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: CORELITE

Report Number: P1217225

Luminaire Tested: 14-ID2-55-CNV-L830-U

Issue Date: 12/5/2025

Report Generated By 670265710 / DESKTOP-98SHLC4

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:	P1217225
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2508-507-11)
Test Lab:	INNOVATION CENTER
Issue Date:	12/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14-ID2-55-CNV-L830-U
Description:	1X4 IN DEPTH TROFFER WITH 2INCH CURVE DROP LENS
Light Source:	3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5420.0 lumens
Efficiency:	N/A
Efficacy:	111.3 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.22 / 1.33
Luminous Opening:	Rectangular w/ Sides (W: 1' x L: 4' x H: 0.16')
CIE Type:	Direct

Input Watts (W):	48.7
Input Voltage (V):	120
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: P1217225
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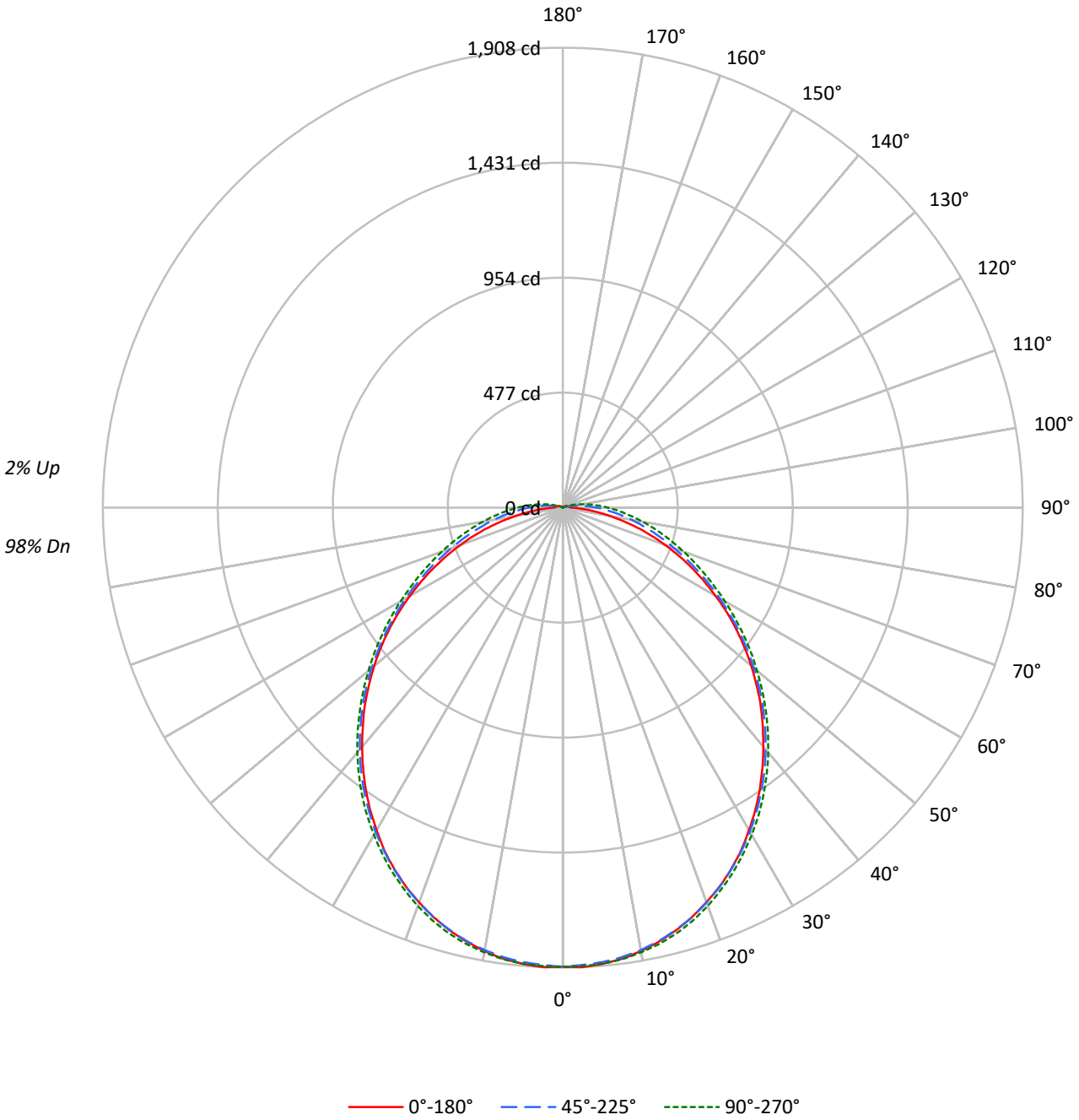
Luminous Intensity Polar Plot



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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	107	102	98	94	104	100	96	92	95	92	88	91	88	85	87	84	82	80
2	98	89	82	76	95	87	80	75	83	77	73	79	75	71	76	72	69	66
3	89	78	70	63	86	76	69	62	73	66	61	70	64	60	67	62	58	56
4	81	69	60	54	79	68	59	53	65	58	52	62	56	51	60	54	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	49	44	54	48	44	41
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	51	42	36	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	42	36	31	41	35	31	29
9	56	42	34	29	54	42	34	29	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5125	5125	5125
5°	5114	5050	5059
10°	5068	4968	4979
15°	5003	4867	4883
20°	4918	4750	4759
25°	4820	4612	4615
30°	4691	4460	4458
35°	4554	4292	4291
40°	4401	4112	4106
45°	4251	3919	3907
50°	4078	3708	3697
55°	3894	3478	3487
60°	3683	3250	3271
65°	3457	3010	3076
70°	3197	2783	2913
75°	2893	2611	2788
80°	2497	2484	2731
85°	2182	2440	2794

