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: P1433886

Luminaire Tested: EHBR1-42-UNV-W-L940-UPL24

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:	P1433886
	REPORT IS A COMBINATION OF REPORTS P1431823 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-42-UNV-W-L940-UPL24
Description:	Elevate Round Highbay at, 42000 lumens, 4000K 90CRI LEDs with W lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	40693.9 lumens
Efficiency:	N/A
Efficacy:	168.9 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):	240.9
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: P1433886
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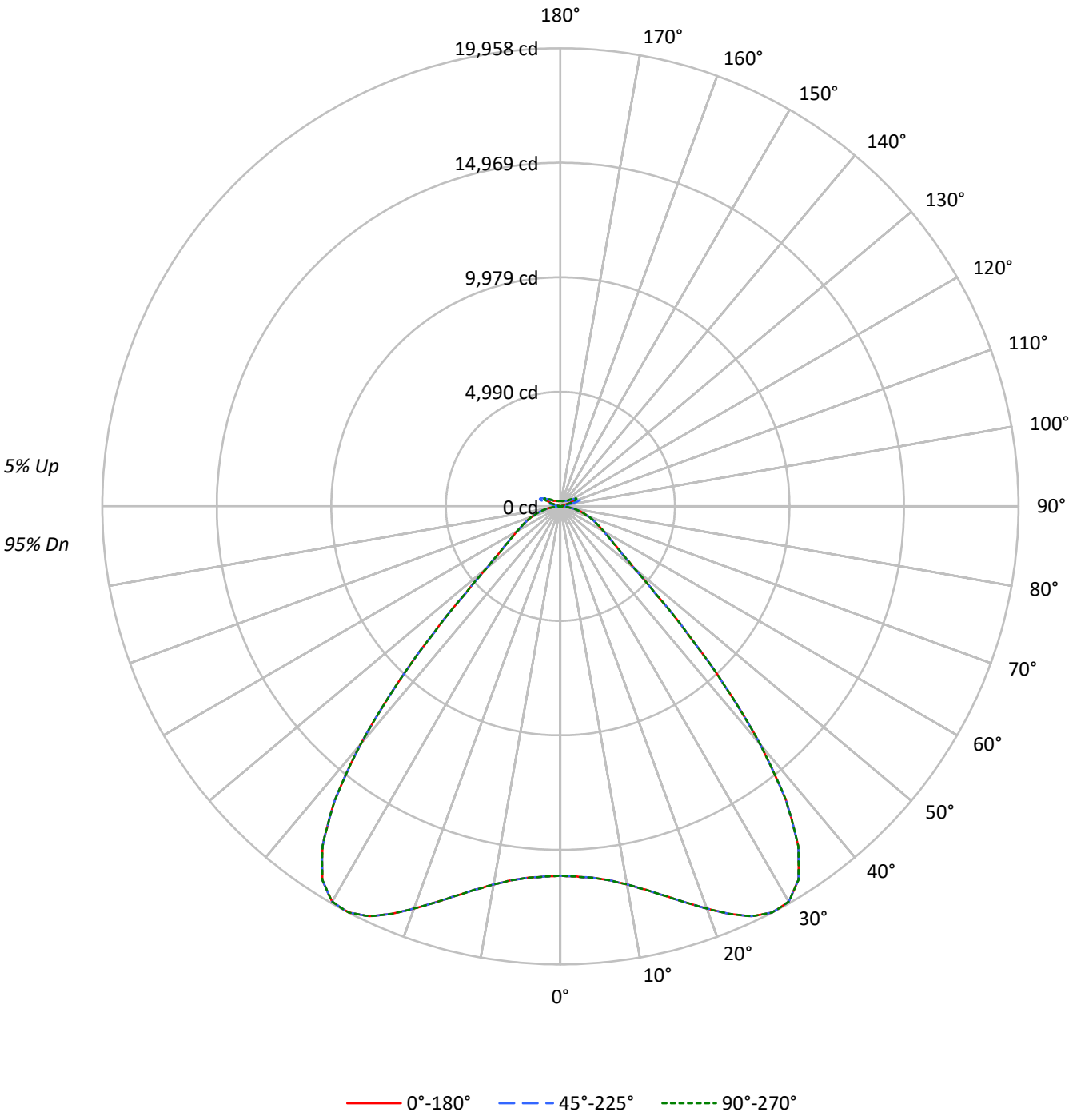
Luminous Intensity Polar Plot



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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	97	97	97	95
1	110	106	103	100	107	103	100	98	98	96	94	94	92	90	89	88	86	84
2	102	96	90	86	99	93	88	84	89	85	81	85	82	79	81	79	76	74
3	95	86	80	74	92	84	78	73	81	76	71	77	73	70	74	71	68	66
4	88	78	71	65	86	77	70	65	73	68	63	71	66	62	68	64	60	58
5	82	71	63	58	80	70	63	57	67	61	56	65	59	55	62	58	54	52
6	76	65	57	52	74	64	57	51	61	55	50	59	54	50	57	53	49	47
7	71	59	52	46	69	58	51	46	57	50	45	55	49	45	53	48	44	42
8	67	55	47	42	65	54	47	42	52	46	41	51	45	41	49	44	40	38
9	62	50	43	38	61	50	43	38	48	42	38	47	41	37	46	40	37	35
10	59	47	40	35	57	46	39	35	45	39	34	44	38	34	42	37	34	32

