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: P1433664

Luminaire Tested: EHBR1-54-UNV-W-L935-UPL36

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:	P1433664
	REPORT IS A COMBINATION OF REPORTS P1431889 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-54-UNV-W-L935-UPL36
Description:	Elevate Round Highbay at, 53500 lumens, 3500K 90CRI LEDs with W lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	51767.6 lumens
Efficiency:	N/A
Efficacy:	159.6 lumens/watt
Spacing Criteria (0/90/45):	1.54 / 1.54 / 1.31
Luminous Opening:	Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type:	Direct

Input Watts (W):	324.4
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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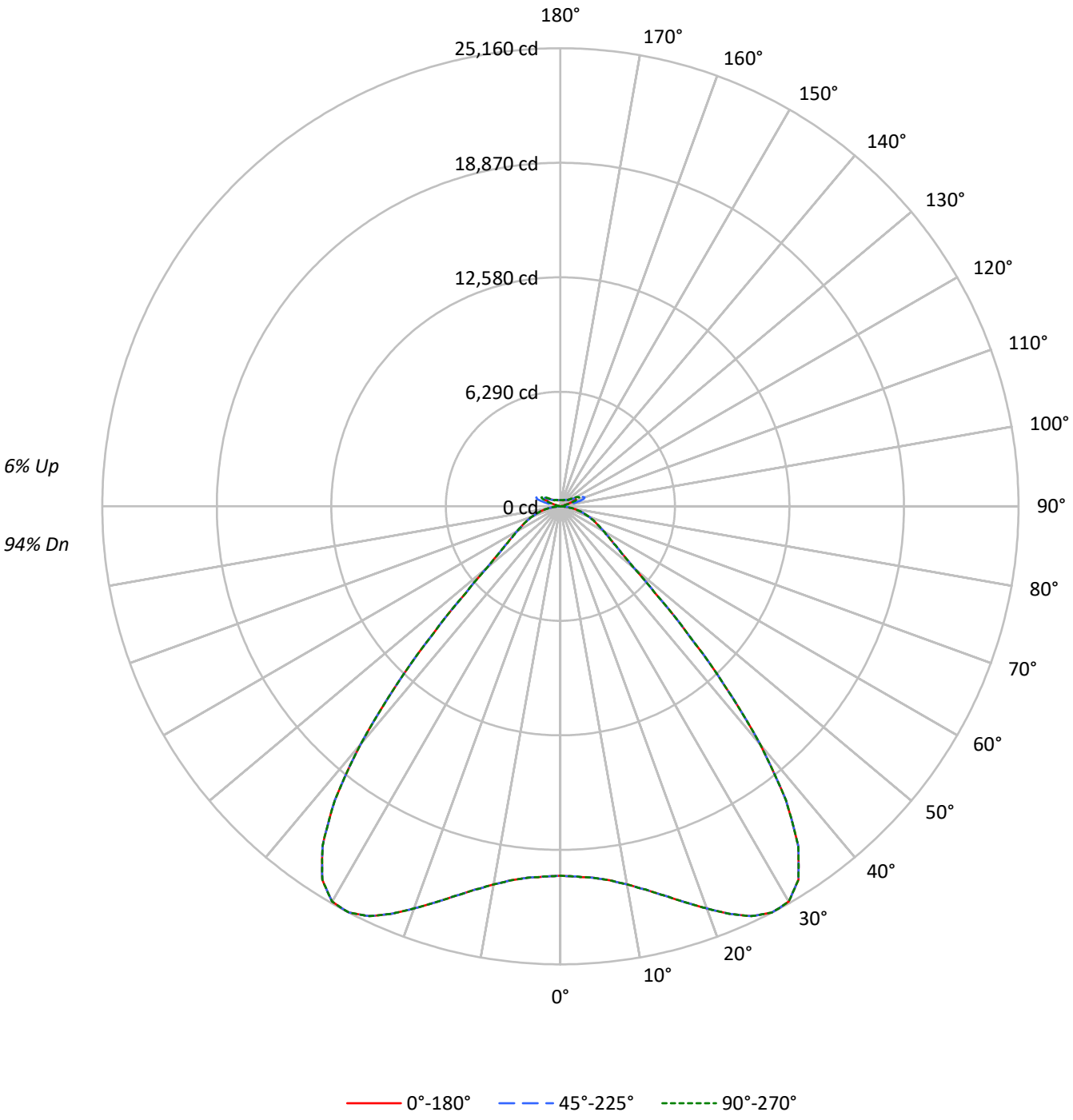
Luminous Intensity Polar Plot



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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	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	110	106	103	100	106	103	100	97	98	95	93	93	91	89	88	87	86	83
2	102	95	90	85	99	93	88	84	89	85	81	85	81	78	81	78	76	73
3	95	86	79	74	92	84	78	73	80	75	71	77	73	69	74	70	67	65
4	88	78	71	65	85	76	70	64	73	67	63	70	65	61	67	63	60	58
5	82	71	63	58	79	69	62	57	67	61	56	64	59	55	62	57	54	52
6	76	65	57	52	74	63	56	51	61	55	50	59	53	49	57	52	48	47
7	71	59	52	46	69	58	51	46	56	50	45	54	49	45	53	48	44	42
8	66	55	47	42	65	54	46	42	52	45	41	50	45	40	49	44	40	38
9	62	50	43	38	61	50	43	38	48	42	37	47	41	37	45	40	36	35
10	59	47	39	35	57	46	39	34	45	38	34	43	38	34	42	37	33	32

