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: P1214994

Luminaire Tested: 22-ID2-25-CNV-L835-U

Issue Date: 12/4/2025

Report Generated By 670265710 / DESKTOP-98SHLC4

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

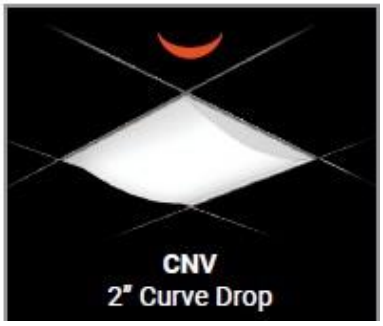
Test Information

Test Method:	LM-79-2019
Report Number:	P1214994
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2506-458-15)
Test Lab:	INNOVATION CENTER
Issue Date:	12/4/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	22-ID2-25-CNV-L835-U
Description:	2X2 IN DEPTH TROFFER WITH 2INCH CURVE DROP
Light Source:	3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2793.3 lumens
Efficiency:	N/A
Efficacy:	128.1 lumens/watt
Spacing Criteria (0/90/45):	1.19 / 1.2 / 1.31
Luminous Opening:	Rectangular w/ Sides (W: 2' x L: 2' x H: 0.16')
CIE Type:	Direct

Input Watts (W):	21.8
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

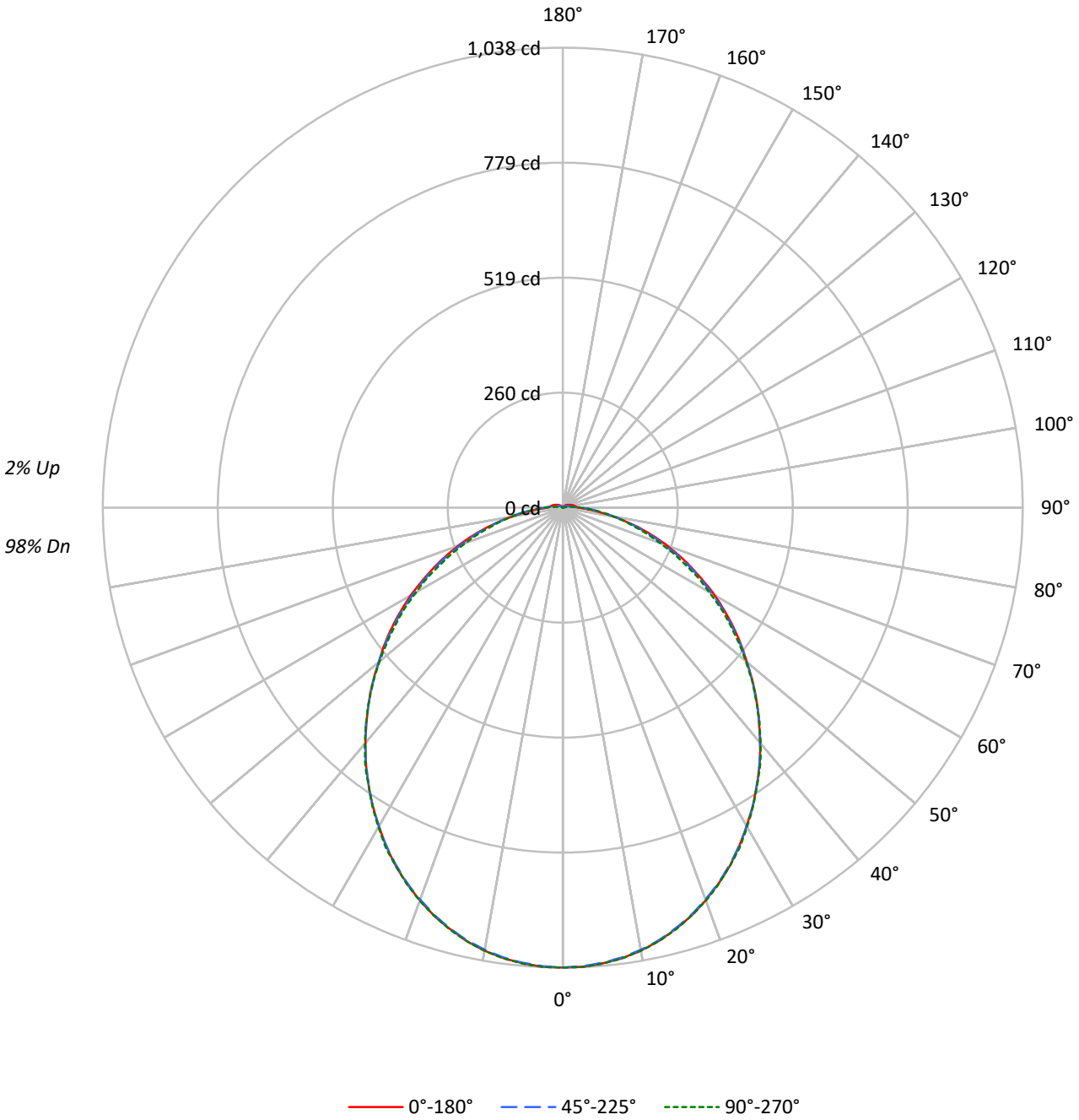


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	77	74	70	68
3	90	79	71	65	87	77	70	64	74	68	62	71	66	61	68	64	60	58
4	82	70	62	55	80	69	61	54	66	59	53	64	57	52	61	56	52	49
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	55	50	45	43
6	70	57	48	42	68	56	47	41	54	46	41	52	45	40	50	44	40	38
7	65	52	43	37	63	51	42	37	49	42	36	47	41	36	46	40	35	33
8	61	47	39	33	59	46	38	33	45	38	32	43	37	32	42	36	32	30
9	57	43	35	30	55	43	35	30	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2793	2793	2793
5°	2770	2758	2771
10°	2736	2714	2737
15°	2685	2658	2688
20°	2624	2589	2627
25°	2553	2510	2553
30°	2465	2421	2471
35°	2376	2326	2378
40°	2281	2223	2287
45°	2181	2113	2178
50°	2072	2001	2061
55°	1979	1882	1941
60°	1873	1752	1802
65°	1745	1620	1661
70°	1618	1463	1507
75°	1454	1295	1356
80°	1232	1128	1250
85°	1026	998	1184

