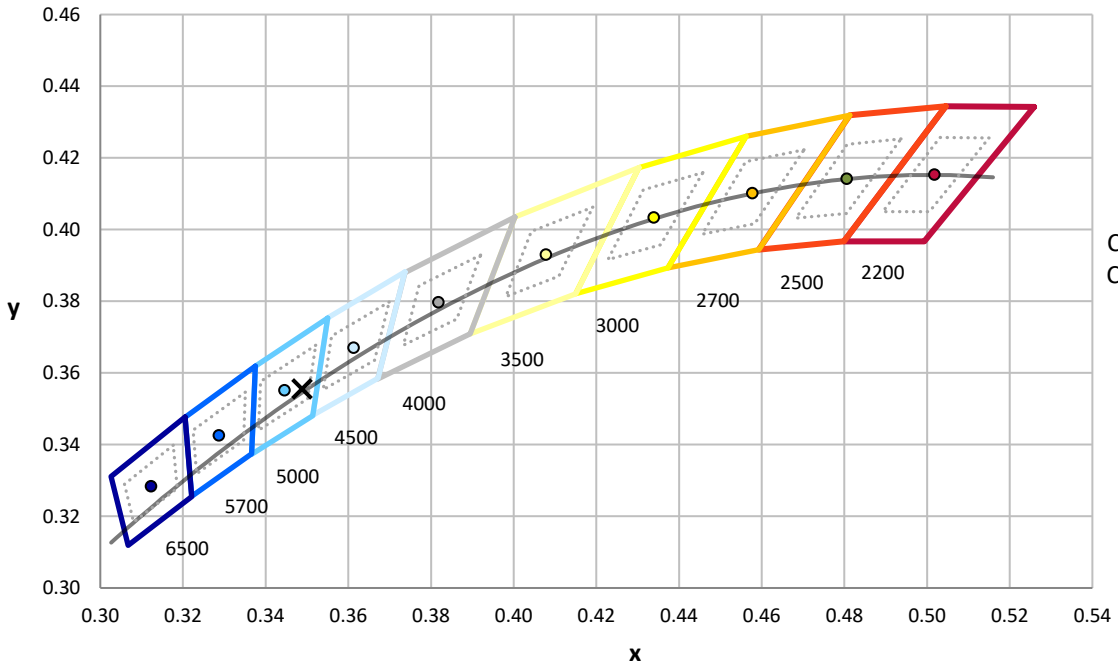
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-4