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4251 cd/sqm

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TEST NUMBER: P1217225
CATALOG NUMBER: 14-ID2-55-CNV-L830-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.1	3.3
10°-20°	512.4	9.5
20°-30°	763.5	14.1
30°-40°	898.5	16.6
40°-50°	906.5	16.7
50°-60°	799.2	14.7
60°-70°	612.2	11.3
70°-80°	401.0	7.4
80°-90°	214.4	4.0
90°-100°	91.1	1.7
100°-110°	29.1	0.5
110°-120°	6.8	0.1
120°-130°	3.1	0.1
130°-140°	1.5	0.0
140°-150°	0.5	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1455.9	26.9
0°-40°	2354.4	43.4
0°-60°	4060.2	74.9
0°-90°	5287.8	97.6
90°-120°	127.0	2.3
90°-150°	132.2	2.4
90°-180°	132.0	2.4
0°-180°	5420.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1904	1904	1904	1904	1904	
5°	1900	1897	1892	1893	1899	180
15°	1815	1813	1813	1820	1828	512
25°	1654	1651	1656	1664	1670	761
35°	1425	1425	1436	1448	1452	891
45°	1162	1163	1175	1189	1191	895
55°	878	878	891	909	913	784
65°	590	592	616	639	649	584
75°	320	333	384	418	428	339
85°	103	141	207	246	256	104
90°	36	80	139	176	187	24
95°	30	41	86	118	129	24
105°	21	16	18	36	44	22
115°	14	11	6	0	0	14
125°	8	6	3	0	0	8
135°	5	4	2	0	0	4
145°	3	2	0	0	0	2
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1904.4	1904.4	1904.4	1904.4	1904.4
2.5°	1908.0	1905.3	1898.9	1900.7	1903.5
5°	1899.8	1897.1	1892.5	1893.4	1898.9
7.5°	1888.0	1884.3	1880.7	1883.4	1889.8
10°	1867.9	1866.1	1863.4	1867.0	1873.4
12.5°	1844.2	1842.4	1841.5	1846.1	1853.4
15°	1815.1	1813.3	1813.3	1820.5	1827.8
17.5°	1781.4	1780.5	1782.3	1790.5	1795.9
20°	1742.2	1741.3	1744.0	1752.2	1758.6
22.5°	1701.2	1699.4	1702.1	1709.4	1715.8
25°	1653.8	1651.1	1655.6	1663.8	1670.2
27.5°	1602.8	1598.2	1605.5	1614.6	1620.1
30°	1544.5	1545.4	1552.7	1561.8	1567.2
32.5°	1487.1	1486.1	1495.3	1506.2	1511.7
35°	1425.1	1425.1	1436.0	1447.9	1452.4
37.5°	1360.4	1363.1	1374.1	1385.0	1390.5
40°	1294.8	1298.4	1309.4	1321.2	1325.8
42.5°	1227.4	1231.0	1242.9	1255.6	1259.3
45°	1161.8	1162.7	1175.4	1189.1	1190.9
47.5°	1090.7	1091.6	1105.3	1118.9	1121.7
50°	1020.5	1021.4	1035.1	1049.7	1051.5
52.5°	949.5	950.4	962.2	979.5	983.2
55°	877.5	877.5	891.1	909.4	913.0
57.5°	805.5	805.5	820.1	839.2	843.8
60°	731.7	733.5	751.7	770.0	776.3
62.5°	660.6	662.4	682.5	701.6	709.8
65°	589.5	592.3	616.0	638.7	648.8
67.5°	520.3	523.9	551.3	580.4	589.5
70°	451.0	458.3	491.1	523.0	533.0
72.5°	384.5	392.7	436.5	470.2	479.3
75°	319.8	332.6	383.6	418.2	428.3
77.5°	257.0	276.1	334.4	371.8	380.9
80°	197.7	226.0	288.8	326.2	336.2
82.5°	147.6	179.5	246.9	285.2	294.3
85°	103.0	141.2	206.8	246.0	256.0
87.5°	66.5	108.4	171.3	209.6	220.5
90°	36.4	80.2	139.4	175.9	186.8
92.5°	32.8	58.3	111.2	145.8	156.7
95°	30.1	41.0	85.7	118.5	129.4
97.5°	27.3	27.3	63.8	93.9	103.9
100°	25.5	20.0	45.6	72.0	82.0
102.5°	22.8	18.2	30.1	52.8	62.0
105°	21.0	16.4	18.2	36.4	43.7
107.5°	19.1	14.6	9.1	22.8	29.2
110°	17.3	13.7	7.3	10.9	17.3

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CATALOG NUMBER: 14-ID2-55-CNV-L830-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*15.5*	11.8	6.4	2.7	6.4
115°	*13.7*	10.9	5.5	0.0	0.0
117.5°	*11.8*	10.0	4.6	0.0	0.0
120°	*10.9*	8.2	4.6	0.0	0.0
122.5°	*10.0*	7.3	3.6	0.0	0.0
125°	*8.2*	6.4	2.7	0.0	0.0
127.5°	*7.3*	5.5	2.7	0.0	0.0
130°	*6.4*	5.5	1.8	0.0	0.0
132.5°	*5.5*	4.6	1.8	0.0	0.0
135°	*4.6*	3.6	1.8	0.0	0.0
137.5°	*4.6*	3.6	0.9	0.0	0.0
140°	*3.6*	2.7	0.9	0.0	0.0
142.5°	*2.7*	1.8	0.9	0.0	0.0
145°	*2.7*	1.8	0.0	0.0	0.0
147.5°	*1.8*	1.8	0.0	0.0	0.0
150°	*1.8*	0.9	0.0	0.0	0.0
152.5°	*0.0*	0.0	0.0	0.0	0.0
155°	*0.0*	0.0	0.0	0.0	0.0
157.5°	*0.0*	0.0	0.0	0.0	0.0
160°	*0.0*	0.0	0.0	0.0	0.0
162.5°	*0.0*	0.0	0.0	0.0	0.0
165°	*0.0*	0.0	0.0	0.0	0.0
167.5°	*0.0*	0.0	0.0	0.0	0.0
170°	*0.0*	0.0	0.0	0.0	0.0
172.5°	*0.0*	0.0	0.0	0.0	0.0
175°	*0.0*	0.0	0.0	0.0	0.0
177.5°	*0.0*	0.0	0.0	0.0	0.0
180°	*0.0*	0.0	0.0	0.0	0.0

