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: P1217204

Luminaire Tested: 14-ID2-40-CNV-L850-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:	P1217204
	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-ID2-40-CNV-L850-U
Description:	1X4 IN DEPTH TROFFER WITH 2INCH CURVE DROP LENS
Light Source:	5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4244.6 lumens
Efficiency:	N/A
Efficacy:	120.9 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):	35.1
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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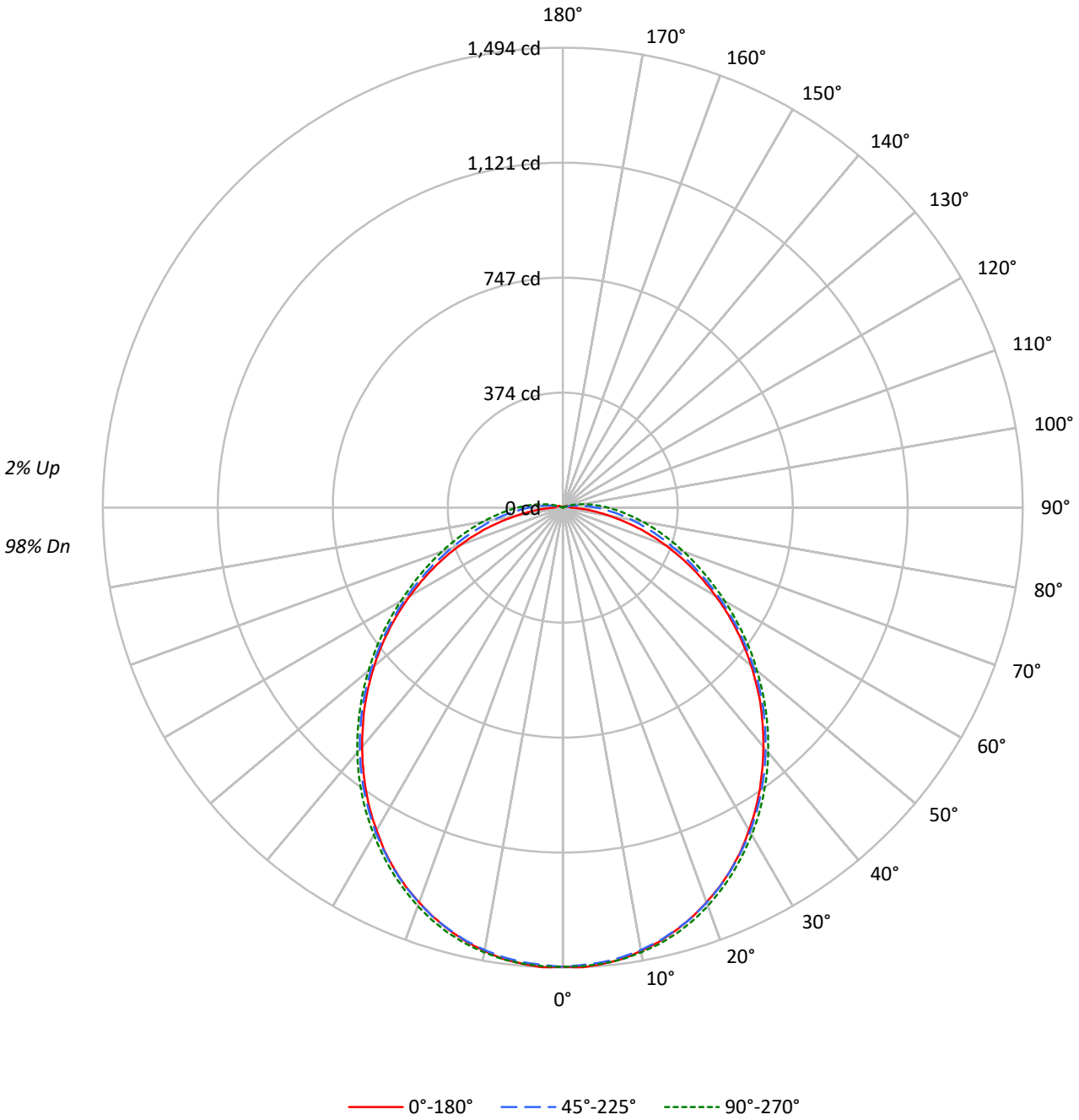
Luminous Intensity Polar Plot



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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°	4013	4013	4013
5°	4005	3955	3962
10°	3969	3891	3899
15°	3918	3812	3824
20°	3851	3720	3727
25°	3775	3612	3614
30°	3673	3493	3491
35°	3566	3362	3360
40°	3446	3220	3216
45°	3329	3069	3060
50°	3194	2904	2895
55°	3050	2724	2731
60°	2884	2545	2562
65°	2708	2357	2409
70°	2504	2179	2281
75°	2266	2044	2183
80°	1955	1945	2139
85°	1708	1912	2188

