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: P1436656

Luminaire Tested: EHBR1-30-UNV-M-L950-UPL36

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:	P1436656
	REPORT IS A COMBINATION OF REPORTS P1436090 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/25/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-30-UNV-M-L950-UPL36
Description:	Elevate Round Highbay at, 30000 lumens, 5000K 90CRI LEDs with M lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32058.5 lumens
Efficiency:	N/A
Efficacy:	170.3 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):	188.2
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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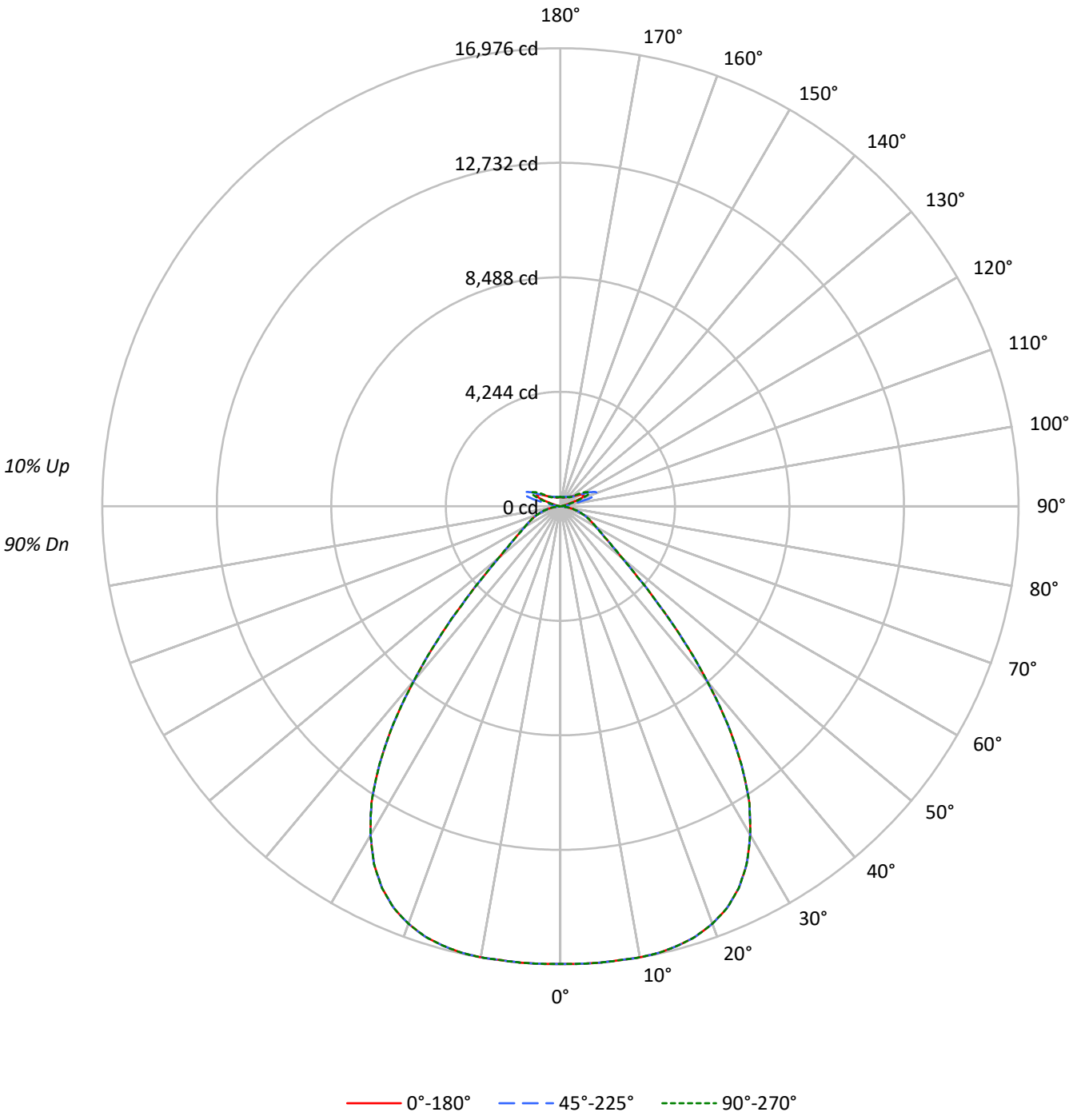
Scaled Data Report

TEST NUMBER: P1436656
CATALOG NUMBER: EHBR1-30-UNV-M-L950-UPL36

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	60	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	68	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°	79646	79646	79646
5°	79509	79509	79509
10°	79882	79882	79882
15°	80341	80341	80341
20°	80099	80099	80099
25°	78228	78228	78228
30°	73149	73149	73149
35°	63706	63706	63706
40°	48823	48823	48823
45°	31895	31895	31895
50°	20107	20107	20107
55°	14988	14988	14988
60°	12619	12619	12619
65°	11475	11475	11475
70°	10452	10452	10452
75°	8949	8949	8949
80°	6891	6891	6891
85°	3614	3614	3614

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 31895 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1619.8	5.1
10°-20°	4756.9	14.8
20°-30°	7137.6	22.3
30°-40°	7181.2	22.4
40°-50°	4110.7	12.8
50°-60°	1880.1	5.9
60°-70°	1192.9	3.7
70°-80°	669.2	2.1
80°-90°	163.0	0.5
90°-100°	95.4	0.3
100°-110°	598.0	1.9
110°-120°	1069.4	3.3
120°-130°	627.5	2.0
130°-140°	384.9	1.2
140°-150°	267.0	0.8
150°-160°	173.5	0.5
160°-170°	98.8	0.3
170°-180°	32.7	0.1
0°-30°	13514.4	42.2
0°-40°	20695.6	64.6
0°-60°	26686.4	83.2
0°-90°	28711.5	89.6
90°-120°	1762.8	5.5
90°-150°	3042.1	9.5
90°-180°	3347.0	10.4
0°-180°	32058.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	16960	16960	16960	16960	16960	
5°	16976	16976	16976	16976	16976	1620
15°	16855	16855	16855	16855	16855	4757
25°	15622	15622	15622	15622	15622	7138
35°	11692	11692	11692	11692	11692	7181
45°	5160	5160	5160	5160	5160	4111
55°	2026	2026	2026	2026	2026	1880
65°	1198	1198	1198	1198	1198	1193
75°	630	630	630	630	630	669
85°	124	124	124	124	124	152
90°	25	40	69	44	25	17
95°	42	71	155	77	48	41
105°	209	412	1052	454	276	280
115°	962	1012	1244	1192	1184	886
125°	694	648	665	674	757	632
135°	506	490	508	477	475	396
145°	416	410	435	429	427	263
155°	364	360	377	377	377	170
165°	341	341	351	351	349	97
175°	337	337	343	343	343	32
180°	341	341	341	341	341	

