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: P1432540

Luminaire Tested: EHBR1-60-UNV-W-L830-UPL15

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:	P1432540
	REPORT IS A COMBINATION OF REPORTS P1431917 AND P1431635
Test Lab:	INNOVATION CENTER
Issue Date:	3/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	EHBR1-60-UNV-W-L830-UPL15
Description:	Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with W lens
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	56780.1 lumens
Efficiency:	N/A
Efficacy:	167.1 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):	339.7
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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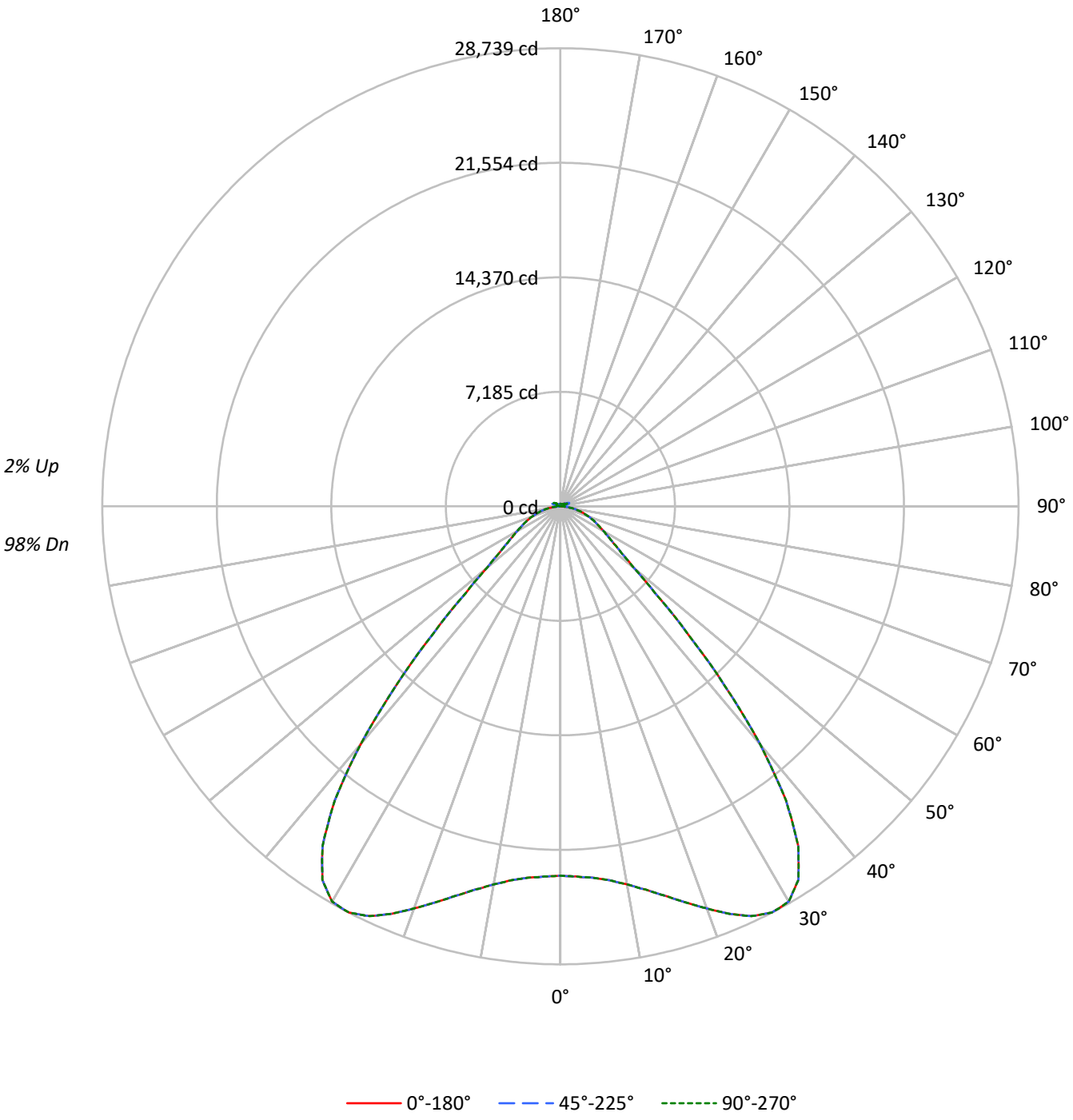
Luminous Intensity Polar Plot



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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	110	110	110	105	105	105	100	100	100	98
1	111	107	104	101	108	104	101	99	100	97	95	96	94	92	92	90	89	87
2	103	96	91	86	100	94	89	85	90	86	83	87	84	81	84	81	79	77
3	96	87	80	75	93	85	79	74	82	77	73	79	75	71	76	73	70	68
4	89	79	72	66	87	77	71	65	75	69	64	72	67	63	70	66	62	60
5	83	72	64	59	81	71	63	58	68	62	57	66	61	57	64	60	56	54
6	77	66	58	52	75	65	57	52	63	56	51	61	55	51	59	54	50	48
7	72	60	52	47	70	59	52	47	58	51	46	56	50	46	55	49	46	44
8	67	55	48	43	66	55	47	42	53	47	42	52	46	42	50	45	41	40
9	63	51	44	39	62	50	43	39	49	43	38	48	42	38	47	42	38	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	38	35	33

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	108826	108826	108826
5°	109549	109549	109549
10°	113355	113355	113355
15°	120538	120538	120538
20°	130666	130666	130666
25°	142047	142047	142047
30°	148889	148889	148889
35°	141718	141718	141718
40°	112453	112453	112453
45°	69506	69506	69506
50°	40248	40248	40248
55°	30451	30451	30451
60°	26122	26122	26122
65°	23593	23593	23593
70°	21704	21704	21704
75°	19174	19174	19174
80°	15627	15627	15627
85°	9212	9212	9212

