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: P1436220

Luminaire Tested: EHBR1-30-UNV-M-L835-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:	P1436220
	REPORT IS A COMBINATION OF REPORTS P1436076 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-30-UNV-M-L835-UPL15
Description:	Elevate Round Highbay at, 30000 lumens, 3500K 80CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31116.7 lumens
Efficiency:	N/A
Efficacy:	184.0 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):	169.1
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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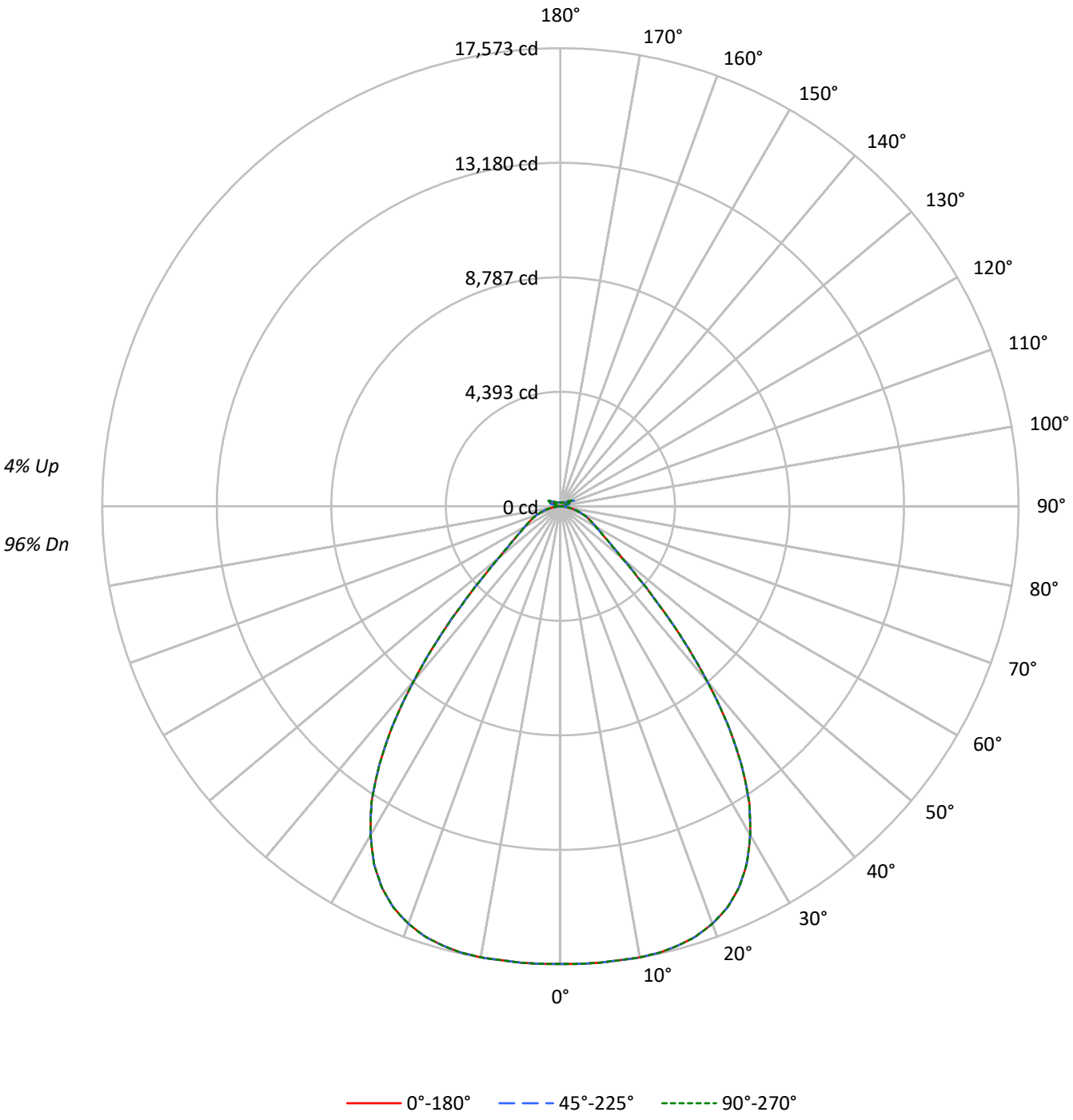
Luminous Intensity Polar Plot