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3329 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.0	3.3
10°-20°	401.2	9.5
20°-30°	597.9	14.1
30°-40°	703.6	16.6
40°-50°	709.9	16.7
50°-60°	625.9	14.7
60°-70°	479.5	11.3
70°-80°	314.0	7.4
80°-90°	167.9	4.0
90°-100°	71.4	1.7
100°-110°	22.8	0.5
110°-120°	5.4	0.1
120°-130°	2.4	0.1
130°-140°	1.2	0.0
140°-150°	0.4	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1140.2	26.9
0°-40°	1843.8	43.4
0°-60°	3179.6	74.9
0°-90°	4141.0	97.6
90°-120°	99.5	2.3
90°-150°	103.6	2.4
90°-180°	104.0	2.5
0°-180°	4244.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1491	1491	1491	1491	1491	
5°	1488	1486	1482	1483	1487	141
15°	1421	1420	1420	1426	1431	401
25°	1295	1293	1297	1303	1308	596
35°	1116	1116	1125	1134	1137	698
45°	910	910	920	931	933	701
55°	687	687	698	712	715	614
65°	462	464	482	500	508	458
75°	250	260	300	328	335	266
85°	81	111	162	193	200	82
90°	28	63	109	138	146	18
95°	24	32	67	93	101	18
105°	16	13	14	28	34	17
115°	11	9	4	0	0	11
125°	6	5	2	0	0	6
135°	4	3	1	0	0	3
145°	2	1	0	0	0	1
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°	*1491.4*	1491.4	1491.4	1491.4	1491.4
2.5°	*1494.2*	*1492.1*	*1487.1*	*1488.5*	*1490.7*
5°	*1487.8*	1485.7	1482.1	1482.8	1487.1
7.5°	*1478.5*	1475.7	1472.8	1475.0	1480.0
10°	*1462.8*	1461.4	1459.3	1462.1	1467.1
12.5°	*1444.3*	1442.9	1442.1	1445.7	1451.4
15°	*1421.4*	1420.0	1420.0	1425.7	1431.4
17.5°	*1395.0*	1394.3	1395.8	1402.2	1406.5
20°	*1364.4*	1363.6	1365.8	1372.2	1377.2
22.5°	*1332.3*	1330.8	1333.0	1338.7	1343.7
25°	*1295.1*	1293.0	1296.6	1303.0	1308.0
27.5°	*1255.2*	1251.6	1257.3	1264.5	1268.7
30°	*1209.5*	1210.2	1215.9	1223.1	1227.4
32.5°	*1164.6*	1163.8	1171.0	1179.5	1183.8
35°	*1116.0*	1116.0	1124.6	1133.9	1137.4
37.5°	*1065.4*	1067.5	1076.1	1084.6	1088.9
40°	*1014.0*	1016.9	1025.4	1034.7	1038.3
42.5°	*961.2*	964.0	973.3	983.3	986.2
45°	*909.8*	910.5	920.5	931.2	932.6
47.5°	*854.2*	854.9	865.6	876.3	878.4
50°	*799.2*	799.9	810.6	822.0	823.5
52.5°	*743.5*	744.3	753.5	767.1	770.0
55°	*687.2*	687.2	697.9	712.2	715.0
57.5°	*630.8*	630.8	642.2	657.2	660.8
60°	*573.0*	574.4	588.7	603.0	608.0
62.5°	*517.3*	518.8	534.5	549.5	555.9
65°	*461.7*	463.8	482.4	500.2	508.1
67.5°	*407.5*	410.3	431.7	454.5	461.7
70°	*353.2*	358.9	384.6	409.6	417.4
72.5°	*301.1*	307.6	341.8	368.2	375.3
75°	*250.5*	260.5	300.4	327.5	335.4
77.5°	*201.2*	216.2	261.9	291.1	298.3
80°	*154.8*	177.0	226.2	255.5	263.3
82.5°	*115.6*	140.6	193.4	223.4	230.5
85°	*80.6*	110.6	162.0	192.7	200.5
87.5°	*52.1*	84.9	134.2	164.1	172.7
90°	*28.5*	62.8	109.2	137.7	146.3
92.5°	*25.7*	45.7	87.1	114.2	122.7
95°	*23.5*	32.1	67.1	92.8	101.3
97.5°	*21.4*	21.4	50.0	73.5	81.3
100°	*20.0*	15.7	35.7	56.4	64.2
102.5°	*17.8*	14.3	23.5	41.4	48.5
105°	*16.4*	12.8	14.3	28.5	34.3
107.5°	*15.0*	11.4	7.1	17.8	22.8
110°	*13.6*	10.7	5.7	8.6	13.6

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TEST NUMBER: P1217204
CATALOG NUMBER: 14-ID2-40-CNV-L850-U

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	*12.1*	9.3	5.0	2.1	5.0
115°	*10.7*	8.6	4.3	0.0	0.0
117.5°	*9.3*	7.8	3.6	0.0	0.0
120°	*8.6*	6.4	3.6	0.0	0.0
122.5°	*7.8*	5.7	2.9	0.0	0.0
125°	*6.4*	5.0	2.1	0.0	0.0
127.5°	*5.7*	4.3	2.1	0.0	0.0
130°	*5.0*	4.3	1.4	0.0	0.0
132.5°	*4.3*	3.6	1.4	0.0	0.0
135°	*3.6*	2.9	1.4	0.0	0.0
137.5°	*3.6*	2.9	0.7	0.0	0.0
140°	*2.9*	2.1	0.7	0.0	0.0
142.5°	*2.1*	1.4	0.7	0.0	0.0
145°	*2.1*	1.4	0.0	0.0	0.0
147.5°	*1.4*	1.4	0.0	0.0	0.0
150°	*1.4*	0.7	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: P1217204
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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	14.89	16.48	15.30	16.85	17.23	15.54	17.13	15.94	17.49	17.87
	3H	16.49	17.94	16.91	18.31	18.73	17.51	18.96	17.93	19.33	19.75
	4H	17.06	18.43	17.50	18.82	19.26	18.41	19.77	18.84	20.17	20.60
	6H	17.46	18.73	17.91	19.14	19.59	19.28	20.55	19.73	20.96	21.41
	8H	17.58	18.79	18.04	19.23	19.69	19.70	20.92	20.16	21.35	21.81
	12H	17.66	18.82	18.13	19.25	19.74	20.14	21.31	20.61	21.74	22.22
4H	2H	15.53	16.90	15.97	17.30	17.73	16.05	17.41	16.48	17.81	18.25
	3H	17.36	18.51	17.80	18.95	19.41	18.25	19.41	18.70	19.85	20.31
	4H	18.05	19.10	18.52	19.56	20.05	19.31	20.36	19.78	20.82	21.31
	6H	18.57	19.49	19.06	19.98	20.49	20.36	21.29	20.85	21.77	22.28
	8H	18.74	19.61	19.24	20.09	20.61	20.88	21.74	21.37	22.23	22.75
	12H	18.87	19.65	19.38	20.17	20.69	21.42	22.21	21.94	22.73	23.25
8H	4H	18.47	19.34	18.97	19.83	20.35	19.58	20.45	20.08	20.94	21.46
	6H	19.14	19.87	19.67	20.41	20.93	20.80	21.53	21.33	22.06	22.59
	8H	19.40	20.06	19.94	20.60	21.14	21.45	22.11	21.99	22.65	23.19
	12H	19.61	20.19	20.15	20.73	21.34	22.16	22.75	22.70	23.28	23.89
12H	4H	18.57	19.35	19.08	19.87	20.39	19.60	20.39	20.12	20.91	21.43
	6H	19.30	19.96	19.84	20.50	21.04	20.86	21.52	21.40	22.07	22.61
	8H	19.63	20.22	20.18	20.75	21.36	21.58	22.17	22.12	22.70	23.31

