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: P1436513

Luminaire Tested: EHBR1-30-UNV-M-L935-UPL40

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:	P1436513
	REPORT IS A COMBINATION OF REPORTS P1436081 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-30-UNV-M-L935-UPL40
Description:	Elevate Round Highbay at, 30000 lumens, 3500K 90CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31192.5 lumens
Efficiency:	N/A
Efficacy:	163.8 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:	Semi-Direct

Input Watts (W):	190.4
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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TEST NUMBER: P1436513
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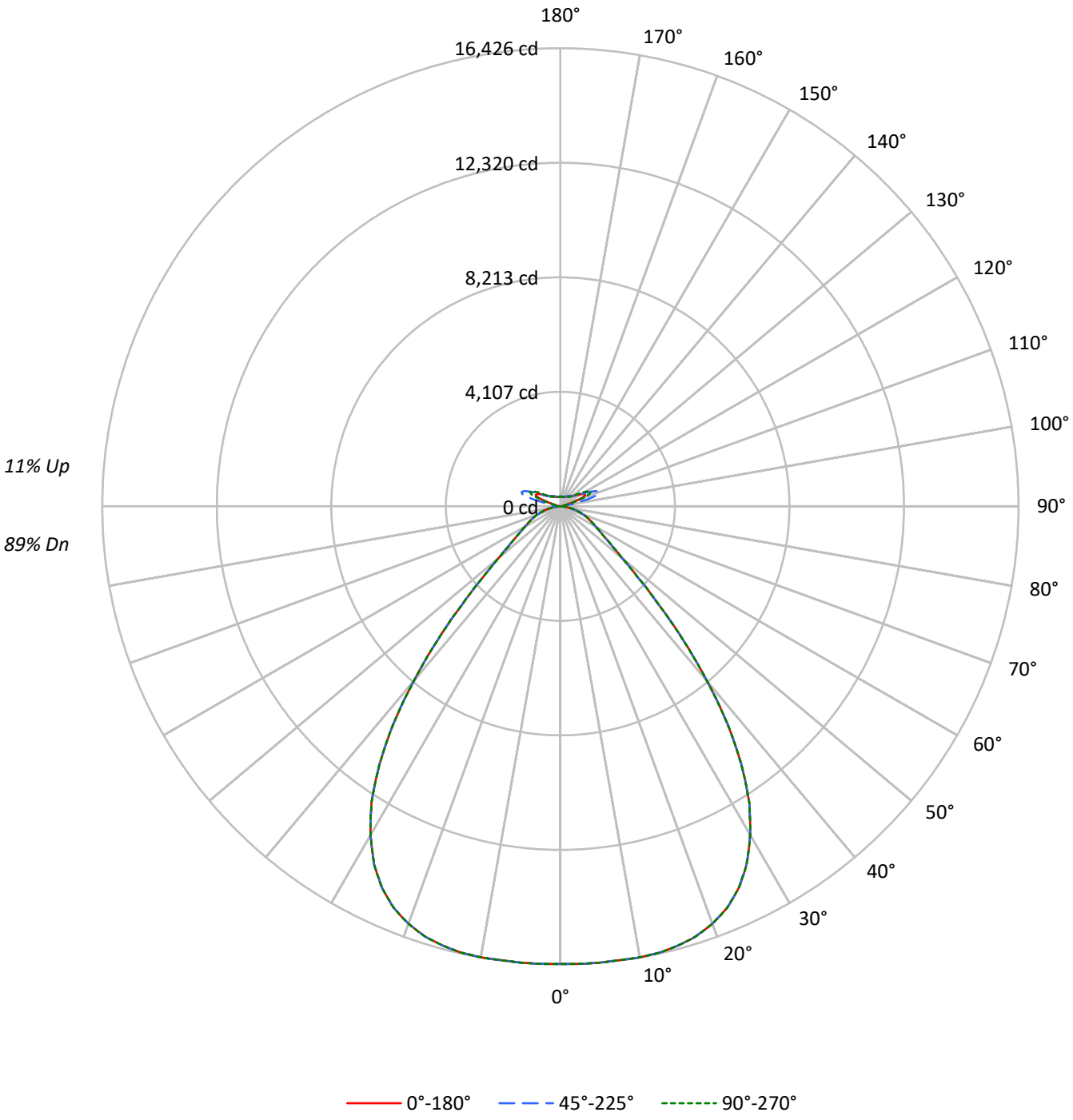
Luminous Intensity Polar Plot



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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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	109	105	102	99	105	102	99	96	96	94	91	90	88	87	85	84	82	80
2	101	95	90	85	98	92	88	84	87	83	80	82	79	77	78	76	73	71
3	94	86	80	75	91	84	78	73	79	75	71	75	72	68	72	69	66	63
4	88	78	71	66	85	76	70	65	73	67	63	69	65	61	66	62	59	57
5	82	72	64	59	79	70	63	58	67	61	57	64	59	55	61	57	54	51
6	77	66	58	53	74	64	57	52	61	56	51	59	54	50	57	52	49	47
7	72	60	53	48	70	59	52	47	57	51	46	55	49	45	52	48	44	43
8	67	56	49	44	65	55	48	43	53	47	42	51	45	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	47	41	36	46	40	36	44	39	35	43	38	35	33