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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	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	110	107	104	101	107	104	101	99	99	97	95	95	93	91	91	89	88	86
2	103	97	91	87	100	95	90	86	90	87	83	87	83	81	83	81	78	76
3	96	88	81	76	93	86	80	75	83	78	74	79	75	72	76	73	70	68
4	90	80	73	68	87	78	72	67	76	70	66	73	68	64	70	66	63	61
5	84	73	66	61	81	72	65	60	69	64	59	67	62	58	65	61	57	55
6	78	67	60	55	76	66	59	54	64	58	53	62	57	53	60	56	52	50
7	73	62	55	50	72	61	54	49	59	53	49	58	52	48	56	51	47	46
8	69	57	50	45	67	57	50	45	55	49	44	53	48	44	52	47	43	42
9	65	53	46	41	63	53	46	41	51	45	41	50	44	40	49	44	40	38
10	61	50	43	38	60	49	42	38	48	42	38	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	82444	82444	82444
5°	82303	82303	82303
10°	82689	82689	82689
15°	83164	83164	83164
20°	82913	82913	82913
25°	80976	80976	80976
30°	75719	75719	75719
35°	65944	65944	65944
40°	50538	50538	50538
45°	33015	33015	33015
50°	20813	20813	20813
55°	15515	15515	15515
60°	13062	13062	13062
65°	11878	11878	11878
70°	10820	10820	10820
75°	9264	9264	9264
80°	7132	7132	7132
85°	3742	3742	3742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 33015 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1676.8	5.4
10°-20°	4924.1	15.8
20°-30°	7388.4	23.7
30°-40°	7433.5	23.9
40°-50°	4255.1	13.7
50°-60°	1946.2	6.3
60°-70°	1234.8	4.0
70°-80°	692.7	2.2
80°-90°	165.0	0.5
90°-100°	39.9	0.1
100°-110°	250.2	0.8
110°-120°	447.3	1.4
120°-130°	262.5	0.8
130°-140°	161.0	0.5
140°-150°	111.7	0.4
150°-160°	72.6	0.2
160°-170°	41.3	0.1
170°-180°	13.7	0.0
0°-30°	13989.2	45.0
0°-40°	21422.8	68.8
0°-60°	27624.1	88.8
0°-90°	29716.6	95.5
90°-120°	737.4	2.4
90°-150°	1272.6	4.1
90°-180°	1400.0	4.5
0°-180°	31116.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	17556	17556	17556	17556	17556	
5°	17573	17573	17573	17573	17573	1677
15°	17447	17447	17447	17447	17447	4924
25°	16171	16171	16171	16171	16171	7388
35°	12103	12103	12103	12103	12103	7434
45°	5342	5342	5342	5342	5342	4255
55°	2097	2097	2097	2097	2097	1946
65°	1240	1240	1240	1240	1240	1235
75°	653	653	653	653	653	693
85°	129	129	129	129	129	157
90°	10	17	29	18	10	10
95°	18	30	65	32	20	17
105°	87	172	440	190	115	117
115°	402	423	520	498	495	371
125°	290	271	278	282	317	264
135°	212	205	212	200	199	166
145°	174	172	182	180	179	110
155°	152	151	158	158	158	71
165°	143	143	147	147	146	41
175°	141	141	144	144	144	14
180°	143	143	143	143	143	

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TEST NUMBER: P1436220
CATALOG NUMBER: EHBR1-30-UNV-M-L835-UPL15

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	17555.8	17555.8	17555.8	17555.8	17555.8
2.5°	17564.4	17564.4	17564.4	17564.4	17564.4
5°	17572.9	17572.9	17572.9	17572.9	17572.9
7.5°	17560.9	17560.9	17560.9	17560.9	17560.9
10°	17568.4	17568.4	17568.4	17568.4	17568.4
12.5°	17538.2	17538.2	17538.2	17538.2	17538.2
15°	17447.3	17447.3	17447.3	17447.3	17447.3
17.5°	17297.1	17297.1	17297.1	17297.1	17297.1
20°	17041.0	17041.0	17041.0	17041.0	17041.0
22.5°	16688.8	16688.8	16688.8	16688.8	16688.8
25°	16170.9	16170.9	16170.9	16170.9	16170.9
27.5°	15474.2	15474.2	15474.2	15474.2	15474.2
30°	14564.5	14564.5	14564.5	14564.5	14564.5
32.5°	13487.5	13487.5	13487.5	13487.5	13487.5
35°	12103.1	12103.1	12103.1	12103.1	12103.1
37.5°	10534.8	10534.8	10534.8	10534.8	10534.8
40°	8759.5	8759.5	8759.5	8759.5	8759.5
42.5°	6999.9	6999.9	6999.9	6999.9	6999.9
45°	5341.7	5341.7	5341.7	5341.7	5341.7
47.5°	4021.1	4021.1	4021.1	4021.1	4021.1
50°	3101.9	3101.9	3101.9	3101.9	3101.9
52.5°	2506.1	2506.1	2506.1	2506.1	2506.1
55°	2096.7	2096.7	2096.7	2096.7	2096.7
57.5°	1795.3	1795.3	1795.3	1795.3	1795.3
60°	1570.3	1570.3	1570.3	1570.3	1570.3
62.5°	1396.4	1396.4	1396.4	1396.4	1396.4
65°	1239.8	1239.8	1239.8	1239.8	1239.8
67.5°	1095.6	1095.6	1095.6	1095.6	1095.6
70°	949.4	949.4	949.4	949.4	949.4
72.5°	802.3	802.3	802.3	802.3	802.3
75°	652.6	652.6	652.6	652.6	652.6
77.5°	510.4	510.4	510.4	510.4	510.4
80°	375.2	375.2	375.2	375.2	375.2
82.5°	244.6	244.6	244.6	244.6	244.6
85°	128.6	128.6	128.6	128.6	128.6
87.5°	36.7	36.7	36.7	36.7	36.7
90°	10.4	16.9	28.9	18.4	10.4
92.5°	15.2	25.7	46.4	24.0	13.7
95°	17.6	29.7	65.0	32.1	20.1
97.5°	22.4	32.9	74.6	39.3	31.2
100°	29.7	38.5	116.3	48.1	41.7
102.5°	50.5	81.7	246.9	90.6	63.3
105°	87.4	172.3	440.0	189.9	115.4
107.5°	151.5	308.5	580.3	336.7	218.8
110°	282.9	409.6	608.3	462.4	350.2