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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: SP1-2506-458-7

Test Date: 08/26/2025

Luminaire Tested: 22ID2-55-CFR1-L850-U

Data in this report applies to families of products including 22ID2-55-CFR1-L850-U

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

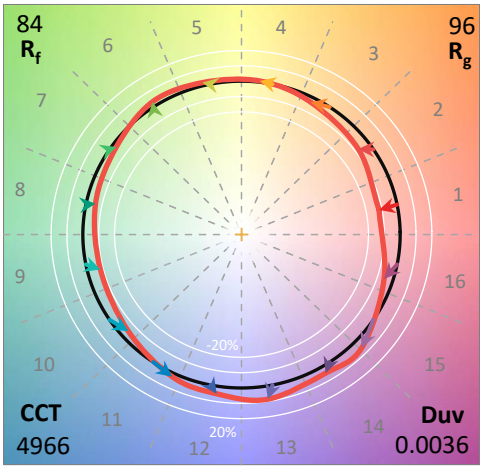
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2506-458-7
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-L850-U**
Description:	2X2 CGTX WITH INDEPTH FRAME AND CFR1 LENS - 5500 LUMEN 5000K 80CRI

Spectral Parameters

CCT (K):	4966
CIE u':	0.2093
CIE v':	0.4890
Duv:	0.0036
CIE x:	0.3468
CIE y:	0.3601
CIE z:	0.2931
Peak Wavelength (nm):	450
Dominant Wavelength (nm):	570
Purity:	12.1135
Rf:	84
Rg:	96.2

CRI (Ra):	83.1
R1:	81.0
R2:	87.8
R3:	92.7
R4:	82.4
R5:	81.0
R6:	82.6
R7:	88.5
R8:	68.6
R9:	10.3
R10:	70.9
R11:	81.3
R12:	55.9
R13:	82.8
R14:	96.1
R15:	75.1



Test Conditions

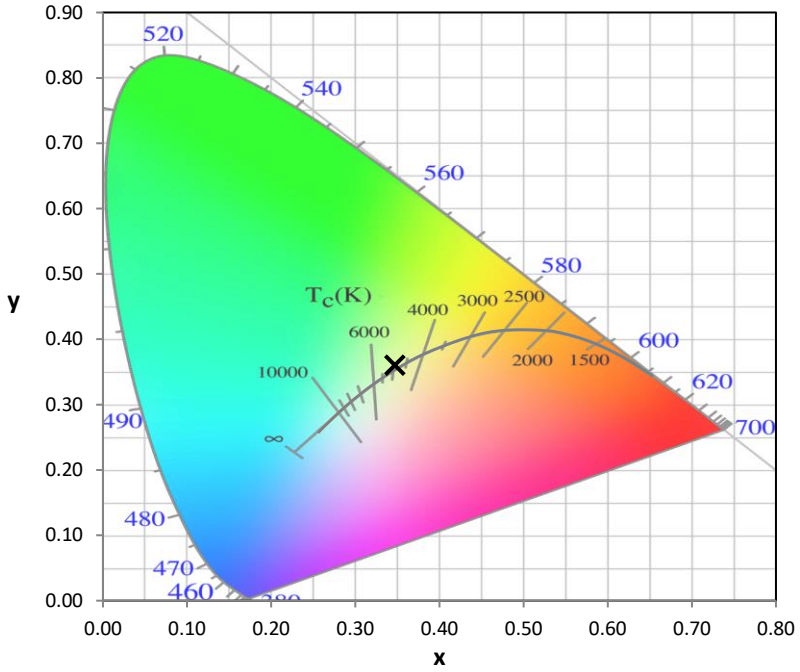
Stabilization Time:	37M
Operation Time:	1H 37M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2506-458-7