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	75575	75575	75575
5°	76076	76076	76076
10°	78720	78720	78720
15°	83708	83708	83708
20°	90741	90741	90741
25°	98645	98645	98645
30°	103397	103397	103397
35°	98417	98417	98417
40°	78093	78093	78093
45°	48268	48268	48268
50°	27950	27950	27950
55°	21147	21147	21147
60°	18141	18141	18141
65°	16385	16385	16385
70°	15072	15072	15072
75°	13317	13317	13317
80°	10852	10852	10852
85°	6398	6398	6398

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 48268 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1565.8	3.8
10°-20°	5019.7	12.3
20°-30°	9060.8	22.3
30°-40°	10949.0	26.9
40°-50°	6255.5	15.4
50°-60°	2649.4	6.5
60°-70°	1708.9	4.2
70°-80°	993.6	2.4
80°-90°	267.0	0.7
90°-100°	64.0	0.2
100°-110°	394.5	1.0
110°-120°	704.7	1.7
120°-130°	414.6	1.0
130°-140°	256.9	0.6
140°-150°	180.6	0.4
150°-160°	118.4	0.3
160°-170°	68.0	0.2
170°-180°	22.6	0.1
0°-30°	15646.2	38.4
0°-40°	26595.2	65.4
0°-60°	35500.1	87.2
0°-90°	38469.6	94.5
90°-120°	1163.2	2.9
90°-150°	2015.3	5.0
90°-180°	2224.0	5.5
0°-180°	40693.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	16093	16093	16093	16093	16093	
5°	16244	16244	16244	16244	16244	1566
15°	17562	17562	17562	17562	17562	5020
25°	19699	19699	19699	19699	19699	9061
35°	18063	18063	18063	18063	18063	10949
45°	7810	7810	7810	7810	7810	6255
55°	2858	2858	2858	2858	2858	2649
65°	1710	1710	1710	1710	1710	1709
75°	938	938	938	938	938	994
85°	220	220	220	220	220	253
90°	18	28	47	30	18	18
95°	29	48	103	52	33	28
105°	138	272	693	300	183	185
115°	634	667	819	785	780	584
125°	458	428	440	446	500	418
135°	338	328	339	319	317	264
145°	282	278	294	290	289	178
155°	249	246	258	258	258	116
165°	235	235	241	241	240	67
175°	234	234	238	238	238	22
180°	237	237	237	237	237	

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TEST NUMBER: P1433886
CATALOG NUMBER: EHBR1-42-UNV-W-L940-UPL24

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*16093.1*	16093.1	16093.1	16093.1	16093.1
2.5°	*16147.1*	16147.1	16147.1	16147.1	16147.1
5°	*16243.5*	16243.5	16243.5	16243.5	16243.5
7.5°	*16433.2*	16433.2	16433.2	16433.2	16433.2
10°	*16725.1*	16725.1	16725.1	16725.1	16725.1
12.5°	*17104.4*	17104.4	17104.4	17104.4	17104.4
15°	*17561.5*	17561.5	17561.5	17561.5	17561.5
17.5°	*18084.8*	18084.8	18084.8	18084.8	18084.8
20°	*18650.0*	18650.0	18650.0	18650.0	18650.0
22.5°	*19219.0*	19219.0	19219.0	19219.0	19219.0
25°	*19699.3*	19699.3	19699.3	19699.3	19699.3
27.5°	*19957.7*	*19957.7*	*19957.7*	*19957.7*	*19957.7*
30°	*19888.3*	19888.3	19888.3	19888.3	19888.3
32.5°	*19298.7*	19298.7	19298.7	19298.7	19298.7
35°	*18063.0*	18063.0	18063.0	18063.0	18063.0
37.5°	*16136.2*	16136.2	16136.2	16136.2	16136.2
40°	*13535.5*	13535.5	13535.5	13535.5	13535.5
42.5°	*10594.1*	10594.1	10594.1	10594.1	10594.1
45°	*7809.6*	7809.6	7809.6	7809.6	7809.6
47.5°	*5581.9*	5581.9	5581.9	5581.9	5581.9
50°	*4165.5*	4165.5	4165.5	4165.5	4165.5
52.5°	*3372.7*	3372.7	3372.7	3372.7	3372.7
55°	*2857.8*	2857.8	2857.8	2857.8	2857.8
57.5°	*2481.7*	2481.7	2481.7	2481.7	2481.7
60°	*2180.8*	2180.8	2180.8	2180.8	2180.8
62.5°	*1930.1*	1930.1	1930.1	1930.1	1930.1
65°	*1710.2*	1710.2	1710.2	1710.2	1710.2
67.5°	*1516.0*	1516.0	1516.0	1516.0	1516.0
70°	*1322.5*	1322.5	1322.5	1322.5	1322.5
72.5°	*1129.6*	1129.6	1129.6	1129.6	1129.6
75°	*938.1*	938.1	938.1	938.1	938.1
77.5°	*753.5*	753.5	753.5	753.5	753.5
80°	*570.9*	570.9	570.9	570.9	570.9
82.5°	*391.6*	391.6	391.6	391.6	391.6
85°	*219.9*	219.9	219.9	219.9	219.9
87.5°	*69.4*	69.4	69.4	69.4	69.4
90°	*17.7*	27.8	46.7	30.3	17.7
92.5°	*24.6*	41.0	73.7	38.4	22.1
95°	*29.0*	47.9	103.3	51.7	32.8
97.5°	*36.5*	52.9	118.4	63.0	50.4
100°	*47.9*	61.8	183.9	76.9	66.8
102.5°	*80.6*	129.8	389.1	143.6	100.8
105°	*138.5*	272.0	692.6	299.7	182.6
107.5°	*239.2*	486.1	912.9	530.2	345.1
110°	*446.4*	645.4	957.6	728.5	552.2