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2181 cd/sqm

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.0	3.5
10°-20°	277.3	9.9
20°-30°	410.2	14.7
30°-40°	478.0	17.1
40°-50°	477.3	17.1
50°-60°	416.7	14.9
60°-70°	312.3	11.2
70°-80°	188.2	6.7
80°-90°	81.2	2.9
90°-100°	26.8	1.0
100°-110°	12.4	0.4
110°-120°	7.6	0.3
120°-130°	4.2	0.1
130°-140°	2.0	0.1
140°-150°	0.7	0.0
150°-160°	0.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	785.5	28.1
0°-40°	1263.6	45.2
0°-60°	2157.5	77.2
0°-90°	2739.2	98.1
90°-120°	46.8	1.7
90°-150°	53.8	1.9
90°-180°	54.0	1.9
0°-180°	2793.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1038	1038	1038	1038	1038	
5°	1032	1032	1031	1032	1033	98
15°	984	984	983	984	986	278
25°	892	890	890	892	892	410
35°	764	763	764	766	764	478
45°	619	619	618	620	618	477
55°	470	468	466	464	461	420
65°	321	319	316	311	306	319
75°	182	180	177	175	169	192
85°	64	67	74	76	73	63
90°	34	38	42	43	40	20
95°	29	26	23	20	17	23
105°	22	19	12	4	0	23
115°	15	13	8	2	0	15
125°	10	8	5	0	0	9
135°	6	5	2	0	0	4
145°	2	2	1	0	0	2
155°	1	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	

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*1037.8*	*1037.8*	*1037.8*	*1037.8*	*1037.8*
2.5°	*1037.1*	1036.4	1035.7	1036.4	1037.5
5°	*1032.5*	1031.8	1031.1	1032.5	1032.9
7.5°	*1025.5*	1024.8	1023.8	1024.8	1025.9
10°	*1015.3*	1014.3	1013.2	1014.3	1015.7
12.5°	*1002.0*	1001.6	1000.2	1000.9	1002.0
15°	*984.4*	984.1	983.0	984.4	985.5
17.5°	*965.8*	964.0	963.7	964.7	965.8
20°	*943.0*	942.3	941.2	943.0	944.0
22.5°	*918.4*	918.4	917.3	918.4	919.4
25°	*892.0*	890.3	889.9	892.4	892.0
27.5°	*861.8*	862.5	861.4	862.2	865.0
30°	*829.8*	830.2	830.2	831.6	831.9
32.5°	*797.9*	798.2	798.6	798.9	799.3
35°	*763.8*	763.4	764.1	765.5	764.5
37.5°	*729.7*	728.6	729.0	729.4	732.2
40°	*692.8*	692.5	692.8	694.9	694.6
42.5°	*655.2*	655.2	657.0	657.7	656.6
45°	*619.0*	618.7	618.0	619.7	618.0
47.5°	*581.4*	580.4	580.0	581.4	579.7
50°	*542.1*	543.1	542.4	541.4	539.3
52.5°	*507.0*	505.9	504.5	503.1	499.9
55°	*470.1*	468.3	465.9	464.1	460.9
57.5°	*432.5*	430.4	427.9	424.8	423.3
60°	*396.3*	392.8	389.3	386.8	381.2
62.5°	*357.3*	356.6	352.0	349.2	346.1
65°	*321.1*	318.7	316.2	310.6	305.7
67.5°	*285.3*	284.2	279.0	274.7	270.2
70°	*250.8*	247.3	243.8	239.6	233.6
72.5°	*216.1*	214.0	209.7	205.2	200.6
75°	*181.6*	180.2	177.1	174.6	169.3
77.5°	*146.9*	146.9	147.2	146.2	142.6
80°	*115.6*	117.7	119.5	120.2	117.3
82.5°	*87.8*	89.9	95.9	97.7	94.2
85°	*63.6*	67.1	74.1	75.9	73.4
87.5°	*45.3*	50.6	56.2	58.3	55.9
90°	*33.7*	37.9	42.2	42.9	40.4
92.5°	*30.9*	29.9	30.9	30.2	27.8
95°	*28.8*	25.6	22.8	20.0	17.2
97.5°	*27.1*	23.9	17.2	12.3	9.8
100°	*25.3*	22.1	14.4	7.0	3.9
102.5°	*23.5*	20.7	13.4	4.6	0.7
105°	*21.8*	19.0	11.9	3.9	0.4
107.5°	*20.0*	17.6	10.9	3.2	0.4
110°	*18.3*	16.2	9.8	2.8	0.4

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*16.9*	14.8	8.8	2.1	0.0
115°	*15.1*	13.0	8.1	1.8	0.0
117.5°	*13.7*	11.9	7.0	1.4	0.0
120°	*12.3*	10.5	6.3	1.1	0.0
122.5°	*10.9*	9.5	5.3	0.7	0.0
125°	*9.8*	8.4	4.6	0.4	0.0
127.5°	*8.4*	7.4	3.9	0.4	0.0
130°	*7.4*	6.3	3.5	0.4	0.4
132.5°	*6.7*	5.6	2.8	0.4	0.4
135°	*5.6*	4.6	2.1	0.4	0.4
137.5°	*4.9*	3.9	1.8	0.4	0.4
140°	*3.9*	3.2	1.4	0.4	0.4
142.5°	*3.2*	2.5	1.1	0.4	0.4
145°	*2.5*	2.1	0.7	0.4	0.4
147.5°	*1.8*	1.4	0.4	0.4	0.4
150°	*1.4*	1.1	0.4	0.4	0.4
152.5°	*1.1*	0.7	0.4	0.4	0.4
155°	*0.7*	0.4	0.4	0.4	0.4
157.5°	*0.4*	0.4	0.4	0.4	0.4
160°	*0.4*	0.4	0.4	0.4	0.4
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: P1214994
CATALOG NUMBER: 22-ID2-25-CNV-L835-U