TEST NUMBER: P1436220
CATALOG NUMBER: EHBR1-30-UNV-M-L835-UPL15

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*382.3*	440.0	582.6	510.5	456.0
115°	*402.4*	423.1	520.2	498.5	495.3
117.5°	*388.7*	386.3	441.7	448.1	478.5
120°	*359.8*	343.8	368.6	391.1	432.0
122.5°	*323.8*	304.6	315.8	332.6	373.5
125°	*290.1*	270.9	278.1	282.2	316.6
127.5°	*260.4*	247.6	251.7	246.9	268.5
130°	*240.5*	229.2	234.8	223.6	234.1
132.5°	*223.6*	216.4	222.8	209.1	212.3
135°	*211.6*	205.2	212.3	199.5	198.8
137.5°	*201.2*	195.6	202.7	193.1	190.7
140°	*191.6*	186.7	194.8	187.5	186.0
142.5°	*181.1*	177.9	187.5	182.8	181.1
145°	*173.9*	171.5	181.9	179.6	178.7
147.5°	*167.6*	165.9	175.5	174.7	174.7
150°	*161.9*	160.3	169.9	169.1	169.9
152.5°	*156.3*	154.7	163.5	162.7	163.5
155°	*152.3*	150.7	157.9	157.9	157.9
157.5°	*149.0*	148.3	153.9	153.9	153.9
160°	*146.7*	145.8	150.7	150.7	149.9
162.5°	*144.3*	143.5	149.0	148.3	148.3
165°	*142.6*	142.6	146.7	146.7	145.8
167.5°	*142.6*	141.9	145.8	145.8	145.1
170°	*141.9*	141.9	145.1	144.3	143.5
172.5°	*141.9*	141.9	145.1	144.3	143.5
175°	*141.1*	141.1	143.5	143.5	143.5
177.5°	*141.9*	141.9	143.5	143.5	142.6
180°	*142.6*	142.6	142.6	142.6	142.6

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Scaled Data Report

TEST NUMBER: P1436220
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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	17.85	19.04	18.29	19.45	19.88	17.85	19.04	18.29	19.45	19.88
	3H	19.33	20.40	19.79	20.82	21.30	19.33	20.40	19.79	20.82	21.30
	4H	19.86	20.85	20.34	21.29	21.79	19.86	20.85	20.34	21.29	21.79
	6H	20.18	21.09	20.68	21.56	22.06	20.18	21.09	20.68	21.56	22.06
	8H	20.25	21.12	20.76	21.60	22.11	20.25	21.12	20.76	21.60	22.11
	12H	20.27	21.09	20.78	21.56	22.10	20.27	21.09	20.78	21.56	22.10
4H	2H	18.29	19.28	18.77	19.72	20.22	18.29	19.28	18.77	19.72	20.22
	3H	19.99	20.80	20.48	21.29	21.81	19.99	20.80	20.48	21.29	21.81
	4H	20.62	21.35	21.13	21.85	22.40	20.62	21.35	21.13	21.85	22.40
	6H	21.04	21.67	21.58	22.20	22.77	21.04	21.67	21.58	22.20	22.77
	8H	21.14	21.72	21.68	22.25	22.83	21.14	21.72	21.68	22.25	22.83
	12H	21.17	21.69	21.73	22.25	22.83	21.17	21.69	21.73	22.25	22.83
8H	4H	20.80	21.38	21.34	21.91	22.49	20.80	21.38	21.34	21.91	22.49
	6H	21.31	21.78	21.88	22.36	22.95	21.31	21.78	21.88	22.36	22.95
	8H	21.44	21.87	22.04	22.46	23.06	21.44	21.87	22.04	22.46	23.06
	12H	21.51	21.89	22.10	22.46	23.13	21.51	21.89	22.10	22.46	23.13
12H	4H	20.78	21.30	21.35	21.87	22.44	20.78	21.30	21.35	21.87	22.44
	6H	21.31	21.74	21.90	22.33	22.92	21.31	21.74	21.90	22.33	22.92
	8H	21.48	21.86	22.07	22.43	23.10	21.48	21.86	22.07	22.43	23.10

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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: SP1-2506-472-3

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L835-N

Data in this report applies to families of products including EHBR-60-L835-N

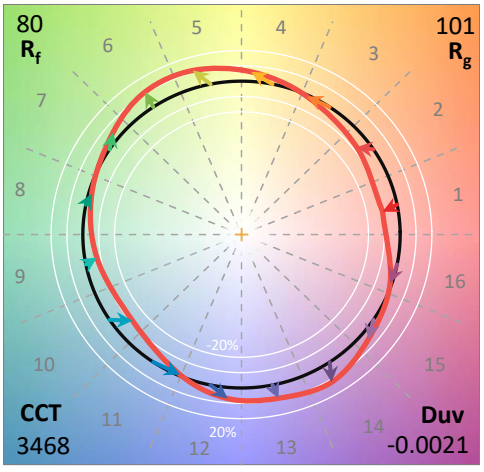
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-3
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-L835-N**
Description:	Elevate Round Highbay at, 60000 lumens, 3500K 80CRI LEDs with N lens

Spectral Parameters

CCT (K):	3468	CRI (Ra):	82.1		
CIE u':	0.2375	R1:	82.9	R9:	27.6
CIE v':	0.5091	R2:	85.6	R10:	63.8
Duv:	-0.0021	R3:	85.9	R11:	81.2
CIE x:	0.4049	R4:	82.8	R12:	57.2
CIE y:	0.3856	R5:	81.0	R13:	82.6
CIE z:	0.2095	R6:	79.7	R14:	91.0
Peak Wavelength (nm):	630	R7:	86.5	R15:	79.4
Dominant Wavelength (nm):	581	R8:	72.1		
Purity:	37.24544				
Rf:	80.1				
Rg:	101				