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	95274	95274	95274
5°	95907	95907	95907
10°	99240	99240	99240
15°	105528	105528	105528
20°	114395	114395	114395
25°	124358	124358	124358
30°	130349	130349	130349
35°	124071	124071	124071
40°	98449	98449	98449
45°	60851	60851	60851
50°	35236	35236	35236
55°	26660	26660	26660
60°	22870	22870	22870
65°	20656	20656	20656
70°	19001	19001	19001
75°	16788	16788	16788
80°	13681	13681	13681
85°	8065	8065	8065

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 60851 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1973.9	3.8
10°-20°	6328.2	12.2
20°-30°	11422.6	22.1
30°-40°	13803.1	26.7
40°-50°	7886.1	15.2
50°-60°	3340.1	6.5
60°-70°	2154.3	4.2
70°-80°	1252.6	2.4
80°-90°	337.4	0.7
90°-100°	93.9	0.2
100°-110°	580.4	1.1
110°-120°	1037.1	2.0
120°-130°	609.8	1.2
130°-140°	377.4	0.7
140°-150°	264.8	0.5
150°-160°	173.3	0.3
160°-170°	99.5	0.2
170°-180°	33.0	0.1
0°-30°	19724.7	38.1
0°-40°	33527.8	64.8
0°-60°	44753.9	86.5
0°-90°	48498.3	93.7
90°-120°	1711.4	3.3
90°-150°	2963.5	5.7
90°-180°	3269.0	6.3
0°-180°	51767.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	20288	20288	20288	20288	20288	
5°	20478	20478	20478	20478	20478	1974
15°	22139	22139	22139	22139	22139	6328
25°	24834	24834	24834	24834	24834	11423
35°	22772	22772	22772	22772	22772	13803
45°	9845	9845	9845	9845	9845	7886
55°	3603	3603	3603	3603	3603	3340
65°	2156	2156	2156	2156	2156	2154
75°	1183	1183	1183	1183	1183	1253
85°	277	277	277	277	277	319
90°	26	41	68	44	26	24
95°	42	70	152	76	48	41
105°	204	400	1019	441	268	272
115°	933	981	1206	1156	1148	860
125°	674	630	647	656	736	614
135°	496	481	498	468	466	388
145°	413	407	431	426	424	261
155°	364	361	377	377	377	170
165°	344	344	353	353	351	98
175°	342	342	347	347	347	33
180°	346	346	346	346	346	

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TEST NUMBER: P1433664
CATALOG NUMBER: EHBR1-54-UNV-W-L935-UPL36

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*20288.0*	20288.0	20288.0	20288.0	20288.0
2.5°	*20356.1*	20356.1	20356.1	20356.1	20356.1
5°	*20477.7*	20477.7	20477.7	20477.7	20477.7
7.5°	*20716.8*	20716.8	20716.8	20716.8	20716.8
10°	*21084.8*	21084.8	21084.8	21084.8	21084.8
12.5°	*21563.0*	21563.0	21563.0	21563.0	21563.0
15°	*22139.3*	22139.3	22139.3	22139.3	22139.3
17.5°	*22799.0*	22799.0	22799.0	22799.0	22799.0
20°	*23511.5*	23511.5	23511.5	23511.5	23511.5
22.5°	*24228.7*	24228.7	24228.7	24228.7	24228.7
25°	*24834.2*	24834.2	24834.2	24834.2	24834.2
27.5°	*25160.0*	*25160.0*	*25160.0*	*25160.0*	*25160.0*
30°	*25072.5*	25072.5	25072.5	25072.5	25072.5
32.5°	*24329.3*	24329.3	24329.3	24329.3	24329.3
35°	*22771.5*	22771.5	22771.5	22771.5	22771.5
37.5°	*20342.3*	20342.3	20342.3	20342.3	20342.3
40°	*17063.7*	17063.7	17063.7	17063.7	17063.7
42.5°	*13355.7*	13355.7	13355.7	13355.7	13355.7
45°	*9845.4*	9845.4	9845.4	9845.4	9845.4
47.5°	*7036.9*	7036.9	7036.9	7036.9	7036.9
50°	*5251.4*	5251.4	5251.4	5251.4	5251.4
52.5°	*4252.0*	4252.0	4252.0	4252.0	4252.0
55°	*3602.8*	3602.8	3602.8	3602.8	3602.8
57.5°	*3128.6*	3128.6	3128.6	3128.6	3128.6
60°	*2749.3*	2749.3	2749.3	2749.3	2749.3
62.5°	*2433.1*	2433.1	2433.1	2433.1	2433.1
65°	*2156.0*	2156.0	2156.0	2156.0	2156.0
67.5°	*1911.2*	1911.2	1911.2	1911.2	1911.2
70°	*1667.2*	1667.2	1667.2	1667.2	1667.2
72.5°	*1424.1*	1424.1	1424.1	1424.1	1424.1
75°	*1182.6*	1182.6	1182.6	1182.6	1182.6
77.5°	*949.9*	949.9	949.9	949.9	949.9
80°	*719.7*	719.7	719.7	719.7	719.7
82.5°	*493.6*	493.6	493.6	493.6	493.6
85°	*277.2*	277.2	277.2	277.2	277.2
87.5°	*87.6*	87.6	87.6	87.6	87.6
90°	*25.7*	40.6	68.3	44.2	25.7
92.5°	*36.1*	60.2	108.3	56.5	32.4
95°	*42.4*	70.2	151.8	75.8	47.9
97.5°	*53.6*	77.7	174.0	92.4	74.0
100°	*70.2*	90.6	270.4	112.8	98.1
102.5°	*118.5*	190.7	572.6	211.1	148.1
105°	*203.7*	400.2	1019.3	441.0	268.5
107.5°	*352.0*	715.4	1343.8	780.3	507.7
110°	*656.8*	949.7	1409.5	1072.1	812.5