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	14.03	15.61	14.43	15.97	16.33	13.93	15.51	14.32	15.86	16.23
	3H	15.77	17.20	16.17	17.56	17.97	15.57	17.00	15.98	17.37	17.78
	4H	16.42	17.77	16.85	18.16	18.58	16.19	17.54	16.62	17.93	18.35
	6H	16.91	18.16	17.35	18.56	19.00	16.70	17.95	17.14	18.36	18.79
	8H	17.07	18.27	17.53	18.70	19.14	16.90	18.10	17.36	18.52	18.97
	12H	17.20	18.35	17.66	18.77	19.24	17.07	18.22	17.53	18.64	19.12
4H	2H	14.59	15.94	15.02	16.33	16.75	14.51	15.86	14.94	16.25	16.67
	3H	16.54	17.67	16.98	18.11	18.56	16.37	17.50	16.81	17.94	18.39
	4H	17.32	18.35	17.78	18.80	19.28	17.12	18.15	17.58	18.60	19.08
	6H	17.94	18.84	18.42	19.32	19.82	17.77	18.67	18.25	19.15	19.65
	8H	18.15	19.00	18.64	19.48	19.99	18.03	18.87	18.52	19.35	19.86
	12H	18.33	19.09	18.84	19.60	20.12	18.26	19.03	18.78	19.54	20.05
8H	4H	17.60	18.44	18.09	18.92	19.43	17.42	18.26	17.91	18.74	19.25
	6H	18.34	19.04	18.86	19.57	20.09	18.20	18.91	18.72	19.43	19.95
	8H	18.63	19.27	19.17	19.81	20.34	18.55	19.19	19.09	19.73	20.26
	12H	18.90	19.46	19.44	19.99	20.59	18.90	19.46	19.43	19.99	20.59
12H	4H	17.63	18.39	18.14	18.90	19.42	17.45	18.21	17.96	18.73	19.24
	6H	18.40	19.03	18.93	19.57	20.10	18.26	18.90	18.80	19.44	19.97
	8H	18.76	19.32	19.29	19.84	20.45	18.68	19.25	19.22	19.77	20.38

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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

Report Prepared for

Cooper Lighting Solutions

Corelite

Report Number: SP1-2506-458-1

Test Date: 07/23/2025

Luminaire Tested: 22ID2-55-CFR1-L835-U

Data in this report applies to families of products including 22ID2-55-CFR1-L835-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

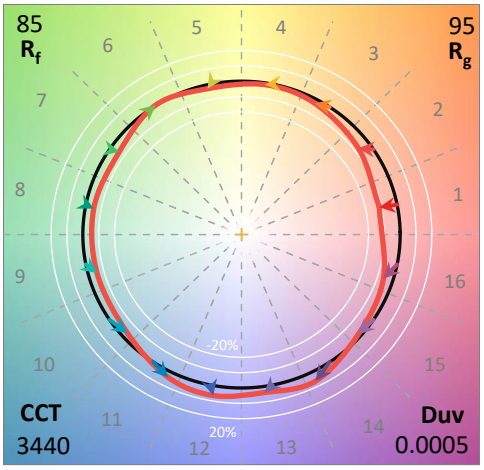
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-458-1
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-L835-U**
Description:	2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 3500K 80CRI

Spectral Parameters

CCT (K):	3440
CIE u':	0.2370
CIE v':	0.5132
Duv:	0.0005
CIE x:	0.4093
CIE y:	0.3940
CIE z:	0.1967
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	580
Purity:	41.09375
Rf:	84.9
Rg:	94.6

CRI (Ra):	84.2
R1:	82.8
R2:	91.7
R3:	96.7
R4:	81.9
R5:	82.6
R6:	88.8
R7:	85.0
R8:	63.7
R9:	13.6
R10:	80.1
R11:	81.1
R12:	65.8
R13:	85.2
R14:	98.7
R15:	76.2



Test Conditions

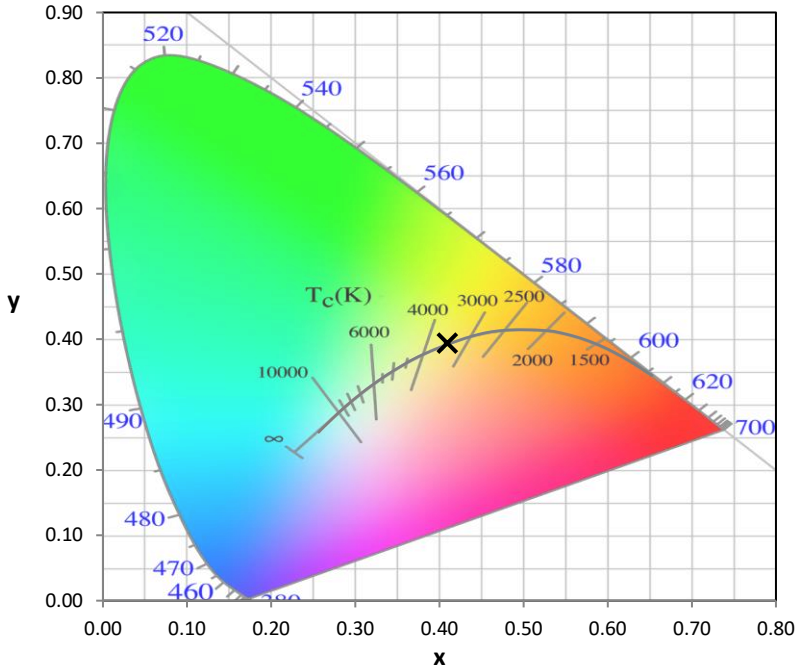
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	24.0

REPORT NUMBER: SP1-2506-458-1

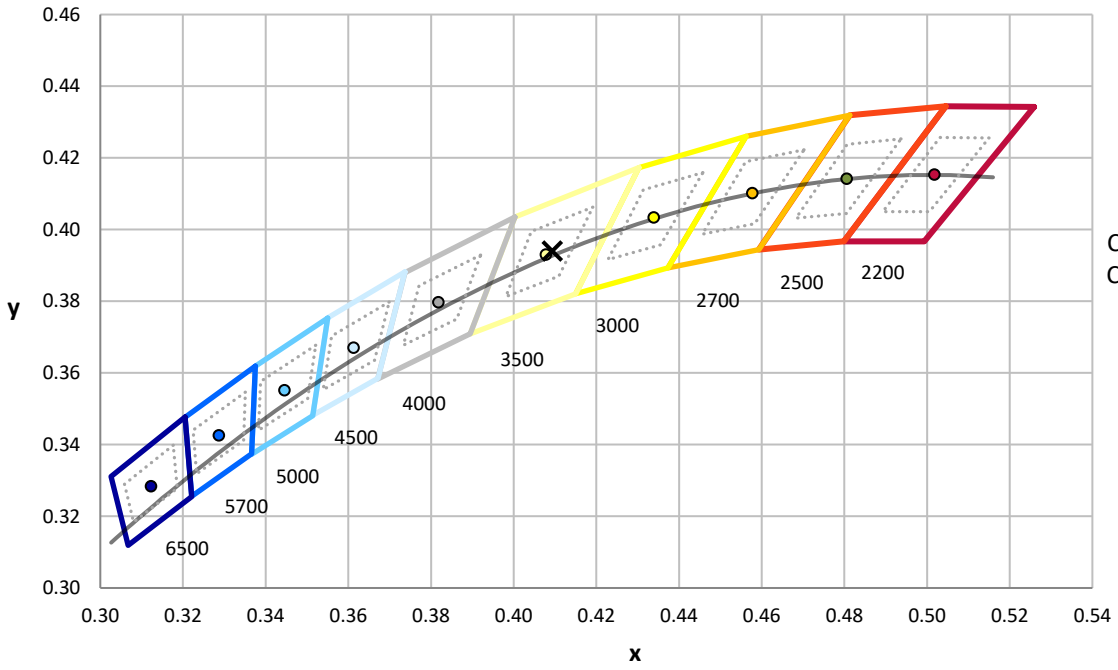
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-458-1