Test Conditions

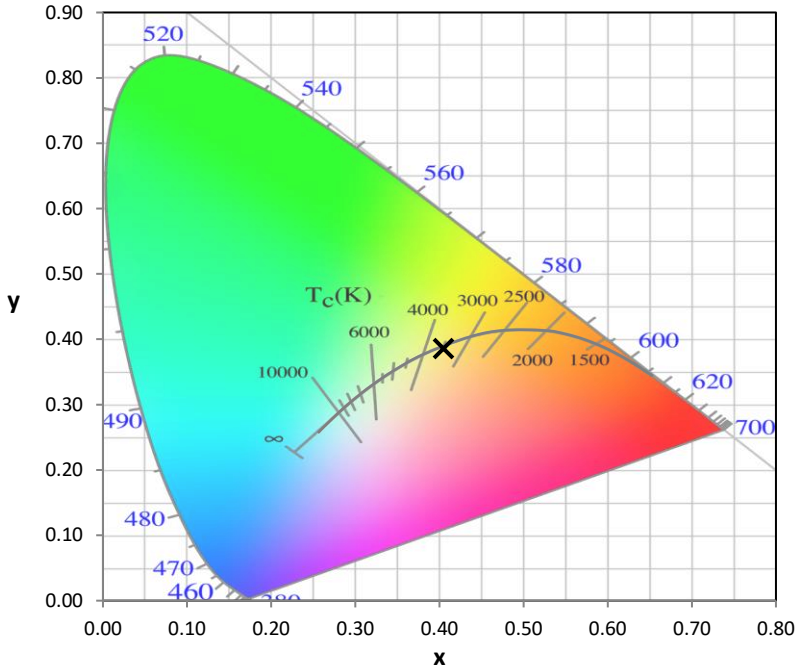
Stabilization Time:	39M
Operation Time:	1H 39M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-3

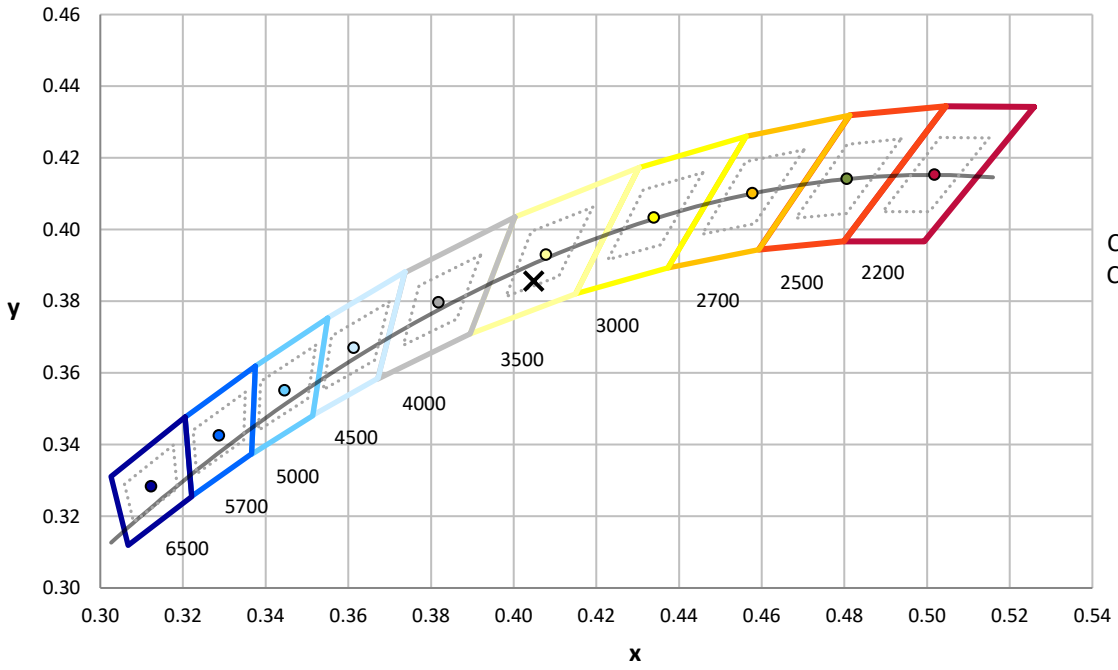
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-3

CIE 1931 Chromaticity Diagram



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

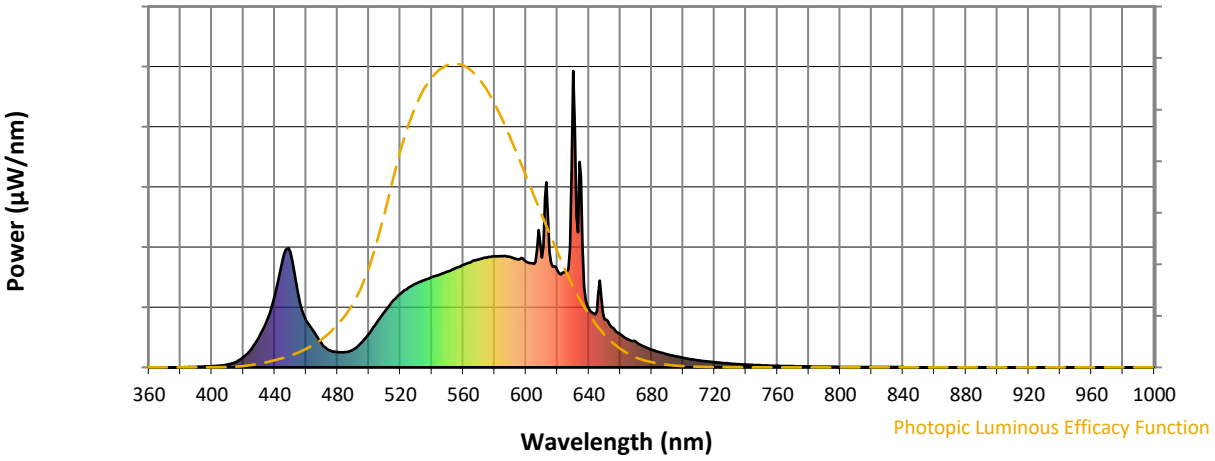


CCT = 3468K
CIE x = 0.4049
CIE y = 0.3856
Duv = -0.0021

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-3

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	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