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	77062	77062	77062
5°	76931	76931	76931
10°	77291	77291	77291
15°	77736	77736	77736
20°	77500	77500	77500
25°	75691	75691	75691
30°	70776	70776	70776
35°	61640	61640	61640
40°	47239	47239	47239
45°	30861	30861	30861
50°	19455	19455	19455
55°	14502	14502	14502
60°	12210	12210	12210
65°	11102	11102	11102
70°	10113	10113	10113
75°	8659	8659	8659
80°	6666	6666	6666
85°	3497	3497	3497

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 30861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1567.3	5.0
10°-20°	4602.7	14.8
20°-30°	6906.1	22.1
30°-40°	6948.3	22.3
40°-50°	3977.4	12.8
50°-60°	1819.2	5.8
60°-70°	1154.2	3.7
70°-80°	647.5	2.1
80°-90°	158.1	0.5
90°-100°	97.3	0.3
100°-110°	609.6	2.0
110°-120°	1090.0	3.5
120°-130°	639.6	2.1
130°-140°	392.3	1.3
140°-150°	272.1	0.9
150°-160°	176.8	0.6
160°-170°	100.8	0.3
170°-180°	33.3	0.1
0°-30°	13076.1	41.9
0°-40°	20024.4	64.2
0°-60°	25821.0	82.8
0°-90°	27780.8	89.1
90°-120°	1796.9	5.8
90°-150°	3100.9	9.9
90°-180°	3412.0	10.9
0°-180°	31192.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	16410	16410	16410	16410	16410	
5°	16426	16426	16426	16426	16426	1567
15°	16308	16308	16308	16308	16308	4603
25°	15115	15115	15115	15115	15115	6906
35°	11313	11313	11313	11313	11313	6948
45°	4993	4993	4993	4993	4993	3977
55°	1960	1960	1960	1960	1960	1819
65°	1159	1159	1159	1159	1159	1154
75°	610	610	610	610	610	647
85°	120	120	120	120	120	147
90°	25	41	70	45	25	17
95°	43	72	158	78	49	41
105°	213	420	1072	463	281	285
115°	980	1031	1268	1215	1207	903
125°	707	660	678	688	772	644
135°	516	500	518	486	484	403
145°	424	418	443	438	436	268
155°	371	367	385	385	385	173
165°	348	348	357	357	356	99
175°	344	344	350	350	350	33
180°	348	348	348	348	348	

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TEST NUMBER: P1436513
CATALOG NUMBER: EHBR1-30-UNV-M-L935-UPL40

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*16409.9*	16409.9	16409.9	16409.9	16409.9
2.5°	*16417.9*	16417.9	16417.9	16417.9	16417.9
5°	*16425.9*	*16425.9*	*16425.9*	*16425.9*	*16425.9*
7.5°	*16414.6*	16414.6	16414.6	16414.6	16414.6
10°	*16421.6*	16421.6	16421.6	16421.6	16421.6
12.5°	*16393.4*	16393.4	16393.4	16393.4	16393.4
15°	*16308.5*	16308.5	16308.5	16308.5	16308.5
17.5°	*16168.1*	16168.1	16168.1	16168.1	16168.1
20°	*15928.6*	15928.6	15928.6	15928.6	15928.6
22.5°	*15599.5*	15599.5	15599.5	15599.5	15599.5
25°	*15115.4*	15115.4	15115.4	15115.4	15115.4
27.5°	*14464.1*	14464.1	14464.1	14464.1	14464.1
30°	*13613.8*	13613.8	13613.8	13613.8	13613.8
32.5°	*12607.1*	12607.1	12607.1	12607.1	12607.1
35°	*11313.1*	11313.1	11313.1	11313.1	11313.1
37.5°	*9847.2*	9847.2	9847.2	9847.2	9847.2
40°	*8187.8*	8187.8	8187.8	8187.8	8187.8
42.5°	*6543.0*	6543.0	6543.0	6543.0	6543.0
45°	*4993.1*	4993.1	4993.1	4993.1	4993.1
47.5°	*3758.6*	3758.6	3758.6	3758.6	3758.6
50°	*2899.4*	2899.4	2899.4	2899.4	2899.4
52.5°	*2342.5*	2342.5	2342.5	2342.5	2342.5
55°	*1959.8*	1959.8	1959.8	1959.8	1959.8
57.5°	*1678.2*	1678.2	1678.2	1678.2	1678.2
60°	*1467.8*	1467.8	1467.8	1467.8	1467.8
62.5°	*1305.3*	1305.3	1305.3	1305.3	1305.3
65°	*1158.8*	1158.8	1158.8	1158.8	1158.8
67.5°	*1024.1*	1024.1	1024.1	1024.1	1024.1
70°	*887.4*	887.4	887.4	887.4	887.4
72.5°	*749.9*	749.9	749.9	749.9	749.9
75°	*610.0*	610.0	610.0	610.0	610.0
77.5°	*477.1*	477.1	477.1	477.1	477.1
80°	*350.7*	350.7	350.7	350.7	350.7
82.5°	*228.7*	228.7	228.7	228.7	228.7
85°	*120.2*	120.2	120.2	120.2	120.2
87.5°	*34.3*	34.3	34.3	34.3	34.3
90°	*25.4*	41.1	70.3	45.0	25.4
92.5°	*37.1*	62.5	113.3	58.5	33.2
95°	*43.0*	72.2	158.2	78.1	48.9
97.5°	*54.7*	80.0	181.6	95.7	76.1
100°	*72.2*	93.7	283.2	117.2	101.6
102.5°	*123.1*	199.2	601.5	220.7	154.3
105°	*212.9*	419.9	1072.2	462.9	281.2
107.5°	*369.1*	751.9	1414.0	820.2	533.2
110°	*689.4*	998.0	1482.3	1126.8	853.5