TEST NUMBER: P1217225
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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	15.74	17.33	16.14	17.70	18.08	16.38	17.98	16.79	18.34	18.72
	3H	17.34	18.78	17.76	19.16	19.58	18.36	19.81	18.78	20.18	20.60
	4H	17.91	19.27	18.35	19.67	20.11	19.26	20.62	19.69	21.02	21.45
	6H	18.31	19.58	18.76	19.99	20.44	20.13	21.40	20.58	21.81	22.26
	8H	18.43	19.64	18.89	20.08	20.54	20.55	21.76	21.01	22.20	22.66
	12H	18.51	19.67	18.98	20.10	20.59	20.99	22.16	21.46	22.59	23.07
4H	2H	16.38	17.75	16.82	18.15	18.58	16.90	18.26	17.33	18.66	19.09
	3H	18.20	19.36	18.65	19.80	20.26	19.10	20.26	19.55	20.70	21.16
	4H	18.89	19.95	19.36	20.40	20.90	20.16	21.21	20.63	21.67	22.16
	6H	19.42	20.34	19.91	20.83	21.34	21.21	22.14	21.70	22.62	23.13
	8H	19.59	20.46	20.09	20.94	21.46	21.72	22.59	22.22	23.08	23.60
	12H	19.72	20.50	20.23	21.02	21.54	22.27	23.06	22.79	23.57	24.10
8H	4H	19.32	20.19	19.82	20.68	21.20	20.43	21.30	20.93	21.79	22.31
	6H	19.99	20.72	20.52	21.25	21.78	21.65	22.38	22.18	22.91	23.44
	8H	20.25	20.91	20.79	21.45	21.99	22.30	22.96	22.84	23.50	24.04
	12H	20.46	21.04	21.00	21.57	22.19	23.01	23.60	23.55	24.13	24.74
12H	4H	19.41	20.20	19.93	20.72	21.24	20.45	21.24	20.97	21.76	22.28
	6H	20.15	20.81	20.69	21.35	21.89	21.71	22.37	22.25	22.92	23.46
	8H	20.48	21.07	21.02	21.60	22.21	22.43	23.02	22.97	23.55	24.16

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Corelite

Report Number: SP1-2506-458-3

Test Date: 07/24/2025

Luminaire Tested: 22ID2-55-CFR1-L830-U

Data in this report applies to families of products including 22ID2-55-CFR1-L830-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

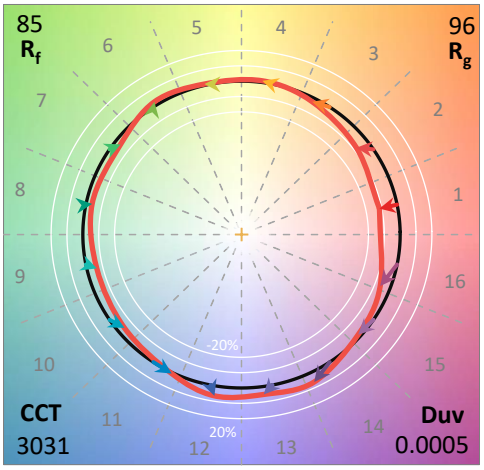
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-458-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Corelite
Catalog Number:	**22ID2-55-CFR1-L830-U**
Description:	2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 3000K 80CRI

Spectral Parameters

CCT (K):	3031	CRI (Ra):	82.5		
CIE u':	0.2493	R1:	80.7	R9:	5.8
CIE v':	0.5215	R2:	90.5	R10:	78.6
Duv:	0.0005	R3:	96.7	R11:	80.2
CIE x:	0.4355	R4:	80.7	R12:	69.8
CIE y:	0.4049	R5:	80.9	R13:	83.0
CIE z:	0.1596	R6:	88.5	R14:	98.8
Peak Wavelength (nm):	603	R7:	83.0	R15:	73.0
Dominant Wavelength (nm):	582	R8:	58.8		
Purity:	52.24762				

Rf:	84.8
Rg:	95.8



Test Conditions

Stabilization Time:	38M
Operation Time:	1H 38M
Sphere Temperature (°C):	24.0

REPORT NUMBER: SP1-2506-458-3

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

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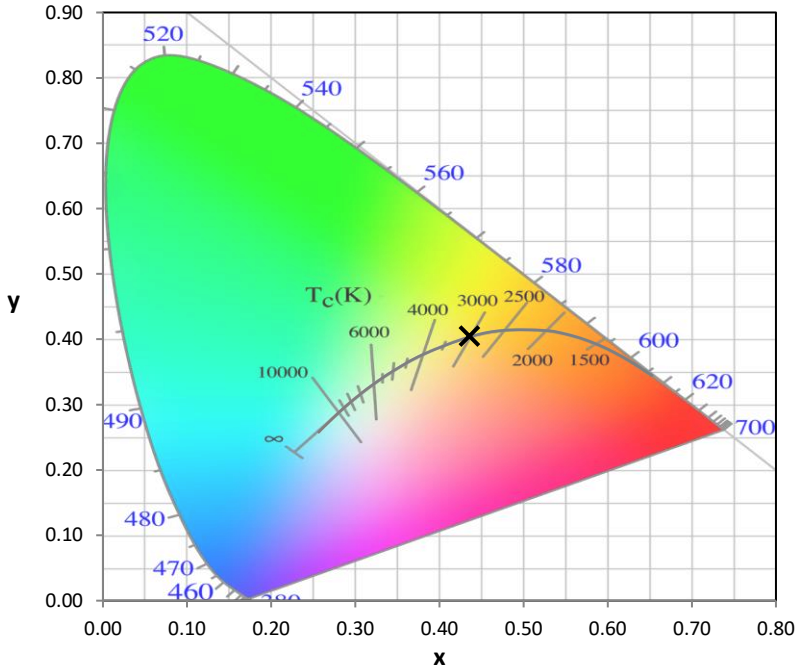
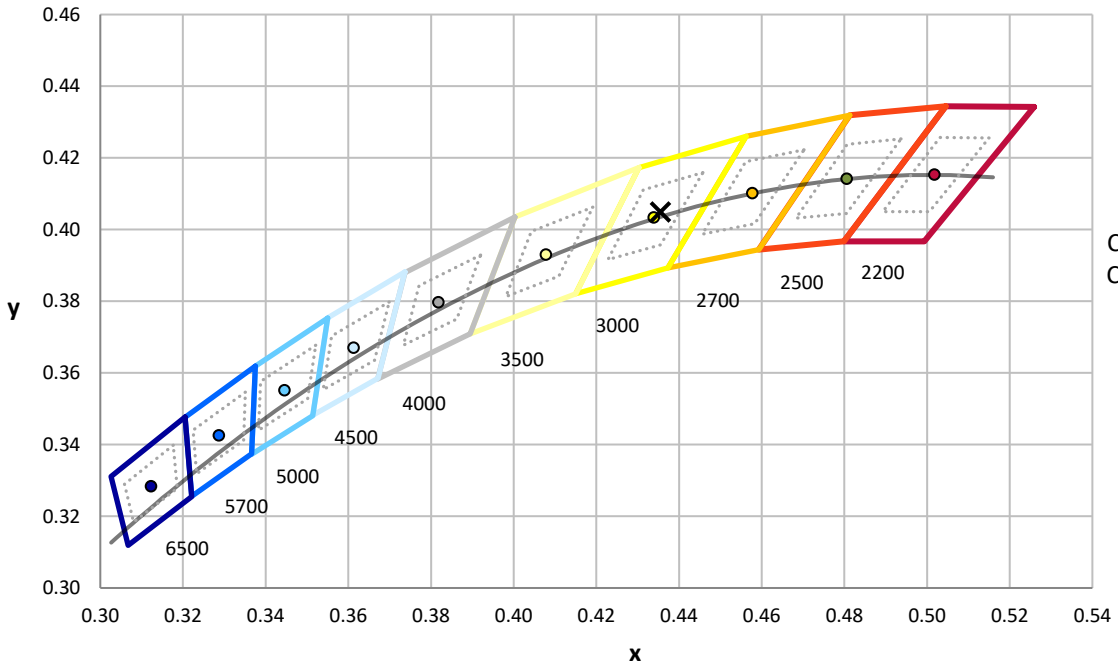
CIE 1931 Chromaticity Diagram



