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: P1433811

Luminaire Tested: EHBR1-30-UNV-N-L940-UPL12

Issue Date: 3/20/2026

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:	P1433811
	REPORT IS A COMBINATION OF REPORTS P1431748 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-30-UNV-N-L940-UPL12
Description:	Elevate Round Highbay at, 30000 lumens, 4000K 90CRI LEDs with N lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29877.4 lumens
Efficiency:	N/A
Efficacy:	178.7 lumens/watt
Spacing Criteria (0/90/45):	0.82 / 0.82 / 0.8
Luminous Opening:	Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type:	Direct

Input Watts (W):	167.2
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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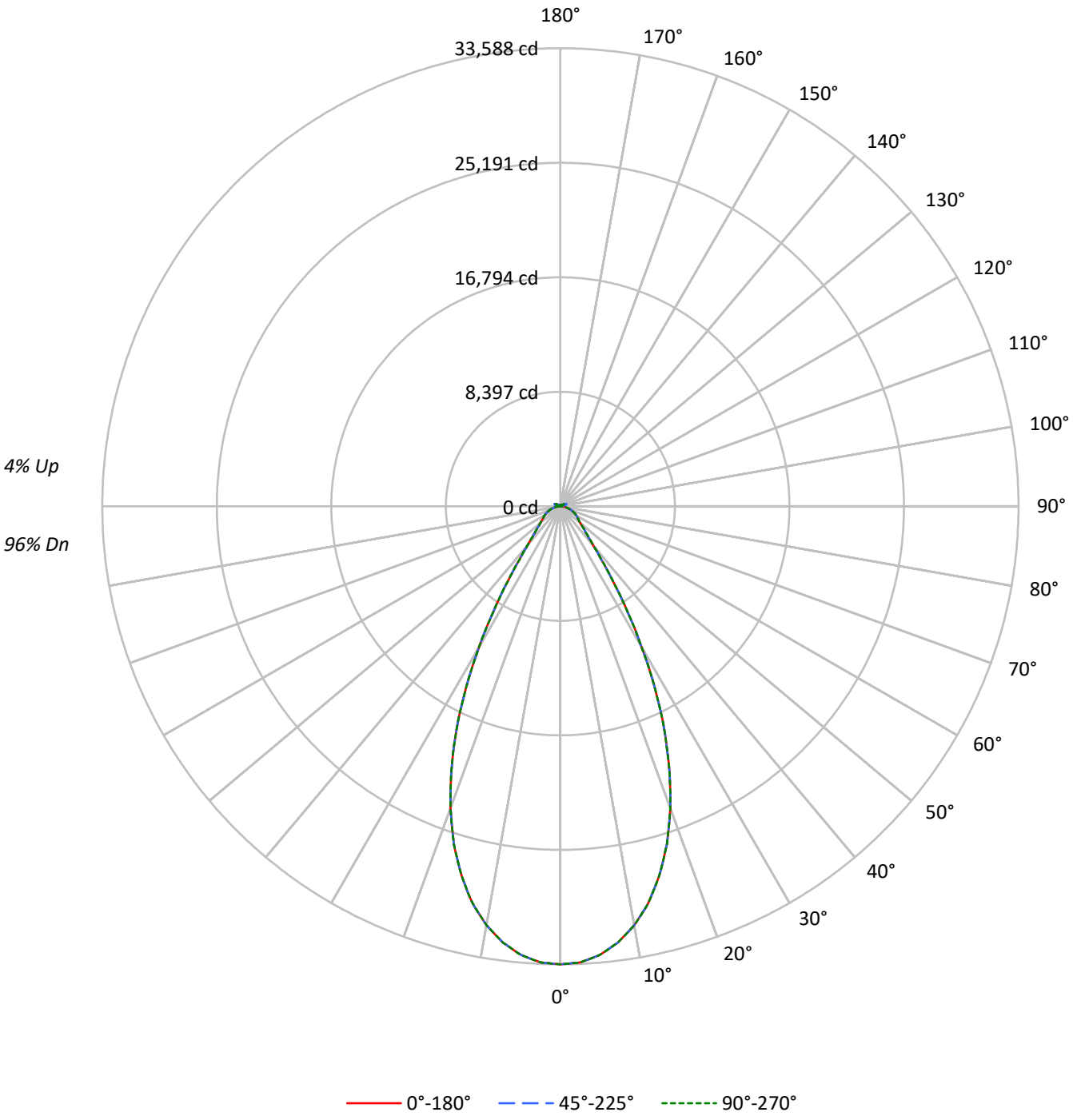
Luminous Intensity Polar Plot



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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	104	104	104	99	99	99	96
1	111	108	105	103	108	106	103	101	101	99	97	96	95	93	92	91	90	88
2	105	99	94	90	102	97	93	89	93	90	87	90	87	84	86	84	82	80
3	99	91	86	81	96	90	84	80	86	82	79	84	80	77	81	78	75	73
4	93	85	78	74	91	83	78	73	81	76	72	78	74	71	76	72	69	68
5	88	79	72	68	86	78	72	67	75	70	66	73	69	65	71	67	64	63
6	83	74	67	62	82	73	67	62	71	65	61	69	64	61	67	63	60	58
7	79	69	63	58	78	68	62	58	67	61	57	65	60	57	64	59	56	54
8	75	65	59	54	74	64	58	54	63	57	54	61	57	53	60	56	53	51
9	72	61	55	51	70	61	55	51	59	54	50	58	53	50	57	53	50	48
10	68	58	52	48	67	57	52	48	56	51	47	55	50	47	54	50	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	157732	157732	157732
5°	154670	154670	154670
10°	146800	146800	146800
15°	133569	133569	133569
20°	114572	114572	114572
25°	90129	90129	90129
30°	61852	61852	61852
35°	36742	36742	36742
40°	21739	21739	21739
45°	15605	15605	15605
50°	12827	12827	12827
55°	11658	11658	11658
60°	11161	11161	11161
65°	10645	10645	10645
70°	9899	9899	9899
75°	8949	8949	8949
80°	7427	7427	7427
85°	4702	4702	4702