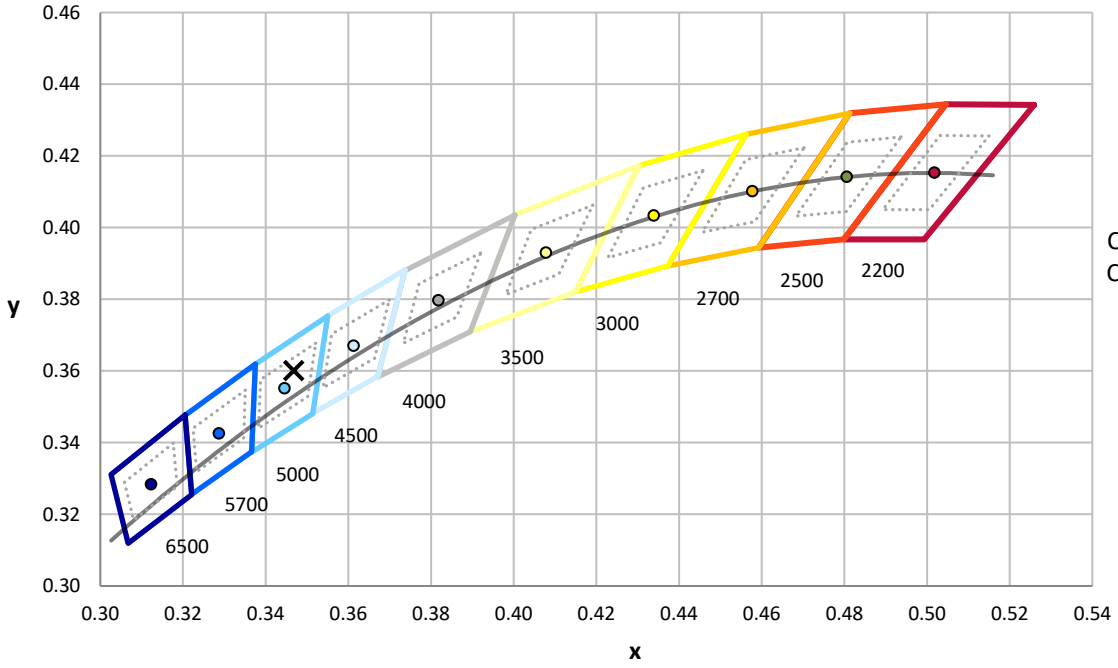
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	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: SP1-2506-458-7