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

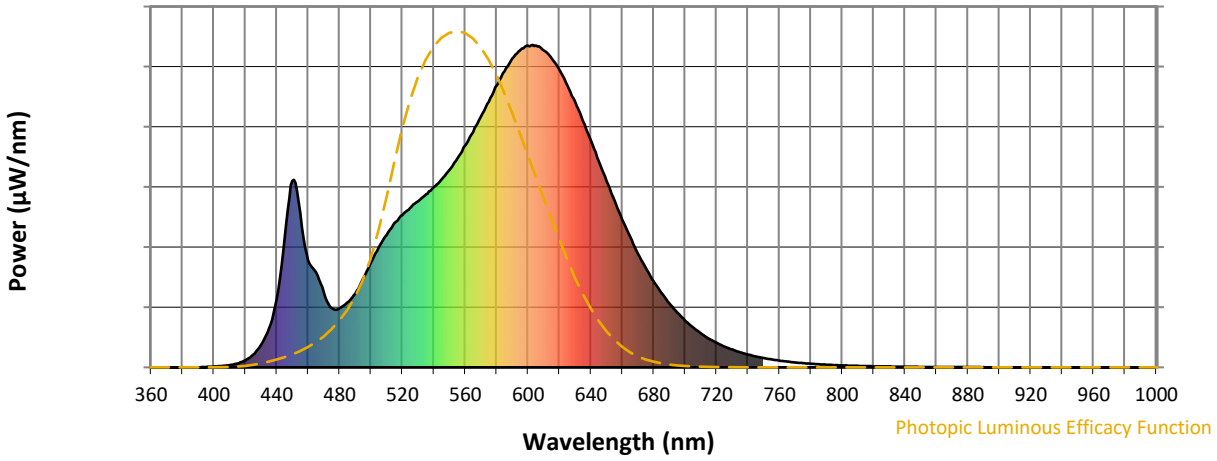


CCT = 3031K
CIE x = 0.4355
CIE y = 0.4049
Duv = 0.0005

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-3

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	229	NR	620	922	NR	750	29	NR	880	1	NR
365	0	NR	495	275	NR	625	875	NR	755	25	NR	885	1	NR
370	0	NR	500	326	NR	630	822	NR	760	21	NR	890	1	NR
375	0	NR	505	372	NR	635	764	NR	765	18	NR	895	0	NR
380	0	NR	510	411	NR	640	704	NR	770	15	NR	900	0	NR
385	0	NR	515	447	NR	645	638	NR	775	13	NR	905	0	NR
390	0	NR	520	473	NR	650	577	NR	780	11	NR	910	0	NR
395	1	NR	525	495	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	515	NR	660	457	NR	790	8	NR	920	0	NR
405	4	NR	535	537	NR	665	404	NR	795	7	NR	925	0	NR
410	7	NR	540	559	NR	670	353	NR	800	6	NR	930	0	NR
415	12	NR	545	584	NR	675	307	NR	805	5	NR	935	0	NR
420	22	NR	550	612	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	648	NR	685	230	NR	815	4	NR	945	0	NR
430	69	NR	560	688	NR	690	199	NR	820	3	NR	950	0	NR
435	120	NR	565	730	NR	695	170	NR	825	3	NR	955	0	NR
440	212	NR	570	777	NR	700	145	NR	830	3	NR	960	0	NR
445	400	NR	575	824	NR	705	124	NR	835	2	NR	965	0	NR
450	578	NR	580	873	NR	710	106	NR	840	2	NR	970	0	NR
455	478	NR	585	918	NR	715	90	NR	845	2	NR	975	0	NR
460	332	NR	590	958	NR	720	76	NR	850	1	NR	980	0	NR
465	295	NR	595	983	NR	725	65	NR	855	1	NR	985	0	NR
470	231	NR	600	997	NR	730	55	NR	860	1	NR	990	0	NR
475	183	NR	605	998	NR	735	47	NR	865	1	NR	995	0	NR
480	184	NR	610	982	NR	740	40	NR	870	1	NR	1000	0	NR
485	201	NR	615	958	NR	745	34	NR	875	1	NR			