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 69506 cd/sqm

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TEST NUMBER: P1432540
CATALOG NUMBER: EHBR1-60-UNV-W-L830-UPL15

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2254.7	4.0
10°-20°	7228.3	12.7
20°-30°	13047.4	23.0
30°-40°	15766.4	27.8
40°-50°	9007.8	15.9
50°-60°	3815.1	6.7
60°-70°	2460.7	4.3
70°-80°	1430.8	2.5
80°-90°	381.1	0.7
90°-100°	40.4	0.1
100°-110°	243.8	0.4
110°-120°	434.9	0.8
120°-130°	256.7	0.5
130°-140°	161.2	0.3
140°-150°	115.3	0.2
150°-160°	76.4	0.1
160°-170°	44.4	0.1
170°-180°	14.8	0.0
0°-30°	22530.3	39.7
0°-40°	38296.7	67.4
0°-60°	51119.7	90.0
0°-90°	55392.3	97.6
90°-120°	719.1	1.3
90°-150°	1252.3	2.2
90°-180°	1388.0	2.4
0°-180°	56780.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	23174	23174	23174	23174	23174	
5°	23390	23390	23390	23390	23390	2255
15°	25288	25288	25288	25288	25288	7228
25°	28367	28367	28367	28367	28367	13047
35°	26010	26010	26010	26010	26010	15766
45°	11246	11246	11246	11246	11246	9008
55°	4115	4115	4115	4115	4115	3815
65°	2463	2463	2463	2463	2463	2461
75°	1351	1351	1351	1351	1351	1431
85°	317	317	317	317	317	365
90°	12	18	30	20	12	19
95°	19	30	65	33	21	18
105°	86	168	427	185	113	115
115°	392	412	505	484	481	361
125°	284	266	272	276	310	259
135°	212	206	212	200	199	166
145°	180	178	188	186	185	114
155°	161	159	166	166	166	75
165°	154	154	158	158	157	44
175°	154	154	156	156	156	15
180°	156	156	156	156	156	

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TEST NUMBER: P1432540
CATALOG NUMBER: EHBR1-60-UNV-W-L830-UPL15

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	23173.8	23173.8	23173.8	23173.8	23173.8
2.5°	23251.6	23251.6	23251.6	23251.6	23251.6
5°	23390.5	23390.5	23390.5	23390.5	23390.5
7.5°	23663.5	23663.5	23663.5	23663.5	23663.5
10°	24083.9	24083.9	24083.9	24083.9	24083.9
12.5°	24630.1	24630.1	24630.1	24630.1	24630.1
15°	25288.3	25288.3	25288.3	25288.3	25288.3
17.5°	26041.9	26041.9	26041.9	26041.9	26041.9
20°	26855.7	26855.7	26855.7	26855.7	26855.7
22.5°	27675.1	27675.1	27675.1	27675.1	27675.1
25°	28366.6	28366.6	28366.6	28366.6	28366.6
27.5°	28738.8	28738.8	28738.8	28738.8	28738.8
30°	28638.8	28638.8	28638.8	28638.8	28638.8
32.5°	27789.9	27789.9	27789.9	27789.9	27789.9
35°	26010.4	26010.4	26010.4	26010.4	26010.4
37.5°	23235.8	23235.8	23235.8	23235.8	23235.8
40°	19490.9	19490.9	19490.9	19490.9	19490.9
42.5°	15255.4	15255.4	15255.4	15255.4	15255.4
45°	11245.8	11245.8	11245.8	11245.8	11245.8
47.5°	8037.8	8037.8	8037.8	8037.8	8037.8
50°	5998.3	5998.3	5998.3	5998.3	5998.3
52.5°	4856.7	4856.7	4856.7	4856.7	4856.7
55°	4115.2	4115.2	4115.2	4115.2	4115.2
57.5°	3573.6	3573.6	3573.6	3573.6	3573.6
60°	3140.3	3140.3	3140.3	3140.3	3140.3
62.5°	2779.3	2779.3	2779.3	2779.3	2779.3
65°	2462.6	2462.6	2462.6	2462.6	2462.6
67.5°	2183.0	2183.0	2183.0	2183.0	2183.0
70°	1904.4	1904.4	1904.4	1904.4	1904.4
72.5°	1626.6	1626.6	1626.6	1626.6	1626.6
75°	1350.7	1350.7	1350.7	1350.7	1350.7
77.5°	1085.1	1085.1	1085.1	1085.1	1085.1
80°	822.1	822.1	822.1	822.1	822.1
82.5°	563.8	563.8	563.8	563.8	563.8
85°	316.6	316.6	316.6	316.6	316.6
87.5°	99.9	99.9	99.9	99.9	99.9
90°	11.9	18.2	29.8	19.7	11.9
92.5°	15.6	25.8	45.8	24.2	14.1
95°	18.9	30.5	64.6	32.9	21.3
97.5°	23.5	33.6	73.9	39.8	32.0
100°	30.5	39.1	114.2	48.3	42.2
102.5°	50.7	80.8	240.4	89.4	63.0
105°	86.3	168.3	427.0	185.4	113.3
107.5°	148.2	299.9	562.5	327.1	213.3
110°	276.1	398.5	590.5	449.5	341.1