CIE 1931 Chromaticity Diagram



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

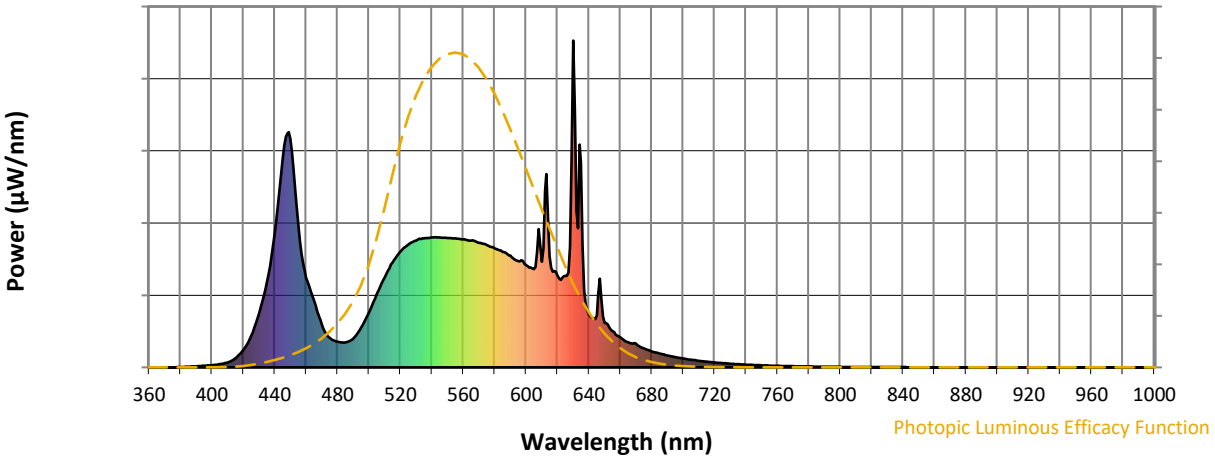


CCT = 4875K
CIE x = 0.3488
CIE y = 0.3555
Duv = 0.0005

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-4

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

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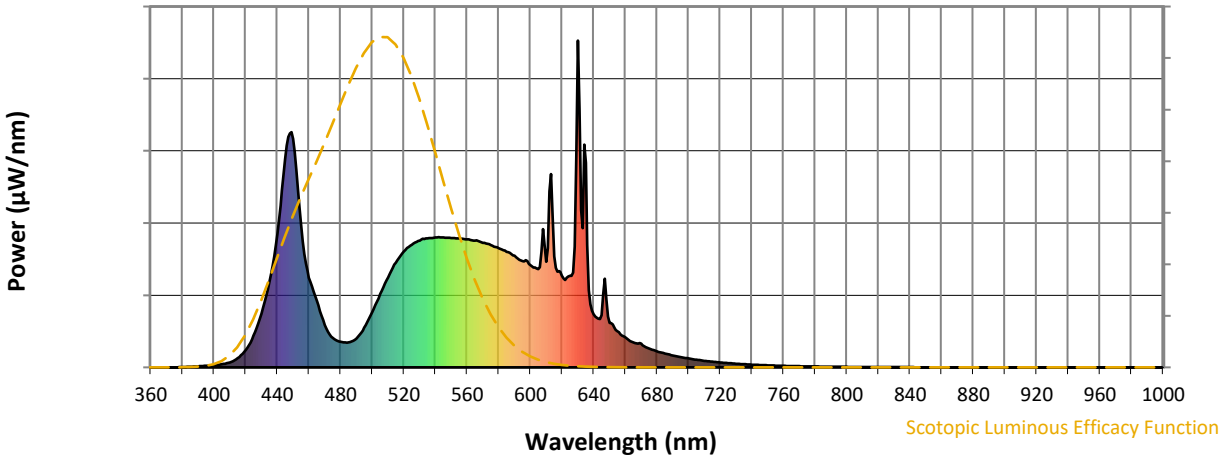
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.82**

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

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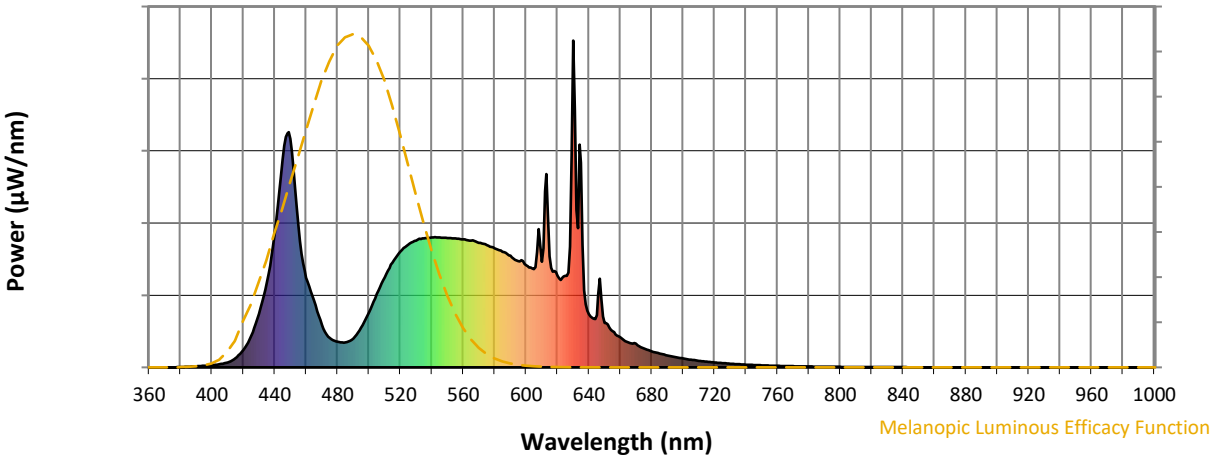
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.71**