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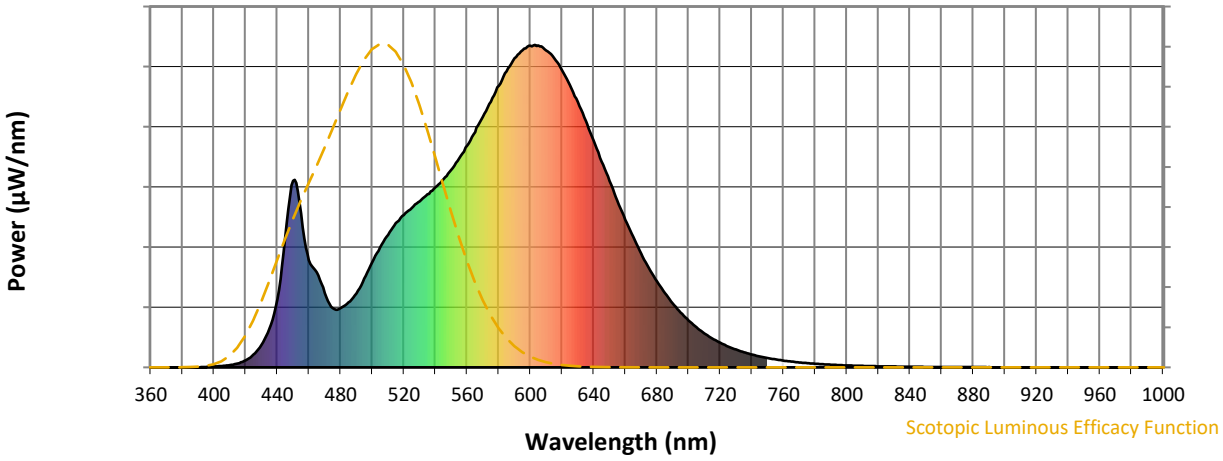
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.35**

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	229	NR	620	922	NR	750	29	NR	880	1	NR
365	0	NR	495	275	NR	625	875	NR	755	25	NR	885	1	NR
370	0	NR	500	326	NR	630	822	NR	760	21	NR	890	1	NR
375	0	NR	505	372	NR	635	764	NR	765	18	NR	895	0	NR
380	0	NR	510	411	NR	640	704	NR	770	15	NR	900	0	NR
385	0	NR	515	447	NR	645	638	NR	775	13	NR	905	0	NR
390	0	NR	520	473	NR	650	577	NR	780	11	NR	910	0	NR
395	1	NR	525	495	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	515	NR	660	457	NR	790	8	NR	920	0	NR
405	4	NR	535	537	NR	665	404	NR	795	7	NR	925	0	NR
410	7	NR	540	559	NR	670	353	NR	800	6	NR	930	0	NR
415	12	NR	545	584	NR	675	307	NR	805	5	NR	935	0	NR
420	22	NR	550	612	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	648	NR	685	230	NR	815	4	NR	945	0	NR
430	69	NR	560	688	NR	690	199	NR	820	3	NR	950	0	NR
435	120	NR	565	730	NR	695	170	NR	825	3	NR	955	0	NR
440	212	NR	570	777	NR	700	145	NR	830	3	NR	960	0	NR
445	400	NR	575	824	NR	705	124	NR	835	2	NR	965	0	NR
450	578	NR	580	873	NR	710	106	NR	840	2	NR	970	0	NR
455	478	NR	585	918	NR	715	90	NR	845	2	NR	975	0	NR
460	332	NR	590	958	NR	720	76	NR	850	1	NR	980	0	NR
465	295	NR	595	983	NR	725	65	NR	855	1	NR	985	0	NR
470	231	NR	600	997	NR	730	55	NR	860	1	NR	990	0	NR
475	183	NR	605	998	NR	735	47	NR	865	1	NR	995	0	NR
480	184	NR	610	982	NR	740	40	NR	870	1	NR	1000	0	NR
485	201	NR	615	958	NR	745	34	NR	875	1	NR			

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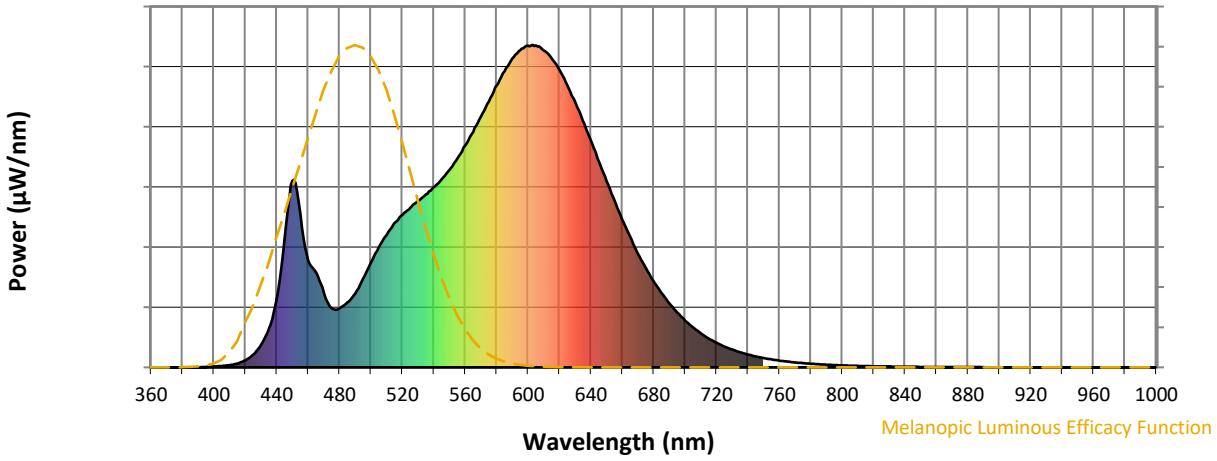
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.59**

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	229	NR	620	922	NR	750	29	NR	880	1	NR
365	0	NR	495	275	NR	625	875	NR	755	25	NR	885	1	NR
370	0	NR	500	326	NR	630	822	NR	760	21	NR	890	1	NR
375	0	NR	505	372	NR	635	764	NR	765	18	NR	895	0	NR
380	0	NR	510	411	NR	640	704	NR	770	15	NR	900	0	NR
385	0	NR	515	447	NR	645	638	NR	775	13	NR	905	0	NR
390	0	NR	520	473	NR	650	577	NR	780	11	NR	910	0	NR
395	1	NR	525	495	NR	655	517	NR	785	10	NR	915	0	NR
400	3	NR	530	515	NR	660	457	NR	790	8	NR	920	0	NR
405	4	NR	535	537	NR	665	404	NR	795	7	NR	925	0	NR
410	7	NR	540	559	NR	670	353	NR	800	6	NR	930	0	NR
415	12	NR	545	584	NR	675	307	NR	805	5	NR	935	0	NR
420	22	NR	550	612	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	648	NR	685	230	NR	815	4	NR	945	0	NR
430	69	NR	560	688	NR	690	199	NR	820	3	NR	950	0	NR
435	120	NR	565	730	NR	695	170	NR	825	3	NR	955	0	NR
440	212	NR	570	777	NR	700	145	NR	830	3	NR	960	0	NR
445	400	NR	575	824	NR	705	124	NR	835	2	NR	965	0	NR
450	578	NR	580	873	NR	710	106	NR	840	2	NR	970	0	NR
455	478	NR	585	918	NR	715	90	NR	845	2	NR	975	0	NR
460	332	NR	590	958	NR	720	76	NR	850	1	NR	980	0	NR
465	295	NR	595	983	NR	725	65	NR	855	1	NR	985	0	NR
470	231	NR	600	997	NR	730	55	NR	860	1	NR	990	0	NR
475	183	NR	605	998	NR	735	47	NR	865	1	NR	995	0	NR
480	184	NR	610	982	NR	740	40	NR	870	1	NR	1000	0	NR
485	201	NR	615	958	NR	745	34	NR	875	1	NR			