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 15605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3094.0	10.4
10°-20°	7766.4	26.0
20°-30°	8120.5	27.2
30°-40°	4400.0	14.7
40°-50°	2024.2	6.8
50°-60°	1426.5	4.8
60°-70°	1097.8	3.7
70°-80°	665.5	2.2
80°-90°	189.4	0.6
90°-100°	31.3	0.1
100°-110°	195.3	0.7
110°-120°	349.2	1.2
120°-130°	204.9	0.7
130°-140°	125.7	0.4
140°-150°	87.2	0.3
150°-160°	56.7	0.2
160°-170°	32.3	0.1
170°-180°	10.7	0.0
0°-30°	18980.9	63.5
0°-40°	23380.9	78.3
0°-60°	26831.5	89.8
0°-90°	28784.2	96.3
90°-120°	575.8	1.9
90°-150°	993.6	3.3
90°-180°	1093.0	3.7
0°-180°	29877.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	33588	33588	33588	33588	33588	
5°	33024	33024	33024	33024	33024	3094
15°	28022	28022	28022	28022	28022	7766
25°	17999	17999	17999	17999	17999	8121
35°	6744	6744	6744	6744	6744	4400
45°	2525	2525	2525	2525	2525	2024
55°	1576	1576	1576	1576	1576	1426
65°	1111	1111	1111	1111	1111	1098
75°	630	630	630	630	630	666
85°	162	162	162	162	162	179
90°	9	14	24	15	9	12
95°	14	23	51	25	16	13
105°	68	134	344	148	90	91
115°	314	330	406	389	387	289
125°	226	212	217	220	247	207
135°	165	160	166	156	155	129
145°	136	134	142	140	140	86
155°	119	118	123	123	123	55
165°	111	111	114	114	114	32
175°	110	110	112	112	112	11
180°	111	111	111	111	111	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	33587.9	33587.9	33587.9	33587.9	33587.9
2.5°	33468.7	33468.7	33468.7	33468.7	33468.7
5°	33024.4	33024.4	33024.4	33024.4	33024.4
7.5°	32265.9	32265.9	32265.9	32265.9	32265.9
10°	31189.6	31189.6	31189.6	31189.6	31189.6
12.5°	29798.8	29798.8	29798.8	29798.8	29798.8
15°	28022.0	28022.0	28022.0	28022.0	28022.0
17.5°	25960.5	25960.5	25960.5	25960.5	25960.5
20°	23547.9	23547.9	23547.9	23547.9	23547.9
22.5°	20861.8	20861.8	20861.8	20861.8	20861.8
25°	17998.7	17998.7	17998.7	17998.7	17998.7
27.5°	14963.4	14963.4	14963.4	14963.4	14963.4
30°	11897.1	11897.1	11897.1	11897.1	11897.1
32.5°	9130.7	9130.7	9130.7	9130.7	9130.7
35°	6743.5	6743.5	6743.5	6743.5	6743.5
37.5°	4951.3	4951.3	4951.3	4951.3	4951.3
40°	3768.0	3768.0	3768.0	3768.0	3768.0
42.5°	3021.4	3021.4	3021.4	3021.4	3021.4
45°	2524.9	2524.9	2524.9	2524.9	2524.9
47.5°	2167.2	2167.2	2167.2	2167.2	2167.2
50°	1911.7	1911.7	1911.7	1911.7	1911.7
52.5°	1725.2	1725.2	1725.2	1725.2	1725.2
55°	1575.5	1575.5	1575.5	1575.5	1575.5
57.5°	1454.0	1454.0	1454.0	1454.0	1454.0
60°	1341.7	1341.7	1341.7	1341.7	1341.7
62.5°	1229.2	1229.2	1229.2	1229.2	1229.2
65°	1111.1	1111.1	1111.1	1111.1	1111.1
67.5°	990.5	990.5	990.5	990.5	990.5
70°	868.6	868.6	868.6	868.6	868.6
72.5°	750.0	750.0	750.0	750.0	750.0
75°	630.4	630.4	630.4	630.4	630.4
77.5°	513.2	513.2	513.2	513.2	513.2
80°	390.7	390.7	390.7	390.7	390.7
82.5°	273.6	273.6	273.6	273.6	273.6
85°	161.6	161.6	161.6	161.6	161.6
87.5°	57.9	57.9	57.9	57.9	57.9
90°	9.0	14.1	23.5	15.3	9.0
92.5°	11.9	20.0	36.3	18.7	10.6
95°	13.8	23.1	50.7	25.1	15.7
97.5°	17.5	25.6	58.2	30.7	24.4
100°	23.1	30.0	90.7	37.5	32.5
102.5°	39.4	63.8	192.8	70.7	49.5
105°	68.2	134.5	343.5	148.3	90.1
107.5°	118.2	240.9	453.0	262.8	170.9
110°	220.9	319.7	475.0	361.0	273.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*298.5*	343.5	454.9	398.6	356.0
115°	*314.2*	330.4	406.1	389.1	386.7
117.5°	*303.4*	301.6	344.8	349.7	373.6
120°	*281.0*	268.4	287.8	305.3	337.3
122.5°	*252.8*	237.8	246.5	259.6	291.6
125°	*226.5*	211.5	217.2	220.2	247.2
127.5°	*203.4*	193.3	196.5	192.8	209.6
130°	*187.7*	179.0	183.3	174.6	182.7
132.5°	*174.6*	168.9	173.9	163.3	165.8
135°	*165.2*	160.1	165.8	155.8	155.2
137.5°	*157.1*	152.7	158.3	150.8	148.9
140°	*149.5*	145.8	152.0	146.5	145.2
142.5°	*141.4*	138.9	146.5	142.6	141.4
145°	*135.7*	133.9	142.1	140.1	139.6
147.5°	*130.8*	129.5	137.0	136.4	136.4
150°	*126.4*	125.1	132.7	132.0	132.7
152.5°	*122.0*	120.7	127.6	127.0	127.6
155°	*118.9*	117.7	123.3	123.3	123.3
157.5°	*116.4*	115.7	120.2	120.2	120.2
160°	*114.5*	113.8	117.7	117.7	117.0
162.5°	*112.6*	112.0	116.4	115.7	115.7
165°	*111.3*	111.3	114.5	114.5	113.8
167.5°	*111.3*	110.8	113.8	113.8	113.3
170°	*110.8*	110.8	113.3	112.6	112.0
172.5°	*110.8*	110.8	113.3	112.6	112.0
175°	*110.1*	110.1	112.0	112.0	112.0
177.5°	*110.8*	110.8	112.0	112.0	111.3
180°	*111.3*	111.3	111.3	111.3	111.3