TEST NUMBER: P1433886
CATALOG NUMBER: EHBR1-42-UNV-W-L940-UPL24

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*602.6*	693.2	917.4	804.0	718.4
115°	*634.1*	666.8	819.2	785.2	780.2
117.5°	*612.7*	608.9	695.8	705.8	753.7
120°	*567.4*	542.1	581.2	616.5	680.7
122.5°	*510.6*	480.4	498.1	524.5	588.7
125°	*458.5*	428.2	439.6	445.9	500.0
127.5°	*411.9*	391.7	398.0	390.5	424.5
130°	*381.0*	363.3	372.2	354.6	371.0
132.5°	*355.8*	344.4	354.5	333.2	338.2
135°	*337.5*	327.5	338.8	318.6	317.4
137.5°	*321.8*	313.0	324.3	309.2	305.5
140°	*308.0*	300.5	313.0	301.8	299.2
142.5°	*292.4*	287.2	302.4	294.9	292.4
145°	*281.6*	277.8	294.2	290.5	289.2
147.5°	*272.2*	269.7	284.8	283.5	283.5
150°	*263.4*	260.9	276.0	274.7	276.0
152.5°	*254.6*	252.1	265.9	264.7	265.9
155°	*248.9*	246.4	257.8	257.8	257.8
157.5°	*243.9*	242.6	251.5	251.5	251.5
160°	*240.6*	239.4	247.0	247.0	245.7
162.5°	*237.6*	236.3	245.1	243.8	243.8
165°	*235.1*	235.1	241.3	241.3	240.1
167.5°	*235.1*	233.7	240.1	240.1	238.8
170°	*233.7*	233.7	238.8	237.6	236.3
172.5°	*234.4*	234.4	239.4	238.2	236.9
175°	*233.8*	233.8	237.6	237.6	237.6
177.5°	*235.1*	235.1	237.6	237.6	236.4
180°	*237.0*	237.0	237.0	237.0	237.0

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Scaled Data Report

TEST NUMBER: P1433886
CATALOG NUMBER: EHBR1-42-UNV-W-L940-UPL24

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	19.08	20.30	19.54	20.73	21.18	19.08	20.30	19.54	20.73	21.18
	3H	20.58	21.66	21.06	22.11	22.61	20.58	21.66	21.06	22.11	22.61
	4H	21.14	22.15	21.64	22.61	23.13	21.14	22.15	21.64	22.61	23.13
	6H	21.53	22.46	22.04	22.93	23.46	21.53	22.46	22.04	22.93	23.46
	8H	21.63	22.51	22.15	23.01	23.54	21.63	22.51	22.15	23.01	23.54
	12H	21.67	22.51	22.19	23.00	23.56	21.67	22.51	22.19	23.00	23.56
4H	2H	19.53	20.54	20.03	21.00	21.51	19.53	20.54	20.03	21.00	21.51
	3H	21.25	22.08	21.76	22.59	23.12	21.25	22.08	21.76	22.59	23.12
	4H	21.93	22.67	22.46	23.19	23.76	21.93	22.67	22.46	23.19	23.76
	6H	22.42	23.07	22.98	23.61	24.20	22.42	23.07	22.98	23.61	24.20
	8H	22.56	23.16	23.12	23.70	24.30	22.56	23.16	23.12	23.70	24.30
	12H	22.62	23.15	23.19	23.73	24.33	22.62	23.15	23.19	23.73	24.33
8H	4H	22.13	22.73	22.69	23.28	23.87	22.13	22.73	22.69	23.28	23.87
	6H	22.73	23.22	23.32	23.81	24.42	22.73	23.22	23.32	23.81	24.42
	8H	22.91	23.35	23.52	23.96	24.58	22.91	23.35	23.52	23.96	24.58
	12H	23.02	23.41	23.62	24.00	24.69	23.02	23.41	23.62	24.00	24.69
12H	4H	22.13	22.66	22.70	23.24	23.84	22.13	22.66	22.70	23.24	23.84
	6H	22.74	23.18	23.35	23.79	24.41	22.74	23.18	23.35	23.79	24.41
	8H	22.97	23.36	23.57	23.94	24.63	22.97	23.36	23.57	23.94	24.63

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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