TEST NUMBER: P1432540
CATALOG NUMBER: EHBR1-60-UNV-W-L830-UPL15

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*372.2*	427.9	565.7	496.0	443.3
115°	*391.5*	411.6	505.4	484.4	481.3
117.5°	*378.3*	376.0	429.5	435.7	465.1
120°	*350.4*	335.0	358.9	380.7	420.1
122.5°	*315.6*	297.0	307.9	324.1	363.6
125°	*284.0*	265.5	272.4	276.3	309.6
127.5°	*255.3*	243.0	246.9	242.2	263.1
130°	*236.9*	226.0	231.5	220.6	230.7
132.5°	*222.5*	215.5	221.7	208.5	211.6
135°	*211.8*	205.6	212.5	200.2	199.4
137.5°	*202.7*	197.3	204.2	194.9	192.6
140°	*195.3*	190.6	198.4	191.4	189.9
142.5°	*186.1*	183.0	192.3	187.7	186.1
145°	*180.0*	177.7	187.7	185.5	184.6
147.5°	*174.8*	173.2	182.5	181.7	181.7
150°	*169.4*	167.8	177.0	176.3	177.0
152.5°	*163.9*	162.3	170.9	170.1	170.9
155°	*161.0*	159.4	166.4	166.4	166.4
157.5°	*157.8*	157.1	162.5	162.5	162.5
160°	*156.5*	155.7	160.4	160.4	159.6
162.5°	*155.1*	154.4	159.7	159.0	159.0
165°	*153.5*	153.5	157.5	157.5	156.6
167.5°	*153.5*	152.8	156.6	156.6	155.9
170°	*152.8*	152.8	155.9	155.1	154.4
172.5°	*153.7*	153.7	156.8	156.1	155.3
175°	*153.9*	153.9	156.2	156.2	156.2
177.5°	*154.7*	154.7	156.2	156.2	155.4
180°	*156.3*	156.3	156.3	156.3	156.3

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Scaled Data Report

TEST NUMBER: P1432540
CATALOG NUMBER: EHBR1-60-UNV-W-L830-UPL15

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	20.58	21.85	20.99	22.22	22.60	20.58	21.85	20.99	22.22	22.60
	3H	22.09	23.21	22.51	23.60	24.02	22.09	23.21	22.51	23.60	24.02
	4H	22.65	23.70	23.10	24.10	24.55	22.65	23.70	23.10	24.10	24.55
	6H	23.04	24.00	23.50	24.42	24.88	23.04	24.00	23.50	24.42	24.88
	8H	23.14	24.05	23.61	24.49	24.96	23.14	24.05	23.61	24.49	24.96
	12H	23.18	24.05	23.65	24.48	24.97	23.18	24.05	23.65	24.48	24.97
4H	2H	21.03	22.08	21.48	22.49	22.93	21.03	22.08	21.48	22.49	22.93
	3H	22.76	23.62	23.21	24.07	24.54	22.76	23.62	23.21	24.07	24.54
	4H	23.44	24.21	23.92	24.68	25.18	23.44	24.21	23.92	24.68	25.18
	6H	23.94	24.60	24.44	25.10	25.62	23.94	24.60	24.44	25.10	25.62
	8H	24.07	24.69	24.58	25.19	25.71	24.07	24.69	24.58	25.19	25.71
	12H	24.13	24.68	24.66	25.21	25.74	24.13	24.68	24.66	25.21	25.74
8H	4H	23.64	24.27	24.15	24.76	25.29	23.64	24.27	24.15	24.76	25.29
	6H	24.24	24.75	24.78	25.29	25.83	24.24	24.75	24.78	25.29	25.83
	8H	24.43	24.88	24.99	25.44	25.99	24.43	24.88	24.99	25.44	25.99
	12H	24.54	24.94	25.09	25.48	26.10	24.54	24.94	25.09	25.48	26.10
12H	4H	23.64	24.19	24.17	24.72	25.25	23.64	24.19	24.17	24.72	25.25
	6H	24.26	24.71	24.82	25.27	25.82	24.26	24.71	24.82	25.27	25.82
	8H	24.48	24.89	25.04	25.42	26.05	24.48	24.89	25.04	25.42	26.05

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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: SP1-2506-472-2

Test Date: 07/31/2025

Luminaire Tested: EHBR-60-L830-N

Data in this report applies to families of products including EHBR-60-L830-N

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

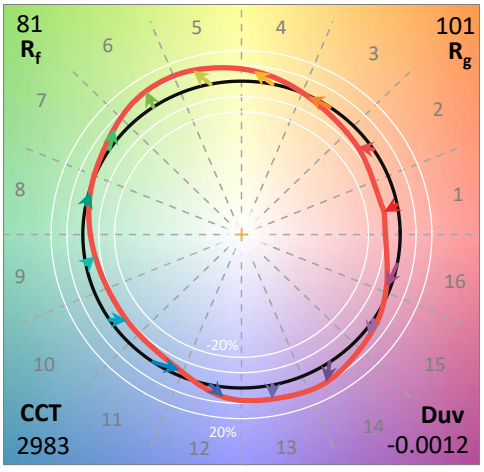
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-472-2
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-L830-N**
Description:	Elevate Round Highbay at, 60000 lumens, 3000K 80CRI LEDs with N lens

Spectral Parameters

CCT (K):	2983
CIE u':	0.2516
CIE v':	0.5201
Duv:	-0.0012
CIE x:	0.4364
CIE y:	0.4010
CIE z:	0.1626
Peak Wavelength (nm):	630
Dominant Wavelength (nm):	583
Purity:	51.34918
Rf:	81.2
Rg:	101.5

CRI (Ra):	83.4				
R1:	84.0	R9:	29.4		
R2:	87.5	R10:	68.6		
R3:	88.9	R11:	82.2		
R4:	83.8	R12:	61.6		
R5:	81.9	R13:	83.9		
R6:	83.1	R14:	92.5		
R7:	87.1	R15:	79.8		
R8:	70.9				