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TEST NUMBER: P1433811
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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	16.71	17.82	17.15	18.21	18.62	16.71	17.82	17.15	18.21	18.62
	3H	18.49	19.48	18.94	19.89	20.35	18.49	19.48	18.94	19.89	20.35
	4H	19.15	20.07	19.62	20.50	20.98	19.15	20.07	19.62	20.50	20.98
	6H	19.61	20.46	20.10	20.90	21.39	19.61	20.46	20.10	20.90	21.39
	8H	19.74	20.53	20.24	21.00	21.50	19.74	20.53	20.24	21.00	21.50
	12H	19.79	20.55	20.29	21.01	21.53	19.79	20.55	20.29	21.01	21.53
4H	2H	17.26	18.17	17.73	18.60	19.08	17.26	18.17	17.73	18.60	19.08
	3H	19.23	19.99	19.71	20.46	20.96	19.23	19.99	19.71	20.46	20.96
	4H	20.00	20.68	20.50	21.17	21.71	20.00	20.68	20.50	21.17	21.71
	6H	20.57	21.16	21.10	21.68	22.23	20.57	21.16	21.10	21.68	22.23
	8H	20.73	21.28	21.27	21.79	22.35	20.73	21.28	21.27	21.79	22.35
	12H	20.81	21.29	21.36	21.84	22.40	20.81	21.29	21.36	21.84	22.40
8H	4H	20.23	20.78	20.77	21.29	21.85	20.23	20.78	20.77	21.29	21.85
	6H	20.92	21.36	21.48	21.92	22.49	20.92	21.36	21.48	21.92	22.49
	8H	21.14	21.53	21.72	22.11	22.69	21.14	21.53	21.72	22.11	22.69
	12H	21.28	21.62	21.86	22.18	22.84	21.28	21.62	21.86	22.18	22.84
12H	4H	20.23	20.71	20.78	21.26	21.82	20.23	20.71	20.78	21.26	21.82
	6H	20.94	21.33	21.53	21.91	22.49	20.94	21.33	21.53	21.91	22.49
	8H	21.20	21.54	21.78	22.11	22.76	21.20	21.54	21.78	22.11	22.76

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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: SP1-2506-472-7

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L940-N

Data in this report applies to families of products including EHBR-60-L940-N

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

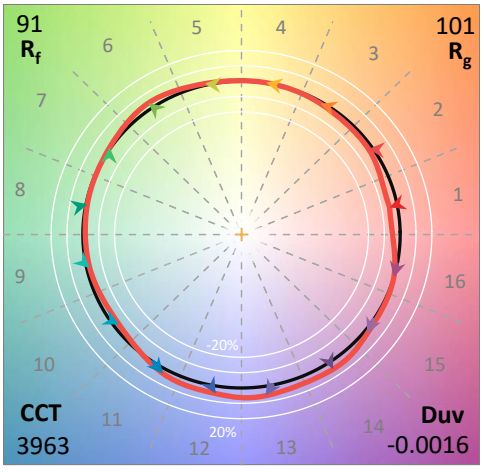
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-7
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-L940-N**
Description:	Elevate Round Highbay at, 60000 lumens, 4000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K):	3963
CIE u':	0.2267
CIE v':	0.5003
Duv:	-0.0016
CIE x:	0.3810
CIE y:	0.3738
CIE z:	0.2453
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	580
Purity:	26.49712
Rf:	90.7
Rg:	101

CRI (Ra):	93.4
R1:	95.2
R2:	95.1
R3:	93.3
R4:	94.5
R5:	94.2
R6:	92.9
R7:	94.0
R8:	87.7
R9:	66.4
R10:	86.6
R11:	94.4
R12:	75.4
R13:	95.0
R14:	95.4
R15:	92.8



Test Conditions

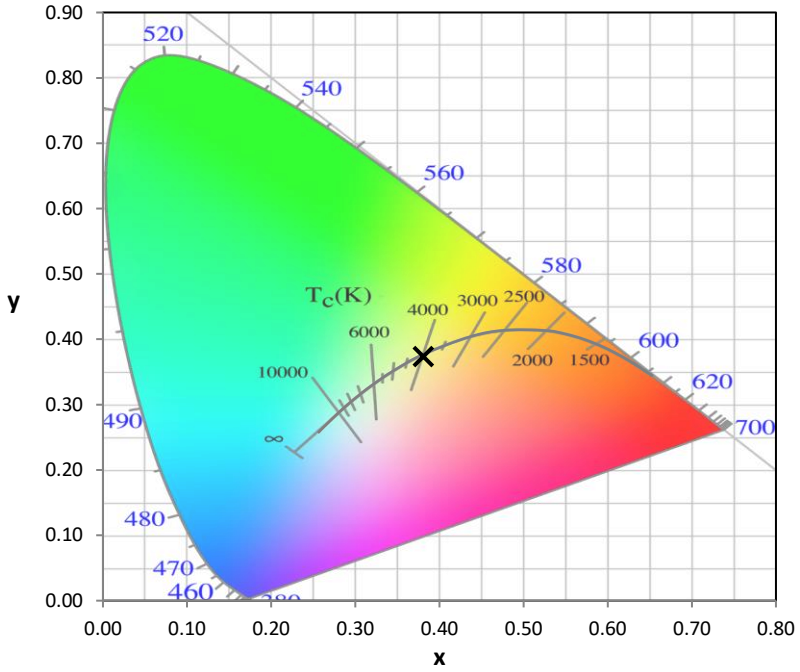
Stabilization Time:	44M
Operation Time:	1H 44M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-7