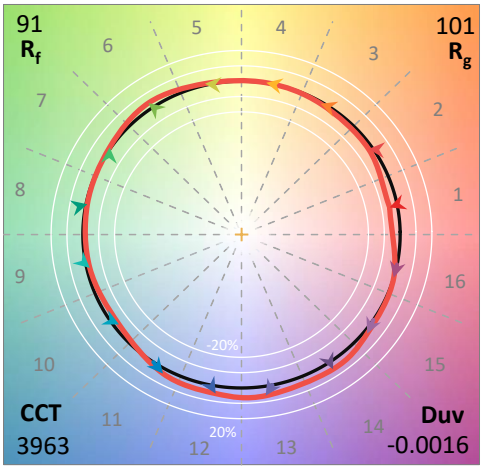
Test Information

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

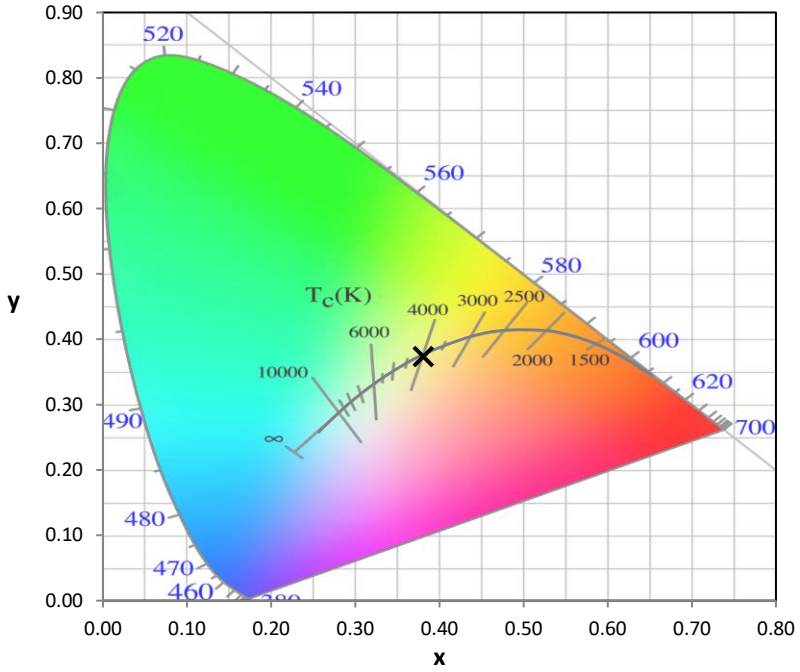
Stabilization Time:	44M
Operation Time:	1H 44M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-7

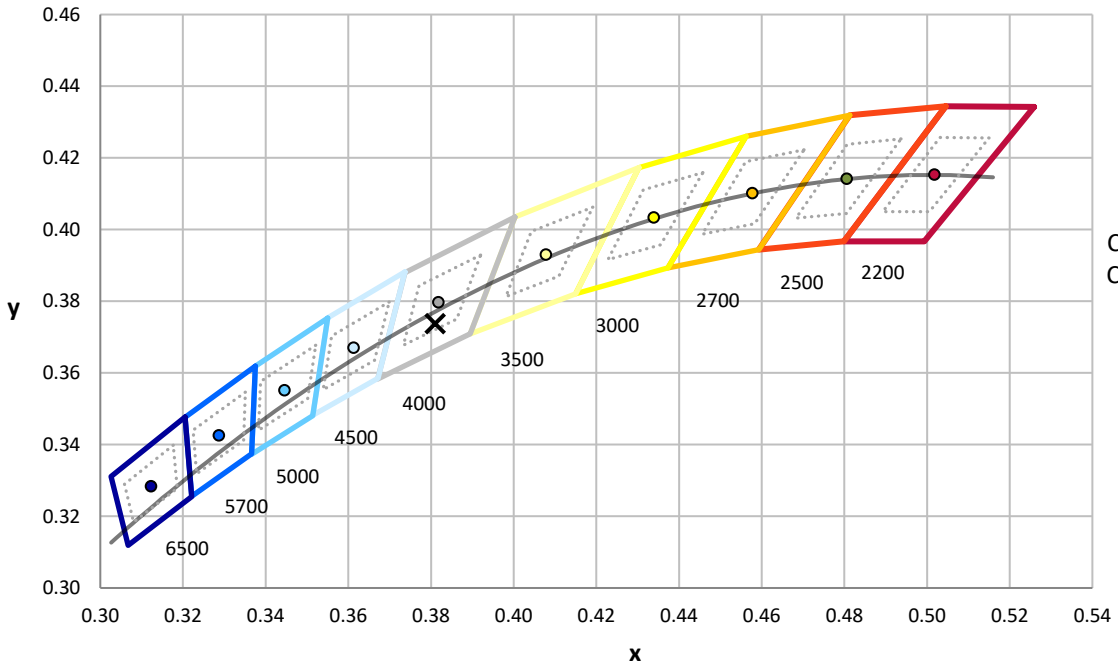
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208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