CIE 1931 Chromaticity Diagram



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

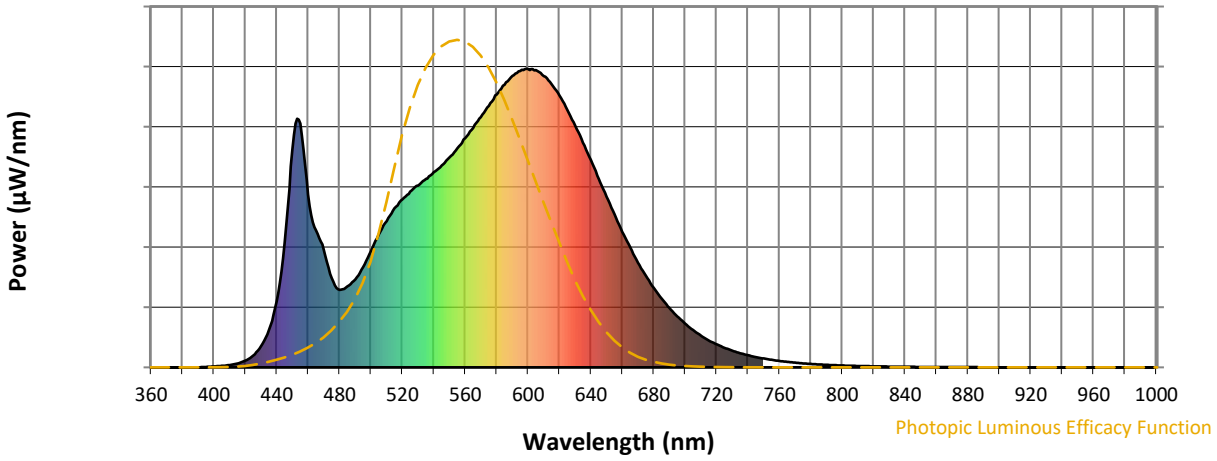


CCT = 3440K
CIE x = 0.4093
CIE y = 0.3940
Duv = 0.0005

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-1

Photopic Flux vs. Wavelength

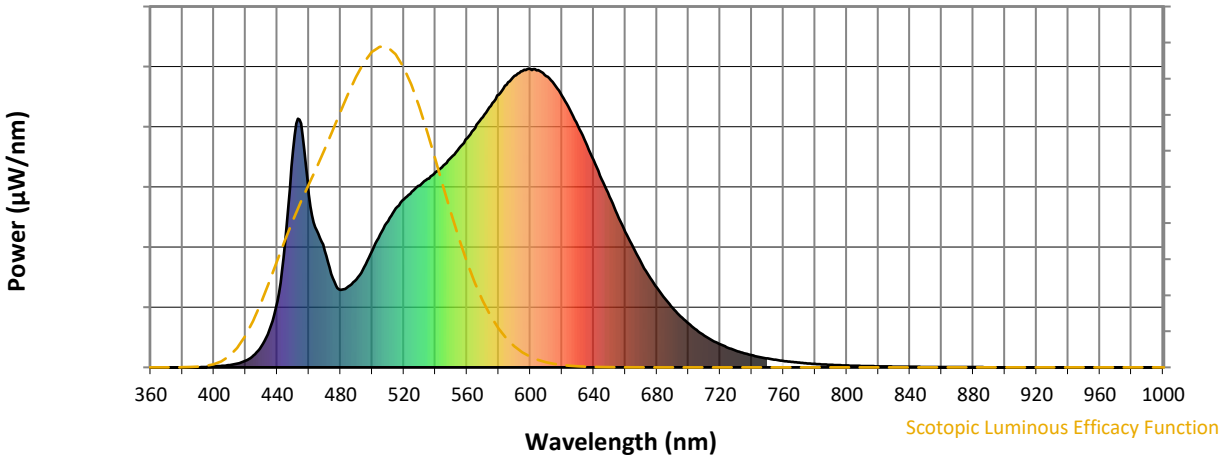


Photopic Lumens: NR

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	295	NR	620	910	NR	750	30	NR	880	1	NR
365	0	NR	495	335	NR	625	862	NR	755	25	NR	885	1	NR
370	0	NR	500	390	NR	630	809	NR	760	21	NR	890	1	NR
375	0	NR	505	445	NR	635	752	NR	765	18	NR	895	0	NR
380	0	NR	510	490	NR	640	694	NR	770	16	NR	900	0	NR
385	0	NR	515	532	NR	645	630	NR	775	13	NR	905	0	NR
390	0	NR	520	563	NR	650	571	NR	780	12	NR	910	0	NR
395	2	NR	525	588	NR	655	512	NR	785	10	NR	915	0	NR
400	3	NR	530	609	NR	660	453	NR	790	8	NR	920	0	NR
405	5	NR	535	631	NR	665	401	NR	795	7	NR	925	0	NR
410	8	NR	540	654	NR	670	351	NR	800	6	NR	930	0	NR
415	13	NR	545	677	NR	675	306	NR	805	5	NR	935	0	NR
420	23	NR	550	702	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	734	NR	685	230	NR	815	4	NR	945	0	NR
430	70	NR	560	767	NR	690	199	NR	820	4	NR	950	0	NR
435	126	NR	565	802	NR	695	171	NR	825	3	NR	955	0	NR
440	221	NR	570	838	NR	700	146	NR	830	3	NR	960	0	NR
445	418	NR	575	875	NR	705	125	NR	835	2	NR	965	0	NR
450	729	NR	580	913	NR	710	107	NR	840	2	NR	970	0	NR
455	816	NR	585	946	NR	715	90	NR	845	2	NR	975	0	NR
460	578	NR	590	976	NR	720	77	NR	850	1	NR	980	0	NR
465	458	NR	595	992	NR	725	66	NR	855	1	NR	985	0	NR
470	390	NR	600	999	NR	730	56	NR	860	1	NR	990	0	NR
475	299	NR	605	995	NR	735	47	NR	865	1	NR	995	0	NR
480	260	NR	610	975	NR	740	40	NR	870	1	NR	1000	0	NR
485	271	NR	615	948	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-1