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	89	NR	620	280	NR	750	6	NR	880	0	NR
365	0	NR	495	121	NR	625	280	NR	755	5	NR	885	0	NR
370	0	NR	500	168	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	224	NR	635	626	NR	765	4	NR	895	0	NR
380	1	NR	510	275	NR	640	163	NR	770	4	NR	900	0	NR
385	2	NR	515	321	NR	645	160	NR	775	3	NR	905	0	NR
390	3	NR	520	354	NR	650	136	NR	780	3	NR	910	0	NR
395	5	NR	525	375	NR	655	111	NR	785	2	NR	915	0	NR
400	7	NR	530	388	NR	660	93	NR	790	2	NR	920	0	NR
405	10	NR	535	395	NR	665	76	NR	795	2	NR	925	0	NR
410	15	NR	540	397	NR	670	72	NR	800	2	NR	930	0	NR
415	28	NR	545	398	NR	675	57	NR	805	1	NR	935	0	NR
420	53	NR	550	396	NR	680	49	NR	810	1	NR	940	0	NR
425	97	NR	555	395	NR	685	42	NR	815	1	NR	945	0	NR
430	163	NR	560	392	NR	690	37	NR	820	1	NR	950	0	NR
435	261	NR	565	388	NR	695	32	NR	825	1	NR	955	0	NR
440	409	NR	570	381	NR	700	27	NR	830	1	NR	960	0	NR
445	637	NR	575	374	NR	705	23	NR	835	1	NR	965	0	NR
450	699	NR	580	365	NR	710	20	NR	840	1	NR	970	0	NR
455	436	NR	585	354	NR	715	17	NR	845	0	NR	975	0	NR
460	274	NR	590	342	NR	720	15	NR	850	0	NR	980	0	NR
465	205	NR	595	325	NR	725	13	NR	855	0	NR	985	0	NR
470	130	NR	600	313	NR	730	11	NR	860	0	NR	990	0	NR
475	90	NR	605	301	NR	735	10	NR	865	0	NR	995	0	NR
480	78	NR	610	323	NR	740	8	NR	870	0	NR	1000	0	NR
485	77	NR	615	340	NR	745	7	NR	875	0	NR			

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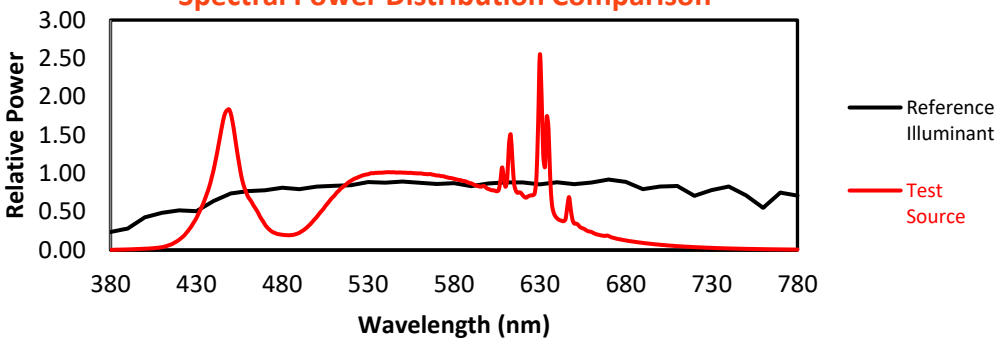
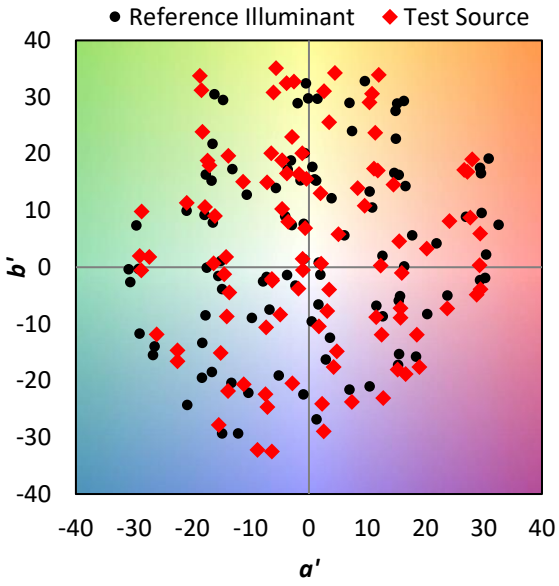
Summary