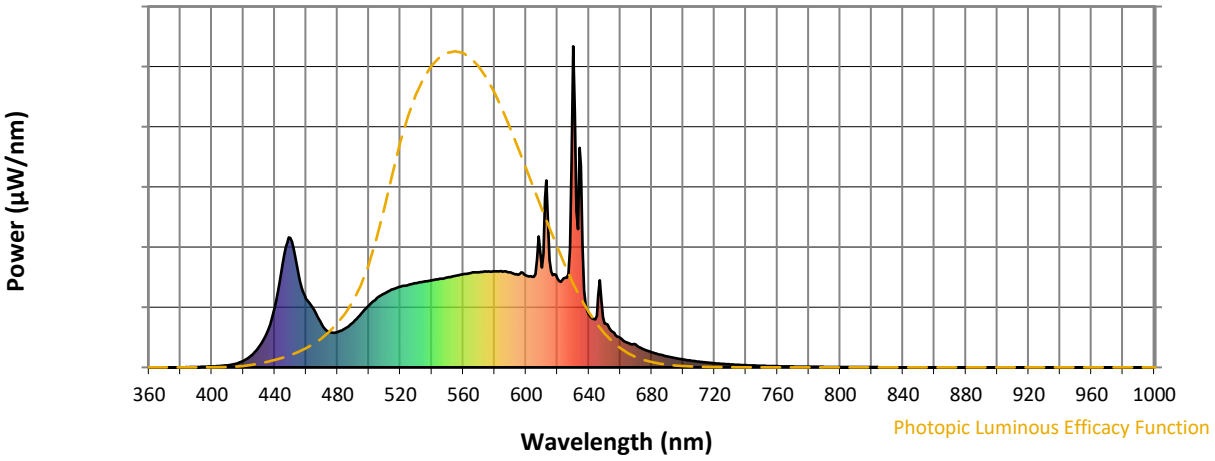


CCT = 3963K
CIE x = 0.3810
CIE y = 0.3738
Duv = -0.0016

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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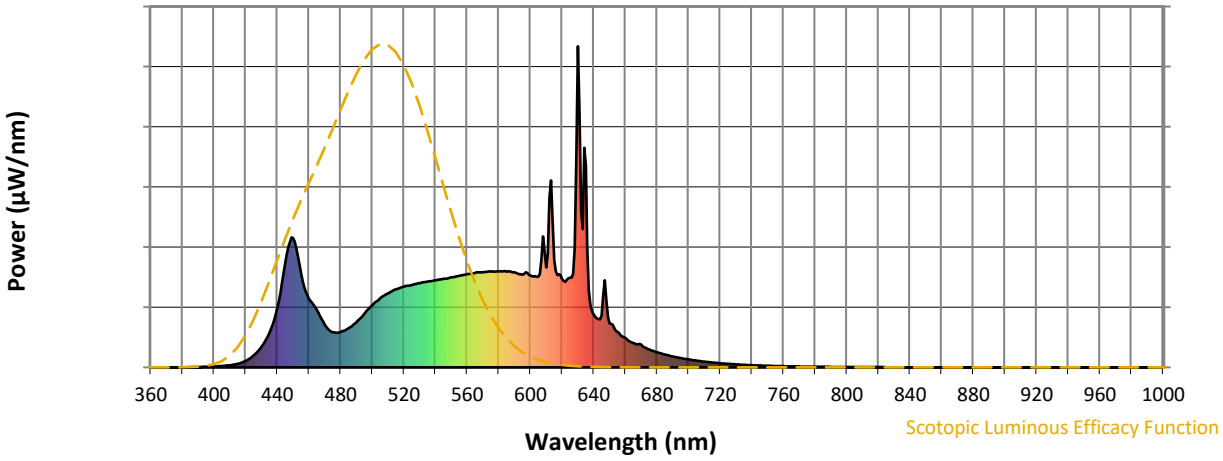
Scotopic Flux vs. Wavelength



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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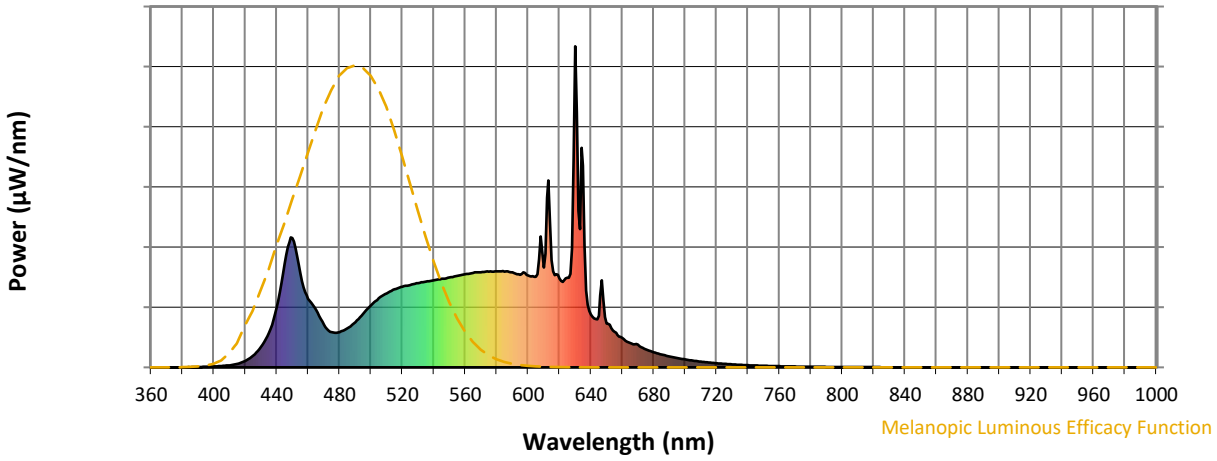
Melanopic Flux vs. Wavelength