Test Conditions

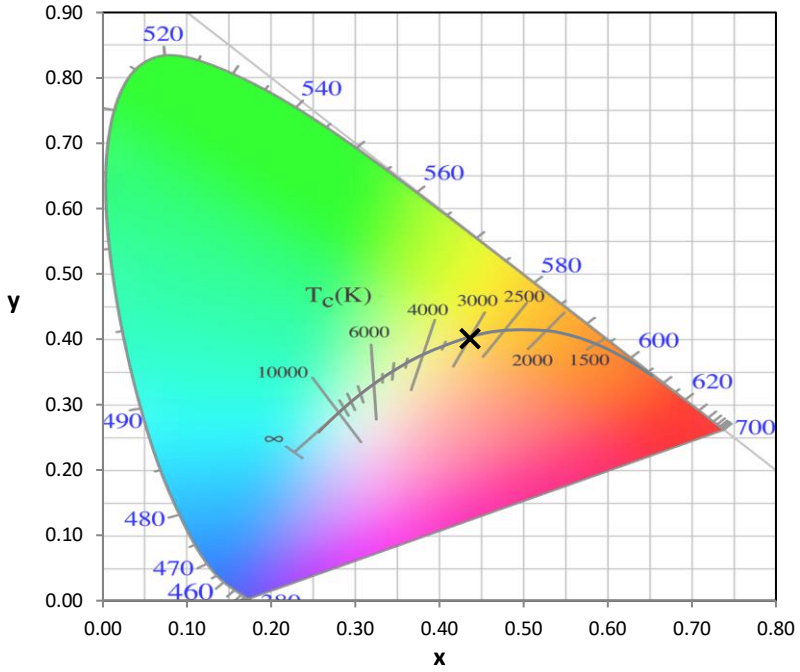
Stabilization Time:	38M
Operation Time:	1H 38M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2506-472-2

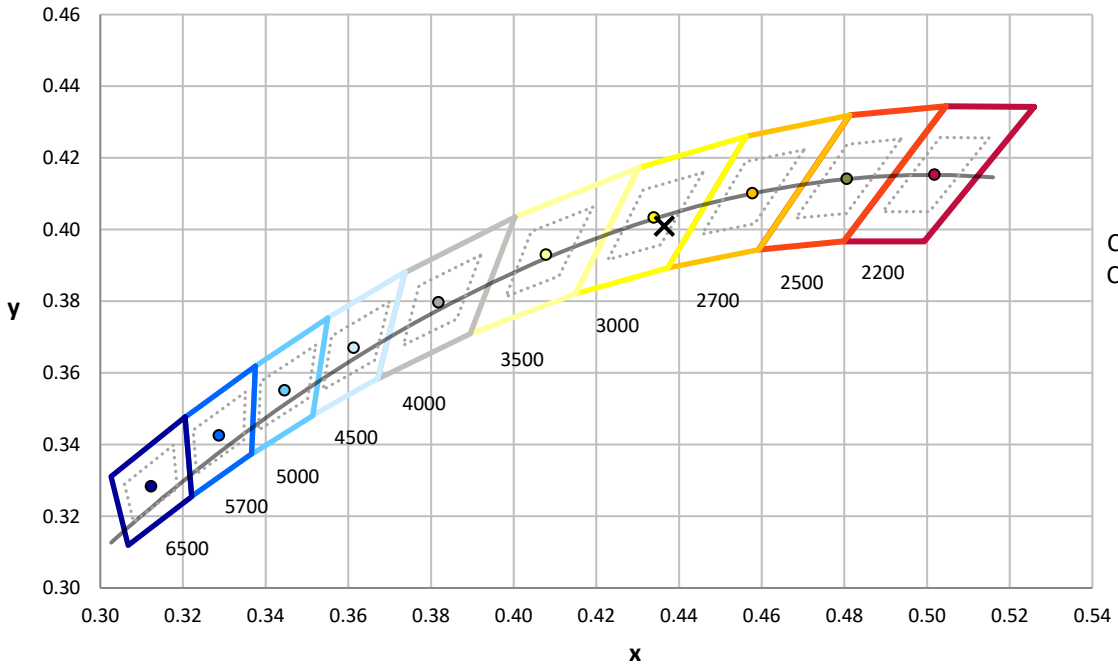
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-472-2