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TEST NUMBER: P1436656
CATALOG NUMBER: EHBR1-30-UNV-M-L950-UPL36

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*16960.0*	16960.0	16960.0	16960.0	16960.0
2.5°	*16968.2*	16968.2	16968.2	16968.2	16968.2
5°	*16976.4*	*16976.4*	*16976.4*	*16976.4*	*16976.4*
7.5°	*16964.8*	16964.8	16964.8	16964.8	16964.8
10°	*16972.0*	16972.0	16972.0	16972.0	16972.0
12.5°	*16942.9*	16942.9	16942.9	16942.9	16942.9
15°	*16855.1*	16855.1	16855.1	16855.1	16855.1
17.5°	*16710.0*	16710.0	16710.0	16710.0	16710.0
20°	*16462.6*	16462.6	16462.6	16462.6	16462.6
22.5°	*16122.4*	16122.4	16122.4	16122.4	16122.4
25°	*15622.1*	15622.1	15622.1	15622.1	15622.1
27.5°	*14948.9*	14948.9	14948.9	14948.9	14948.9
30°	*14070.1*	14070.1	14070.1	14070.1	14070.1
32.5°	*13029.7*	13029.7	13029.7	13029.7	13029.7
35°	*11692.3*	11692.3	11692.3	11692.3	11692.3
37.5°	*10177.2*	10177.2	10177.2	10177.2	10177.2
40°	*8462.2*	8462.2	8462.2	8462.2	8462.2
42.5°	*6762.3*	6762.3	6762.3	6762.3	6762.3
45°	*5160.4*	5160.4	5160.4	5160.4	5160.4
47.5°	*3884.6*	3884.6	3884.6	3884.6	3884.6
50°	*2996.6*	2996.6	2996.6	2996.6	2996.6
52.5°	*2421.0*	2421.0	2421.0	2421.0	2421.0
55°	*2025.5*	2025.5	2025.5	2025.5	2025.5
57.5°	*1734.4*	1734.4	1734.4	1734.4	1734.4
60°	*1517.0*	1517.0	1517.0	1517.0	1517.0
62.5°	*1349.0*	1349.0	1349.0	1349.0	1349.0
65°	*1197.7*	1197.7	1197.7	1197.7	1197.7
67.5°	*1058.4*	1058.4	1058.4	1058.4	1058.4
70°	*917.1*	917.1	917.1	917.1	917.1
72.5°	*775.0*	775.0	775.0	775.0	775.0
75°	*630.4*	630.4	630.4	630.4	630.4
77.5°	*493.1*	493.1	493.1	493.1	493.1
80°	*362.5*	362.5	362.5	362.5	362.5
82.5°	*236.3*	236.3	236.3	236.3	236.3
85°	*124.2*	124.2	124.2	124.2	124.2
87.5°	*35.4*	35.4	35.4	35.4	35.4
90°	*24.9*	40.3	68.9	44.0	24.9
92.5°	*36.4*	61.4	111.1	57.5	32.6
95°	*42.2*	70.9	155.2	76.6	47.9
97.5°	*53.7*	78.6	178.2	93.9	74.7
100°	*70.9*	92.0	277.8	114.9	99.7
102.5°	*120.7*	195.4	590.1	216.5	151.4
105°	*208.8*	412.0	1051.8	454.1	275.9
107.5°	*362.1*	737.7	1387.2	804.7	523.1
110°	*676.3*	979.0	1454.2	1105.5	837.2

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CATALOG NUMBER: EHBR1-30-UNV-M-L950-UPL36

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*913.9*	1051.8	1392.9	1220.4	1090.1
115°	*961.8*	1011.6	1243.5	1191.7	1184.1
117.5°	*929.2*	923.5	1055.7	1071.0	1143.8
120°	*860.3*	822.0	881.3	935.0	1032.7
122.5°	*774.0*	728.1	754.9	795.1	892.9
125°	*693.5*	647.5	664.9	674.4	756.8
127.5°	*622.7*	592.0	601.6	590.1	641.8
130°	*574.8*	548.0	561.4	534.6	559.5
132.5°	*534.6*	517.3	532.6	500.0	507.7
135°	*505.8*	490.5	507.7	477.1	475.2
137.5°	*480.9*	467.5	484.7	461.7	456.0
140°	*458.0*	446.4	465.5	448.3	444.5
142.5°	*433.0*	425.4	448.3	436.9	433.0
145°	*415.8*	410.0	434.9	429.2	427.2
147.5°	*400.4*	396.6	419.6	417.7	417.7
150°	*387.0*	383.2	406.2	404.3	406.2
152.5°	*373.7*	369.8	390.9	388.9	390.9
155°	*364.0*	360.2	377.4	377.4	377.4
157.5°	*356.3*	354.5	367.8	367.8	367.8
160°	*350.6*	348.7	360.2	360.2	358.3
162.5°	*344.9*	342.9	356.3	354.5	354.5
165°	*341.1*	341.1	350.6	350.6	348.7
167.5°	*341.1*	339.1	348.7	348.7	346.8
170°	*339.1*	339.1	346.8	344.9	342.9
172.5°	*339.1*	339.1	346.8	344.9	342.9
175°	*337.2*	337.2	342.9	342.9	342.9
177.5°	*339.1*	339.1	342.9	342.9	341.1
180°	*341.1*	341.1	341.1	341.1	341.1