Scotopic Flux vs. Wavelength

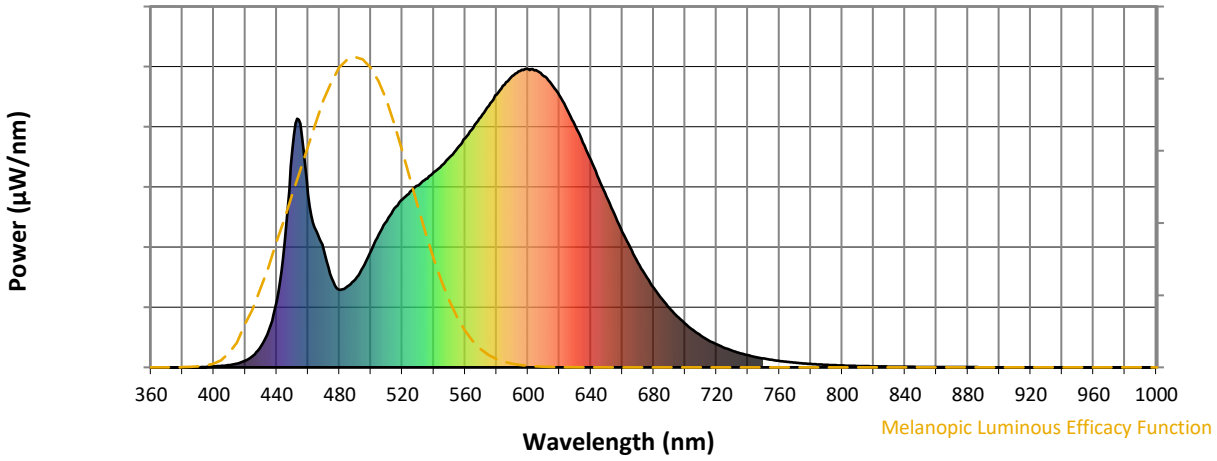


Scotopic Lumens: NR **S/P: 1.53**

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	295	NR	620	910	NR	750	30	NR	880	1	NR
365	0	NR	495	335	NR	625	862	NR	755	25	NR	885	1	NR
370	0	NR	500	390	NR	630	809	NR	760	21	NR	890	1	NR
375	0	NR	505	445	NR	635	752	NR	765	18	NR	895	0	NR
380	0	NR	510	490	NR	640	694	NR	770	16	NR	900	0	NR
385	0	NR	515	532	NR	645	630	NR	775	13	NR	905	0	NR
390	0	NR	520	563	NR	650	571	NR	780	12	NR	910	0	NR
395	2	NR	525	588	NR	655	512	NR	785	10	NR	915	0	NR
400	3	NR	530	609	NR	660	453	NR	790	8	NR	920	0	NR
405	5	NR	535	631	NR	665	401	NR	795	7	NR	925	0	NR
410	8	NR	540	654	NR	670	351	NR	800	6	NR	930	0	NR
415	13	NR	545	677	NR	675	306	NR	805	5	NR	935	0	NR
420	23	NR	550	702	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	734	NR	685	230	NR	815	4	NR	945	0	NR
430	70	NR	560	767	NR	690	199	NR	820	4	NR	950	0	NR
435	126	NR	565	802	NR	695	171	NR	825	3	NR	955	0	NR
440	221	NR	570	838	NR	700	146	NR	830	3	NR	960	0	NR
445	418	NR	575	875	NR	705	125	NR	835	2	NR	965	0	NR
450	729	NR	580	913	NR	710	107	NR	840	2	NR	970	0	NR
455	816	NR	585	946	NR	715	90	NR	845	2	NR	975	0	NR
460	578	NR	590	976	NR	720	77	NR	850	1	NR	980	0	NR
465	458	NR	595	992	NR	725	66	NR	855	1	NR	985	0	NR
470	390	NR	600	999	NR	730	56	NR	860	1	NR	990	0	NR
475	299	NR	605	995	NR	735	47	NR	865	1	NR	995	0	NR
480	260	NR	610	975	NR	740	40	NR	870	1	NR	1000	0	NR
485	271	NR	615	948	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2506-458-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.07**

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	295	NR	620	910	NR	750	30	NR	880	1	NR
365	0	NR	495	335	NR	625	862	NR	755	25	NR	885	1	NR
370	0	NR	500	390	NR	630	809	NR	760	21	NR	890	1	NR
375	0	NR	505	445	NR	635	752	NR	765	18	NR	895	0	NR
380	0	NR	510	490	NR	640	694	NR	770	16	NR	900	0	NR
385	0	NR	515	532	NR	645	630	NR	775	13	NR	905	0	NR
390	0	NR	520	563	NR	650	571	NR	780	12	NR	910	0	NR
395	2	NR	525	588	NR	655	512	NR	785	10	NR	915	0	NR
400	3	NR	530	609	NR	660	453	NR	790	8	NR	920	0	NR
405	5	NR	535	631	NR	665	401	NR	795	7	NR	925	0	NR
410	8	NR	540	654	NR	670	351	NR	800	6	NR	930	0	NR
415	13	NR	545	677	NR	675	306	NR	805	5	NR	935	0	NR
420	23	NR	550	702	NR	680	267	NR	810	5	NR	940	0	NR
425	40	NR	555	734	NR	685	230	NR	815	4	NR	945	0	NR
430	70	NR	560	767	NR	690	199	NR	820	4	NR	950	0	NR
435	126	NR	565	802	NR	695	171	NR	825	3	NR	955	0	NR
440	221	NR	570	838	NR	700	146	NR	830	3	NR	960	0	NR
445	418	NR	575	875	NR	705	125	NR	835	2	NR	965	0	NR
450	729	NR	580	913	NR	710	107	NR	840	2	NR	970	0	NR
455	816	NR	585	946	NR	715	90	NR	845	2	NR	975	0	NR
460	578	NR	590	976	NR	720	77	NR	850	1	NR	980	0	NR
465	458	NR	595	992	NR	725	66	NR	855	1	NR	985	0	NR
470	390	NR	600	999	NR	730	56	NR	860	1	NR	990	0	NR
475	299	NR	605	995	NR	735	47	NR	865	1	NR	995	0	NR
480	260	NR	610	975	NR	740	40	NR	870	1	NR	1000	0	NR
485	271	NR	615	948	NR	745	34	NR	875	1	NR			