TEST NUMBER: P1436513
CATALOG NUMBER: EHBR1-30-UNV-M-L935-UPL40

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*931.6*	1072.2	1419.9	1244.0	1111.2
115°	*980.4*	1031.2	1267.5	1214.8	1207.0
117.5°	*947.2*	941.3	1076.1	1091.8	1165.9
120°	*876.9*	837.8	898.4	953.1	1052.7
122.5°	*789.1*	742.1	769.5	810.5	910.1
125°	*706.9*	660.1	677.7	687.5	771.5
127.5°	*634.7*	603.4	613.2	601.5	654.3
130°	*585.9*	558.6	572.3	544.9	570.3
132.5°	*544.9*	527.3	542.9	509.7	517.5
135°	*515.6*	499.9	517.5	486.3	484.3
137.5°	*490.2*	476.5	494.1	470.7	464.9
140°	*466.8*	455.1	474.6	457.0	453.1
142.5°	*441.4*	433.6	457.0	445.3	441.4
145°	*423.8*	417.9	443.3	437.5	435.5
147.5°	*408.2*	404.3	427.7	425.8	425.8
150°	*394.5*	390.6	414.0	412.1	414.0
152.5°	*380.8*	376.9	398.4	396.4	398.4
155°	*371.1*	367.2	384.7	384.7	384.7
157.5°	*363.3*	361.3	374.9	374.9	374.9
160°	*357.4*	355.5	367.2	367.2	365.3
162.5°	*351.6*	349.6	363.3	361.3	361.3
165°	*347.7*	347.7	357.4	357.4	355.5
167.5°	*347.7*	345.7	355.5	355.5	353.5
170°	*345.7*	345.7	353.5	351.6	349.6
172.5°	*345.7*	345.7	353.5	351.6	349.6
175°	*343.8*	343.8	349.6	349.6	349.6
177.5°	*345.7*	345.7	349.6	349.6	347.7
180°	*347.7*	347.7	347.7	347.7	347.7

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Scaled Data Report

TEST NUMBER: P1436513
CATALOG NUMBER: EHBR1-30-UNV-M-L935-UPL40

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	17.11	18.21	17.66	18.74	19.32	17.11	18.21	17.66	18.74	19.32
	3H	18.59	19.57	19.15	20.11	20.74	18.59	19.57	19.15	20.11	20.74
	4H	19.11	20.03	19.70	20.58	21.23	19.11	20.03	19.70	20.58	21.23
	6H	19.44	20.27	20.03	20.85	21.50	19.44	20.27	20.03	20.85	21.50
	8H	19.50	20.30	20.11	20.89	21.55	19.50	20.30	20.11	20.89	21.55
	12H	19.51	20.27	20.13	20.86	21.54	19.51	20.27	20.13	20.86	21.54
4H	2H	17.54	18.46	18.13	19.01	19.66	17.54	18.46	18.13	19.01	19.66
	3H	19.23	19.99	19.83	20.59	21.25	19.23	19.99	19.83	20.59	21.25
	4H	19.86	20.54	20.48	21.15	21.84	19.86	20.54	20.48	21.15	21.84
	6H	20.29	20.87	20.92	21.50	22.21	20.29	20.87	20.92	21.50	22.21
	8H	20.38	20.92	21.02	21.55	22.27	20.38	20.92	21.02	21.55	22.27
	12H	20.41	20.89	21.07	21.55	22.27	20.41	20.89	21.07	21.55	22.27
8H	4H	20.04	20.58	20.68	21.21	21.93	20.04	20.58	20.68	21.21	21.93
	6H	20.55	20.99	21.22	21.67	22.39	20.55	20.99	21.22	21.67	22.39
	8H	20.69	21.08	21.37	21.77	22.50	20.69	21.08	21.37	21.77	22.50
	12H	20.75	21.10	21.43	21.77	22.57	20.75	21.10	21.43	21.77	22.57
12H	4H	20.02	20.50	20.68	21.17	21.88	20.02	20.50	20.68	21.17	21.88
	6H	20.55	20.95	21.24	21.63	22.37	20.55	20.95	21.24	21.63	22.37
	8H	20.72	21.07	21.40	21.74	22.54	20.72	21.07	21.40	21.74	22.54

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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

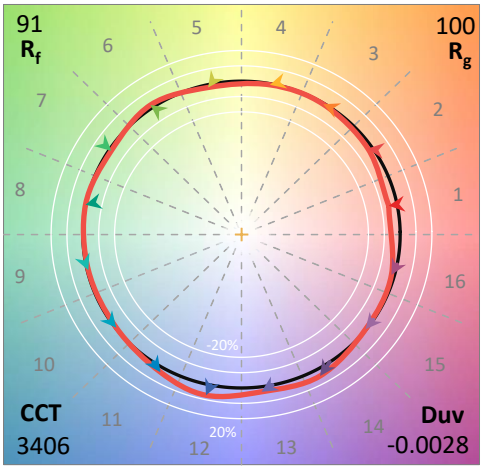
Test Information

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	CRI (Ra):	94.6		
CIE u':	0.2394	R1:	96.6	R9:	63.8
CIE v':	0.5094	R2:	98.4	R10:	94.7
Duv:	-0.0028	R3:	98.1	R11:	96.6
CIE x:	0.4076	R4:	95.8	R12:	80.9
CIE y:	0.3856	R5:	96.2	R13:	97.4
CIE z:	0.2068	R6:	95.4	R14:	98.3
Peak Wavelength (nm):	630	R7:	91.8	R15:	93.1
Dominant Wavelength (nm):	582	R8:	84.4		
Purity:	38.0517				