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TEST NUMBER: P1436656
CATALOG NUMBER: EHBR1-30-UNV-M-L950-UPL36

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	17.26	18.37	17.80	18.89	19.46	17.26	18.37	17.80	18.89	19.46
	3H	18.75	19.73	19.30	20.26	20.88	18.75	19.73	19.30	20.26	20.88
	4H	19.27	20.19	19.84	20.74	21.37	19.27	20.19	19.84	20.74	21.37
	6H	19.59	20.43	20.18	21.00	21.64	19.59	20.43	20.18	21.00	21.64
	8H	19.66	20.46	20.26	21.04	21.69	19.66	20.46	20.26	21.04	21.69
	12H	19.67	20.43	20.27	21.01	21.68	19.67	20.43	20.27	21.01	21.68
4H	2H	17.70	18.62	18.27	19.17	19.80	17.70	18.62	18.27	19.17	19.80
	3H	19.39	20.14	19.98	20.74	21.39	19.39	20.14	19.98	20.74	21.39
	4H	20.02	20.70	20.62	21.30	21.98	20.02	20.70	20.62	21.30	21.98
	6H	20.44	21.03	21.07	21.65	22.35	20.44	21.03	21.07	21.65	22.35
	8H	20.53	21.08	21.17	21.70	22.41	20.53	21.08	21.17	21.70	22.41
	12H	20.56	21.04	21.21	21.70	22.41	20.56	21.04	21.21	21.70	22.41
8H	4H	20.19	20.74	20.83	21.36	22.07	20.19	20.74	20.83	21.36	22.07
	6H	20.70	21.15	21.37	21.82	22.53	20.70	21.15	21.37	21.82	22.53
	8H	20.84	21.24	21.52	21.92	22.64	20.84	21.24	21.52	21.92	22.64
	12H	20.90	21.25	21.58	21.92	22.71	20.90	21.25	21.58	21.92	22.71
12H	4H	20.18	20.66	20.83	21.32	22.02	20.18	20.66	20.83	21.32	22.02
	6H	20.70	21.10	21.39	21.78	22.51	20.70	21.10	21.39	21.78	22.51
	8H	20.87	21.22	21.55	21.89	22.68	20.87	21.22	21.55	21.89	22.68

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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: SP1-2506-472-8

Test Date: 08/04/2025

Luminaire Tested: EHBR-60-L950-N

Data in this report applies to families of products including EHBR-60-L950-N

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

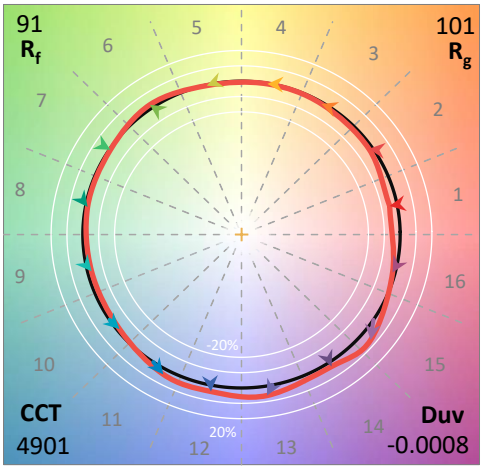
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-8
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-L950-N**
Description:	Elevate Round Highbay at, 60000 lumens, 5000K 90CRI LEDs with N lens

Spectral Parameters

CCT (K):	4901
CIE u':	0.2131
CIE v':	0.4853
Duv:	-0.0008
CIE x:	0.3477
CIE y:	0.3520
CIE z:	0.3003
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	574
Purity:	9.953987
Rf:	90.7
Rg:	100.5

CRI (Ra):	94.3				
R1:	95.8	R9:	72.3		
R2:	96.5	R10:	89.1		
R3:	94.4	R11:	94.9		
R4:	95.3	R12:	68.4		
R5:	94.1	R13:	96.4		
R6:	92.5	R14:	96.4		
R7:	95.5	R15:	93.9		
R8:	90.1				



Test Conditions

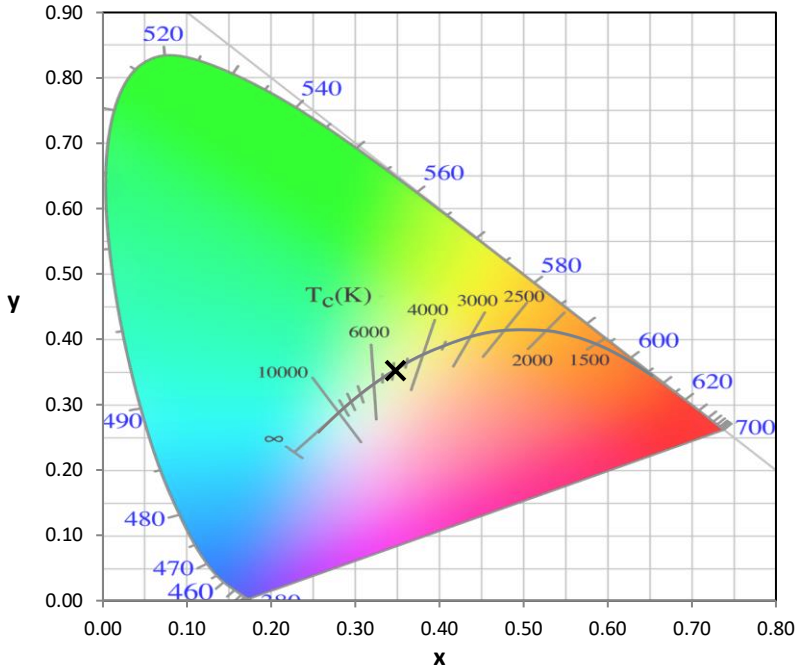
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-8