TEST NUMBER: P1433664
CATALOG NUMBER: EHBR1-54-UNV-W-L935-UPL36

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*886.8*	1020.2	1350.2	1183.3	1057.2
115°	*933.1*	981.3	1205.6	1155.5	1148.1
117.5°	*901.5*	896.0	1023.9	1038.7	1109.2
120°	*834.8*	797.8	855.2	907.1	1001.7
122.5°	*751.3*	706.9	732.9	771.7	866.4
125°	*674.3*	629.8	646.6	655.8	735.5
127.5°	*605.8*	576.1	585.4	574.3	624.3
130°	*560.2*	534.3	547.2	521.3	545.4
132.5°	*523.0*	506.3	521.0	489.5	496.9
135°	*495.9*	481.1	497.8	468.1	466.3
137.5°	*472.6*	459.6	476.3	454.0	448.5
140°	*452.0*	440.8	459.3	442.7	438.9
142.5°	*428.7*	421.3	443.5	432.4	428.7
145°	*412.8*	407.2	431.3	425.8	423.9
147.5°	*398.8*	395.1	417.3	415.5	415.5
150°	*385.8*	382.1	404.3	402.5	404.3
152.5°	*372.9*	369.1	389.5	387.6	389.5
155°	*364.3*	360.6	377.3	377.3	377.3
157.5°	*356.9*	355.1	368.1	368.1	368.1
160°	*352.2*	350.4	361.4	361.4	359.6
162.5°	*347.5*	345.6	358.5	356.7	356.7
165°	*343.8*	343.8	353.0	353.0	351.2
167.5°	*343.8*	341.9	351.2	351.2	349.3
170°	*341.9*	341.9	349.3	347.5	345.6
172.5°	*342.7*	342.7	350.1	348.3	346.4
175°	*341.7*	341.7	347.2	347.2	347.2
177.5°	*343.5*	343.5	347.2	347.2	345.4
180°	*346.2*	346.2	346.2	346.2	346.2

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Scaled Data Report

TEST NUMBER: P1433664
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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	19.82	21.02	20.30	21.47	21.94	19.82	21.02	20.30	21.47	21.94
	3H	21.32	22.39	21.81	22.85	23.37	21.32	22.39	21.81	22.85	23.37
	4H	21.88	22.88	22.39	23.36	23.89	21.88	22.88	22.39	23.36	23.89
	6H	22.27	23.18	22.79	23.68	24.22	22.27	23.18	22.79	23.68	24.22
	8H	22.37	23.23	22.90	23.75	24.30	22.37	23.23	22.90	23.75	24.30
	12H	22.40	23.23	22.94	23.74	24.32	22.40	23.23	22.94	23.74	24.32
4H	2H	20.27	21.26	20.78	21.74	22.28	20.27	21.26	20.78	21.74	22.28
	3H	21.99	22.81	22.51	23.33	23.88	21.99	22.81	22.51	23.33	23.88
	4H	22.66	23.40	23.21	23.93	24.53	22.66	23.40	23.21	23.93	24.53
	6H	23.16	23.80	23.73	24.36	24.97	23.16	23.80	23.73	24.36	24.97
	8H	23.29	23.89	23.87	24.45	25.06	23.29	23.89	23.87	24.45	25.06
	12H	23.35	23.88	23.94	24.47	25.09	23.35	23.88	23.94	24.47	25.09
8H	4H	22.87	23.46	23.44	24.02	24.64	22.87	23.46	23.44	24.02	24.64
	6H	23.46	23.95	24.07	24.55	25.18	23.46	23.95	24.07	24.55	25.18
	8H	23.65	24.08	24.27	24.70	25.34	23.65	24.08	24.27	24.70	25.34
	12H	23.76	24.14	24.37	24.74	25.45	23.76	24.14	24.37	24.74	25.45
12H	4H	22.86	23.39	23.45	23.98	24.60	22.86	23.39	23.45	23.98	24.60
	6H	23.48	23.91	24.10	24.53	25.17	23.48	23.91	24.10	24.53	25.17
	8H	23.70	24.09	24.32	24.69	25.40	23.70	24.09	24.32	24.69	25.40

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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