Rf:	91.3
Rg:	100



Test Conditions

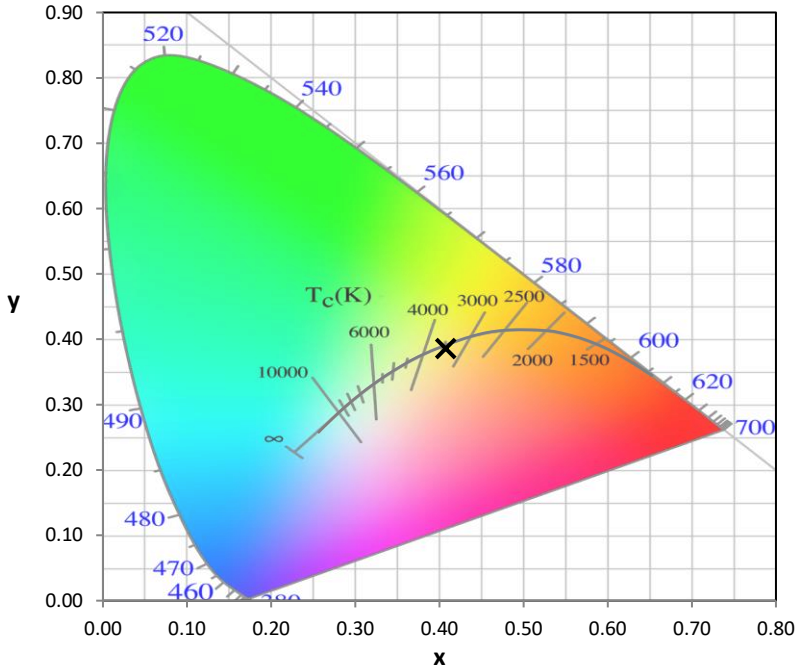
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-6

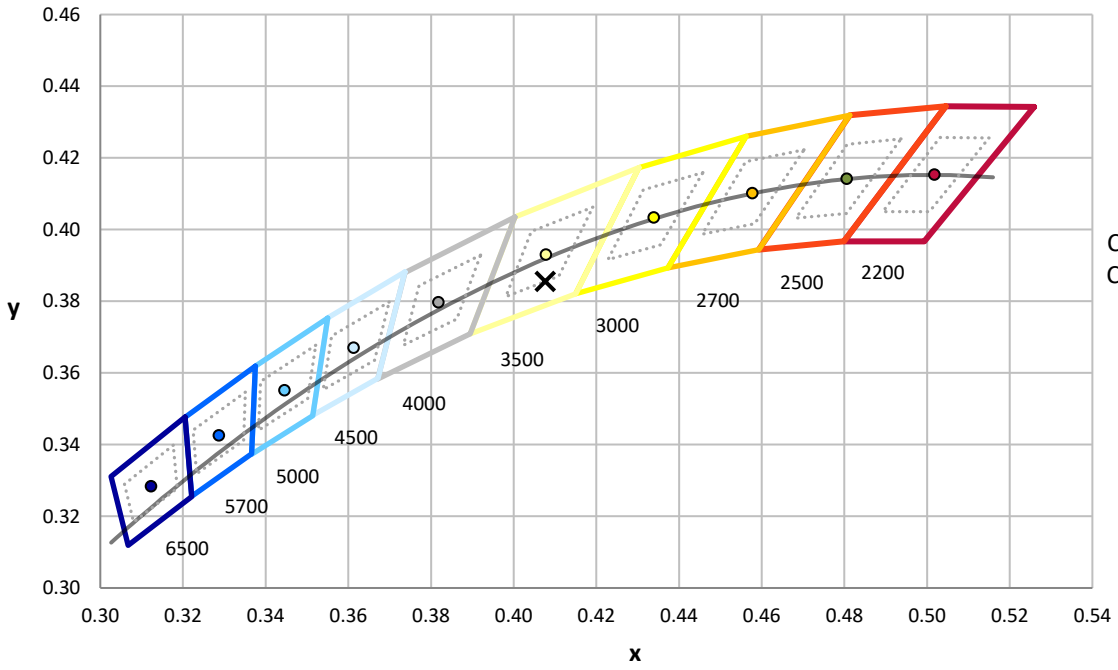
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