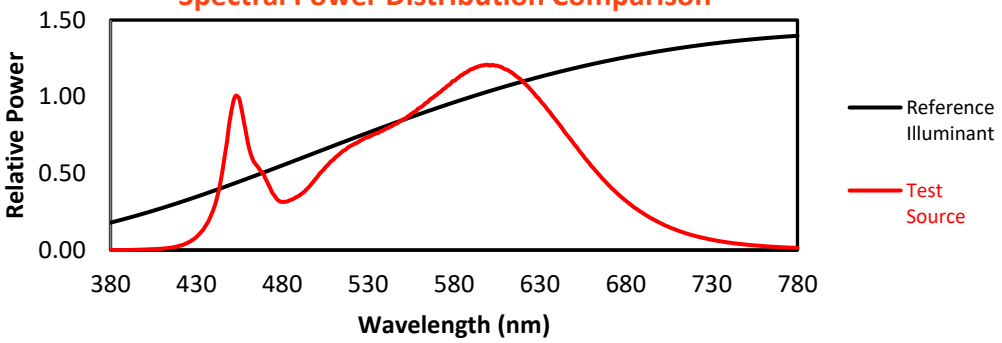
REPORT NUMBER: SP1-2506-458-1

TM-30-18

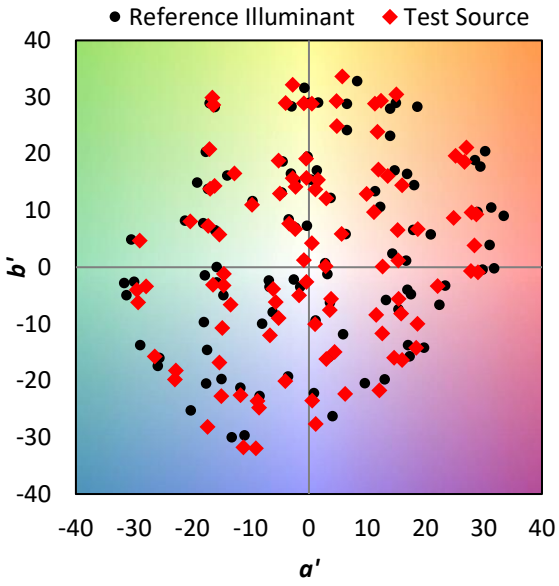
Summary

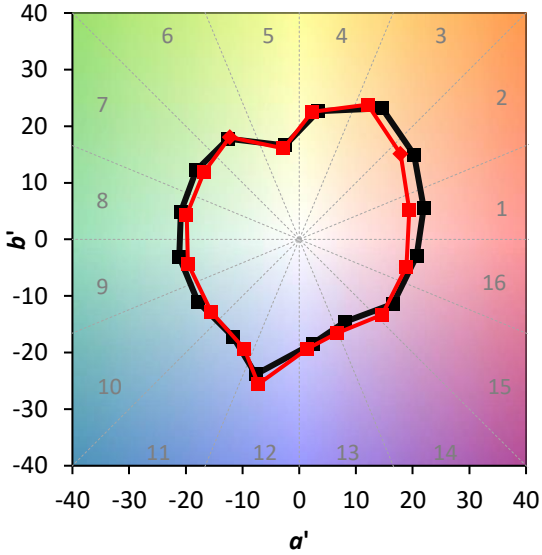
R_f = 84.9
R_g = 94.6
CIE R_a = 84.2
R_9 = 13.6