CIE 1931 Chromaticity Diagram



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

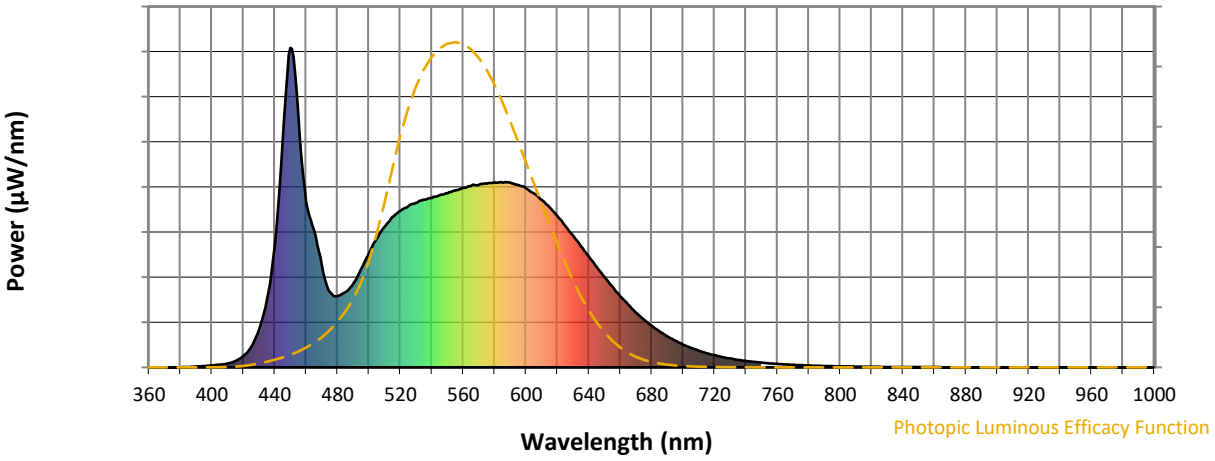


CCT = 4966K
CIE x = 0.3468
CIE y = 0.3601
Duv = 0.0036

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2506-458-7

Photopic Flux vs. Wavelength

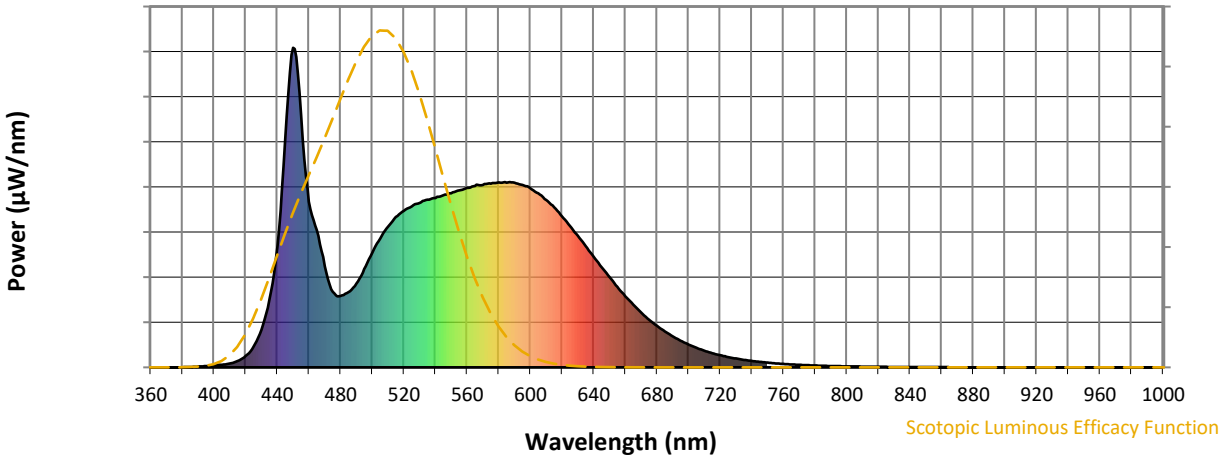


Photopic Lumens: NR

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

REPORT NUMBER: SP1-2506-458-7

Scotopic Flux vs. Wavelength

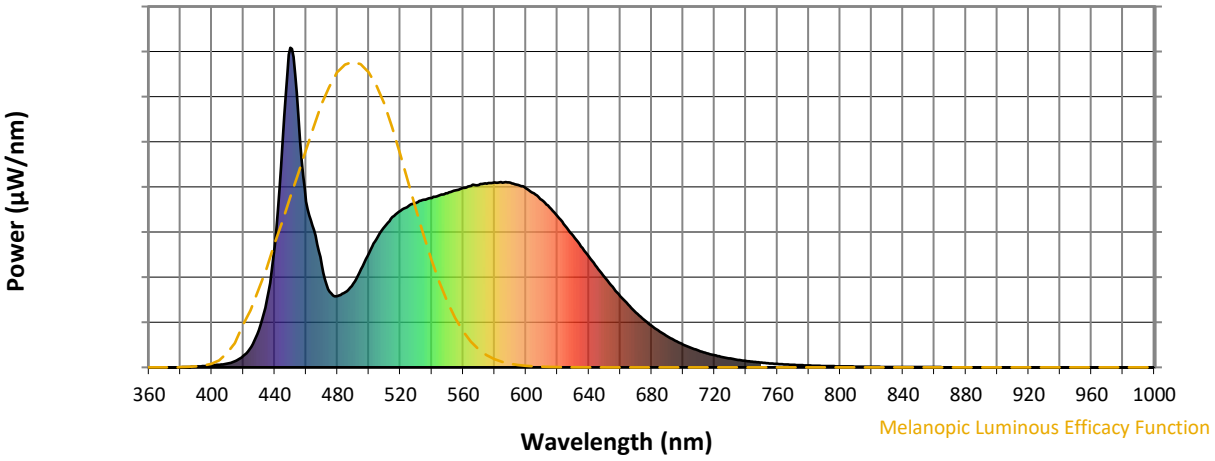


Scotopic Lumens: NR **S/P: 1.94**

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

REPORT NUMBER: SP1-2506-458-7

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.11**

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	262	NR	620	472	NR	750	15	NR	880	0	NR
365	0	NR	495	307	NR	625	443	NR	755	13	NR	885	0	NR
370	0	NR	500	358	NR	630	412	NR	760	11	NR	890	0	NR
375	0	NR	505	403	NR	635	379	NR	765	9	NR	895	0	NR
380	0	NR	510	440	NR	640	346	NR	770	8	NR	900	0	NR
385	1	NR	515	471	NR	645	313	NR	775	7	NR	905	0	NR
390	3	NR	520	490	NR	650	282	NR	780	6	NR	910	0	NR
395	4	NR	525	504	NR	655	252	NR	785	5	NR	915	0	NR
400	6	NR	530	515	NR	660	223	NR	790	4	NR	920	0	NR
405	9	NR	535	524	NR	665	197	NR	795	4	NR	925	0	NR
410	12	NR	540	530	NR	670	171	NR	800	3	NR	930	0	NR
415	20	NR	545	539	NR	675	149	NR	805	3	NR	935	0	NR
420	36	NR	550	545	NR	680	130	NR	810	2	NR	940	0	NR
425	64	NR	555	554	NR	685	112	NR	815	2	NR	945	0	NR
430	117	NR	560	562	NR	690	97	NR	820	2	NR	950	0	NR
435	212	NR	565	567	NR	695	83	NR	825	2	NR	955	0	NR
440	378	NR	570	571	NR	700	71	NR	830	1	NR	960	0	NR
445	709	NR	575	574	NR	705	61	NR	835	1	NR	965	0	NR
450	1000	NR	580	579	NR	710	52	NR	840	1	NR	970	0	NR
455	789	NR	585	578	NR	715	44	NR	845	1	NR	975	0	NR
460	519	NR	590	578	NR	720	38	NR	850	1	NR	980	0	NR
465	429	NR	595	571	NR	725	32	NR	855	1	NR	985	0	NR
470	316	NR	600	560	NR	730	28	NR	860	1	NR	990	0	NR
475	236	NR	605	545	NR	735	24	NR	865	1	NR	995	0	NR
480	224	NR	610	524	NR	740	20	NR	870	0	NR	1000	0	NR
485	235	NR	615	501	NR	745	17	NR	875	0	NR			