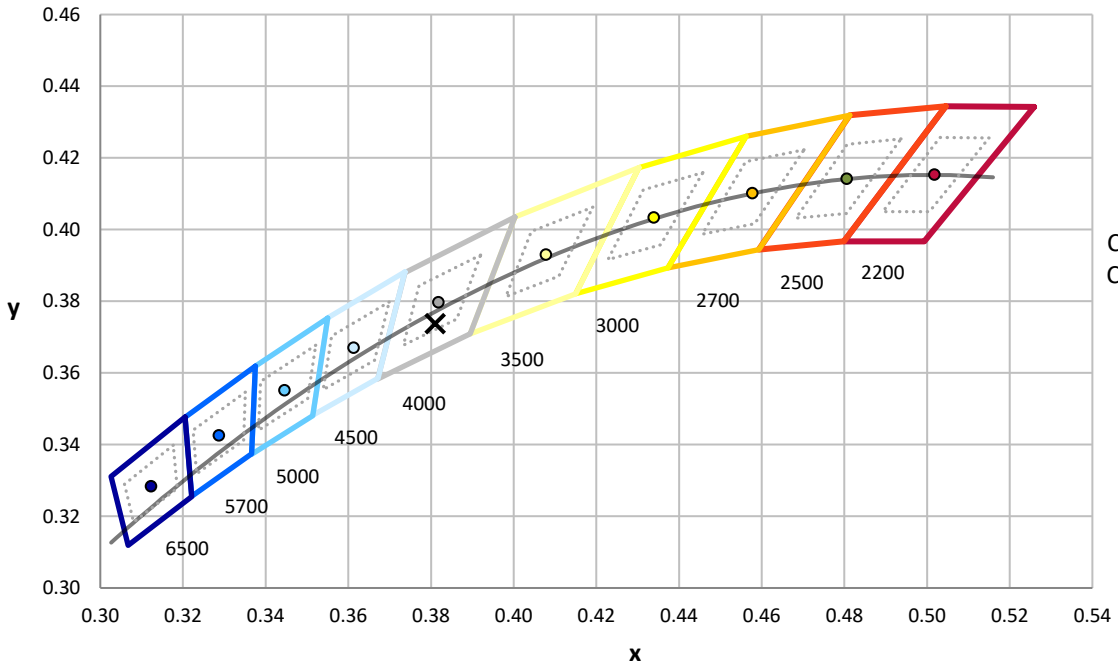
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-7