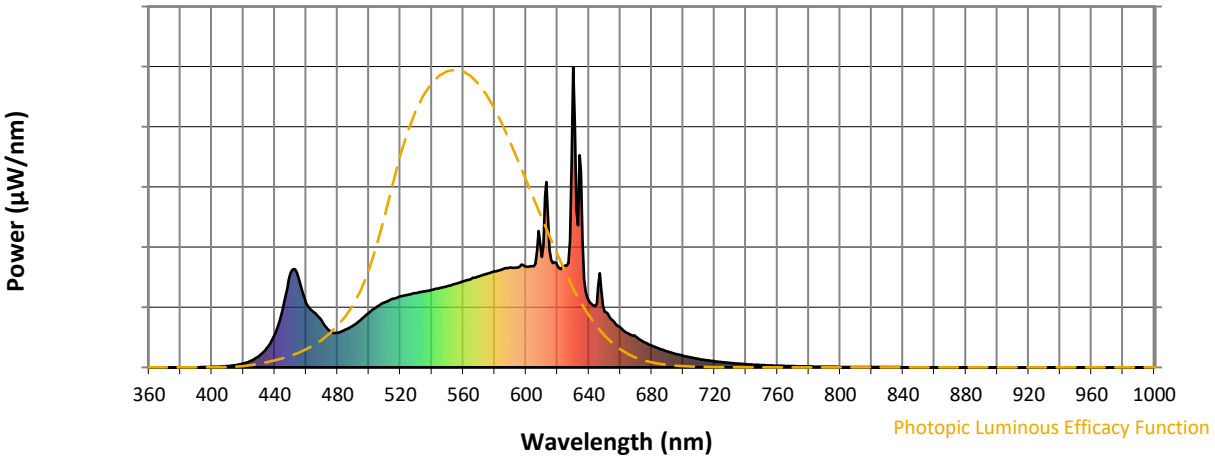


CCT = 3406K
CIE x = 0.4076
CIE y = 0.3856
Duv = -0.0028

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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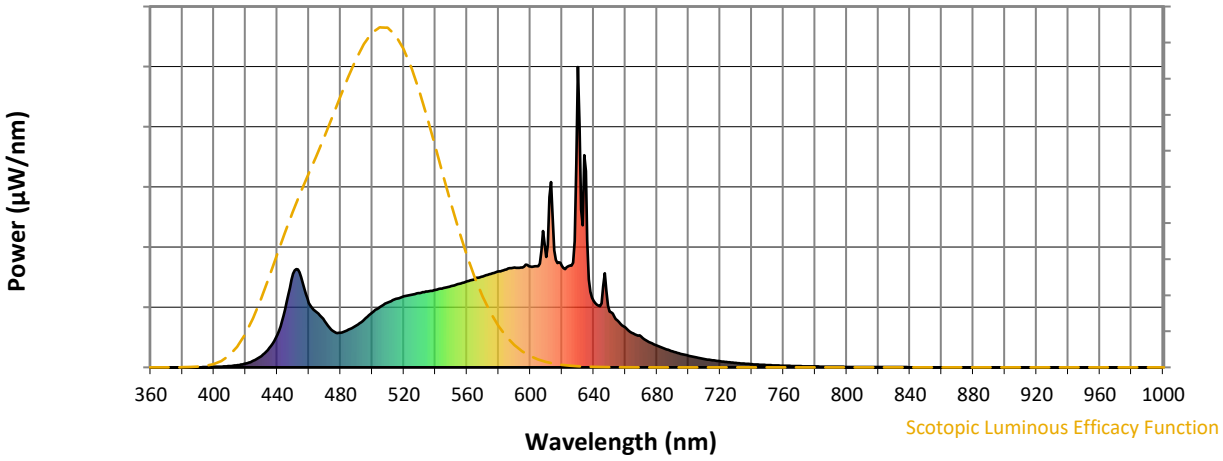
Scotopic Flux vs. Wavelength



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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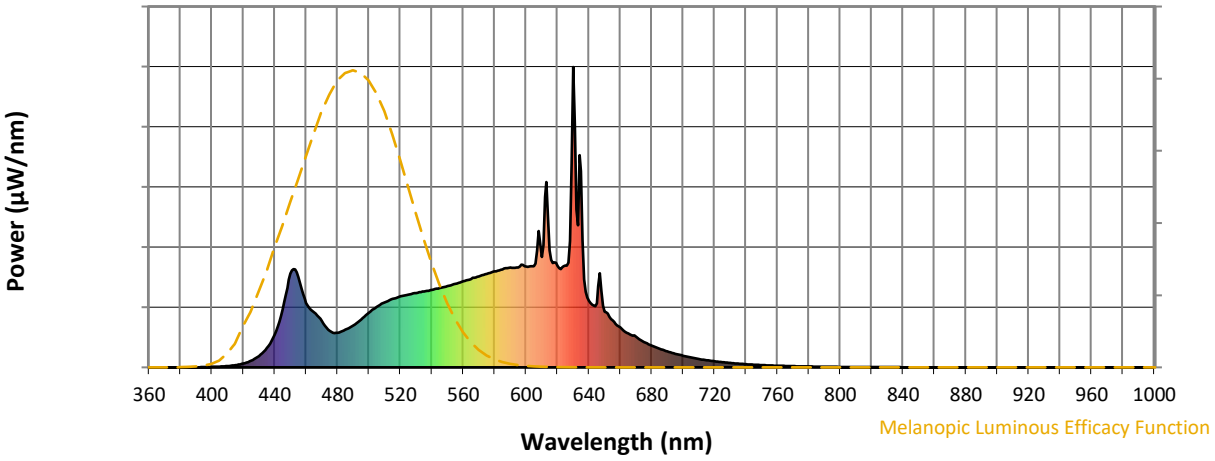
Melanopic Flux vs. Wavelength