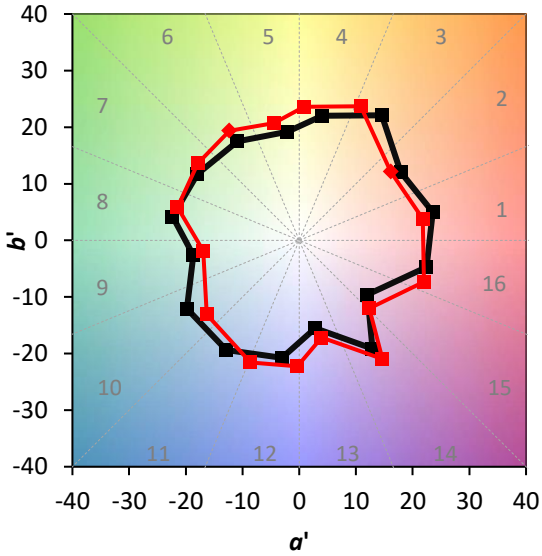
R_f = 80
R_g = 102.3
CIE R_a = 82.3
R_9 = 43.9

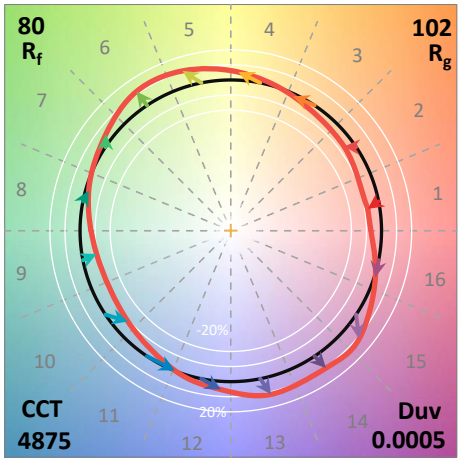
Spectral Power Distribution Comparison

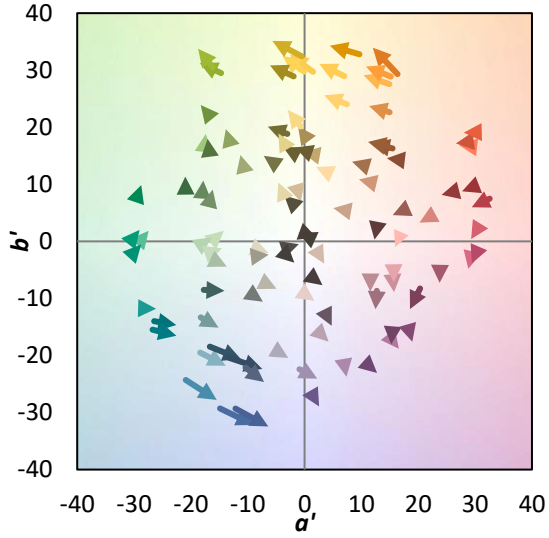


Color Vector Graphics









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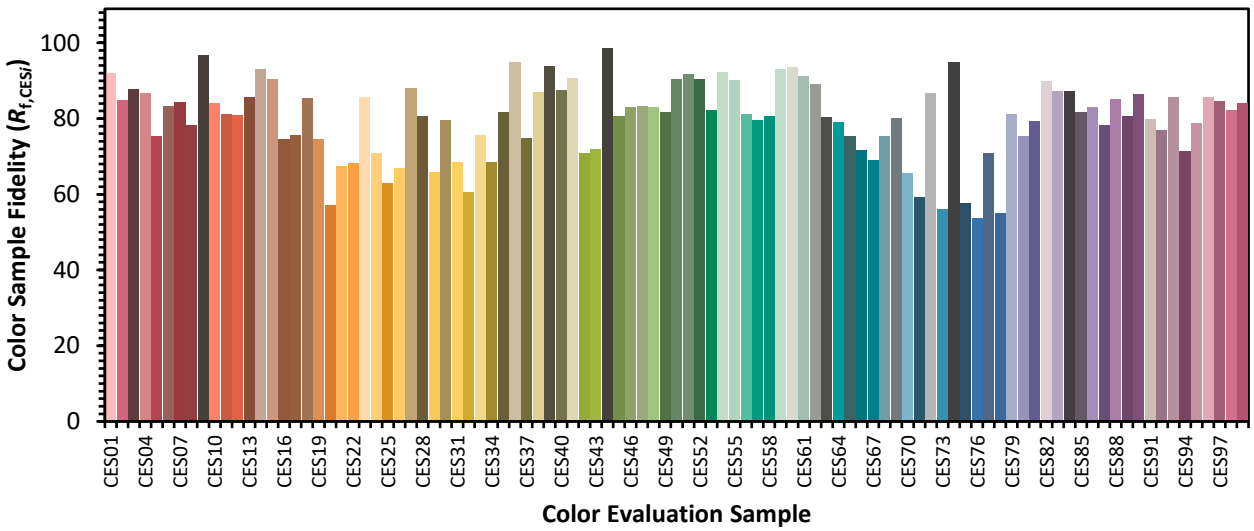
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 67	CES51 = 92	CES76 = 54
CES02 = 60	CES27 = 88	CES52 = 91	CES77 = 71
CES03 = 31	CES28 = 81	CES53 = 82	CES78 = 55
CES04 = 69	CES29 = 66	CES54 = 92	CES79 = 81
CES05 = 47	CES30 = 80	CES55 = 90	CES80 = 75
CES06 = 50	CES31 = 69	CES56 = 81	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 80	CES82 = 90
CES08 = 39	CES33 = 76	CES58 = 81	CES83 = 87
CES09 = 29	CES34 = 68	CES59 = 93	CES84 = 87
CES10 = 73	CES35 = 82	CES60 = 94	CES85 = 82
CES11 = 56	CES36 = 95	CES61 = 91	CES86 = 83
CES12 = 62	CES37 = 75	CES62 = 89	CES87 = 78
CES13 = 42	CES38 = 87	CES63 = 80	CES88 = 85
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 81
CES15 = 71	CES40 = 87	CES65 = 75	CES90 = 86
CES16 = 46	CES41 = 91	CES66 = 72	CES91 = 80
CES17 = 48	CES42 = 71	CES67 = 69	CES92 = 77
CES18 = 56	CES43 = 72	CES68 = 75	CES93 = 86
CES19 = 70	CES44 = 99	CES69 = 80	CES94 = 71
CES20 = 65	CES45 = 81	CES70 = 66	CES95 = 79
CES21 = 85	CES46 = 83	CES71 = 59	CES96 = 86
CES22 = 77	CES47 = 83	CES72 = 87	CES97 = 85
CES23 = 91	CES48 = 83	CES73 = 56	CES98 = 82
CES24 = 90	CES49 = 82	CES74 = 95	CES99 = 84
CES25 = 71	CES50 = 91	CES75 = 58	