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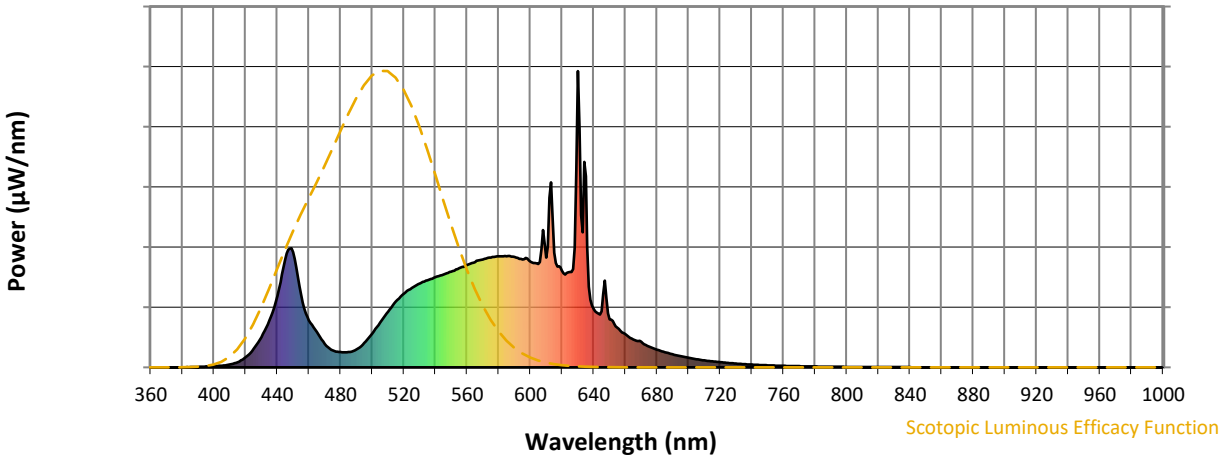
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.43**

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	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

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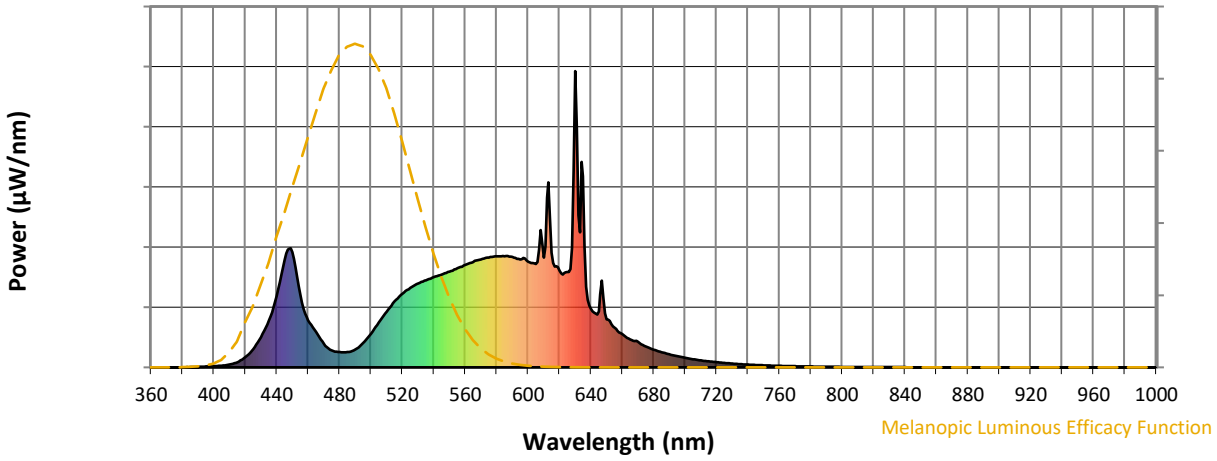
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.75**

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	327	NR	750	7	NR	880	0	NR
365	0	NR	495	82	NR	625	322	NR	755	6	NR	885	0	NR
370	0	NR	500	114	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	152	NR	635	645	NR	765	4	NR	895	0	NR
380	0	NR	510	189	NR	640	197	NR	770	4	NR	900	0	NR
385	1	NR	515	222	NR	645	189	NR	775	3	NR	905	0	NR
390	2	NR	520	248	NR	650	163	NR	780	3	NR	910	0	NR
395	3	NR	525	268	NR	655	134	NR	785	2	NR	915	0	NR
400	4	NR	530	283	NR	660	113	NR	790	2	NR	920	0	NR
405	6	NR	535	294	NR	665	94	NR	795	2	NR	925	0	NR
410	9	NR	540	305	NR	670	87	NR	800	2	NR	930	0	NR
415	18	NR	545	314	NR	675	70	NR	805	1	NR	935	0	NR
420	34	NR	550	323	NR	680	60	NR	810	1	NR	940	0	NR
425	62	NR	555	335	NR	685	51	NR	815	1	NR	945	0	NR
430	102	NR	560	346	NR	690	44	NR	820	1	NR	950	0	NR
435	159	NR	565	356	NR	695	38	NR	825	1	NR	955	0	NR
440	241	NR	570	364	NR	700	32	NR	830	1	NR	960	0	NR
445	363	NR	575	371	NR	705	28	NR	835	1	NR	965	0	NR
450	389	NR	580	375	NR	710	24	NR	840	1	NR	970	0	NR
455	245	NR	585	375	NR	715	20	NR	845	0	NR	975	0	NR
460	158	NR	590	373	NR	720	17	NR	850	0	NR	980	0	NR
465	120	NR	595	364	NR	725	15	NR	855	0	NR	985	0	NR
470	79	NR	600	357	NR	730	13	NR	860	0	NR	990	0	NR
475	57	NR	605	349	NR	735	11	NR	865	0	NR	995	0	NR
480	51	NR	610	371	NR	740	9	NR	870	0	NR	1000	0	NR
485	51	NR	615	387	NR	745	8	NR	875	0	NR			