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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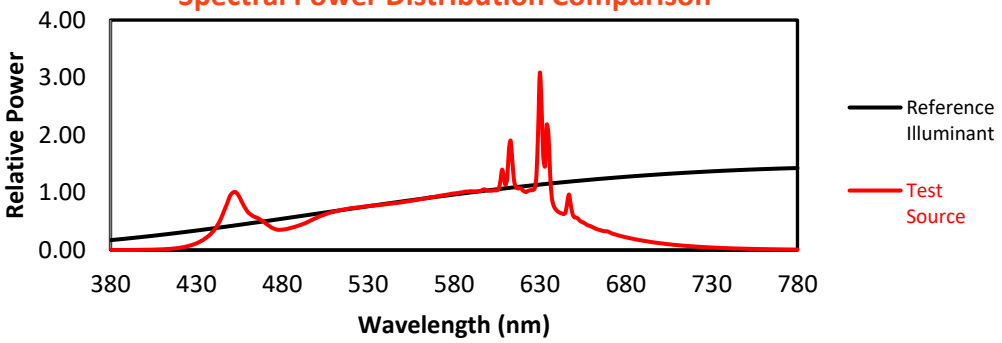
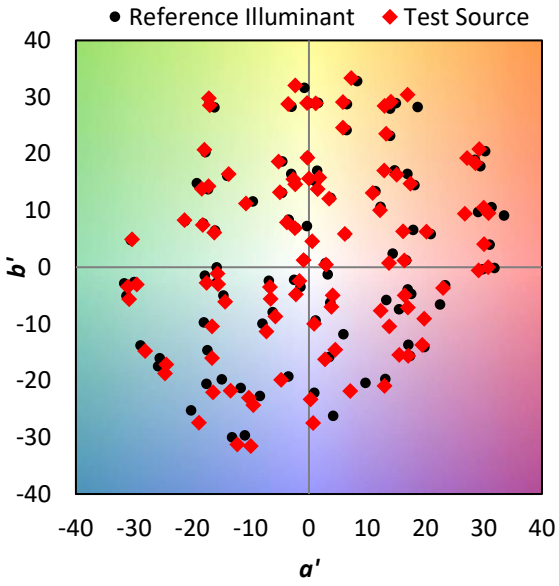
Summary

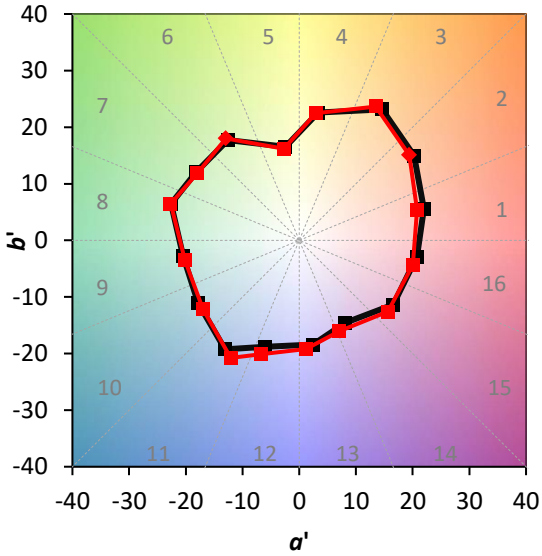
R_f = 91.3
R_g = 100
CIE R_a = 94.6
R_9 = 63.8