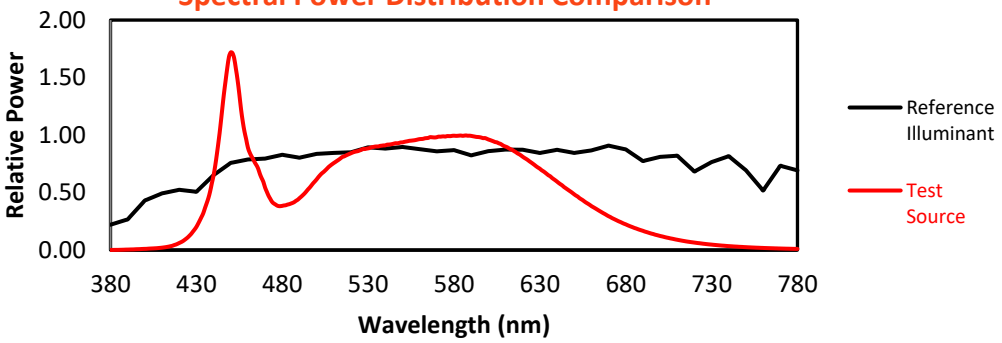
REPORT NUMBER: SP1-2506-458-7

TM-30-18

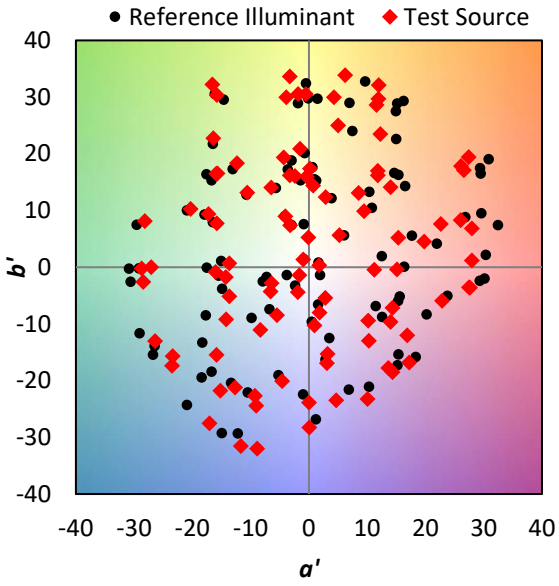
Summary

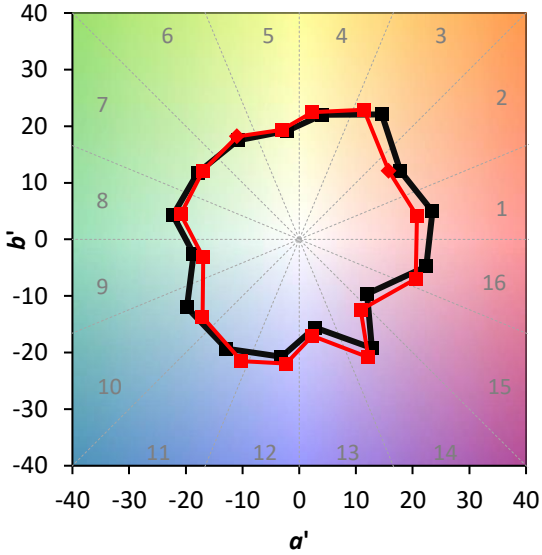
R_f = 84
R_g = 96.2
CIE R_a = 83.1
R_9 = 10.3