CIE 1931 Chromaticity Diagram



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

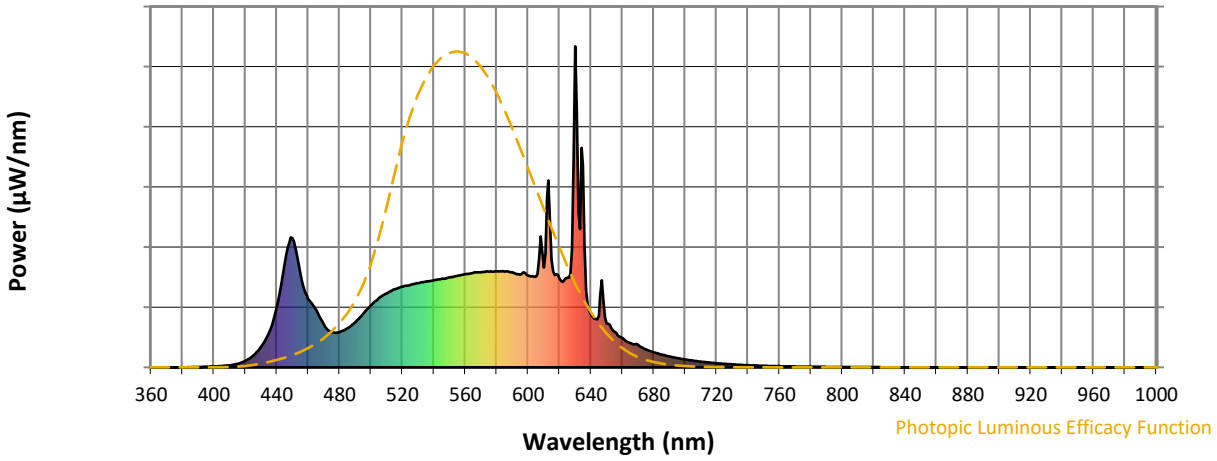


CCT = 3963K
CIE x = 0.3810
CIE y = 0.3738
Duv = -0.0016

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-7

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

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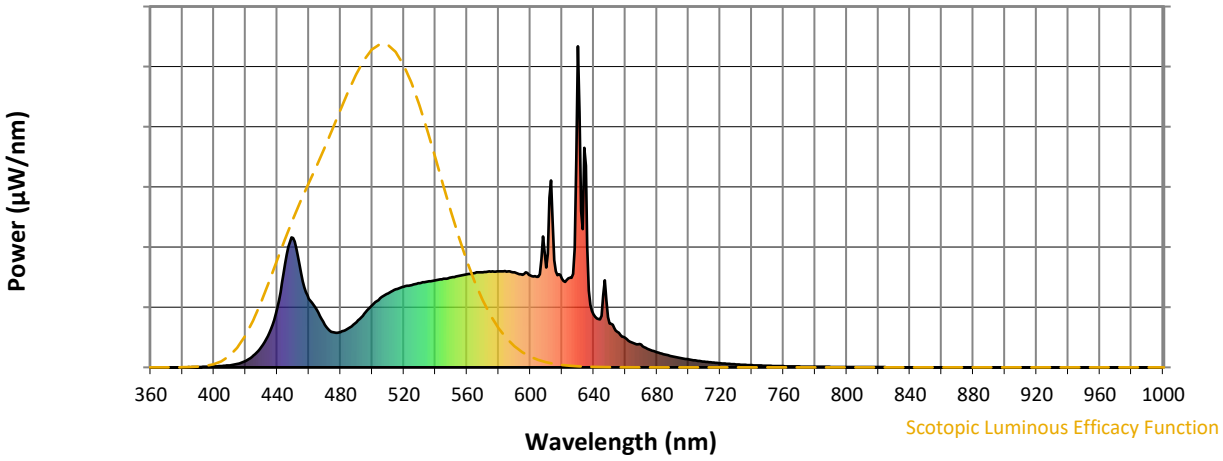
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.76**

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

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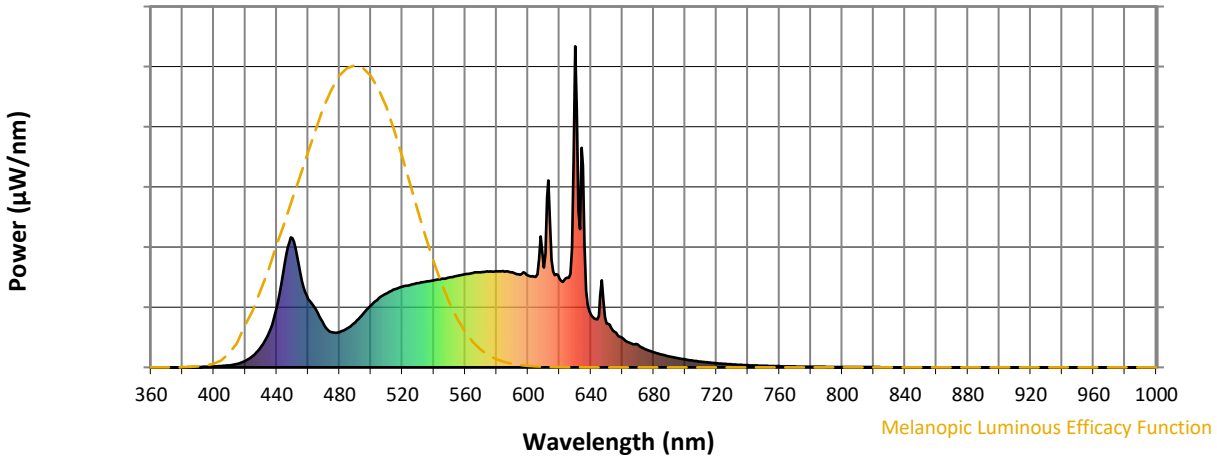
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.64**

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	141	NR	620	276	NR	750	5	NR	880	0	NR
365	0	NR	495	167	NR	625	279	NR	755	4	NR	885	0	NR
370	0	NR	500	193	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	215	NR	635	628	NR	765	3	NR	895	0	NR
380	0	NR	510	230	NR	640	164	NR	770	3	NR	900	0	NR
385	0	NR	515	243	NR	645	161	NR	775	2	NR	905	0	NR
390	1	NR	520	251	NR	650	137	NR	780	2	NR	910	0	NR
395	2	NR	525	256	NR	655	111	NR	785	2	NR	915	0	NR
400	3	NR	530	262	NR	660	92	NR	790	1	NR	920	0	NR
405	4	NR	535	267	NR	665	76	NR	795	1	NR	925	0	NR
410	6	NR	540	271	NR	670	71	NR	800	1	NR	930	0	NR
415	11	NR	545	276	NR	675	56	NR	805	1	NR	935	0	NR
420	20	NR	550	280	NR	680	47	NR	810	1	NR	940	0	NR
425	37	NR	555	285	NR	685	40	NR	815	1	NR	945	0	NR
430	63	NR	560	290	NR	690	34	NR	820	1	NR	950	0	NR
435	108	NR	565	294	NR	695	29	NR	825	1	NR	955	0	NR
440	186	NR	570	296	NR	700	25	NR	830	0	NR	960	0	NR
445	323	NR	575	298	NR	705	21	NR	835	0	NR	965	0	NR
450	403	NR	580	299	NR	710	18	NR	840	0	NR	970	0	NR
455	293	NR	585	298	NR	715	15	NR	845	0	NR	975	0	NR
460	214	NR	590	296	NR	720	13	NR	850	0	NR	980	0	NR
465	180	NR	595	288	NR	725	11	NR	855	0	NR	985	0	NR
470	132	NR	600	286	NR	730	9	NR	860	0	NR	990	0	NR
475	109	NR	605	282	NR	735	8	NR	865	0	NR	995	0	NR
480	110	NR	610	311	NR	740	7	NR	870	0	NR	1000	0	NR
485	121	NR	615	334	NR	745	6	NR	875	0	NR			