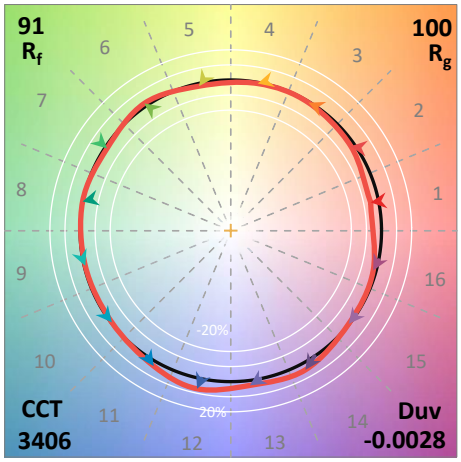
Spectral Power Distribution Comparison

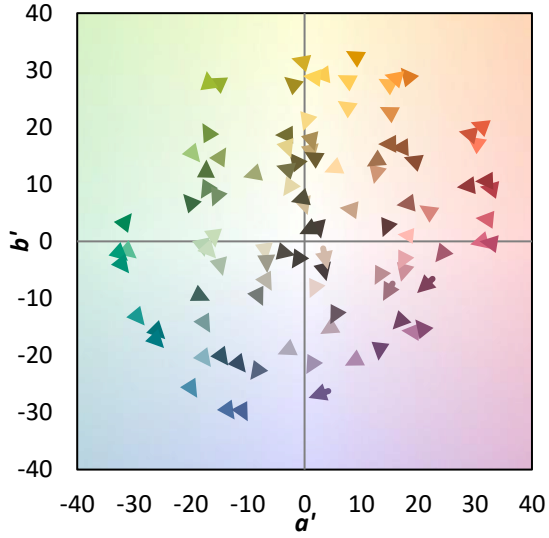


Color Vector Graphics









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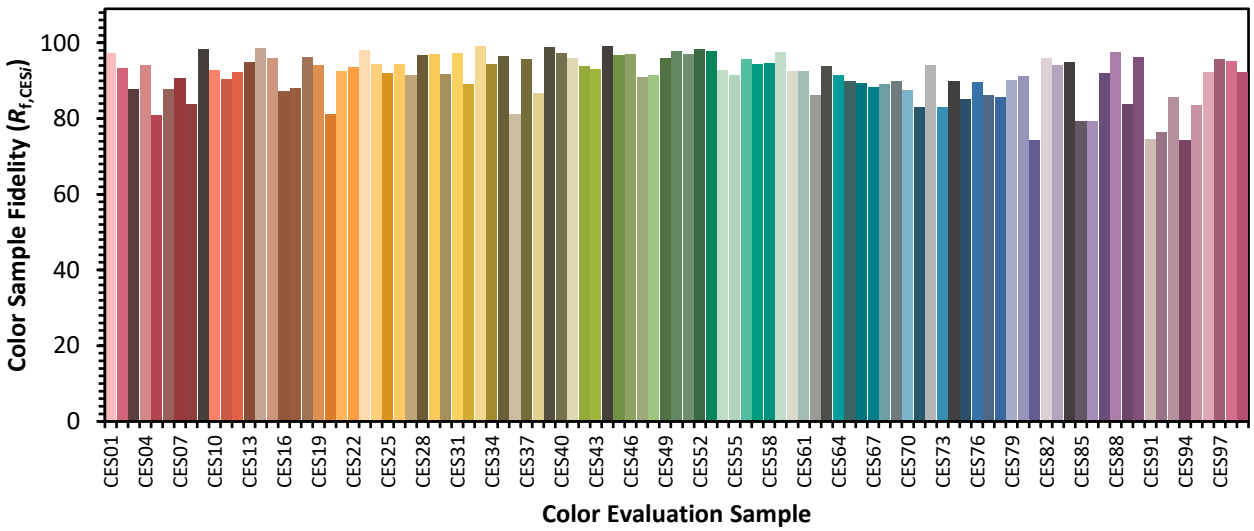
Individual Sample Fidelity Index ($R_{f,i}$)

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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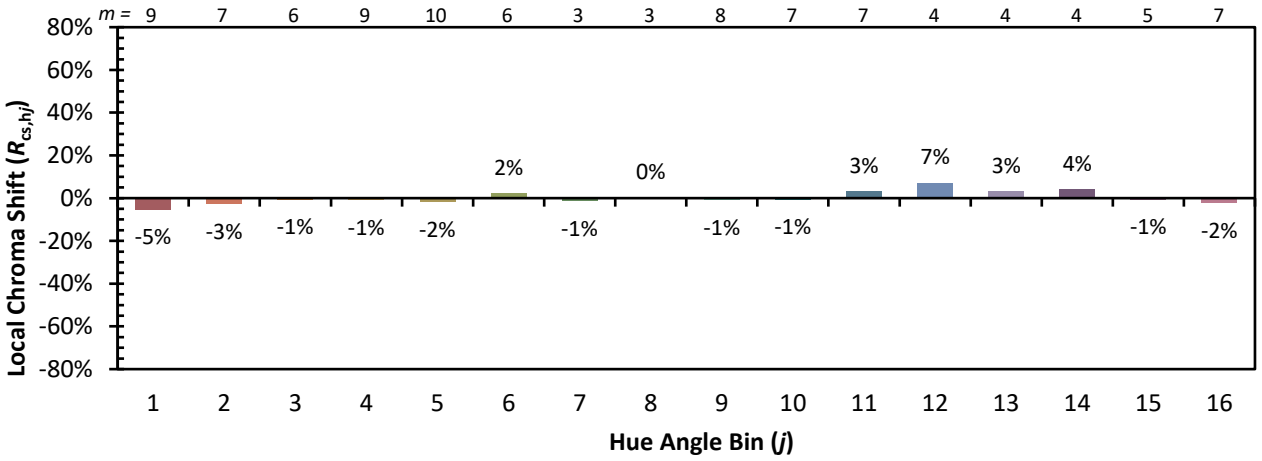
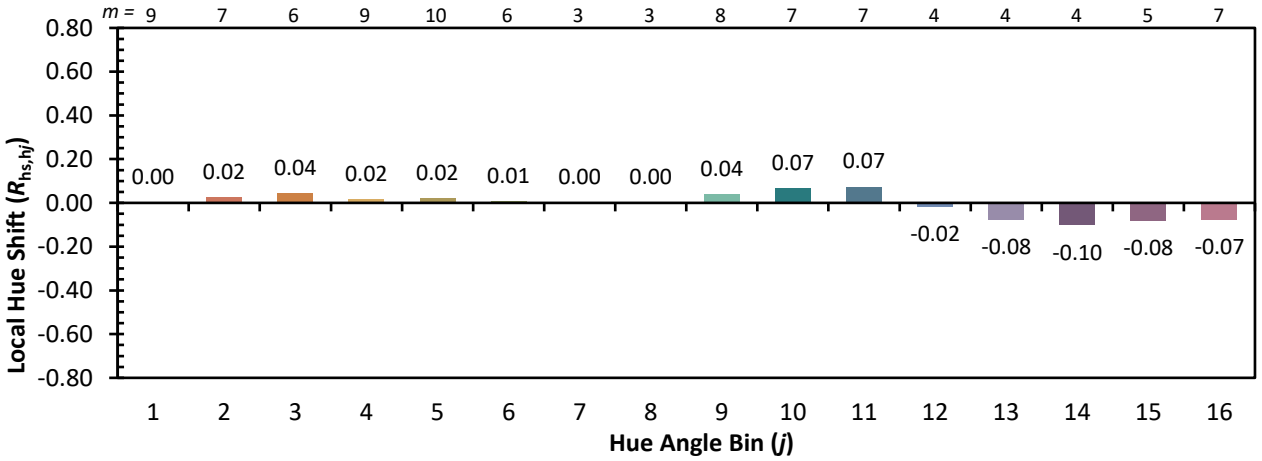
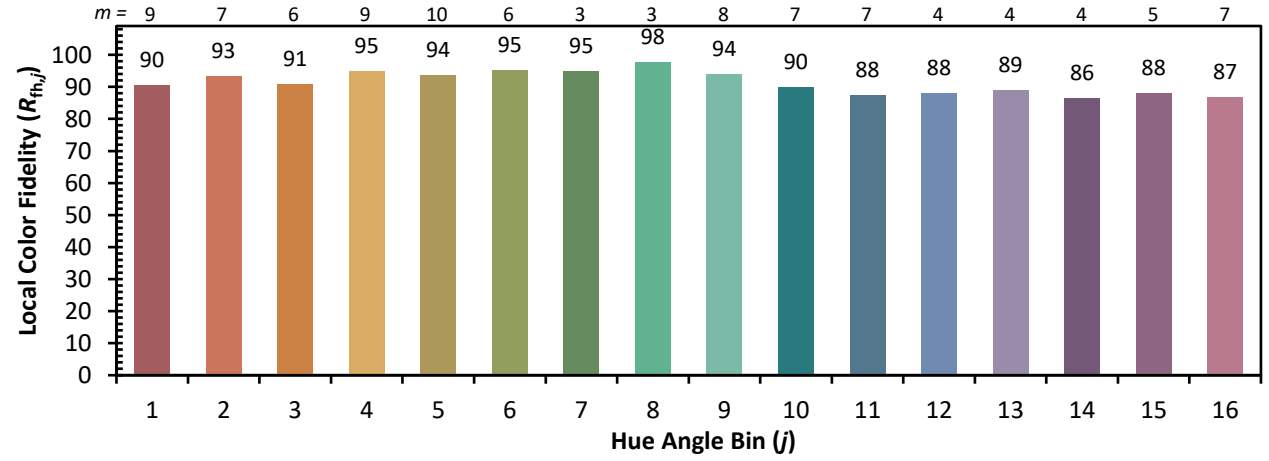
Color Rendition by Hue-Angle Bin