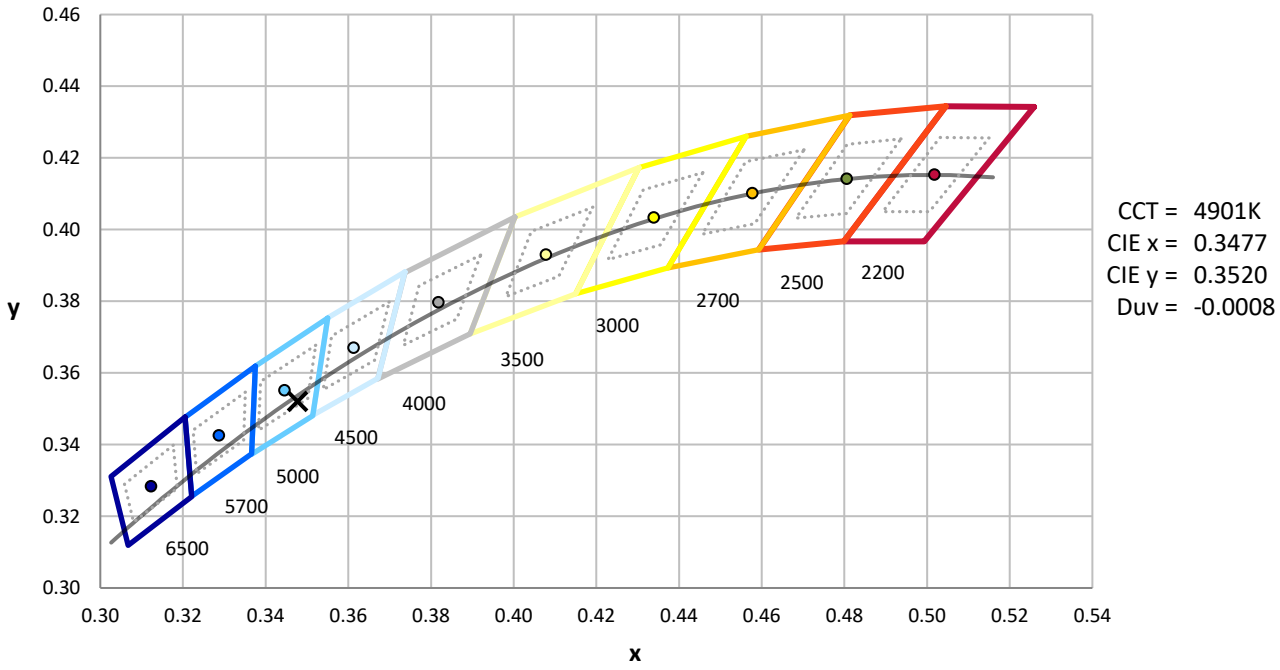
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-8

CIE 1931 Chromaticity Diagram



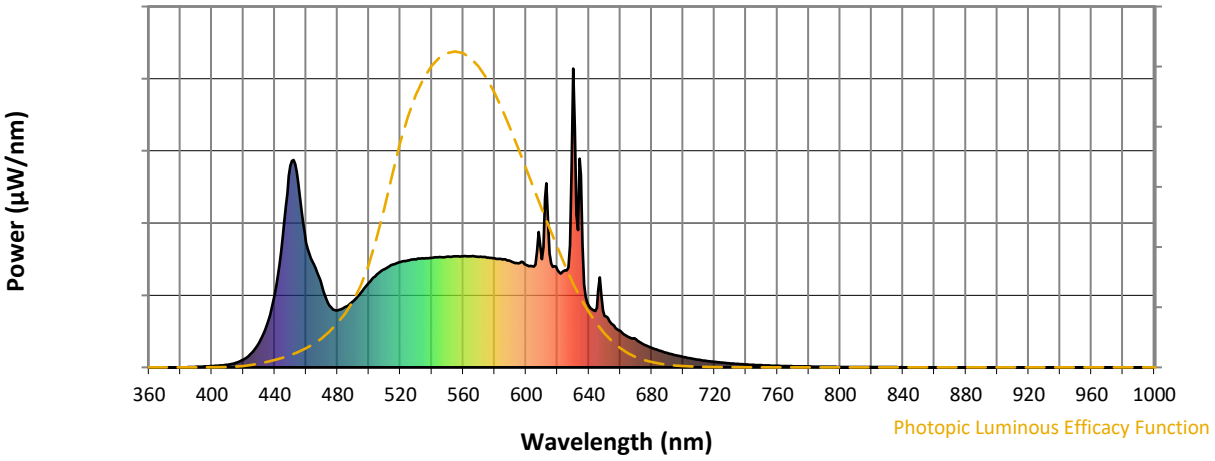
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-8

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	221	NR	620	326	NR	750	7	NR	880	0	NR
365	0	NR	495	250	NR	625	325	NR	755	6	NR	885	0	NR
370	0	NR	500	284	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	311	NR	635	643	NR	765	4	NR	895	0	NR
380	0	NR	510	329	NR	640	206	NR	770	4	NR	900	0	NR
385	1	NR	515	344	NR	645	199	NR	775	3	NR	905	0	NR
390	2	NR	520	353	NR	650	172	NR	780	3	NR	910	0	NR
395	3	NR	525	357	NR	655	143	NR	785	2	NR	915	0	NR
400	5	NR	530	362	NR	660	122	NR	790	2	NR	920	0	NR
405	6	NR	535	365	NR	665	102	NR	795	2	NR	925	0	NR
410	9	NR	540	367	NR	670	94	NR	800	2	NR	930	0	NR
415	15	NR	545	369	NR	675	76	NR	805	1	NR	935	0	NR
420	26	NR	550	370	NR	680	65	NR	810	1	NR	940	0	NR
425	47	NR	555	372	NR	685	56	NR	815	1	NR	945	0	NR
430	81	NR	560	372	NR	690	48	NR	820	1	NR	950	0	NR
435	143	NR	565	371	NR	695	41	NR	825	1	NR	955	0	NR
440	243	NR	570	370	NR	700	35	NR	830	1	NR	960	0	NR
445	434	NR	575	367	NR	705	30	NR	835	1	NR	965	0	NR
450	675	NR	580	365	NR	710	25	NR	840	1	NR	970	0	NR
455	615	NR	585	361	NR	715	22	NR	845	0	NR	975	0	NR
460	418	NR	590	356	NR	720	19	NR	850	0	NR	980	0	NR
465	344	NR	595	348	NR	725	16	NR	855	0	NR	985	0	NR
470	272	NR	600	343	NR	730	13	NR	860	0	NR	990	0	NR
475	206	NR	605	337	NR	735	11	NR	865	0	NR	995	0	NR
480	190	NR	610	362	NR	740	10	NR	870	0	NR	1000	0	NR
485	202	NR	615	381	NR	745	8	NR	875	0	NR			