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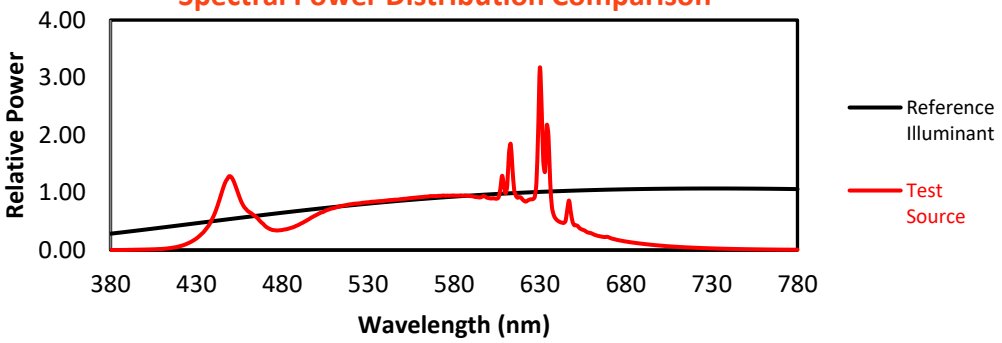
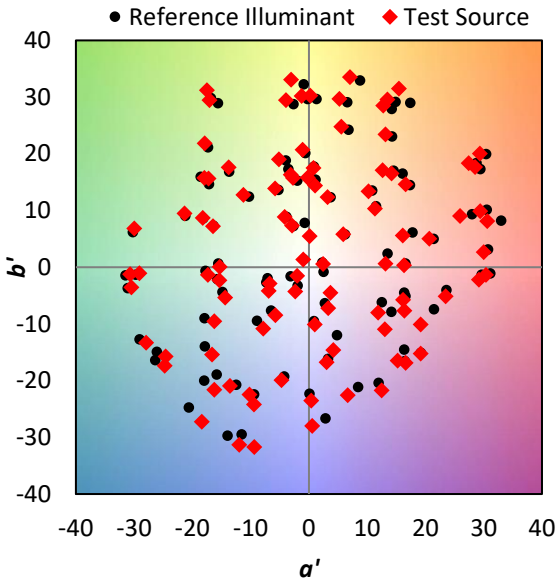
Summary

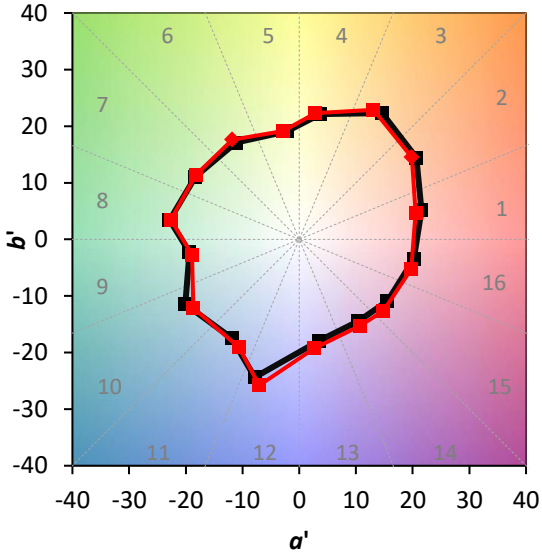
R_f = 90.7
R_g = 101
CIE R_a = 93.4
R_9 = 66.4