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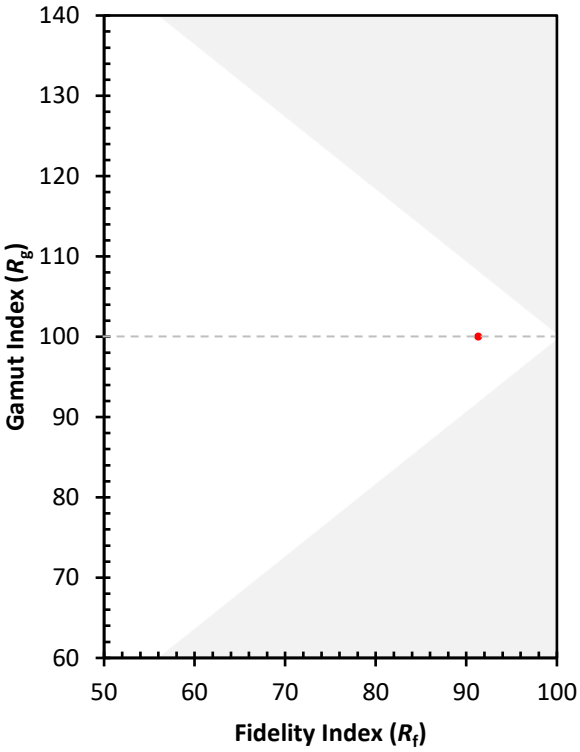
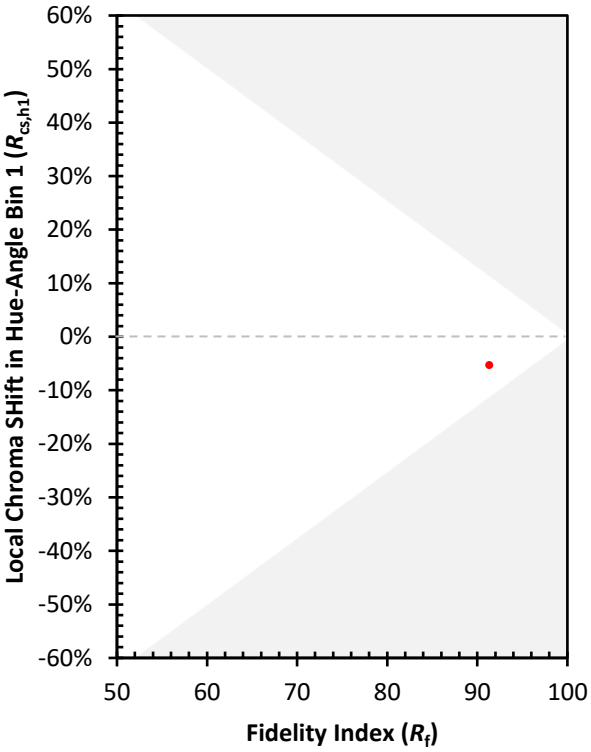
Measure Comparisons





(END OF REPORT)