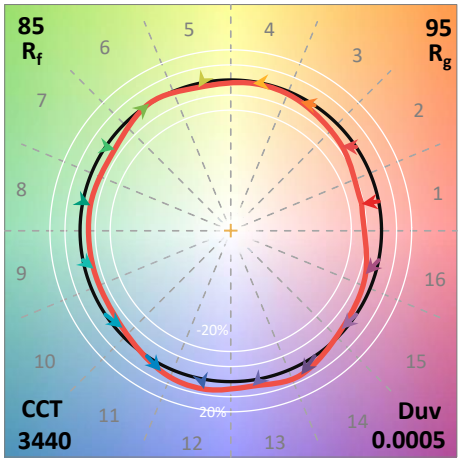
Spectral Power Distribution Comparison

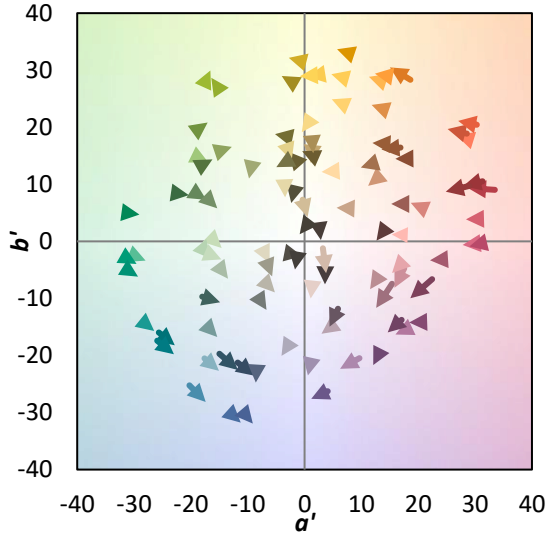


Color Vector Graphics







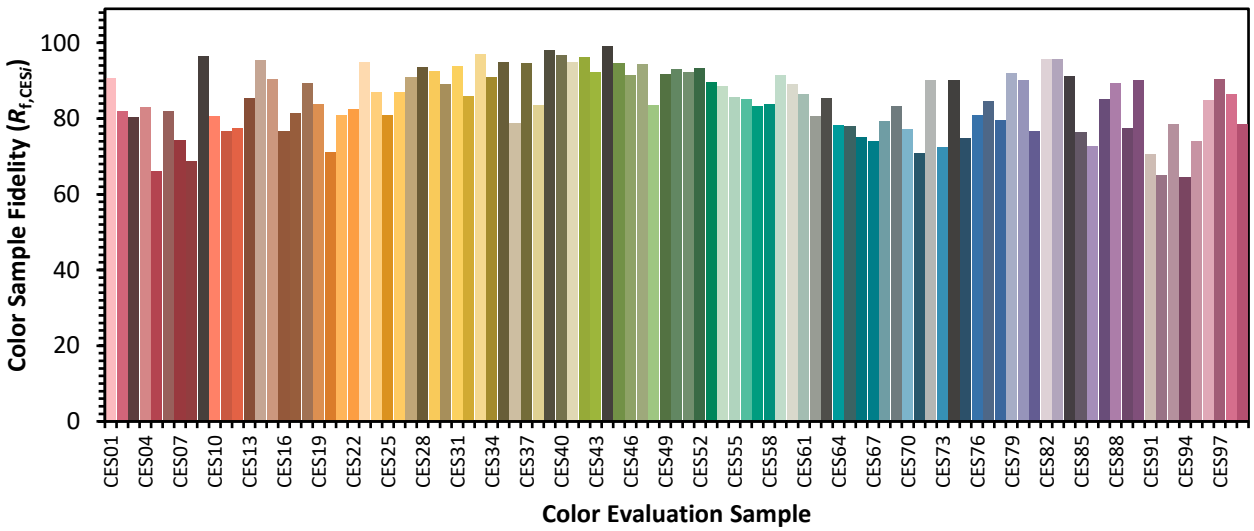


REPORT NUMBER: SP1-2506-458-1

TM-30-18

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

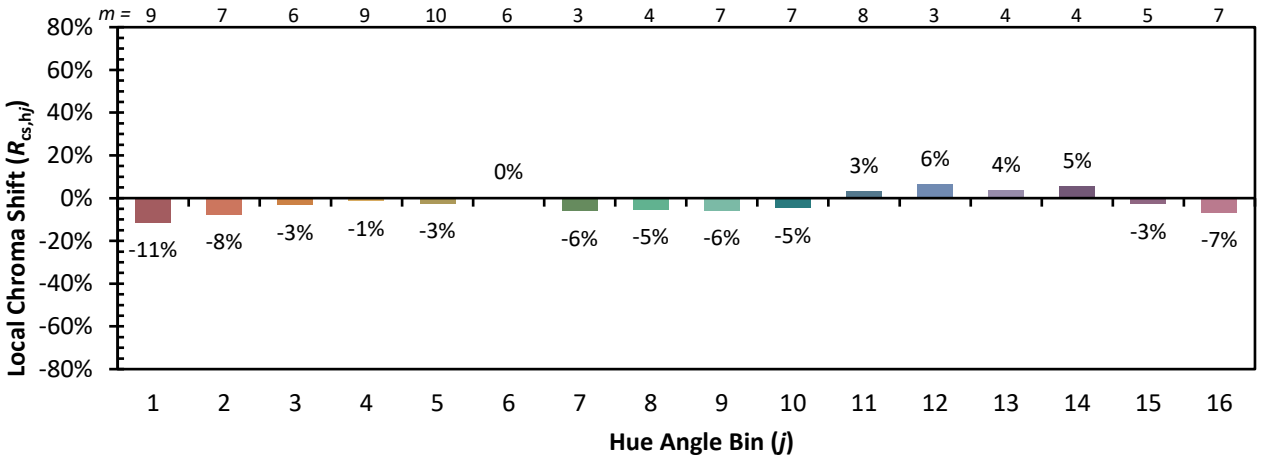
CES01 = 86	CES26 = 87	CES51 = 92	CES76 = 81
CES02 = 62	CES27 = 91	CES52 = 93	CES77 = 85
CES03 = 31	CES28 = 94	CES53 = 90	CES78 = 80
CES04 = 70	CES29 = 92	CES54 = 89	CES79 = 92
CES05 = 49	CES30 = 89	CES55 = 86	CES80 = 90
CES06 = 51	CES31 = 94	CES56 = 85	CES81 = 77
CES07 = 41	CES32 = 86	CES57 = 83	CES82 = 96
CES08 = 40	CES33 = 97	CES58 = 84	CES83 = 96
CES09 = 29	CES34 = 91	CES59 = 91	CES84 = 91
CES10 = 75	CES35 = 95	CES60 = 89	CES85 = 76
CES11 = 58	CES36 = 79	CES61 = 87	CES86 = 73
CES12 = 64	CES37 = 95	CES62 = 81	CES87 = 85
CES13 = 43	CES38 = 84	CES63 = 85	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 78	CES89 = 78
CES15 = 71	CES40 = 97	CES65 = 78	CES90 = 90
CES16 = 47	CES41 = 95	CES66 = 75	CES91 = 71
CES17 = 50	CES42 = 96	CES67 = 74	CES92 = 65
CES18 = 56	CES43 = 92	CES68 = 79	CES93 = 79
CES19 = 72	CES44 = 99	CES69 = 83	CES94 = 64
CES20 = 66	CES45 = 95	CES70 = 77	CES95 = 74
CES21 = 86	CES46 = 91	CES71 = 71	CES96 = 85
CES22 = 78	CES47 = 94	CES72 = 90	CES97 = 90
CES23 = 92	CES48 = 83	CES73 = 72	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 90	CES99 = 79
CES25 = 72	CES50 = 93	CES75 = 75	