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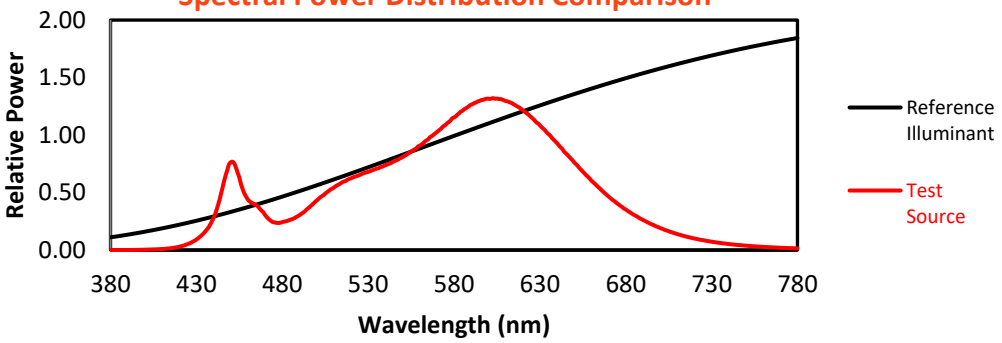
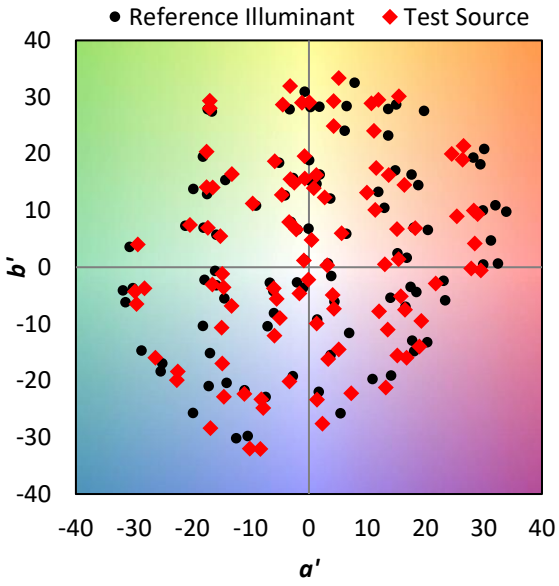
Summary

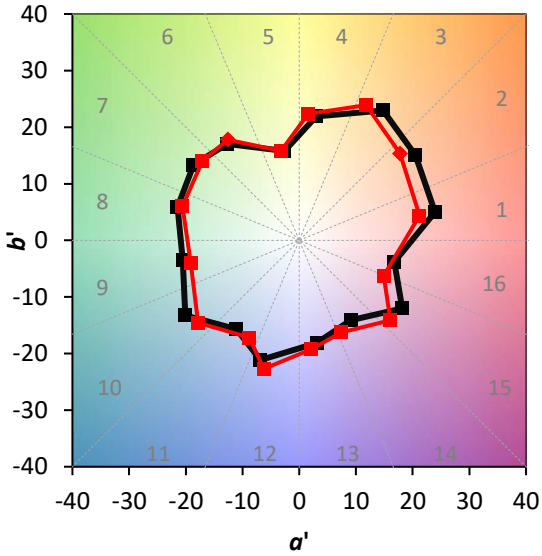
R_f = 84.8
R_g = 95.8
CIE R_a = 82.5
R_9 = 5.8