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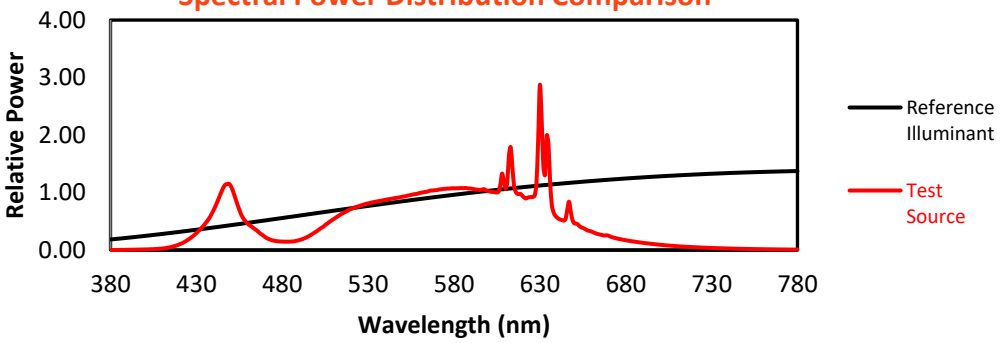
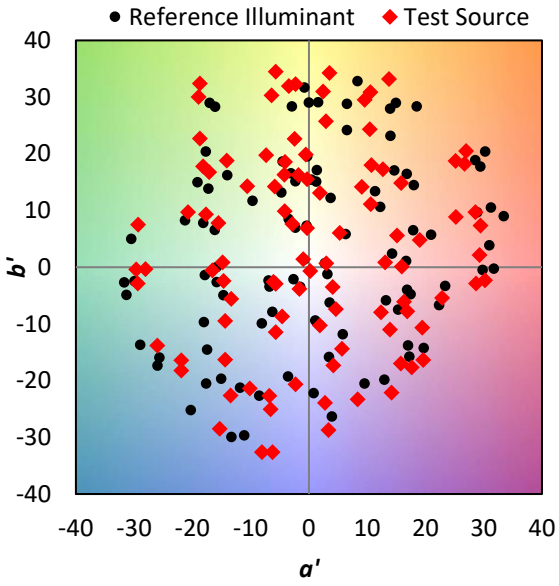
Summary

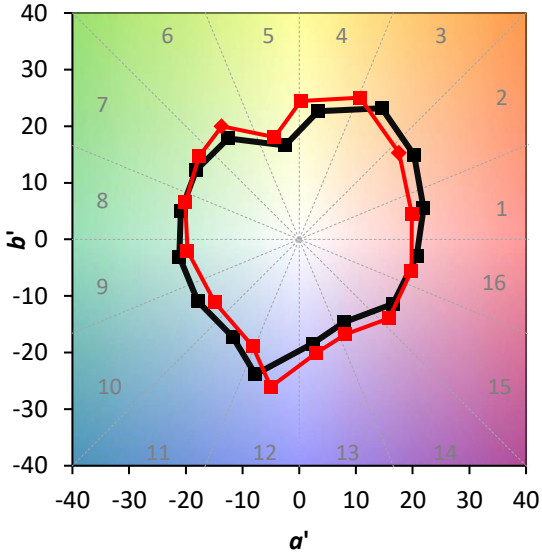
R_f = 80.1
R_g = 101
CIE R_a = 82.1
R_9 = 27.6