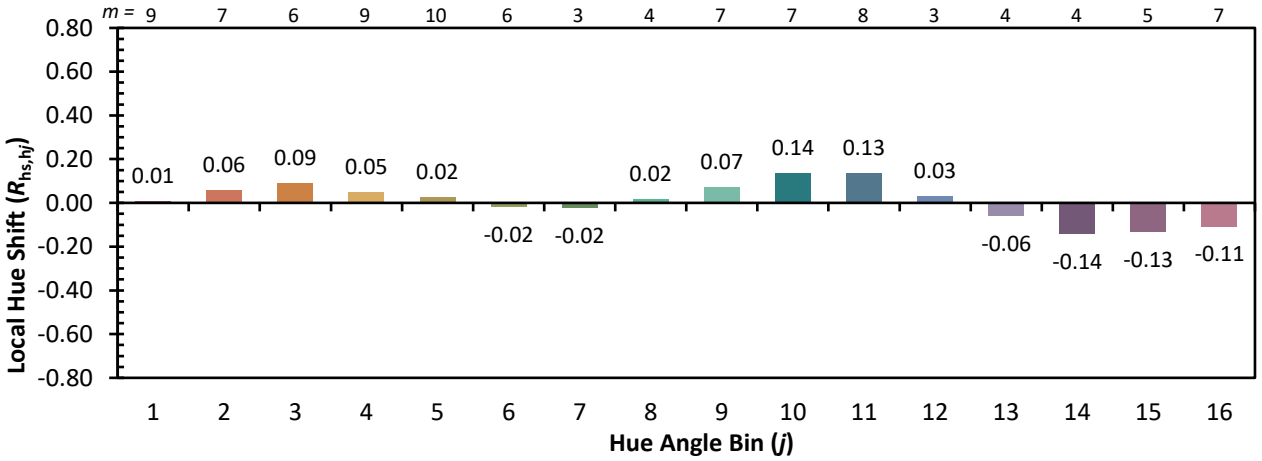


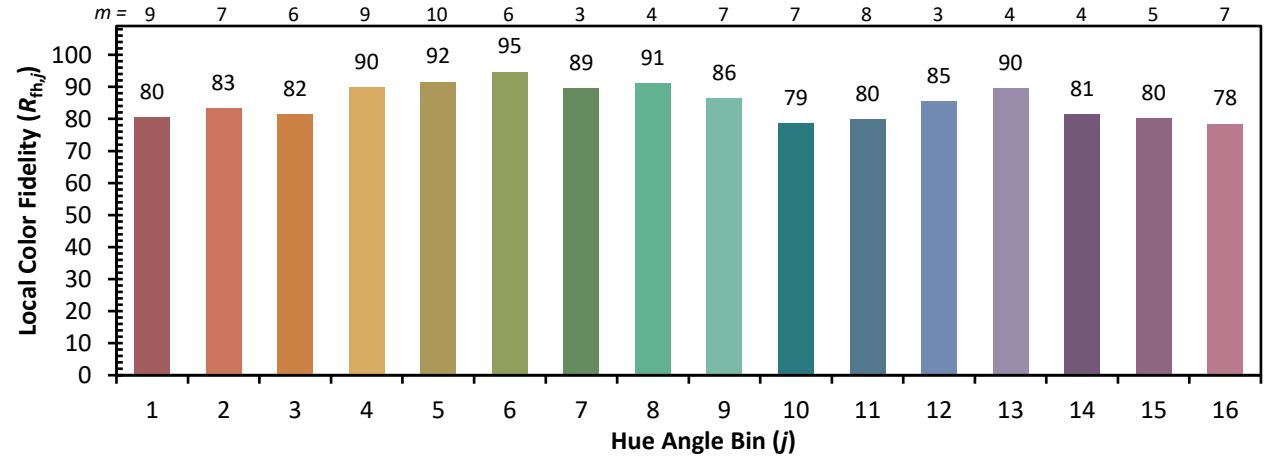
REPORT NUMBER: SP1-2506-458-1

TM-30-18

Color Rendition by Hue-Angle Bin



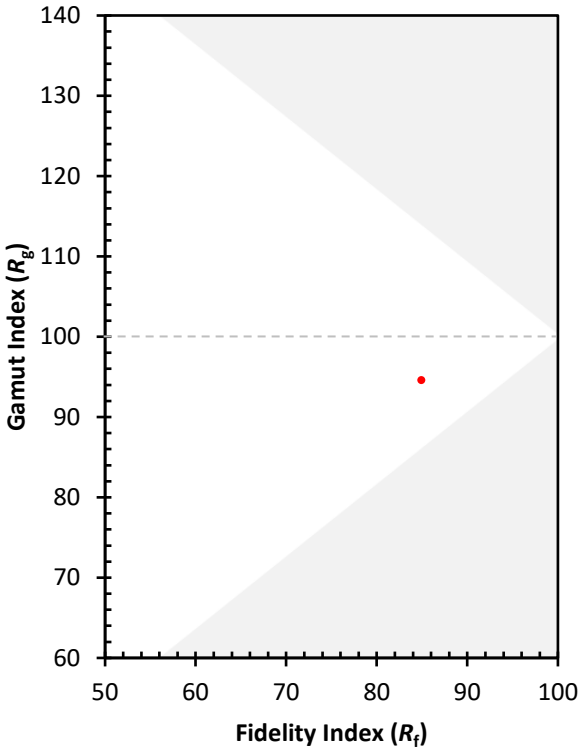


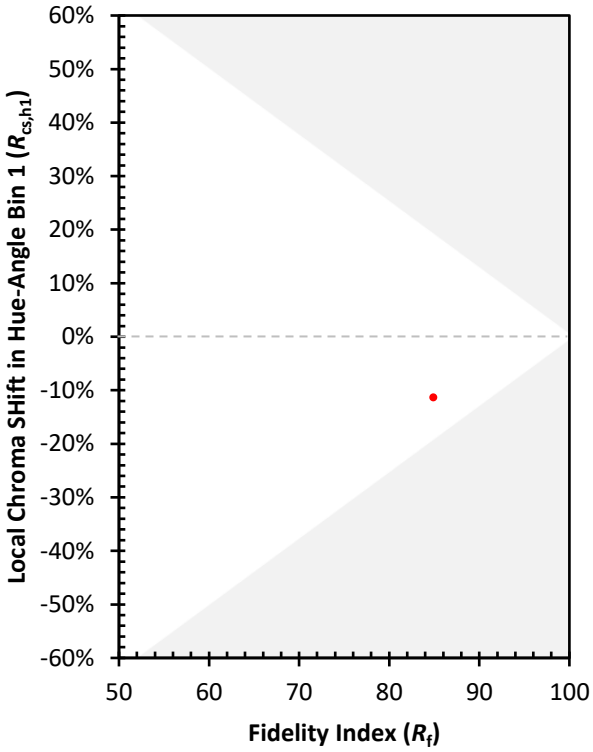


REPORT NUMBER: SP1-2506-458-1

TM-30-18

Measure Comparisons





(END OF REPORT)