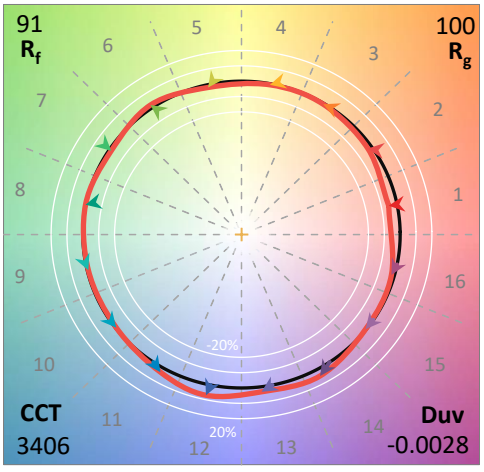
Test Information

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

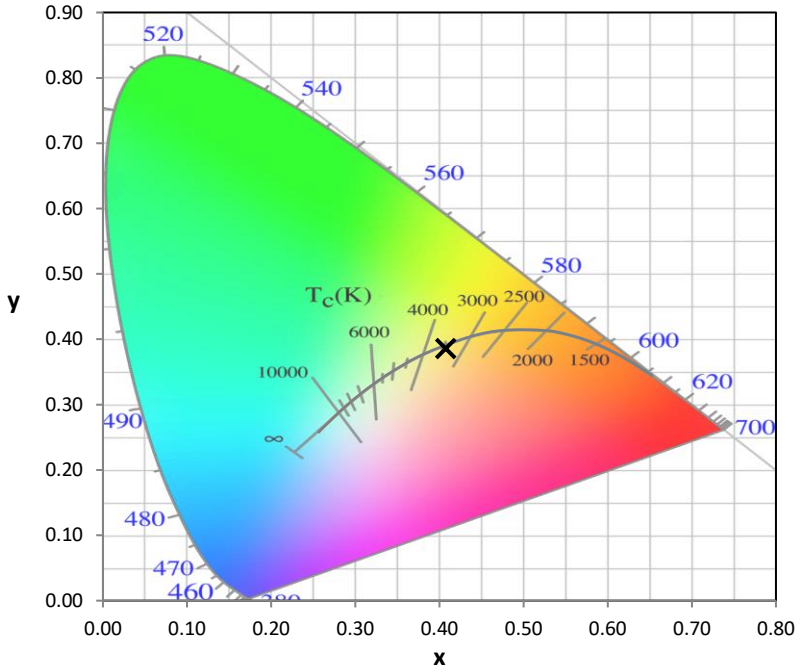
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-6

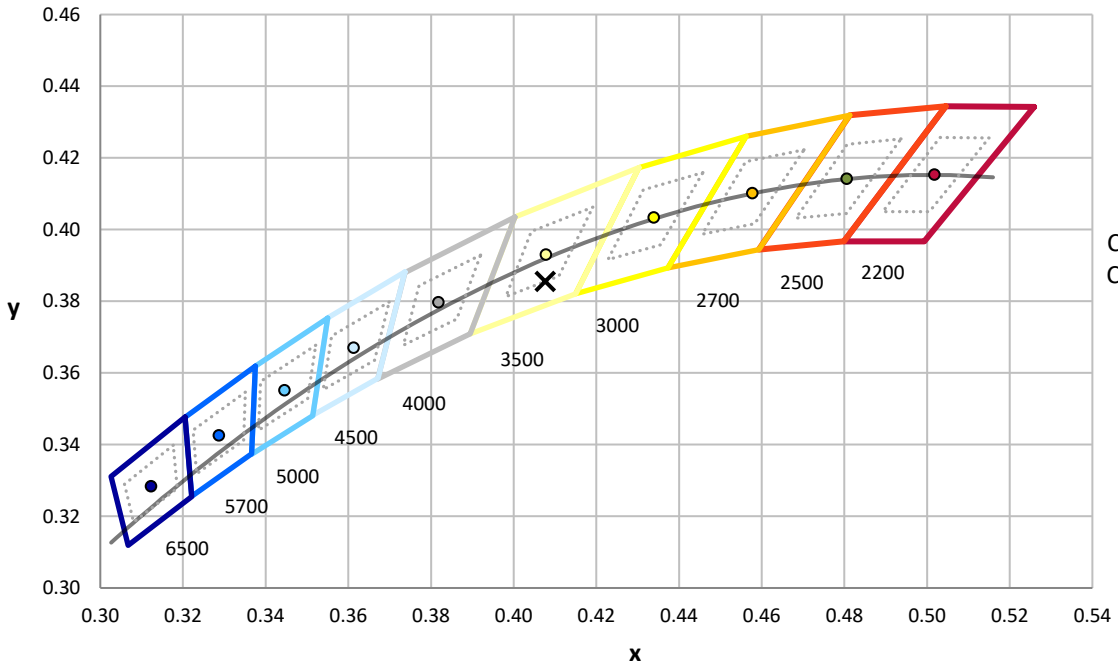
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