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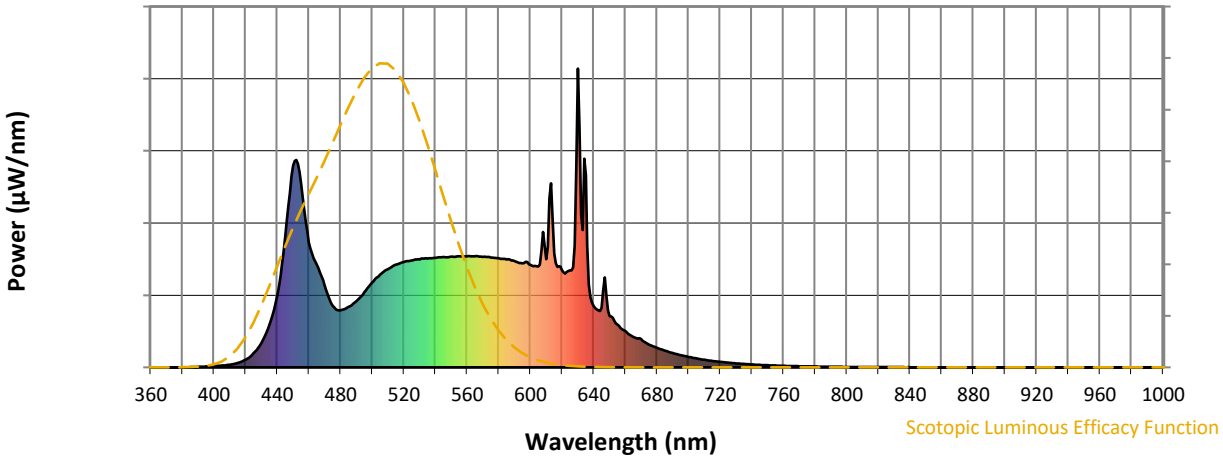
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 2.04**

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	221	NR	620	326	NR	750	7	NR	880	0	NR
365	0	NR	495	250	NR	625	325	NR	755	6	NR	885	0	NR
370	0	NR	500	284	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	311	NR	635	643	NR	765	4	NR	895	0	NR
380	0	NR	510	329	NR	640	206	NR	770	4	NR	900	0	NR
385	1	NR	515	344	NR	645	199	NR	775	3	NR	905	0	NR
390	2	NR	520	353	NR	650	172	NR	780	3	NR	910	0	NR
395	3	NR	525	357	NR	655	143	NR	785	2	NR	915	0	NR
400	5	NR	530	362	NR	660	122	NR	790	2	NR	920	0	NR
405	6	NR	535	365	NR	665	102	NR	795	2	NR	925	0	NR
410	9	NR	540	367	NR	670	94	NR	800	2	NR	930	0	NR
415	15	NR	545	369	NR	675	76	NR	805	1	NR	935	0	NR
420	26	NR	550	370	NR	680	65	NR	810	1	NR	940	0	NR
425	47	NR	555	372	NR	685	56	NR	815	1	NR	945	0	NR
430	81	NR	560	372	NR	690	48	NR	820	1	NR	950	0	NR
435	143	NR	565	371	NR	695	41	NR	825	1	NR	955	0	NR
440	243	NR	570	370	NR	700	35	NR	830	1	NR	960	0	NR
445	434	NR	575	367	NR	705	30	NR	835	1	NR	965	0	NR
450	675	NR	580	365	NR	710	25	NR	840	1	NR	970	0	NR
455	615	NR	585	361	NR	715	22	NR	845	0	NR	975	0	NR
460	418	NR	590	356	NR	720	19	NR	850	0	NR	980	0	NR
465	344	NR	595	348	NR	725	16	NR	855	0	NR	985	0	NR
470	272	NR	600	343	NR	730	13	NR	860	0	NR	990	0	NR
475	206	NR	605	337	NR	735	11	NR	865	0	NR	995	0	NR
480	190	NR	610	362	NR	740	10	NR	870	0	NR	1000	0	NR
485	202	NR	615	381	NR	745	8	NR	875	0	NR			

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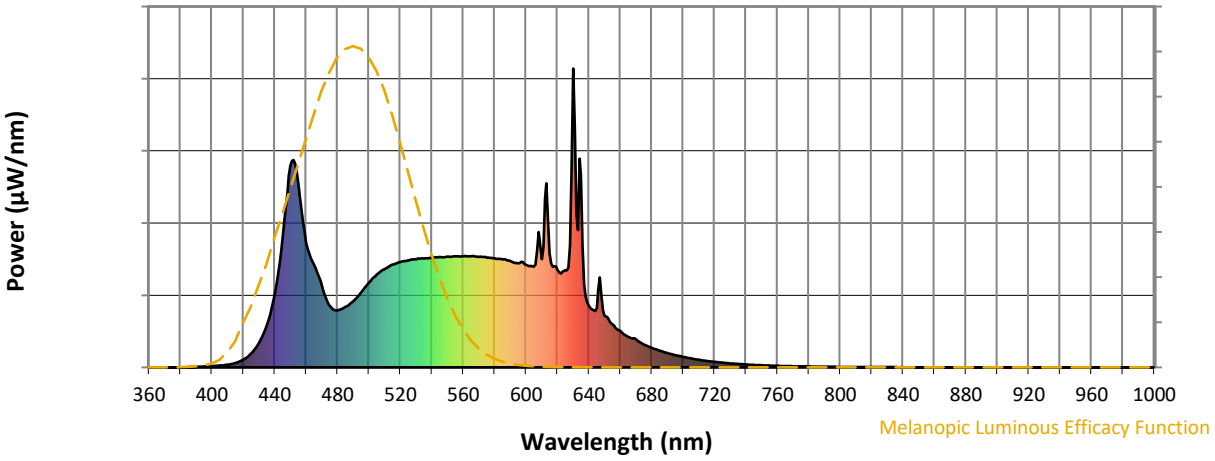
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.41**