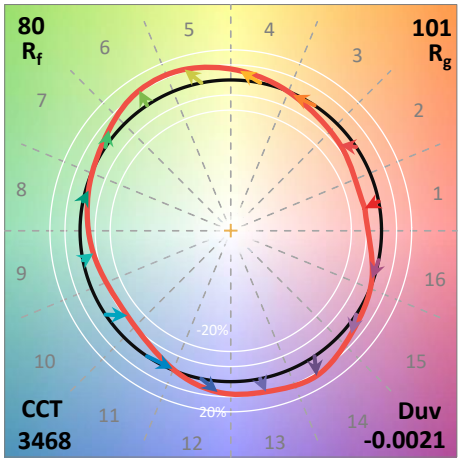
Spectral Power Distribution Comparison

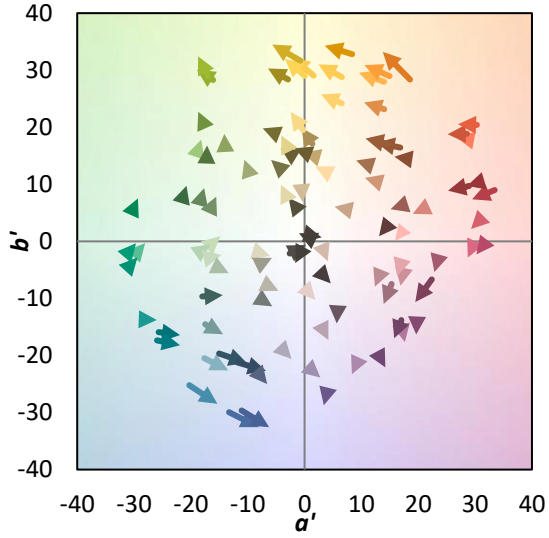


Color Vector Graphics









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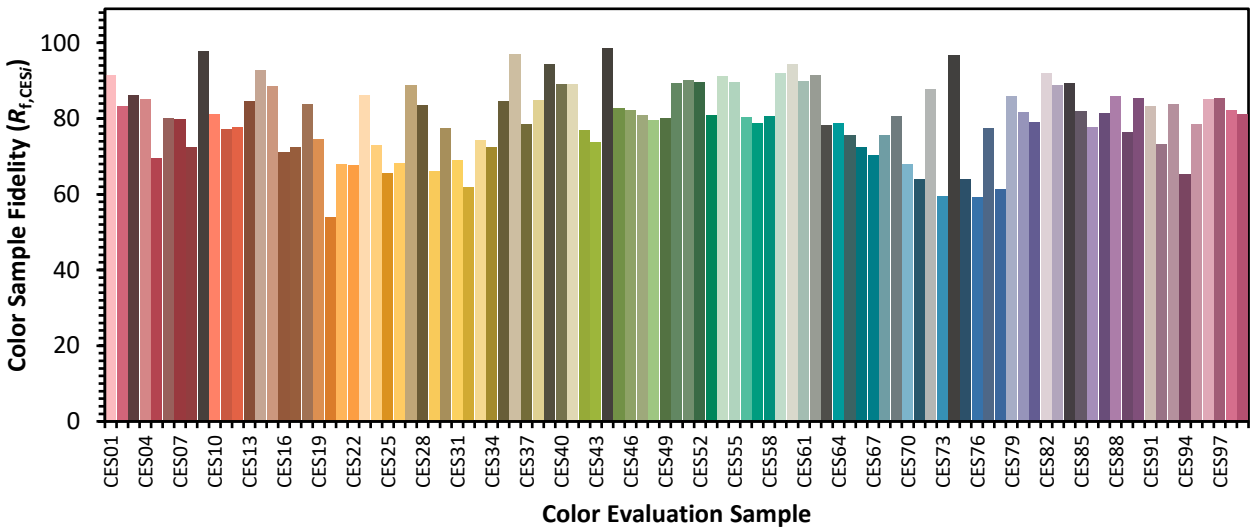
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 90	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 90	CES77 = 78
CES03 = 31	CES28 = 84	CES53 = 81	CES78 = 61
CES04 = 70	CES29 = 66	CES54 = 91	CES79 = 86
CES05 = 49	CES30 = 77	CES55 = 90	CES80 = 82
CES06 = 51	CES31 = 69	CES56 = 80	CES81 = 79
CES07 = 42	CES32 = 62	CES57 = 79	CES82 = 92
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 72	CES59 = 92	CES84 = 89
CES10 = 75	CES35 = 85	CES60 = 94	CES85 = 82
CES11 = 58	CES36 = 97	CES61 = 90	CES86 = 78
CES12 = 64	CES37 = 79	CES62 = 92	CES87 = 82
CES13 = 43	CES38 = 85	CES63 = 78	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 79	CES89 = 76
CES15 = 71	CES40 = 89	CES65 = 76	CES90 = 85
CES16 = 47	CES41 = 89	CES66 = 73	CES91 = 83
CES17 = 49	CES42 = 77	CES67 = 70	CES92 = 73
CES18 = 56	CES43 = 74	CES68 = 76	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 81	CES94 = 65
CES20 = 66	CES45 = 83	CES70 = 68	CES95 = 79
CES21 = 86	CES46 = 82	CES71 = 64	CES96 = 85
CES22 = 78	CES47 = 81	CES72 = 88	CES97 = 85
CES23 = 92	CES48 = 80	CES73 = 60	CES98 = 82
CES24 = 91	CES49 = 80	CES74 = 97	CES99 = 81
CES25 = 72	CES50 = 89	CES75 = 64	



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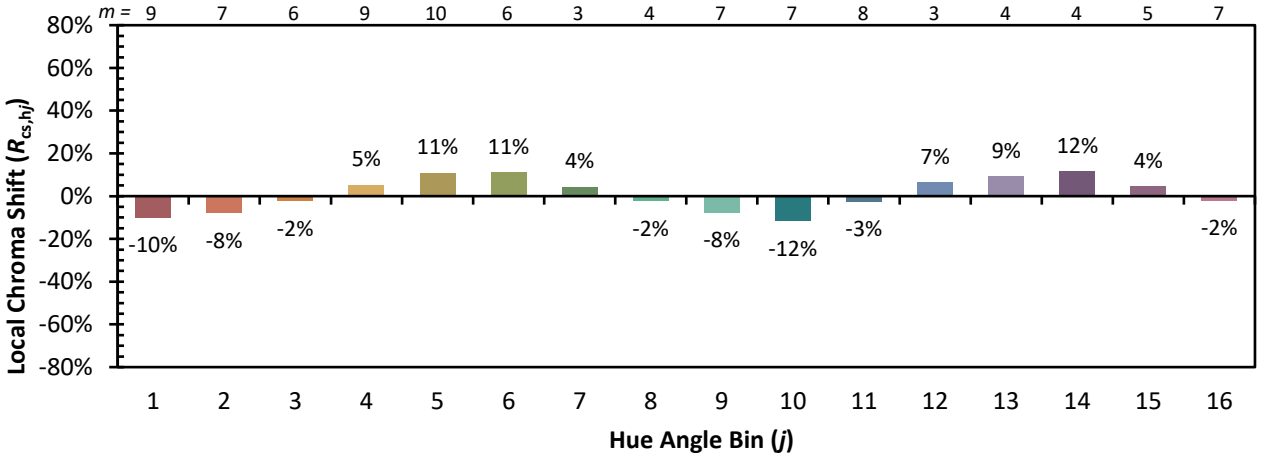
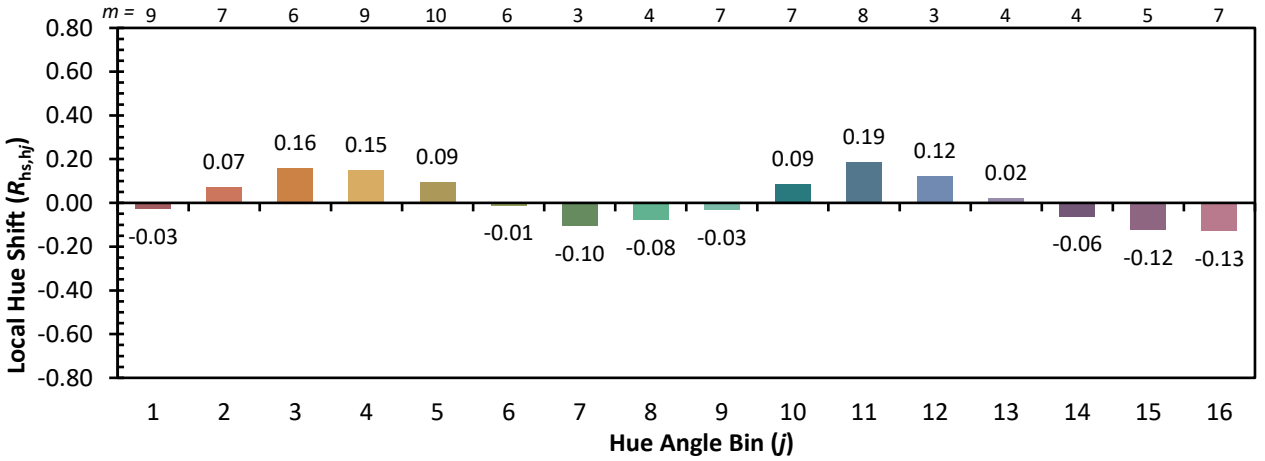
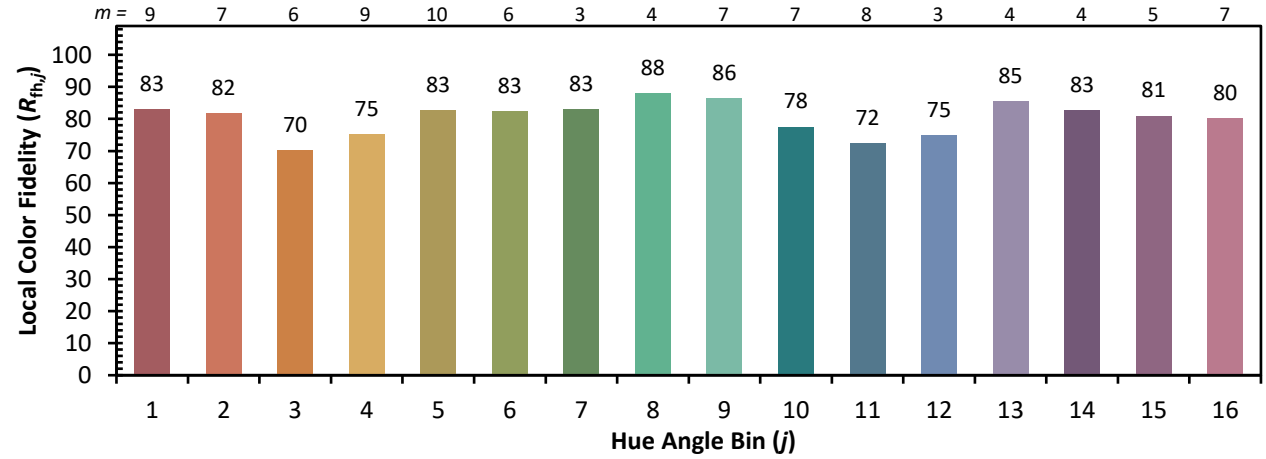
Color Rendition by Hue-Angle Bin