CIE 1931 Chromaticity Diagram



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

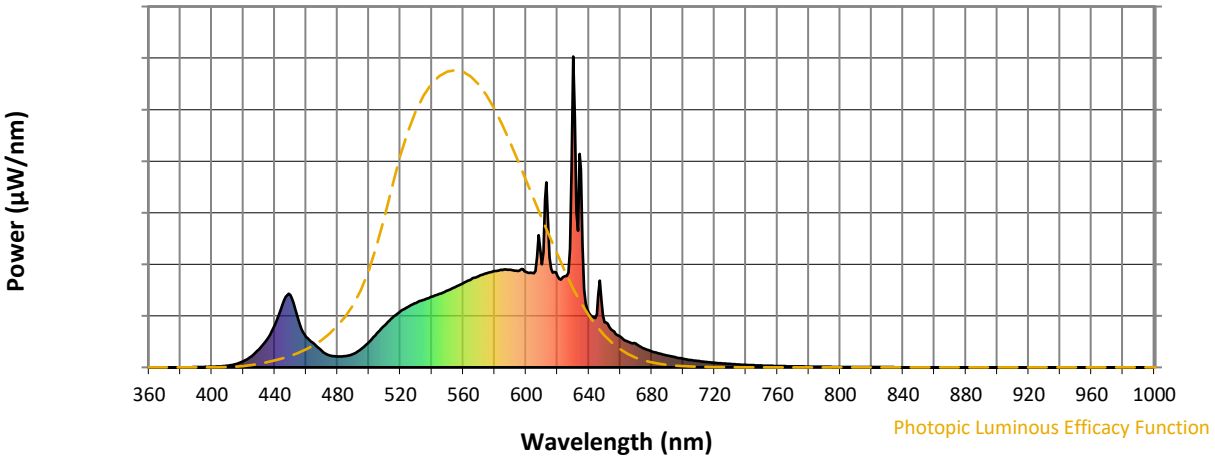


CCT = 2983K
CIE x = 0.4364
CIE y = 0.4010
Duv = -0.0012

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-472-2

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

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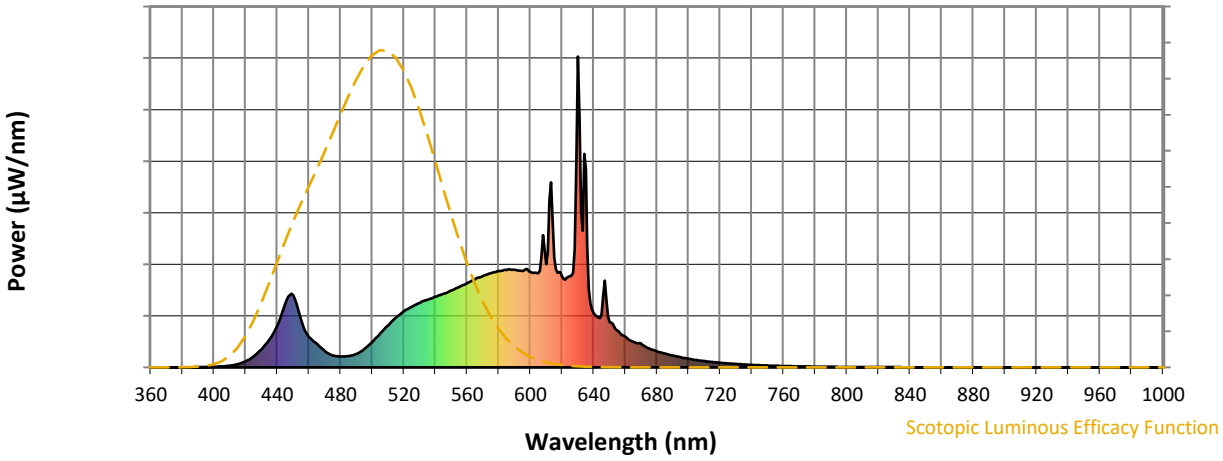
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.27**

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

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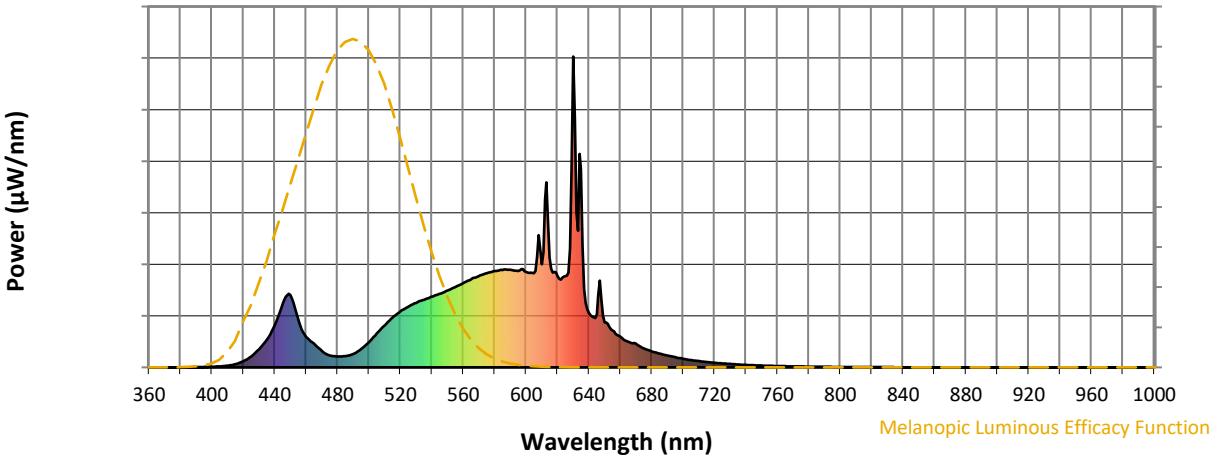
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.34**

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	43	NR	620	294	NR	750	6	NR	880	0	NR
365	0	NR	495	59	NR	625	294	NR	755	5	NR	885	0	NR
370	0	NR	500	81	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	109	NR	635	637	NR	765	4	NR	895	0	NR
380	0	NR	510	135	NR	640	175	NR	770	3	NR	900	0	NR
385	0	NR	515	160	NR	645	171	NR	775	3	NR	905	0	NR
390	1	NR	520	180	NR	650	146	NR	780	2	NR	910	0	NR
395	1	NR	525	195	NR	655	119	NR	785	2	NR	915	0	NR
400	2	NR	530	207	NR	660	99	NR	790	2	NR	920	0	NR
405	3	NR	535	218	NR	665	82	NR	795	2	NR	925	0	NR
410	5	NR	540	227	NR	670	76	NR	800	1	NR	930	0	NR
415	10	NR	545	237	NR	675	61	NR	805	1	NR	935	0	NR
420	20	NR	550	247	NR	680	52	NR	810	1	NR	940	0	NR
425	35	NR	555	259	NR	685	44	NR	815	1	NR	945	0	NR
430	58	NR	560	271	NR	690	38	NR	820	1	NR	950	0	NR
435	90	NR	565	283	NR	695	33	NR	825	1	NR	955	0	NR
440	135	NR	570	293	NR	700	27	NR	830	1	NR	960	0	NR
445	204	NR	575	303	NR	705	24	NR	835	1	NR	965	0	NR
450	233	NR	580	310	NR	710	20	NR	840	0	NR	970	0	NR
455	153	NR	585	313	NR	715	17	NR	845	0	NR	975	0	NR
460	98	NR	590	314	NR	720	15	NR	850	0	NR	980	0	NR
465	76	NR	595	310	NR	725	13	NR	855	0	NR	985	0	NR
470	53	NR	600	307	NR	730	11	NR	860	0	NR	990	0	NR
475	39	NR	605	303	NR	735	9	NR	865	0	NR	995	0	NR
480	35	NR	610	331	NR	740	8	NR	870	0	NR	1000	0	NR
485	36	NR	615	353	NR	745	7	NR	875	0	NR			