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	221	NR	620	326	NR	750	7	NR	880	0	NR
365	0	NR	495	250	NR	625	325	NR	755	6	NR	885	0	NR
370	0	NR	500	284	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	311	NR	635	643	NR	765	4	NR	895	0	NR
380	0	NR	510	329	NR	640	206	NR	770	4	NR	900	0	NR
385	1	NR	515	344	NR	645	199	NR	775	3	NR	905	0	NR
390	2	NR	520	353	NR	650	172	NR	780	3	NR	910	0	NR
395	3	NR	525	357	NR	655	143	NR	785	2	NR	915	0	NR
400	5	NR	530	362	NR	660	122	NR	790	2	NR	920	0	NR
405	6	NR	535	365	NR	665	102	NR	795	2	NR	925	0	NR
410	9	NR	540	367	NR	670	94	NR	800	2	NR	930	0	NR
415	15	NR	545	369	NR	675	76	NR	805	1	NR	935	0	NR
420	26	NR	550	370	NR	680	65	NR	810	1	NR	940	0	NR
425	47	NR	555	372	NR	685	56	NR	815	1	NR	945	0	NR
430	81	NR	560	372	NR	690	48	NR	820	1	NR	950	0	NR
435	143	NR	565	371	NR	695	41	NR	825	1	NR	955	0	NR
440	243	NR	570	370	NR	700	35	NR	830	1	NR	960	0	NR
445	434	NR	575	367	NR	705	30	NR	835	1	NR	965	0	NR
450	675	NR	580	365	NR	710	25	NR	840	1	NR	970	0	NR
455	615	NR	585	361	NR	715	22	NR	845	0	NR	975	0	NR
460	418	NR	590	356	NR	720	19	NR	850	0	NR	980	0	NR
465	344	NR	595	348	NR	725	16	NR	855	0	NR	985	0	NR
470	272	NR	600	343	NR	730	13	NR	860	0	NR	990	0	NR
475	206	NR	605	337	NR	735	11	NR	865	0	NR	995	0	NR
480	190	NR	610	362	NR	740	10	NR	870	0	NR	1000	0	NR
485	202	NR	615	381	NR	745	8	NR	875	0	NR			

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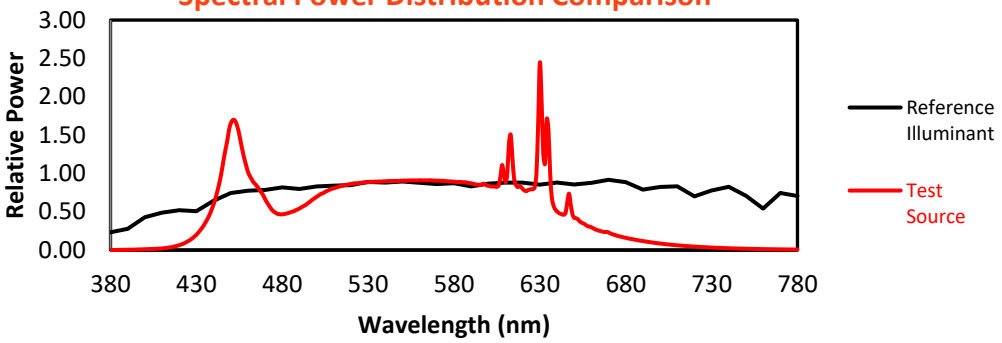
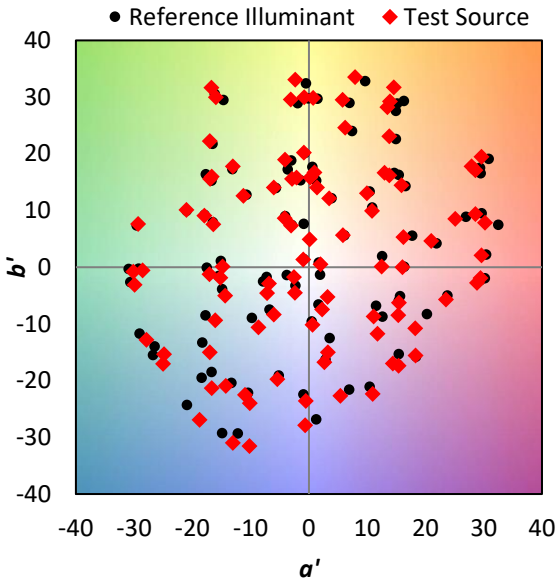
Summary

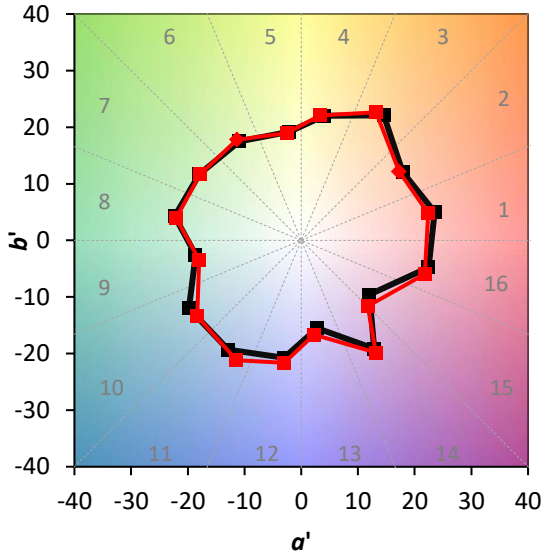
R_f = 90.7
R_g = 100.5
CIE R_a = 94.3
R_9 = 72.3