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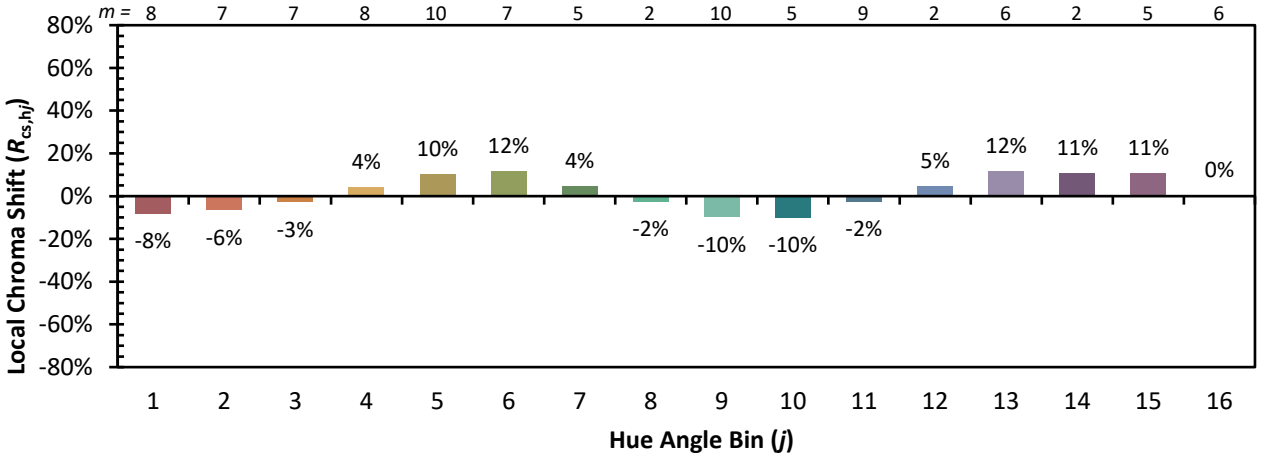
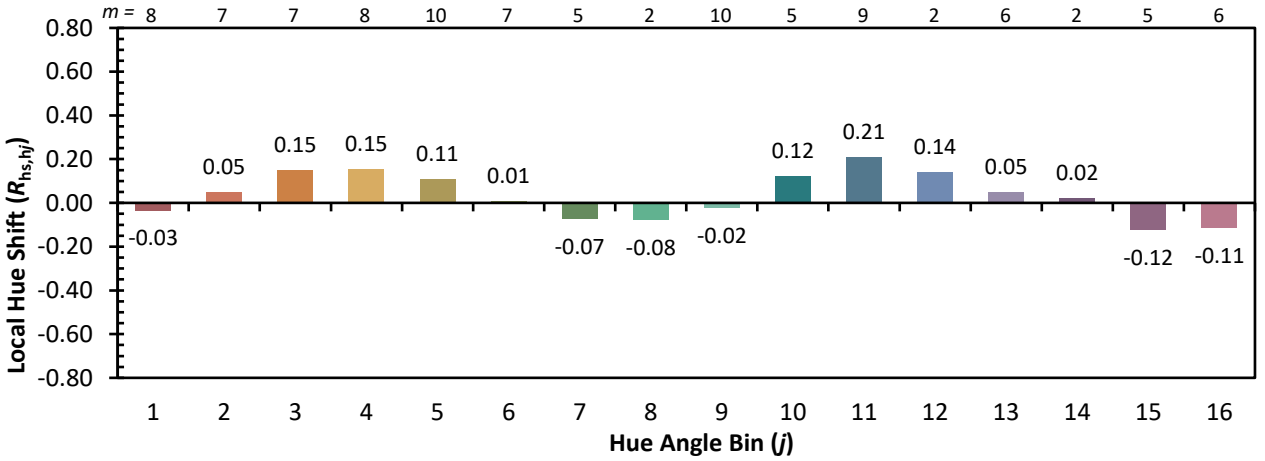
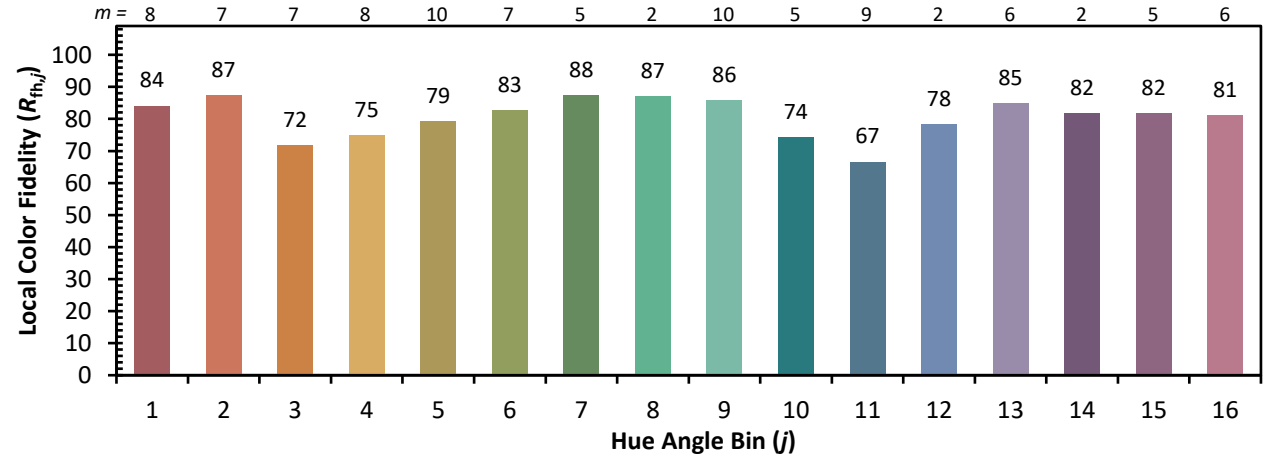
Color Rendition by Hue-Angle Bin