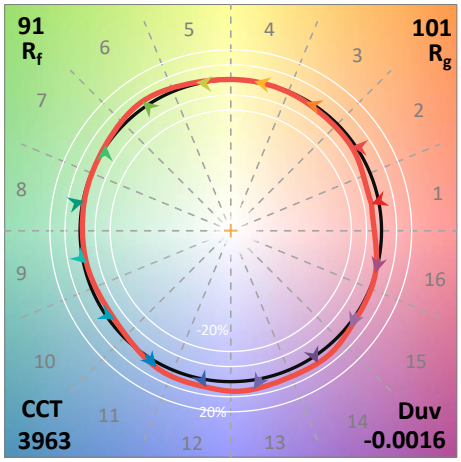
Spectral Power Distribution Comparison

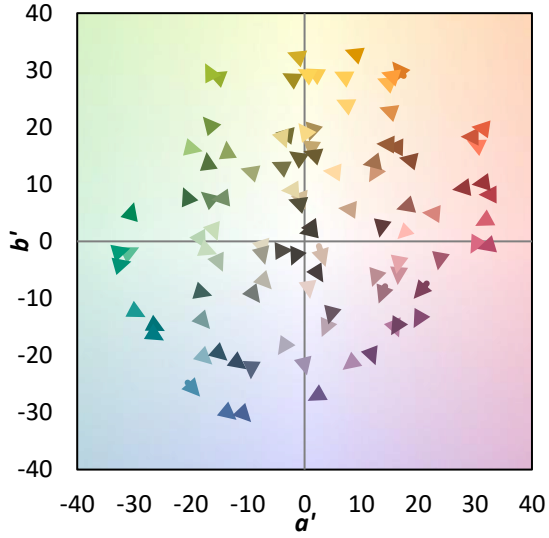


Color Vector Graphics









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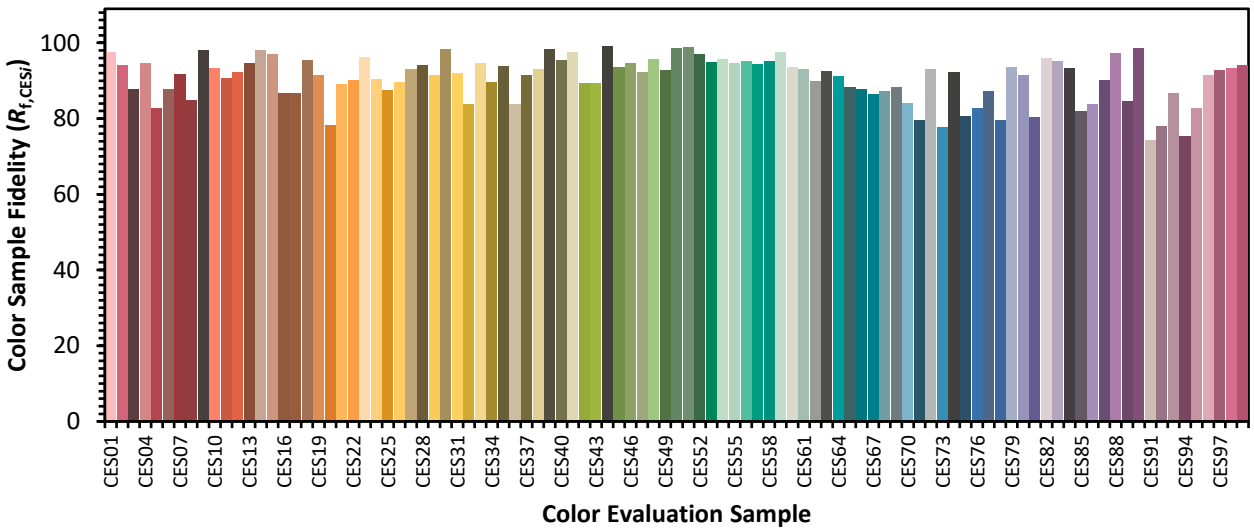
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 90	CES51 = 99	CES76 = 83
CES02 = 62	CES27 = 93	CES52 = 97	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 95	CES78 = 79
CES04 = 69	CES29 = 91	CES54 = 96	CES79 = 94
CES05 = 49	CES30 = 98	CES55 = 95	CES80 = 91
CES06 = 50	CES31 = 92	CES56 = 95	CES81 = 80
CES07 = 42	CES32 = 84	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 95	CES58 = 95	CES83 = 95
CES09 = 29	CES34 = 90	CES59 = 98	CES84 = 93
CES10 = 74	CES35 = 94	CES60 = 93	CES85 = 82
CES11 = 57	CES36 = 84	CES61 = 93	CES86 = 84
CES12 = 63	CES37 = 92	CES62 = 90	CES87 = 90
CES13 = 43	CES38 = 93	CES63 = 92	CES88 = 97
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 84
CES15 = 71	CES40 = 96	CES65 = 88	CES90 = 99
CES16 = 47	CES41 = 98	CES66 = 88	CES91 = 74
CES17 = 49	CES42 = 89	CES67 = 87	CES92 = 78
CES18 = 56	CES43 = 89	CES68 = 87	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 88	CES94 = 75
CES20 = 66	CES45 = 93	CES70 = 84	CES95 = 83
CES21 = 85	CES46 = 95	CES71 = 80	CES96 = 91
CES22 = 78	CES47 = 92	CES72 = 93	CES97 = 93
CES23 = 91	CES48 = 96	CES73 = 78	CES98 = 93
CES24 = 90	CES49 = 93	CES74 = 92	CES99 = 94
CES25 = 71	CES50 = 99	CES75 = 81	



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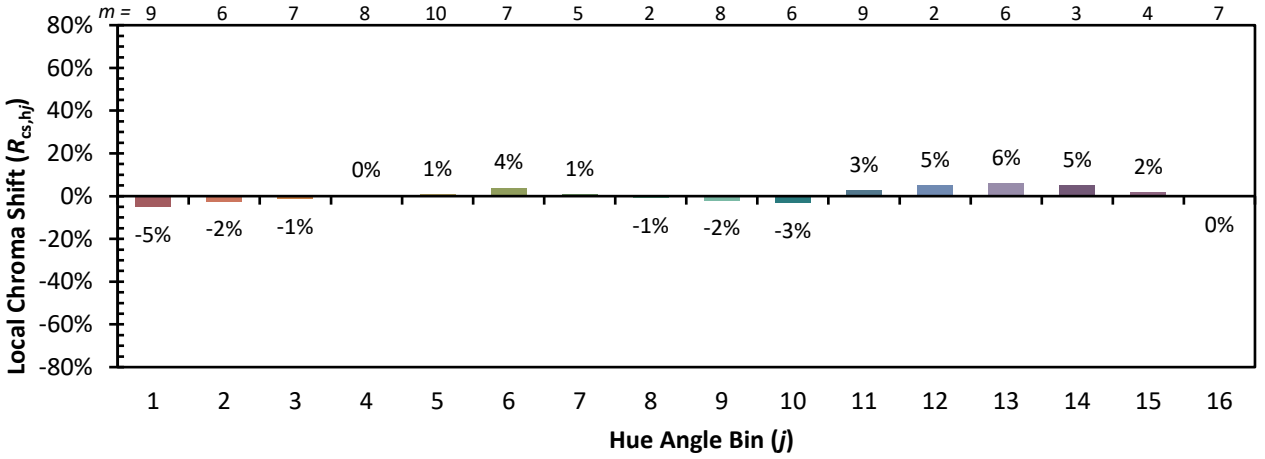
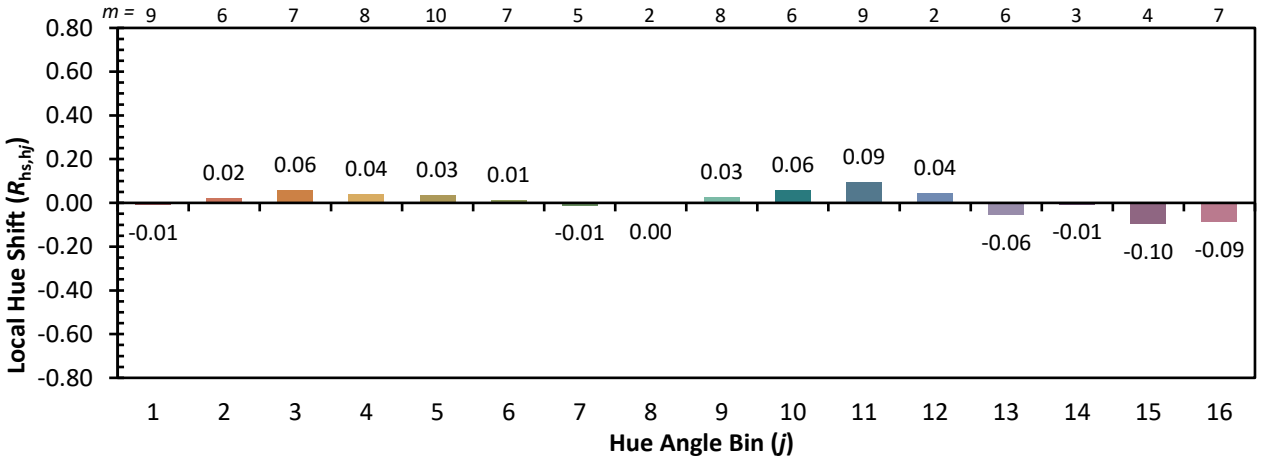
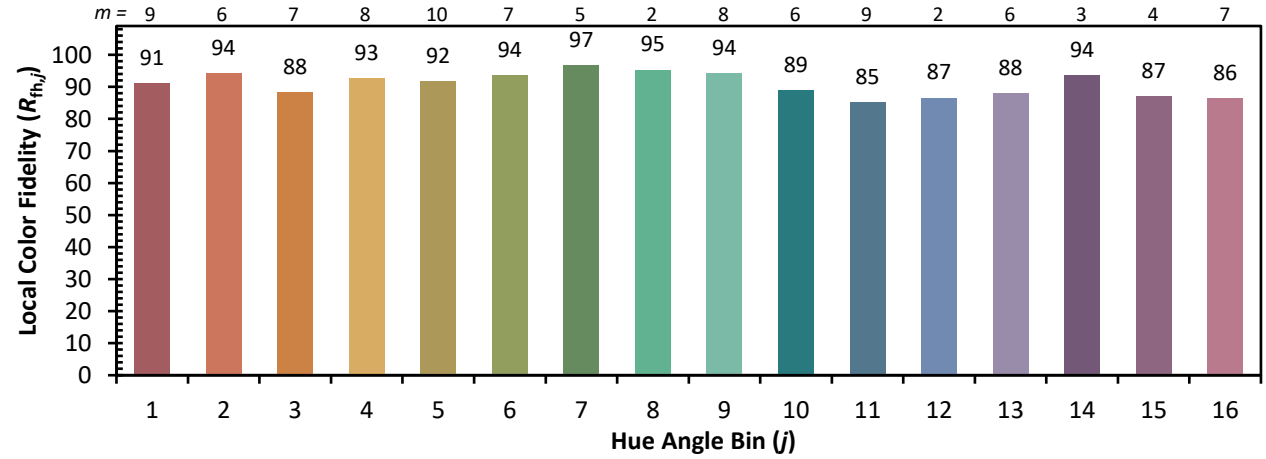
Color Rendition by Hue-Angle Bin