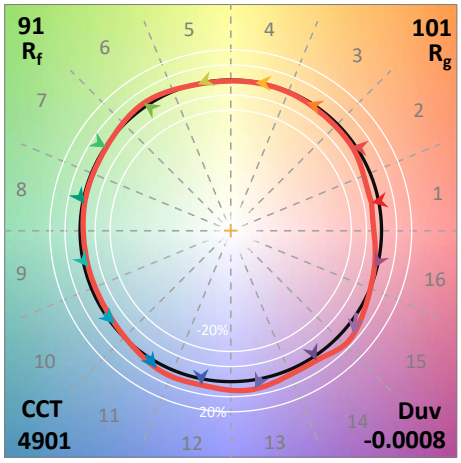
Spectral Power Distribution Comparison

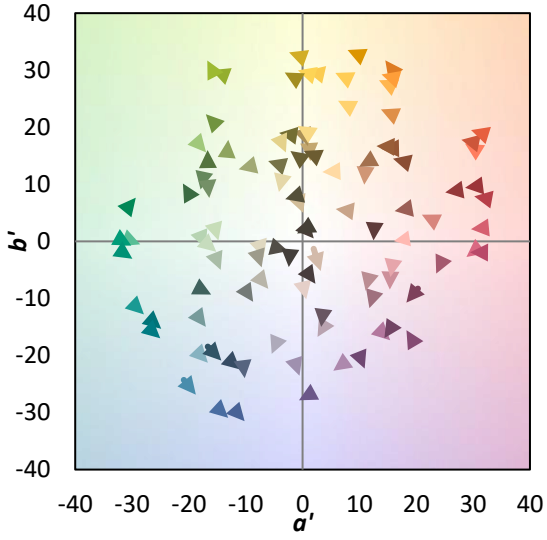


Color Vector Graphics









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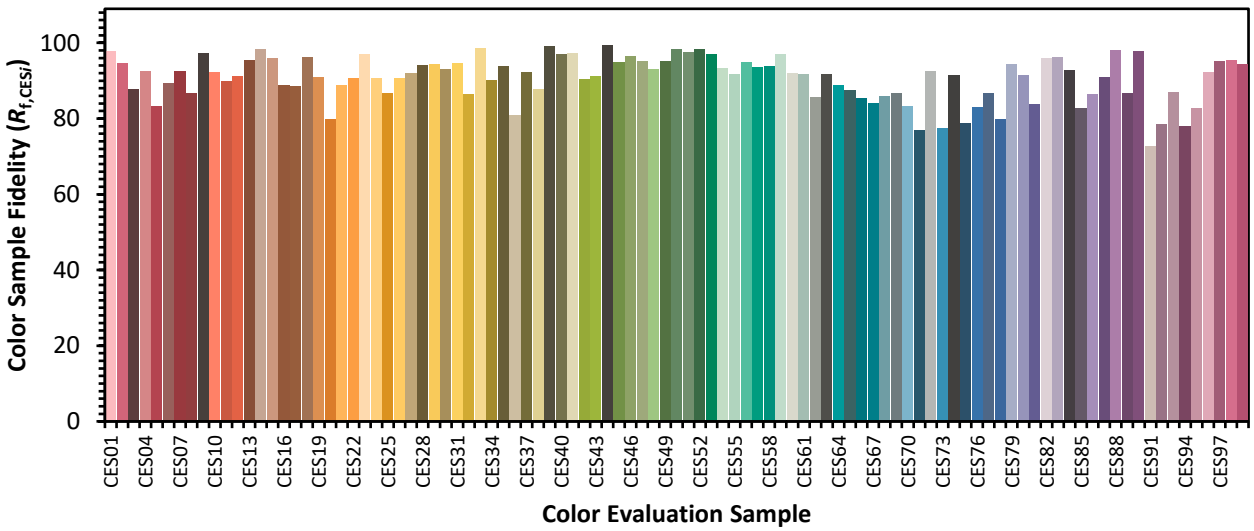
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 91	CES51 = 98	CES76 = 83
CES02 = 61	CES27 = 92	CES52 = 98	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 97	CES78 = 80
CES04 = 69	CES29 = 94	CES54 = 93	CES79 = 94
CES05 = 48	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 50	CES31 = 95	CES56 = 95	CES81 = 84
CES07 = 41	CES32 = 86	CES57 = 94	CES82 = 96
CES08 = 40	CES33 = 99	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 90	CES59 = 97	CES84 = 93
CES10 = 73	CES35 = 94	CES60 = 92	CES85 = 83
CES11 = 56	CES36 = 81	CES61 = 92	CES86 = 86
CES12 = 62	CES37 = 92	CES62 = 86	CES87 = 91
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 97	CES65 = 88	CES90 = 98
CES16 = 47	CES41 = 97	CES66 = 85	CES91 = 73
CES17 = 48	CES42 = 90	CES67 = 84	CES92 = 79
CES18 = 56	CES43 = 91	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 99	CES69 = 87	CES94 = 78
CES20 = 65	CES45 = 95	CES70 = 83	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 77	CES96 = 92
CES22 = 77	CES47 = 95	CES72 = 92	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 77	CES98 = 95
CES24 = 90	CES49 = 95	CES74 = 92	CES99 = 94
CES25 = 70	CES50 = 98	CES75 = 79	