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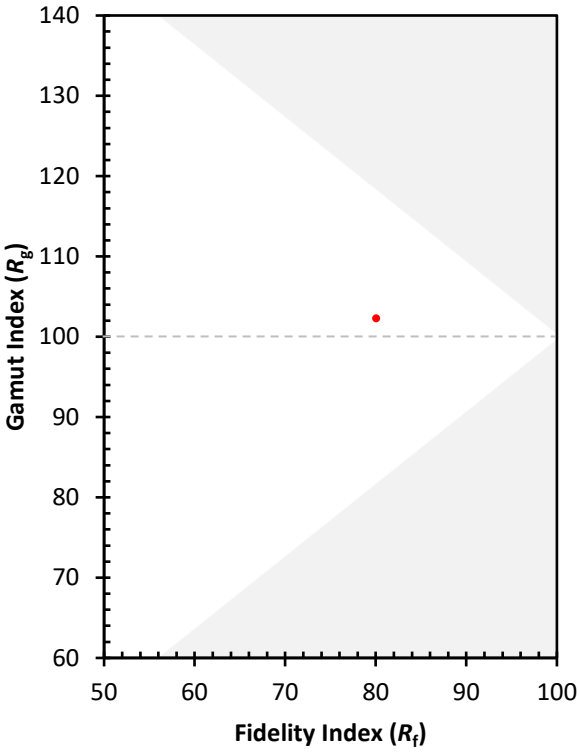
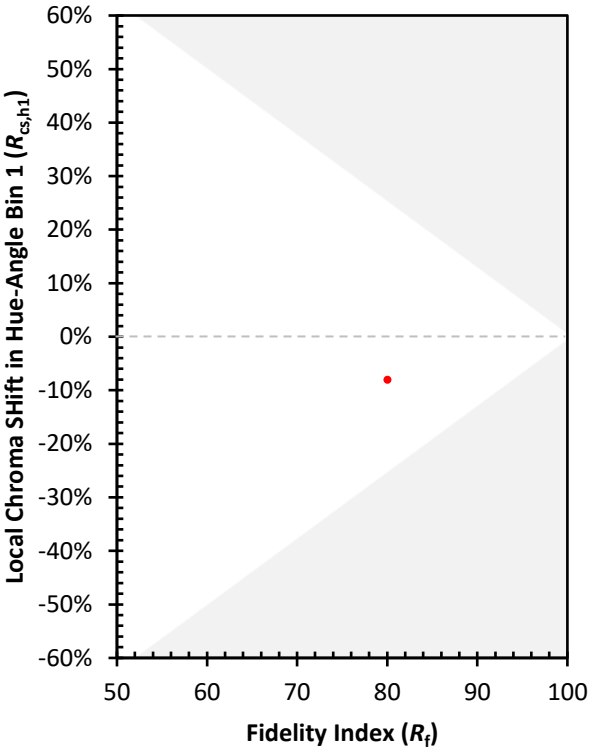
Measure Comparisons





(END OF REPORT)