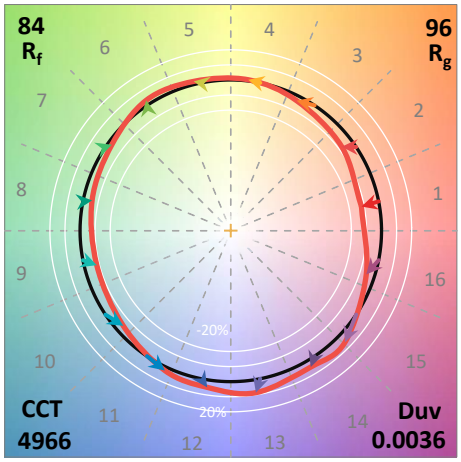
Spectral Power Distribution Comparison

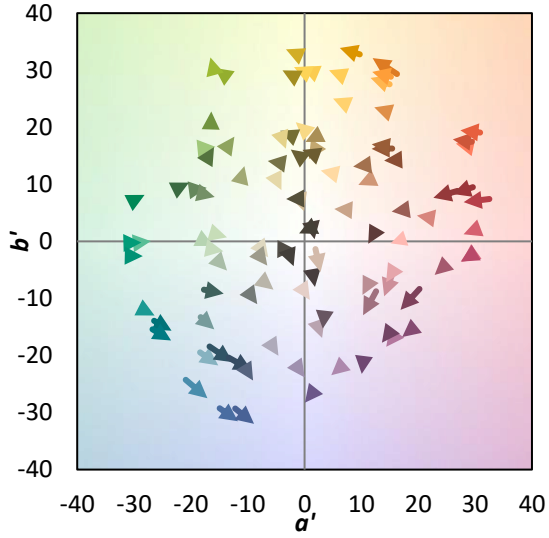


Color Vector Graphics







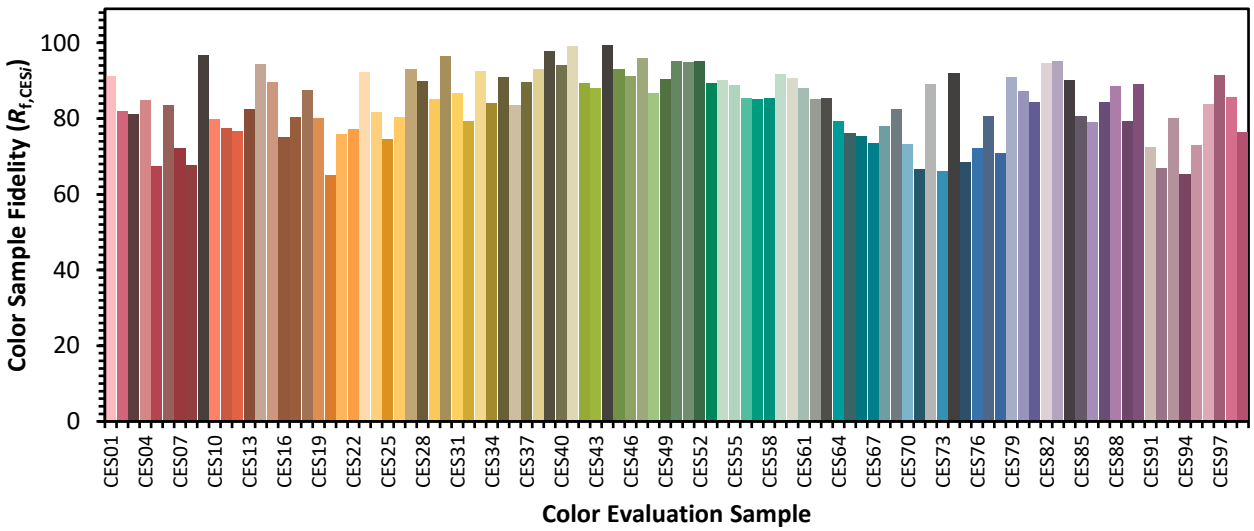


REPORT NUMBER: SP1-2506-458-7

TM-30-18

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

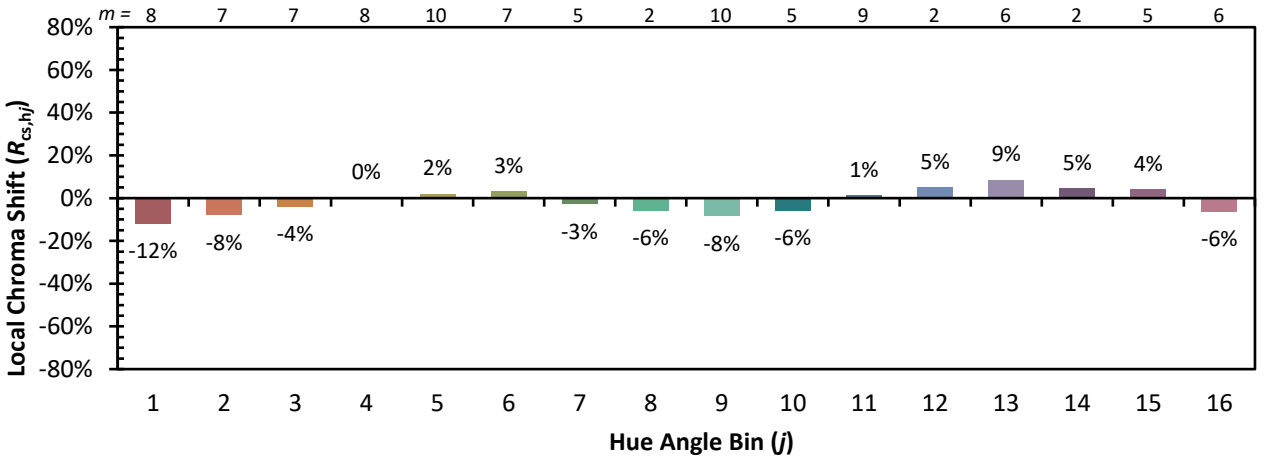
CES01 = 85	CES26 = 80	CES51 = 95	CES76 = 72
CES02 = 60	CES27 = 93	CES52 = 95	CES77 = 81
CES03 = 30	CES28 = 90	CES53 = 89	CES78 = 71
CES04 = 69	CES29 = 85	CES54 = 90	CES79 = 91
CES05 = 47	CES30 = 97	CES55 = 89	CES80 = 87
CES06 = 50	CES31 = 87	CES56 = 86	CES81 = 84
CES07 = 40	CES32 = 79	CES57 = 85	CES82 = 95
CES08 = 39	CES33 = 92	CES58 = 85	CES83 = 95
CES09 = 29	CES34 = 84	CES59 = 92	CES84 = 90
CES10 = 73	CES35 = 91	CES60 = 91	CES85 = 81
CES11 = 56	CES36 = 83	CES61 = 88	CES86 = 79
CES12 = 62	CES37 = 90	CES62 = 85	CES87 = 84
CES13 = 42	CES38 = 93	CES63 = 85	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 79	CES89 = 79
CES15 = 71	CES40 = 94	CES65 = 76	CES90 = 89
CES16 = 46	CES41 = 99	CES66 = 75	CES91 = 72
CES17 = 48	CES42 = 89	CES67 = 73	CES92 = 67
CES18 = 55	CES43 = 88	CES68 = 78	CES93 = 80
CES19 = 70	CES44 = 99	CES69 = 82	CES94 = 65
CES20 = 64	CES45 = 93	CES70 = 73	CES95 = 73
CES21 = 85	CES46 = 91	CES71 = 67	CES96 = 84
CES22 = 77	CES47 = 96	CES72 = 89	CES97 = 92
CES23 = 91	CES48 = 87	CES73 = 66	CES98 = 86
CES24 = 90	CES49 = 90	CES74 = 92	CES99 = 77
CES25 = 71	CES50 = 95	CES75 = 68	