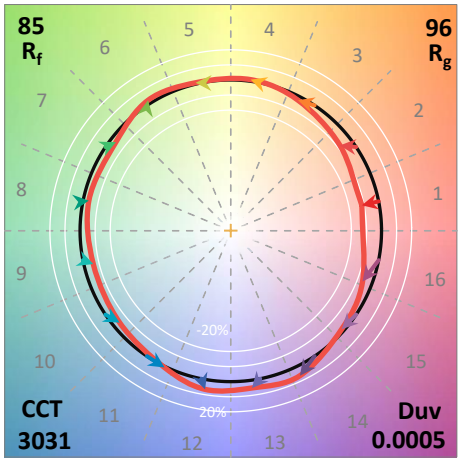
Spectral Power Distribution Comparison

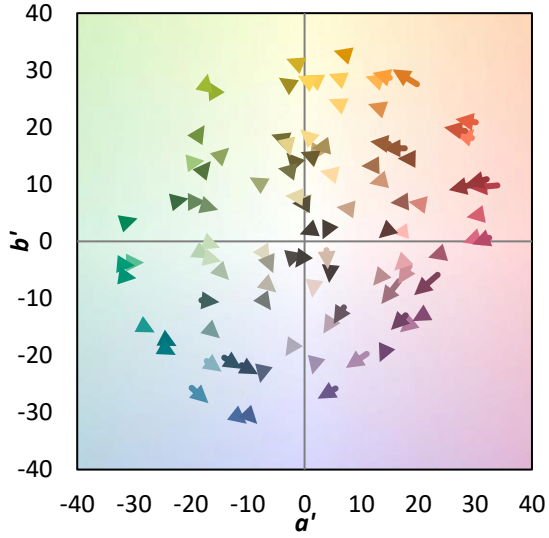


Color Vector Graphics









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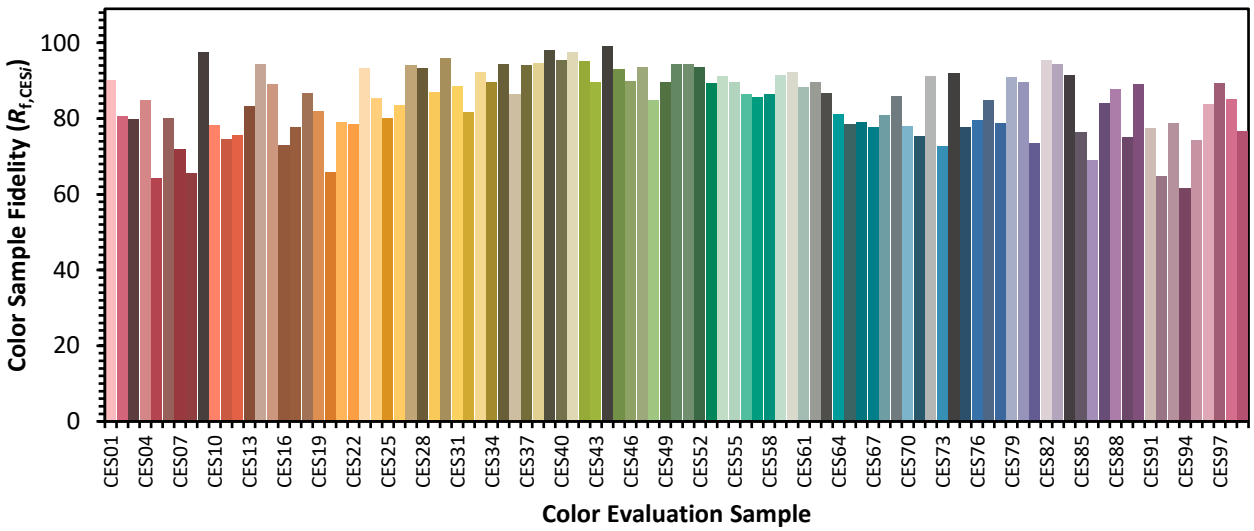
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 84	CES51 = 94	CES76 = 80
CES02 = 63	CES27 = 94	CES52 = 94	CES77 = 85
CES03 = 31	CES28 = 93	CES53 = 89	CES78 = 79
CES04 = 70	CES29 = 87	CES54 = 91	CES79 = 91
CES05 = 50	CES30 = 96	CES55 = 90	CES80 = 90
CES06 = 51	CES31 = 89	CES56 = 87	CES81 = 74
CES07 = 42	CES32 = 82	CES57 = 86	CES82 = 95
CES08 = 41	CES33 = 92	CES58 = 87	CES83 = 94
CES09 = 29	CES34 = 90	CES59 = 91	CES84 = 92
CES10 = 76	CES35 = 94	CES60 = 92	CES85 = 77
CES11 = 59	CES36 = 86	CES61 = 88	CES86 = 69
CES12 = 65	CES37 = 94	CES62 = 90	CES87 = 84
CES13 = 43	CES38 = 95	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 81	CES89 = 75
CES15 = 72	CES40 = 95	CES65 = 79	CES90 = 89
CES16 = 47	CES41 = 97	CES66 = 79	CES91 = 77
CES17 = 50	CES42 = 95	CES67 = 78	CES92 = 65
CES18 = 56	CES43 = 90	CES68 = 81	CES93 = 79
CES19 = 72	CES44 = 99	CES69 = 86	CES94 = 62
CES20 = 67	CES45 = 93	CES70 = 78	CES95 = 74
CES21 = 87	CES46 = 90	CES71 = 75	CES96 = 84
CES22 = 79	CES47 = 94	CES72 = 91	CES97 = 89
CES23 = 92	CES48 = 85	CES73 = 73	CES98 = 85
CES24 = 91	CES49 = 90	CES74 = 92	CES99 = 77
CES25 = 72	CES50 = 94	CES75 = 78	