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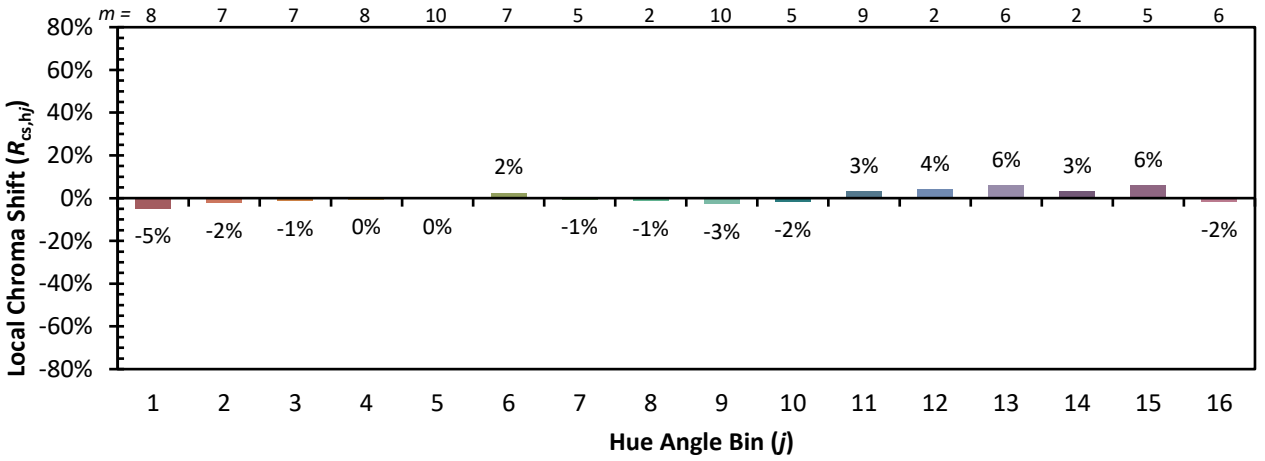
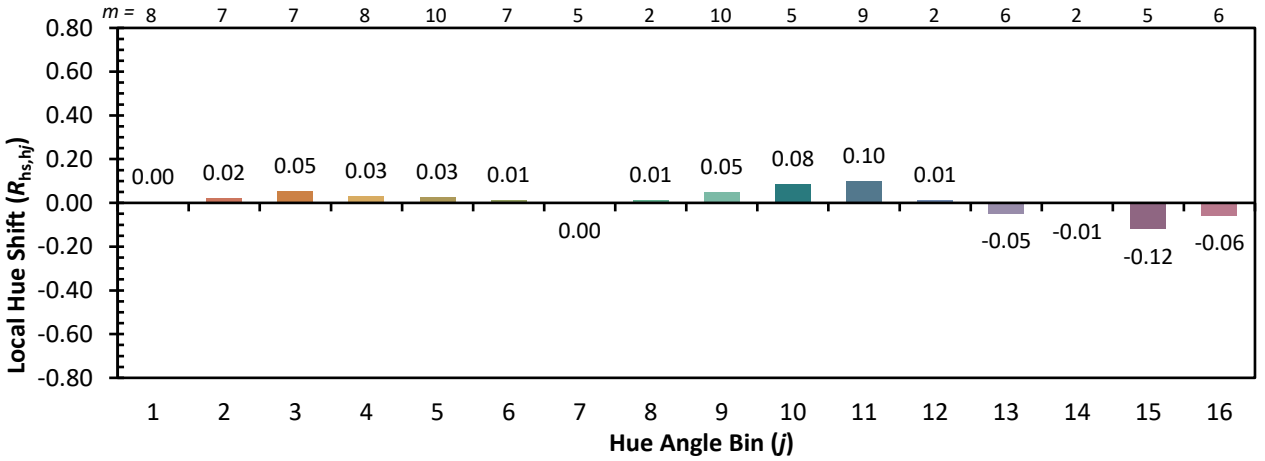
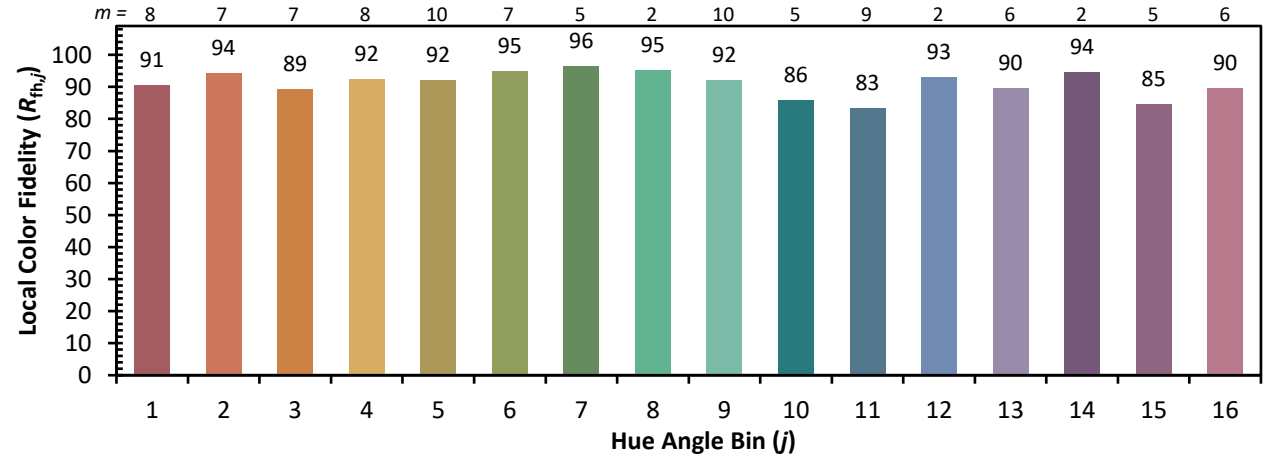
Color Rendition by Hue-Angle Bin







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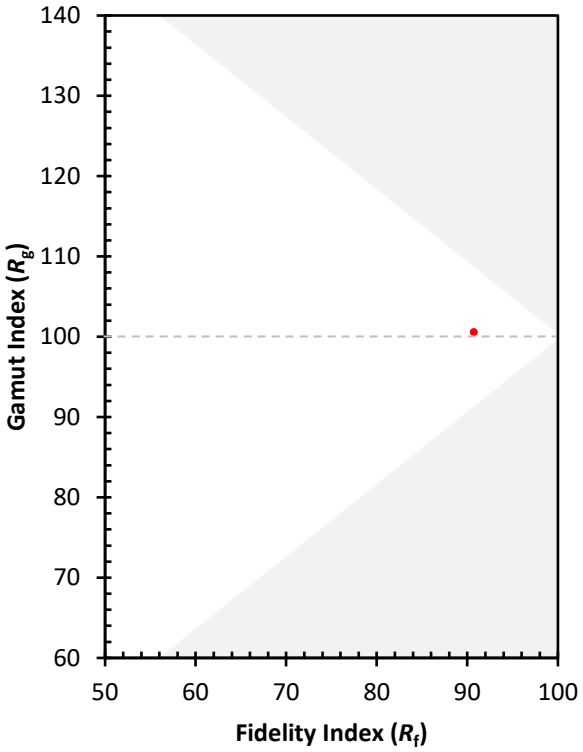
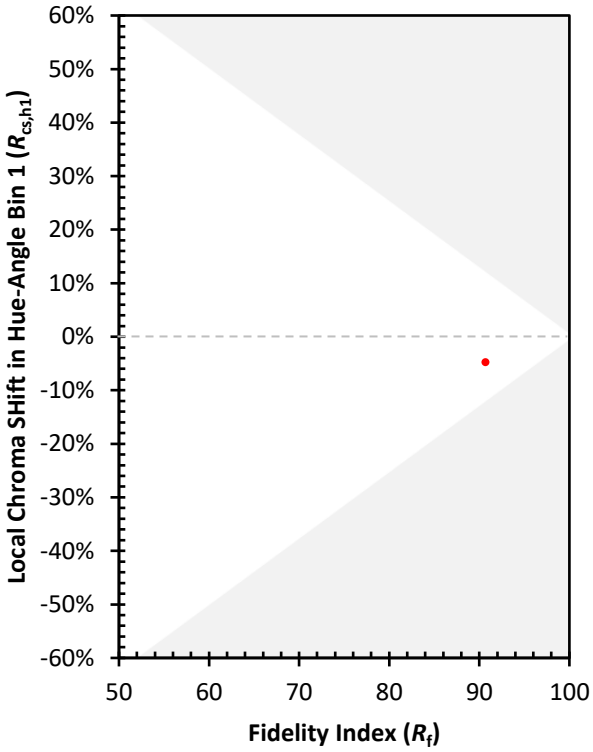
Measure Comparisons





(END OF REPORT)