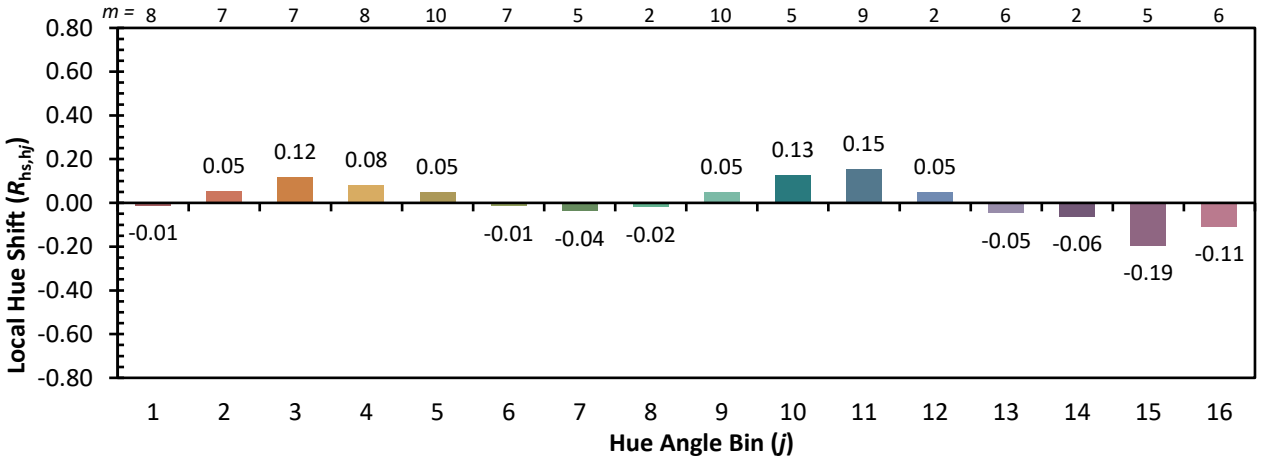


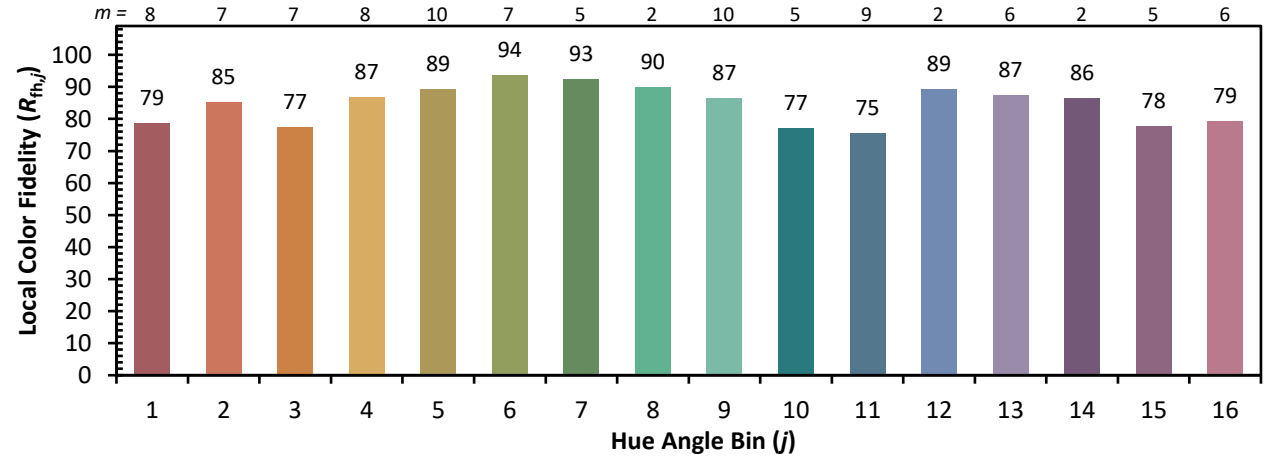
REPORT NUMBER: SP1-2506-458-7

TM-30-18

Color Rendition by Hue-Angle Bin



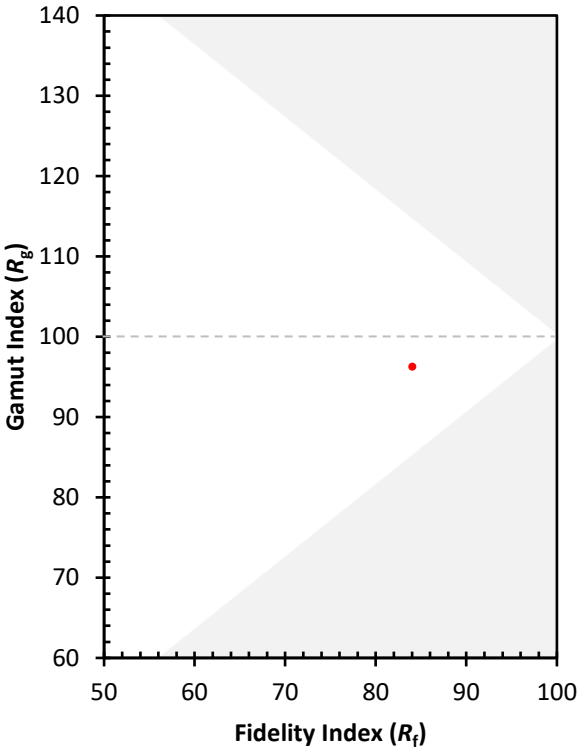


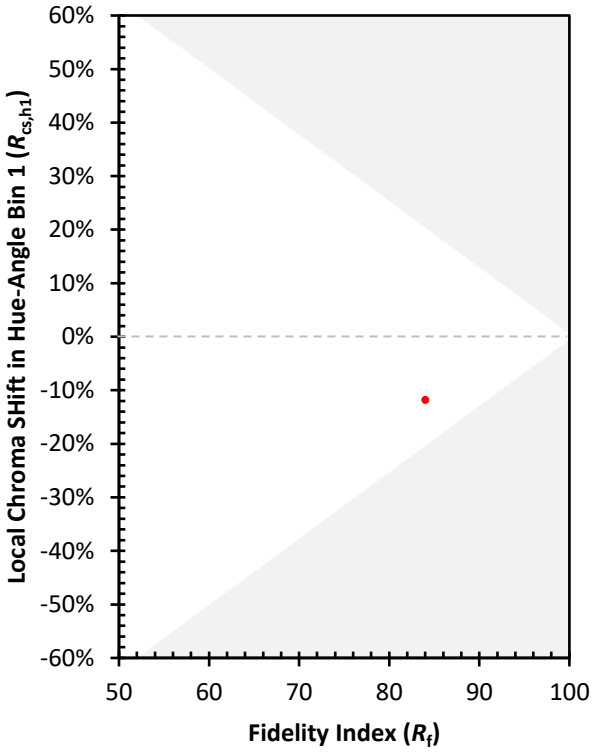


REPORT NUMBER: SP1-2506-458-7

TM-30-18

Measure Comparisons





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