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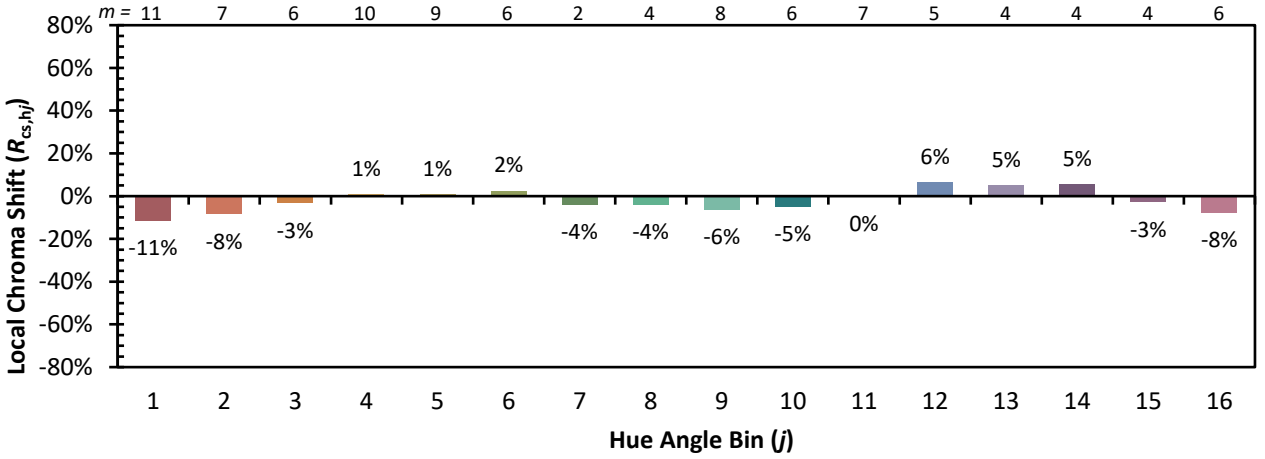
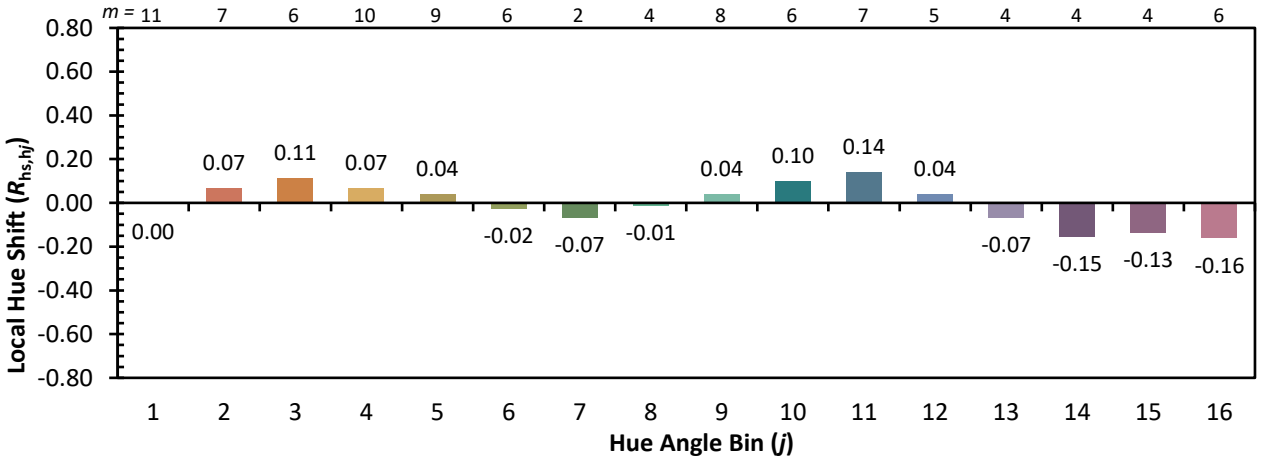
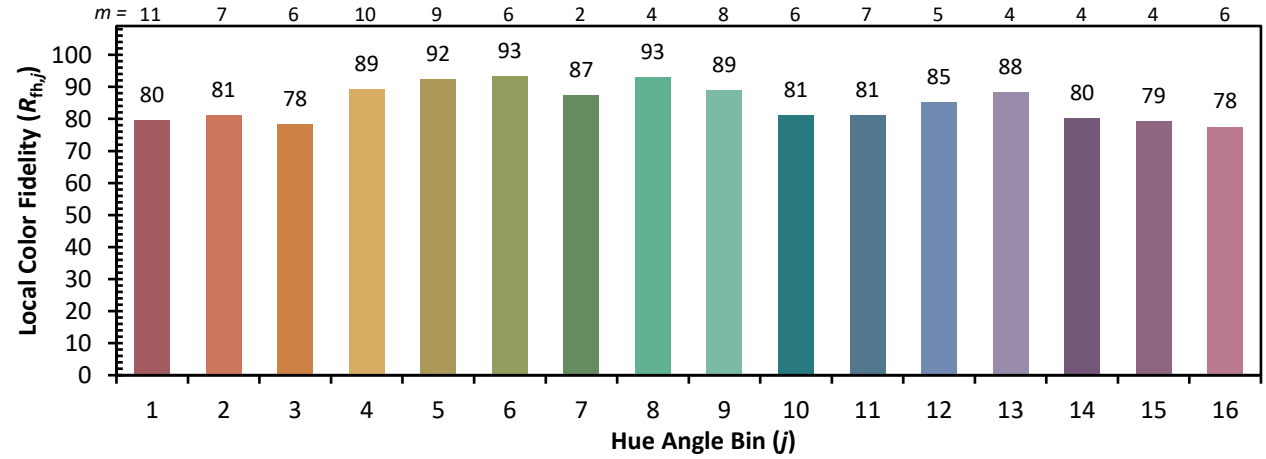
Color Rendition by Hue-Angle Bin







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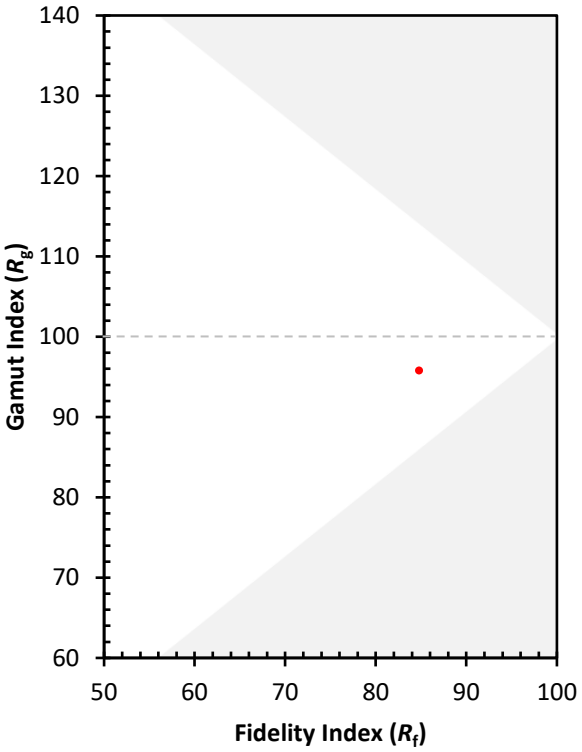
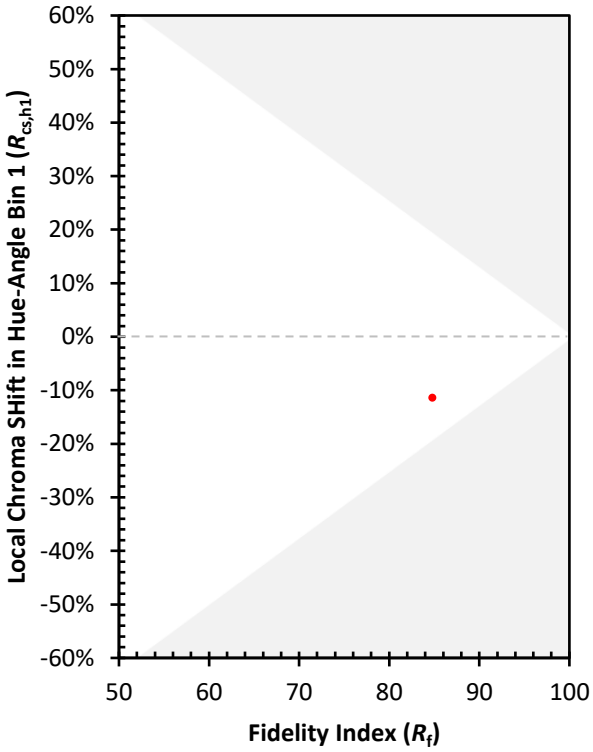
Measure Comparisons





(END OF REPORT)