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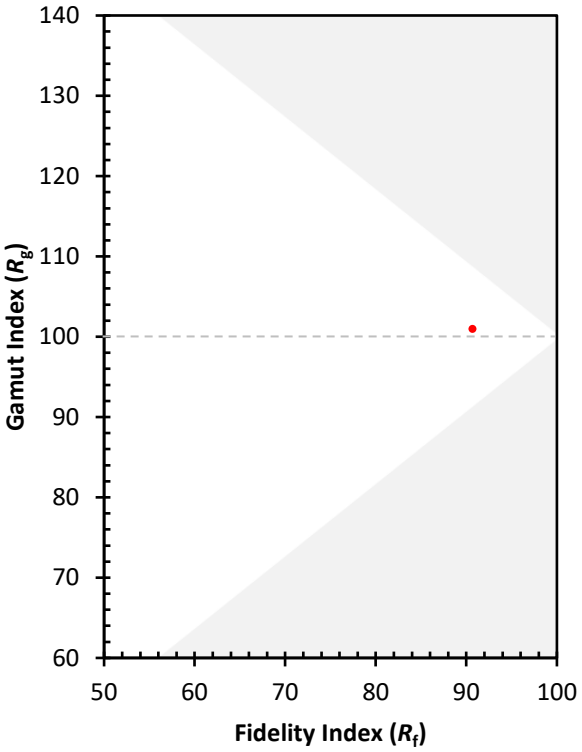
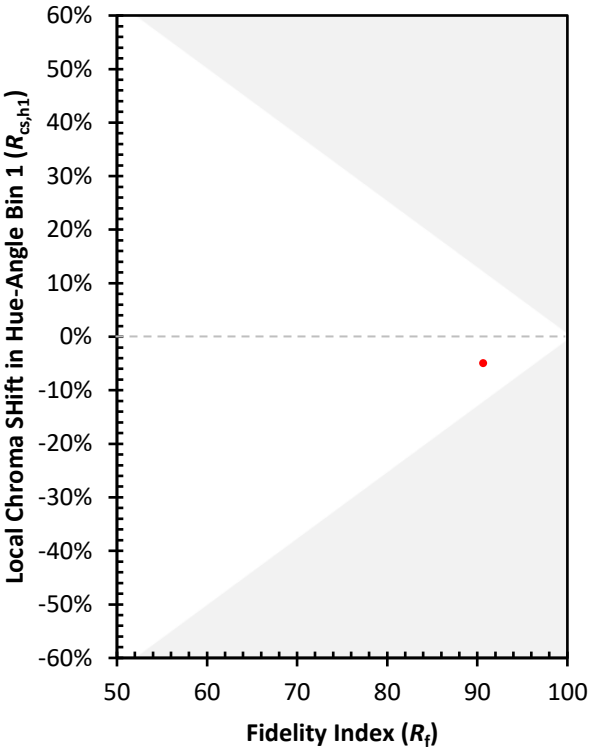
Measure Comparisons





(END OF REPORT)