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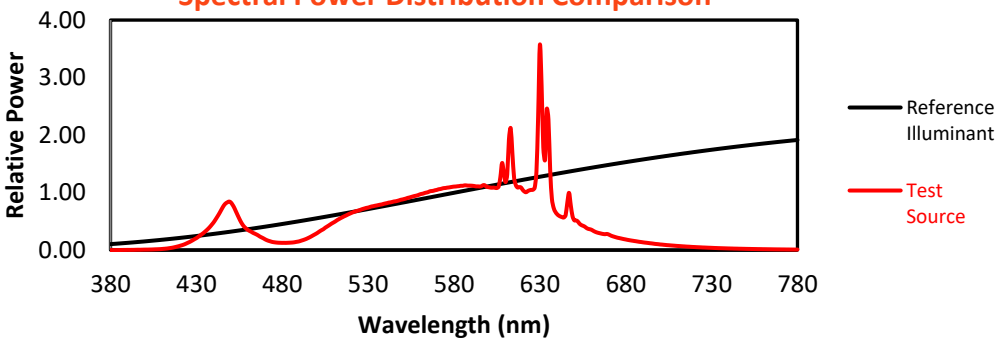
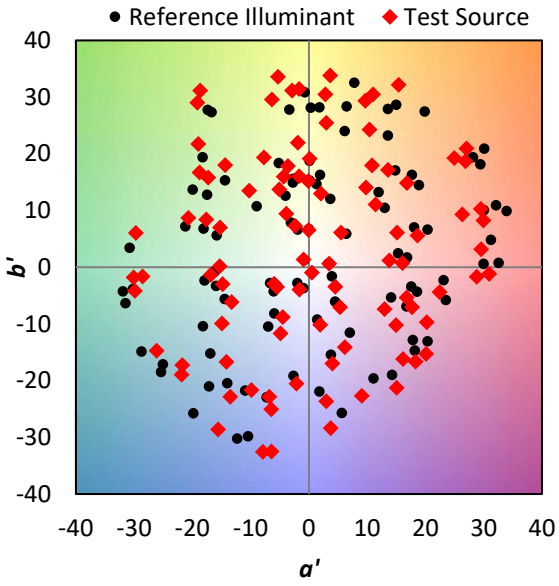
Summary

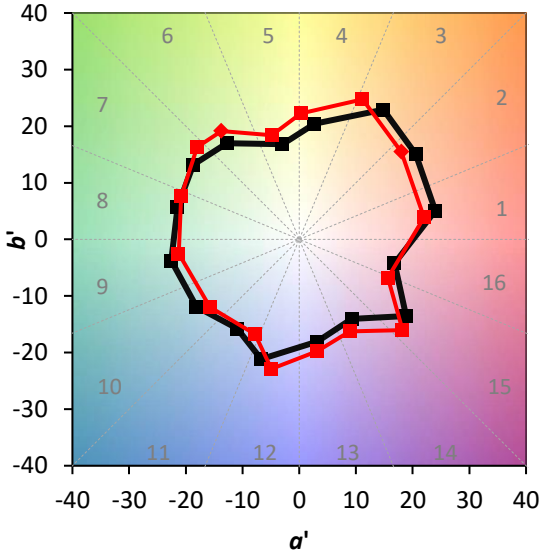
R_f = 81.2
R_g = 101.5
CIE R_a = 83.4
R_9 = 29.4