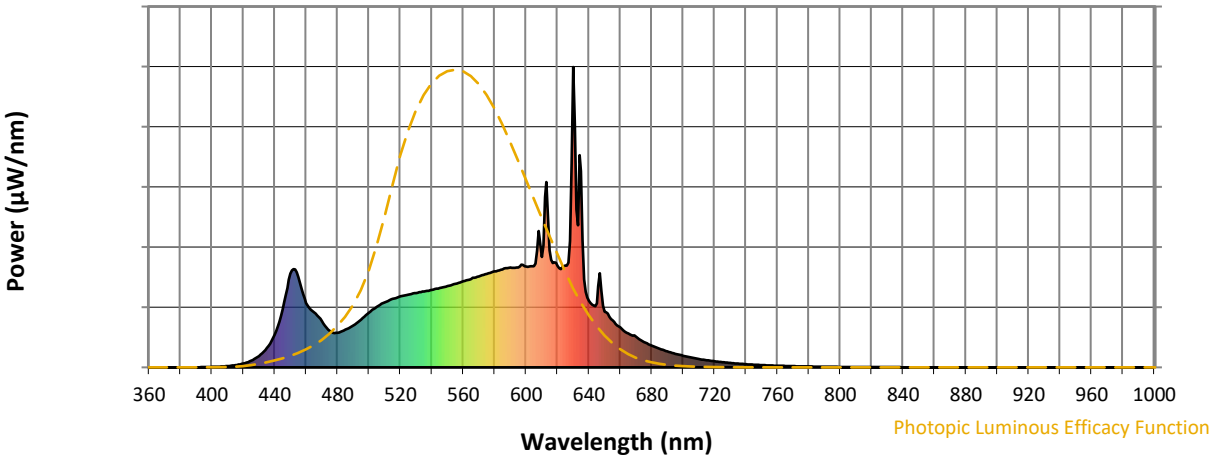


CCT = 3406K
CIE x = 0.4076
CIE y = 0.3856
Duv = -0.0028

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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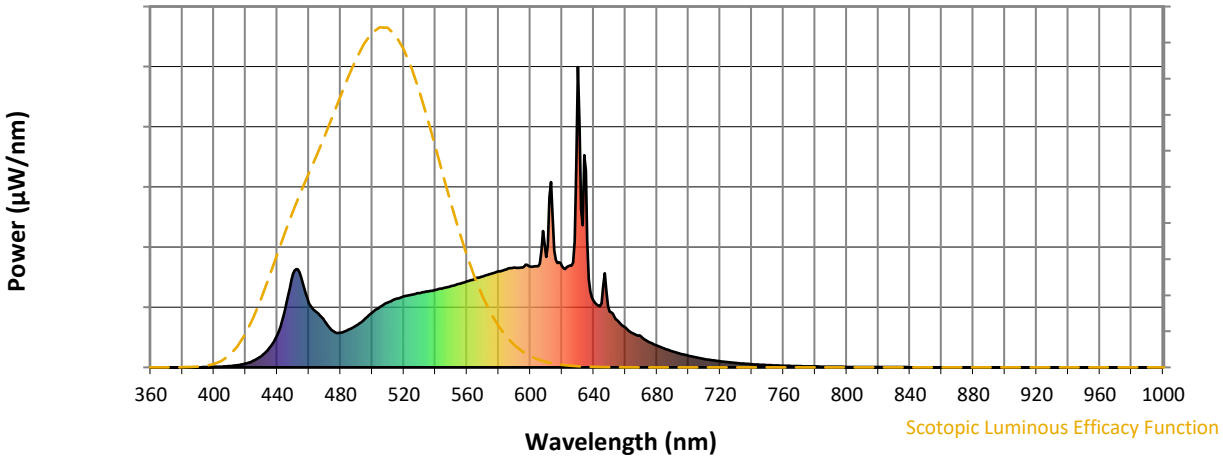
Scotopic Flux vs. Wavelength



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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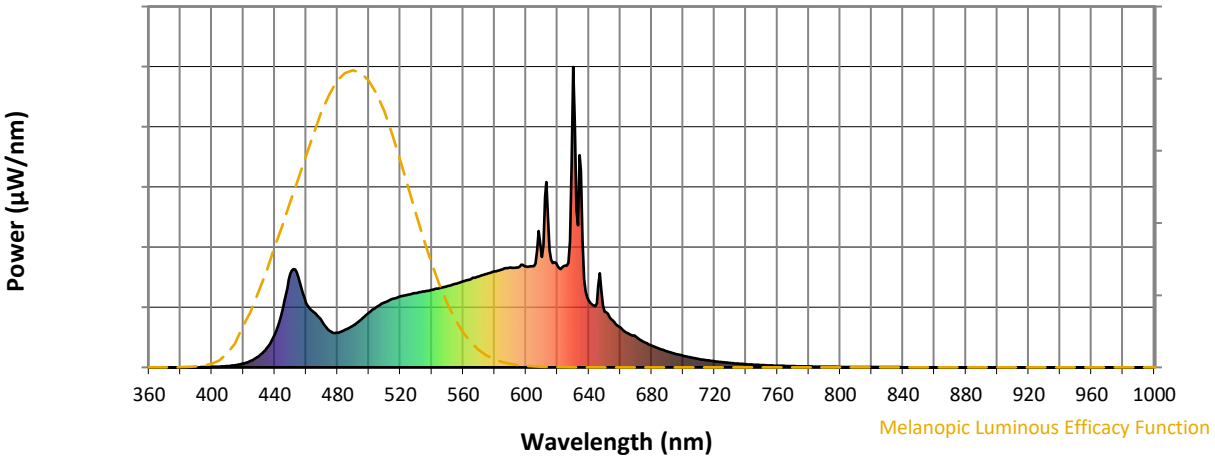
Melanopic Flux vs. Wavelength