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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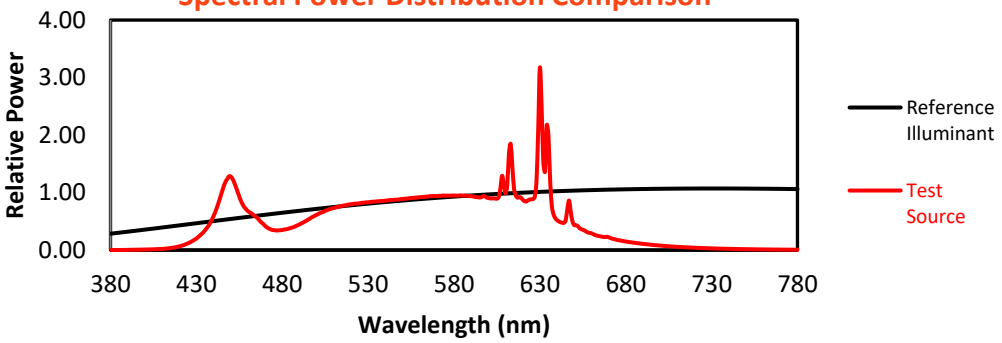
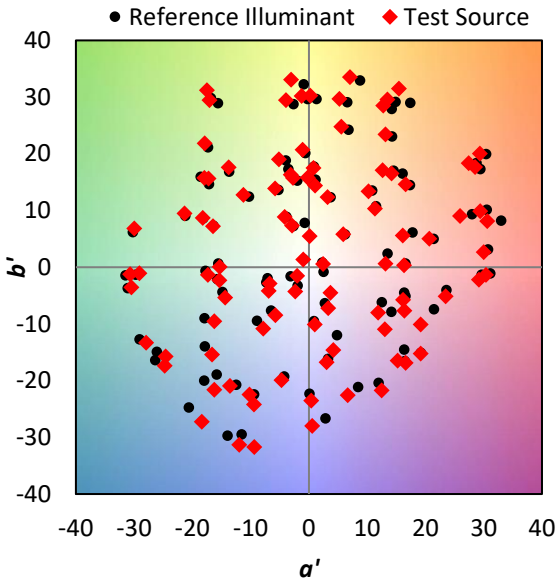
Summary

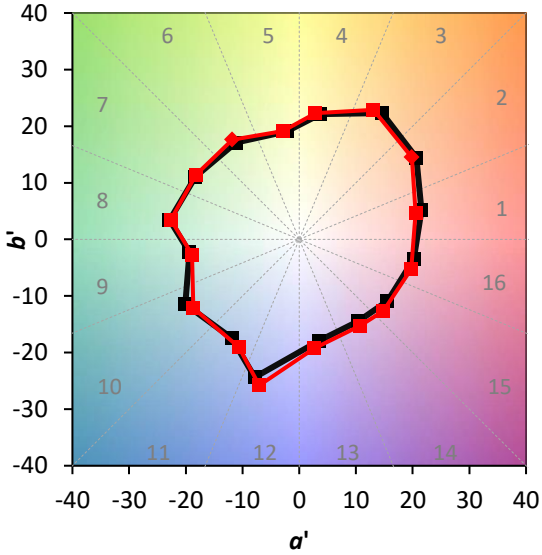
R_f = 90.7
R_g = 101
CIE R_a = 93.4
R_9 = 66.4