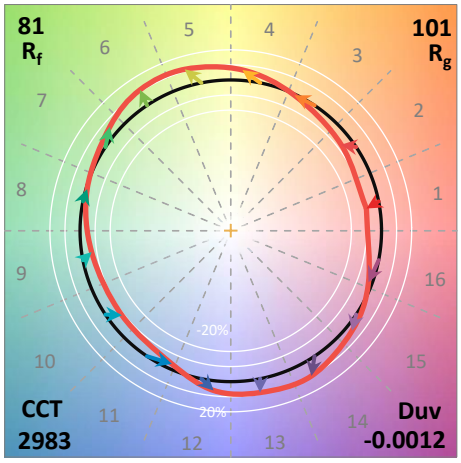
Spectral Power Distribution Comparison

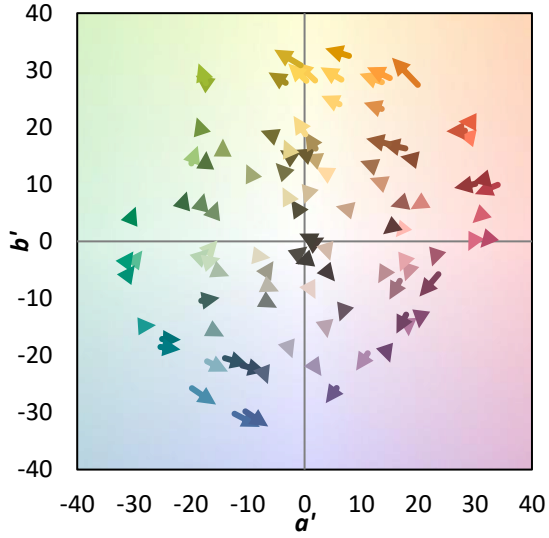


Color Vector Graphics









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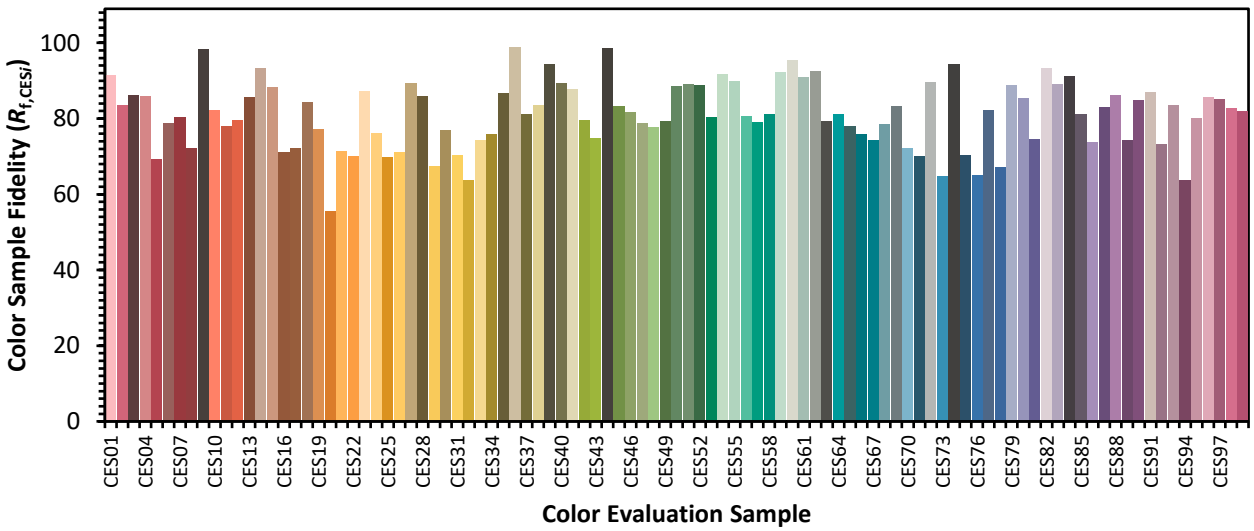
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 71	CES51 = 89	CES76 = 65
CES02 = 63	CES27 = 89	CES52 = 89	CES77 = 82
CES03 = 31	CES28 = 86	CES53 = 80	CES78 = 67
CES04 = 70	CES29 = 68	CES54 = 92	CES79 = 89
CES05 = 50	CES30 = 77	CES55 = 90	CES80 = 85
CES06 = 51	CES31 = 70	CES56 = 81	CES81 = 75
CES07 = 43	CES32 = 64	CES57 = 79	CES82 = 93
CES08 = 41	CES33 = 74	CES58 = 81	CES83 = 89
CES09 = 29	CES34 = 76	CES59 = 92	CES84 = 91
CES10 = 76	CES35 = 87	CES60 = 96	CES85 = 81
CES11 = 59	CES36 = 99	CES61 = 91	CES86 = 74
CES12 = 65	CES37 = 81	CES62 = 93	CES87 = 83
CES13 = 44	CES38 = 83	CES63 = 79	CES88 = 86
CES14 = 74	CES39 = 94	CES64 = 81	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 78	CES90 = 85
CES16 = 48	CES41 = 88	CES66 = 76	CES91 = 87
CES17 = 50	CES42 = 80	CES67 = 74	CES92 = 73
CES18 = 57	CES43 = 75	CES68 = 79	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 83	CES94 = 64
CES20 = 67	CES45 = 83	CES70 = 72	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 70	CES96 = 86
CES22 = 79	CES47 = 79	CES72 = 90	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 65	CES98 = 83
CES24 = 91	CES49 = 79	CES74 = 94	CES99 = 82
CES25 = 72	CES50 = 88	CES75 = 70	



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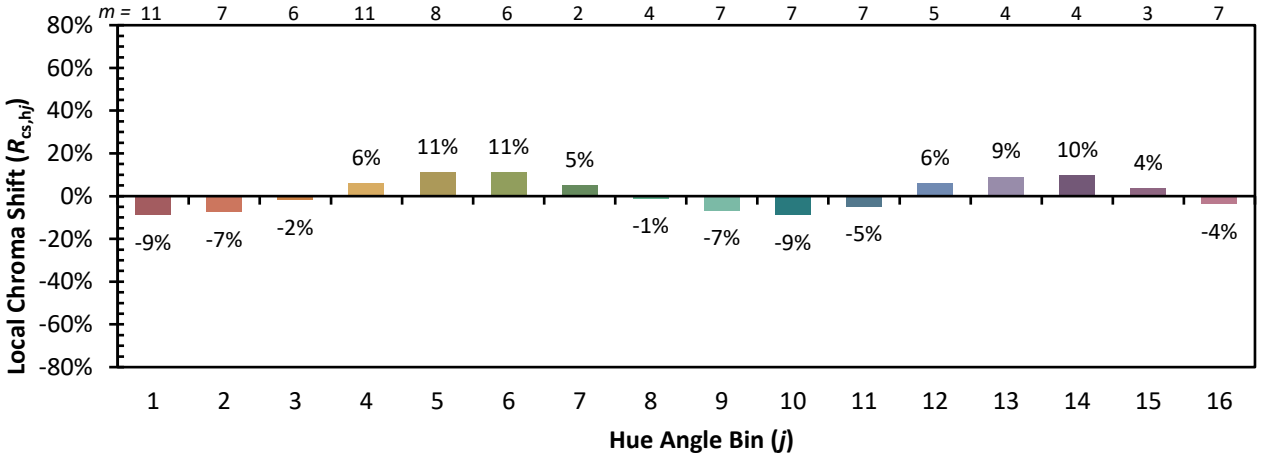
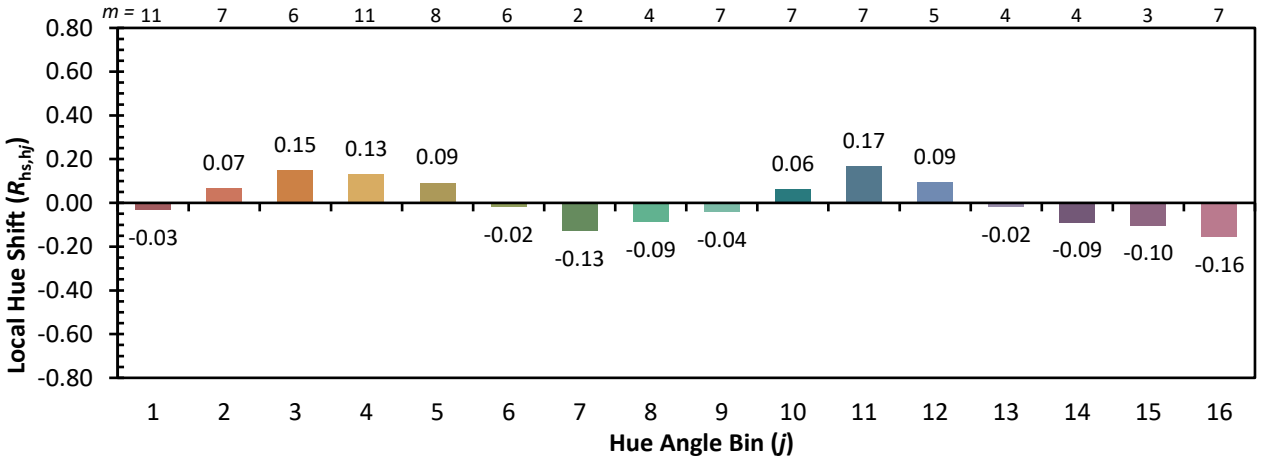
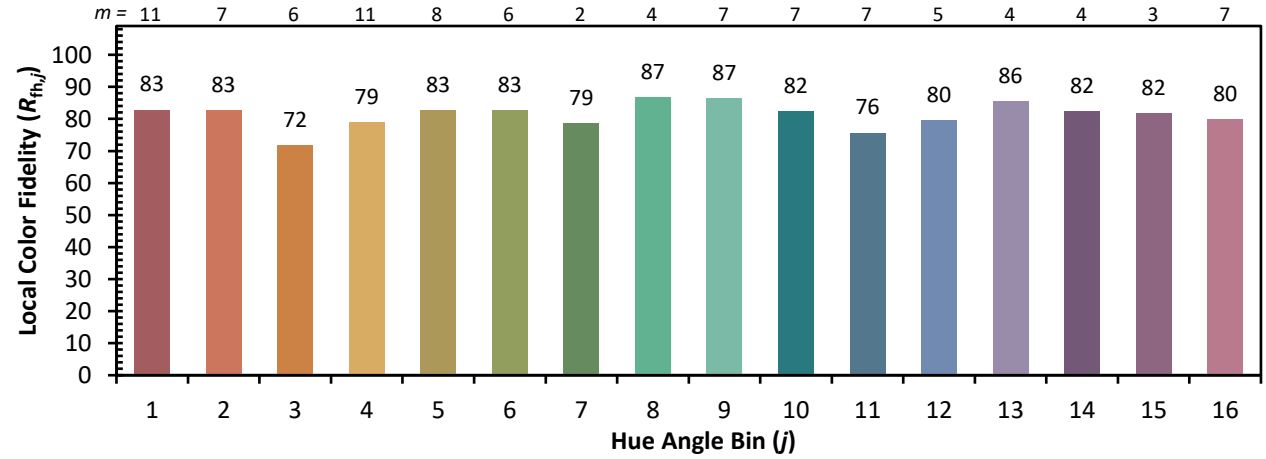
Color Rendition by Hue-Angle Bin