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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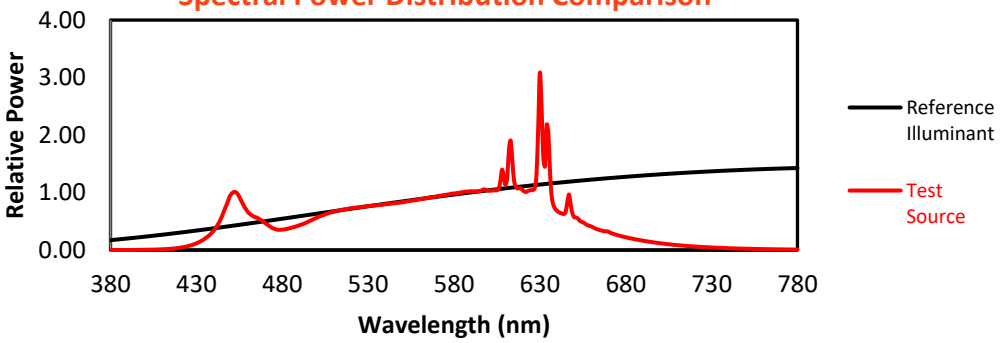
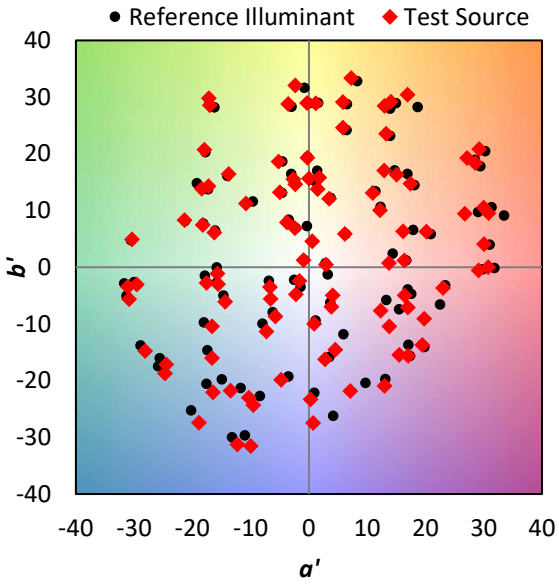
Summary

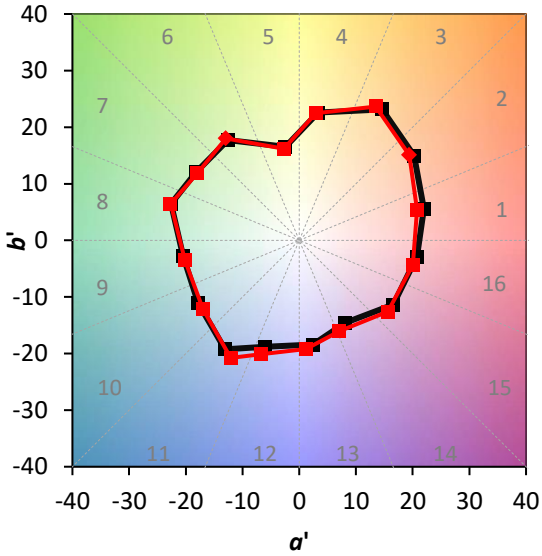
R_f = 91.3
R_g = 100
CIE R_a = 94.6
R_9 = 63.8