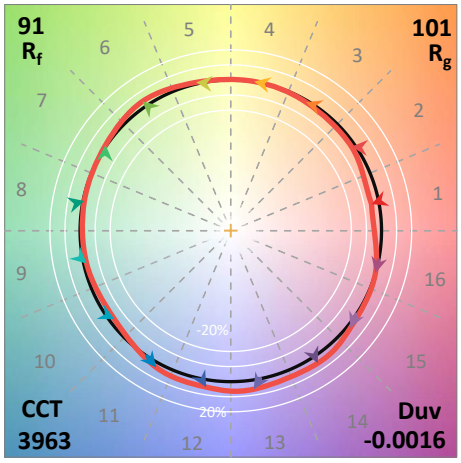
Spectral Power Distribution Comparison

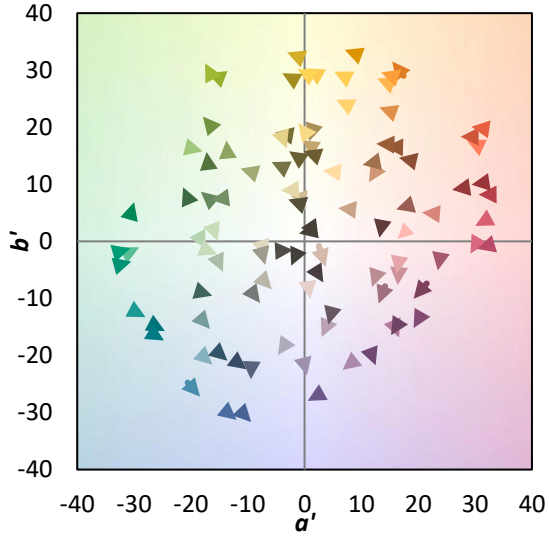


Color Vector Graphics









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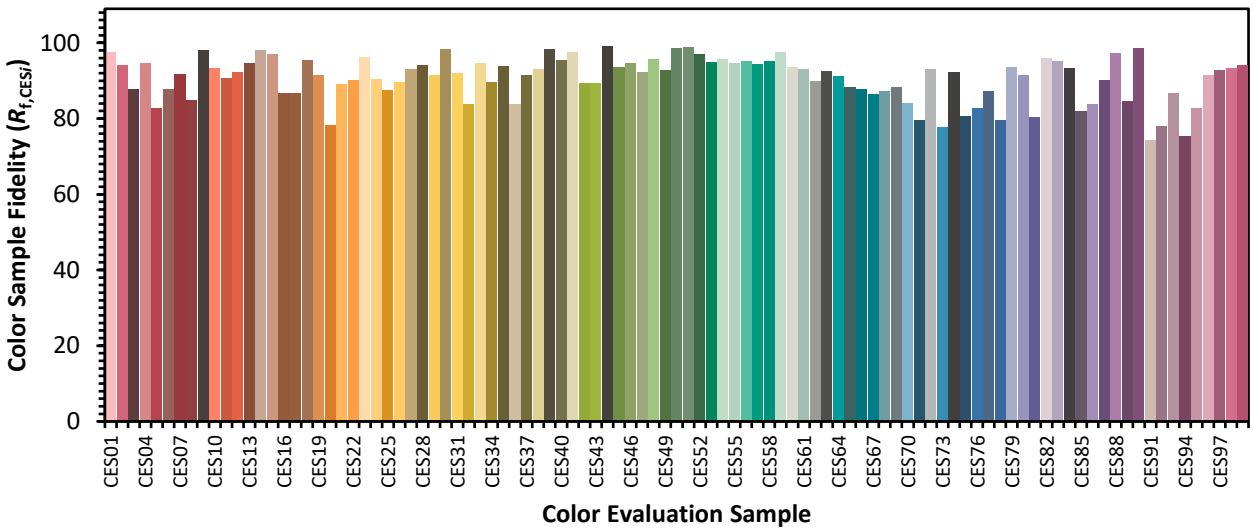
Individual Sample Fidelity Index ($R_{f,i}$)

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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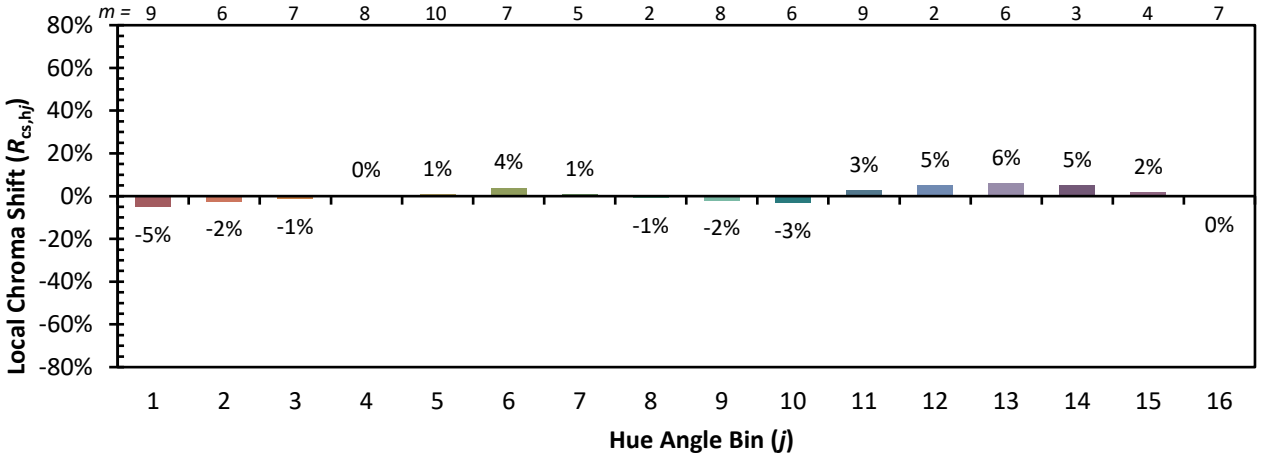
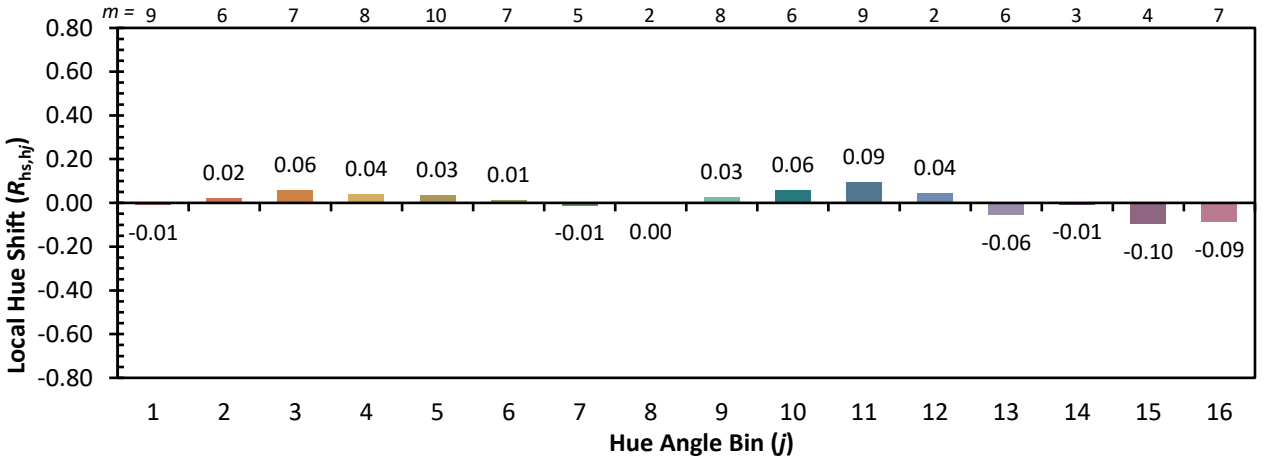
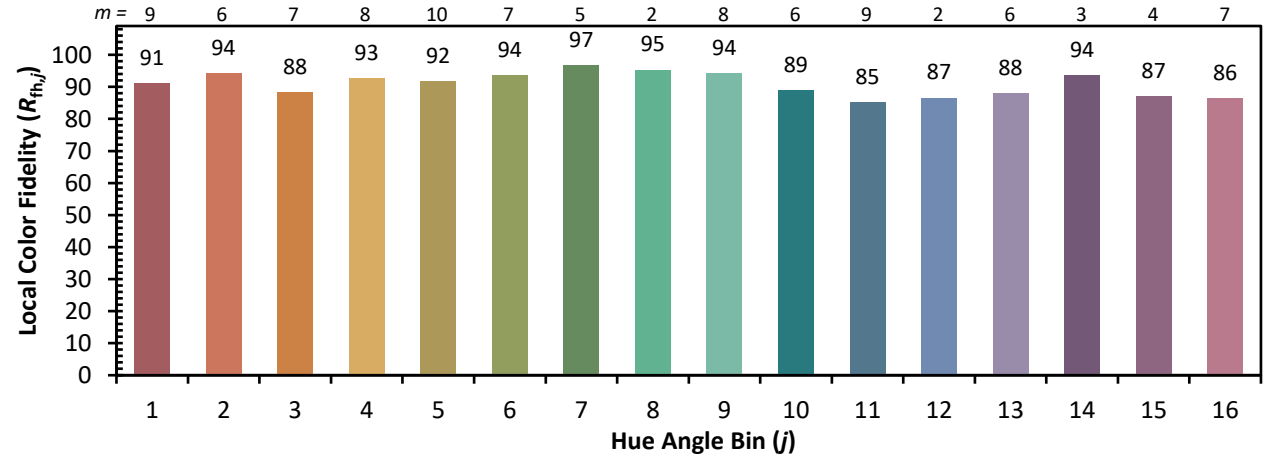
Color Rendition by Hue-Angle Bin