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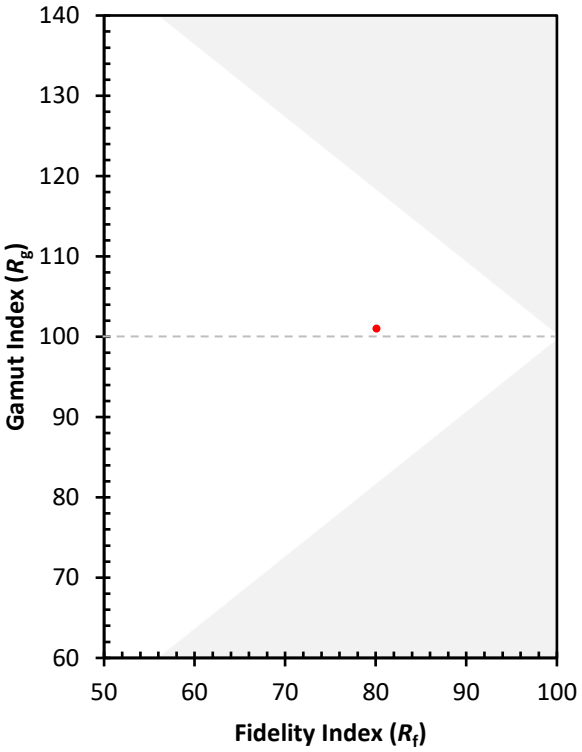
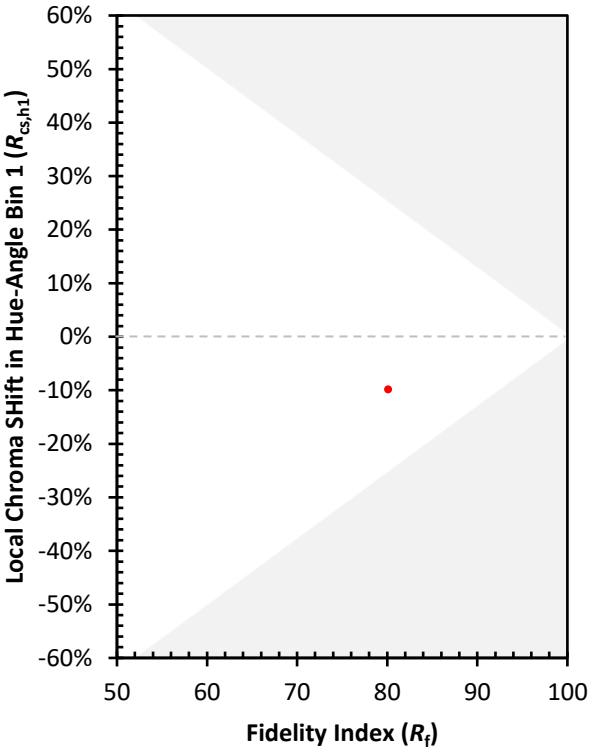
Measure Comparisons





(END OF REPORT)