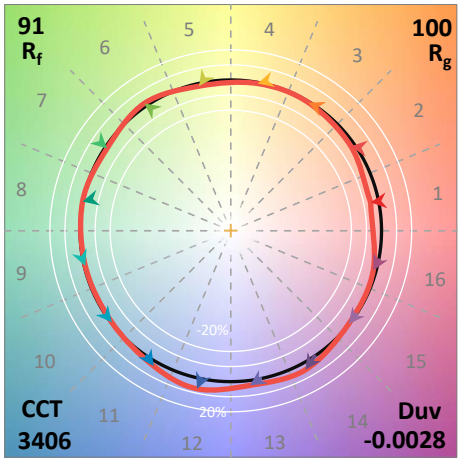
Spectral Power Distribution Comparison

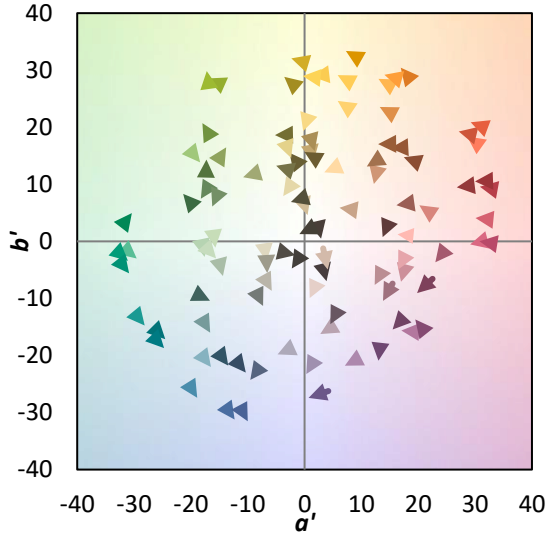


Color Vector Graphics









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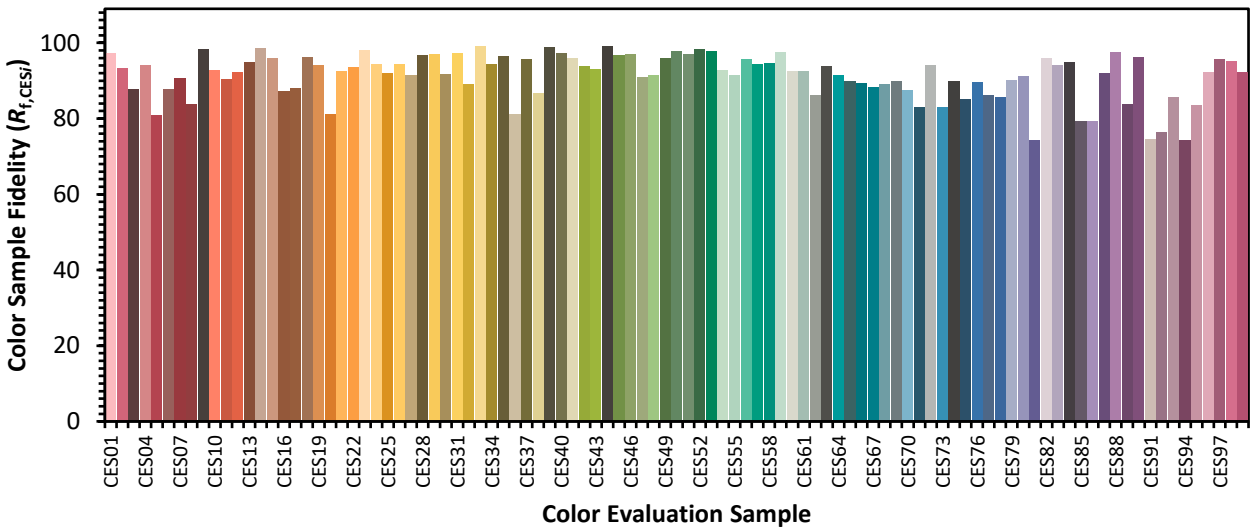
Individual Sample Fidelity Index ($R_{f,i}$)

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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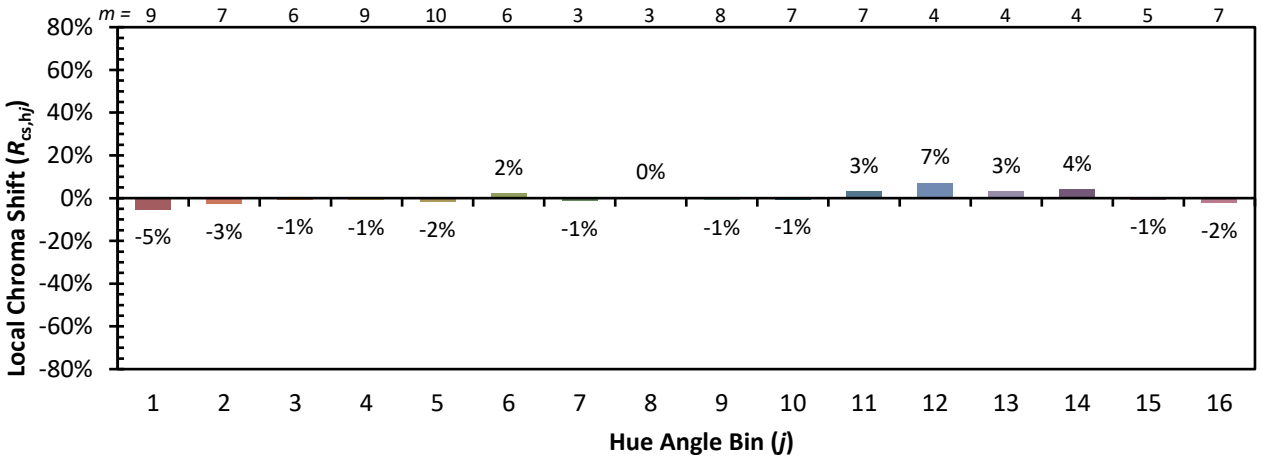
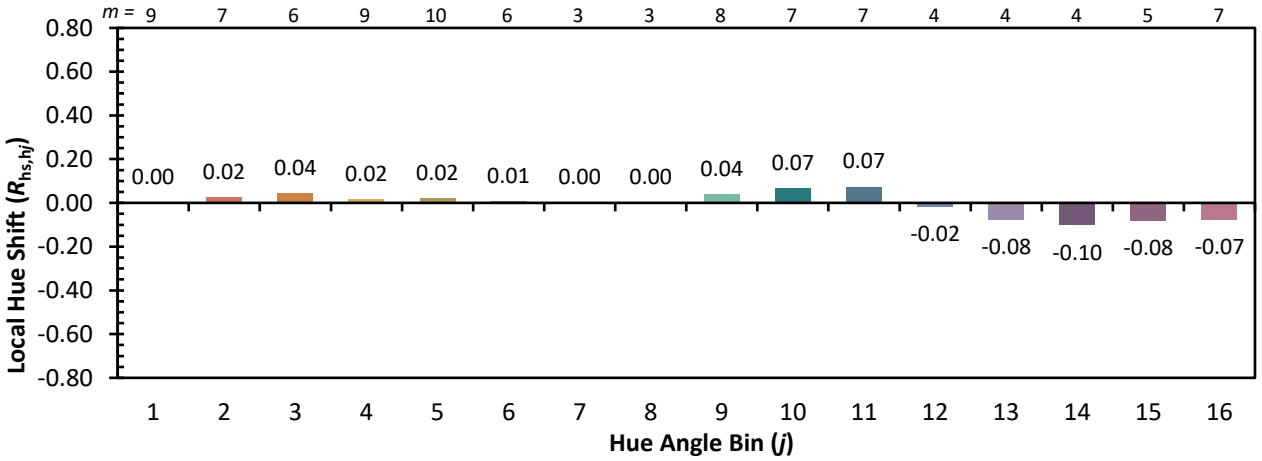
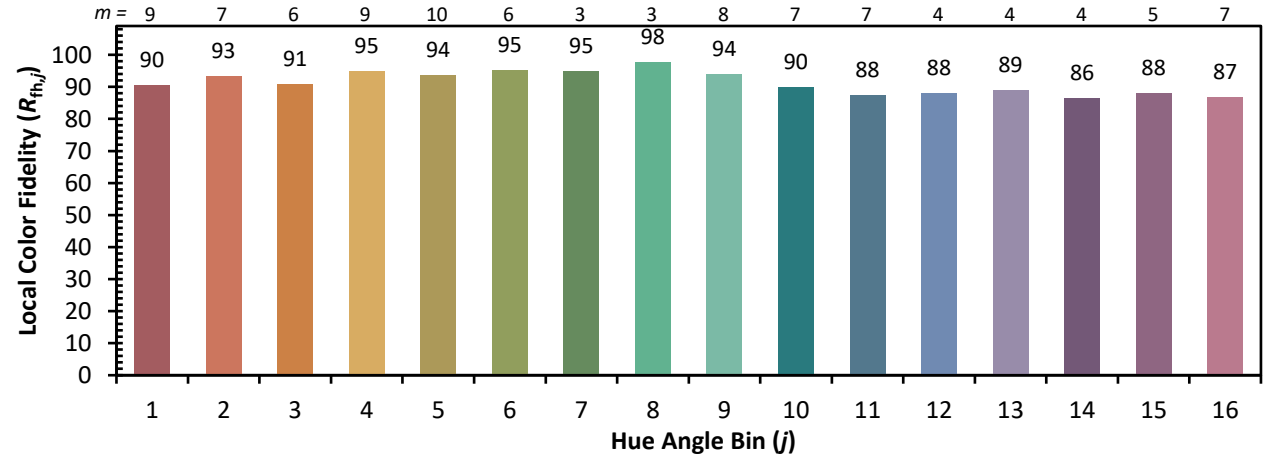
Color Rendition by Hue-Angle Bin