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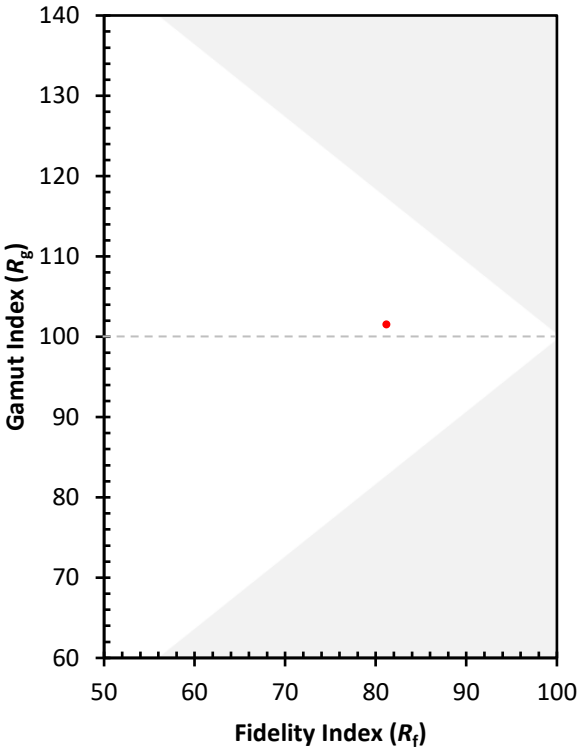
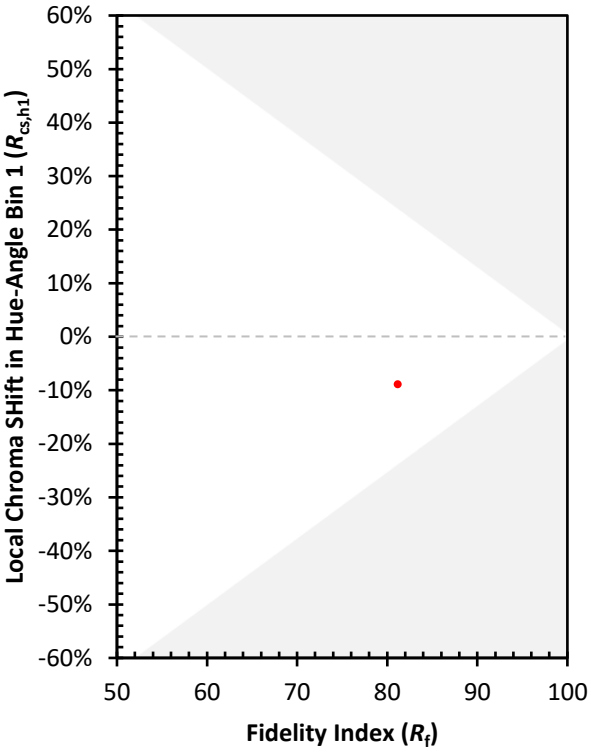
Measure Comparisons





(END OF REPORT)