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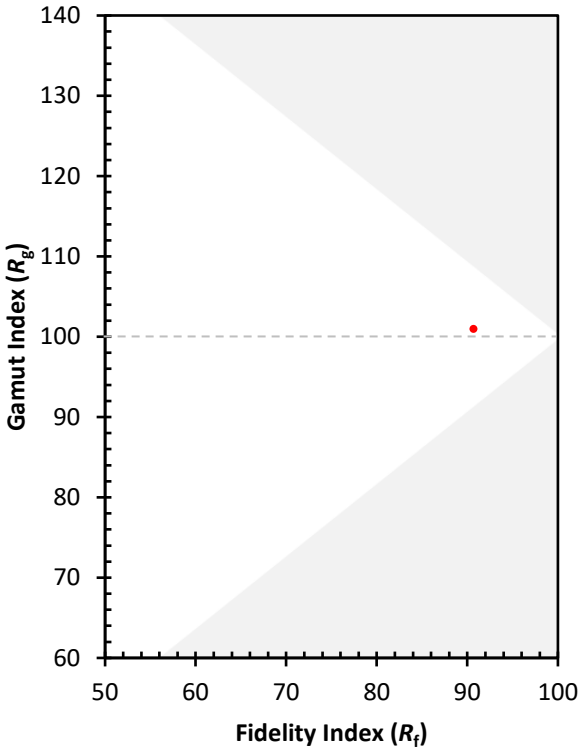
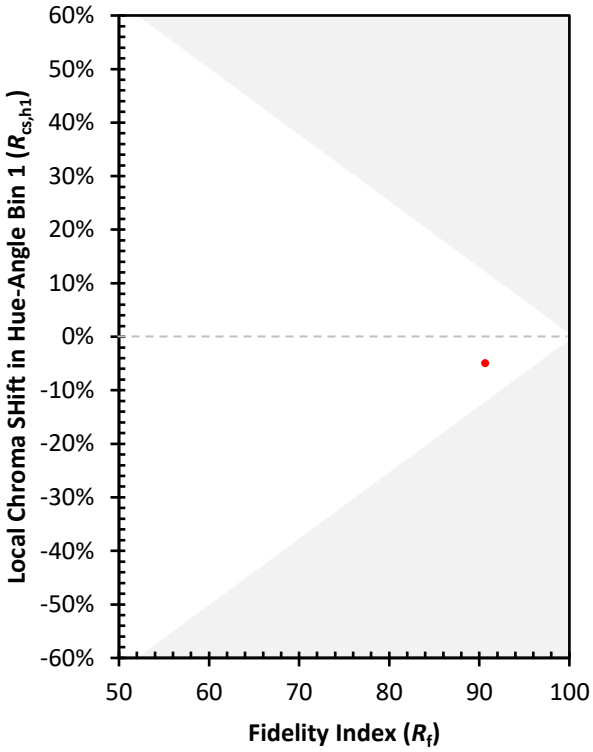
Measure Comparisons





(END OF REPORT)