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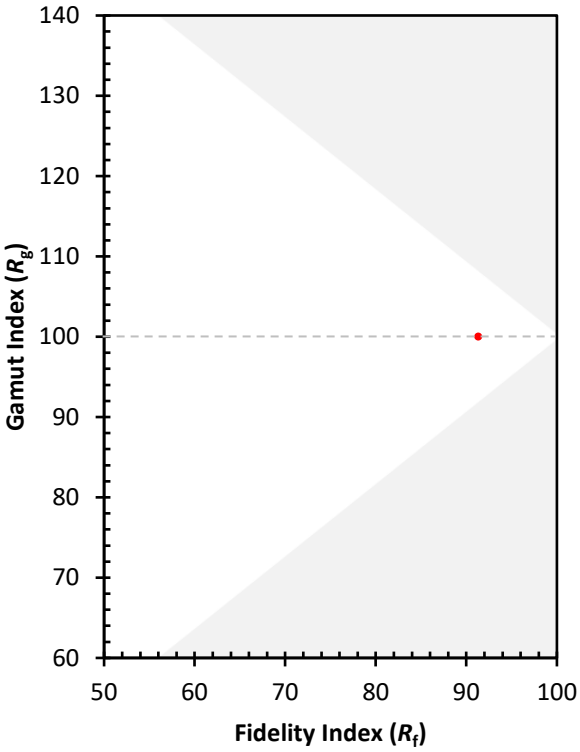
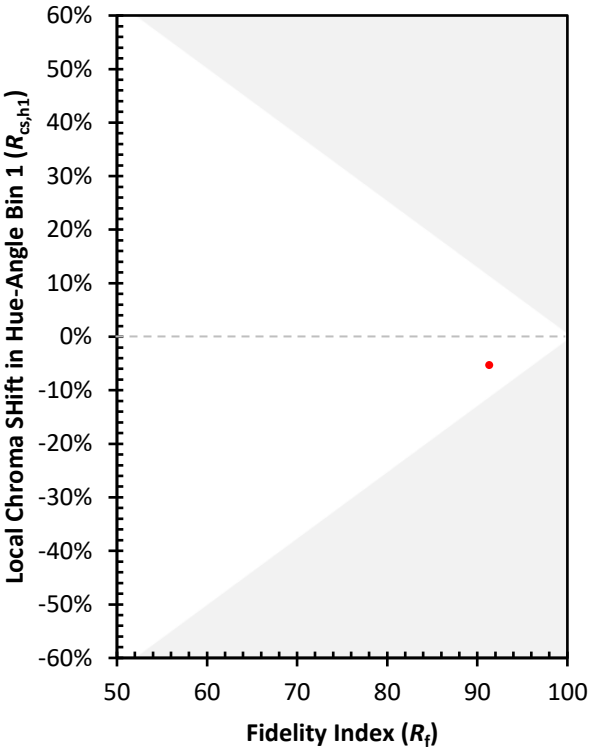
Measure Comparisons





(END OF REPORT)