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: P958983

Luminaire Tested: CB2-B-085U-055D-835-1D-UNV-STD-W-4

Issue Date: 2/12/2025

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:	P958983
	REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-119-1, G2-2312-242-18)
Test Lab:	INNOVATION CENTER
Issue Date:	2/12/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	CB2-B-085U-055D-835-1D-UNV-STD-W-4
Description:	CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
	2-INCH APERTURE
	DOWNLIGHT 550 LUMENS PER FOOT
	UPLIGHT 850 LUMENS PER FOOT
Light Source:	3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6709.4 lumens
Efficiency:	N/A
Efficacy:	156.0 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.09 / 1.24
Luminous Opening:	Rectangular (W 0.15' x L: 4' x H: 0')
CIE Type:	Semi-Indirect

Input Watts (W):	43
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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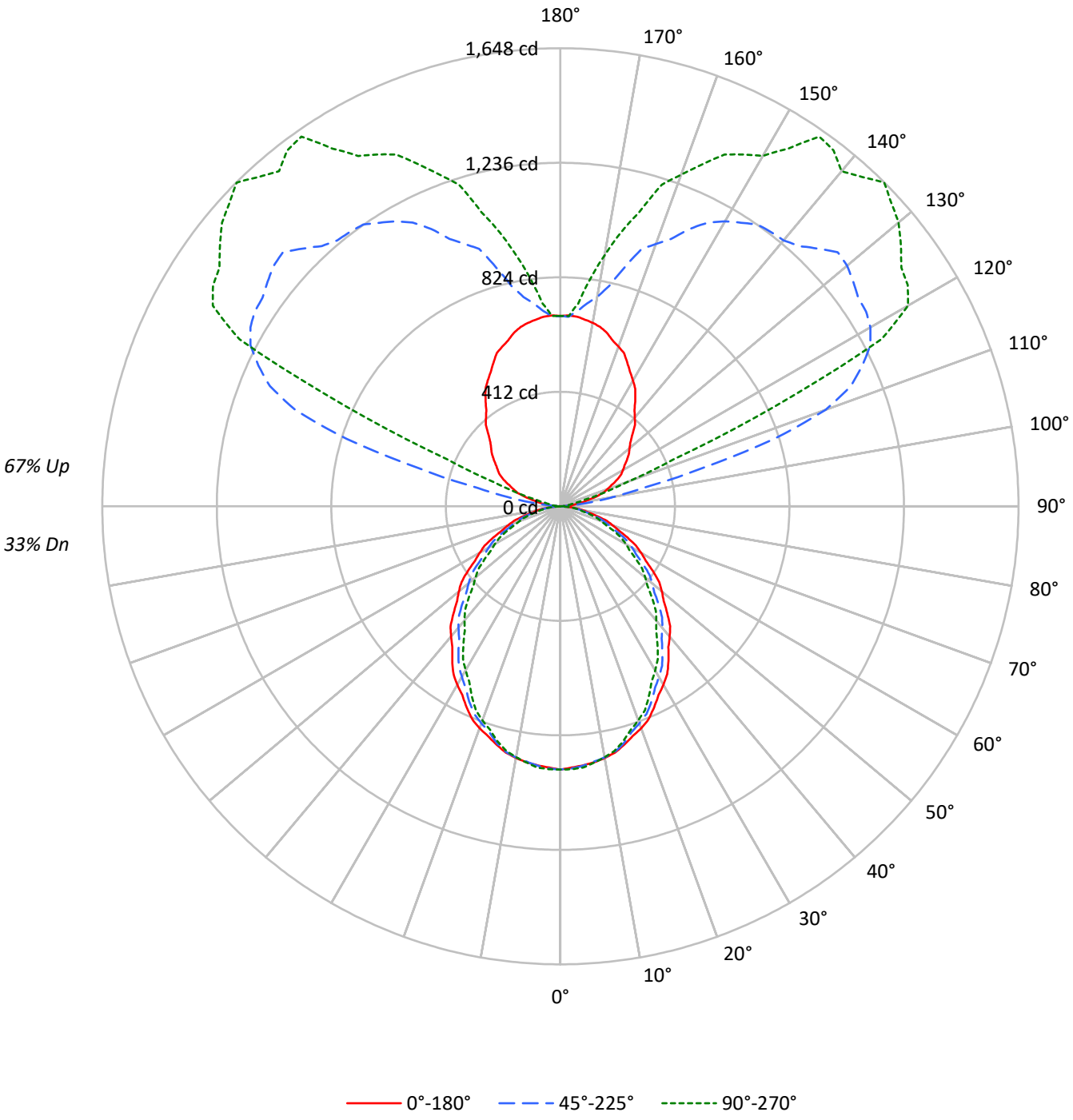
TEST NUMBER: P958983
CATALOG NUMBER: CB2-B-085U-055D-835-1D-UNV-STD-W-4

Luminous Intensity Polar Plot



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TEST NUMBER: P958983
CATALOG NUMBER: CB2-B-085U-055D-835-1D-UNV-STD-W-4

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	103	103	103	103	93	93	93	93	74	74	74	56	56	56	40	40	40	33
1	94	90	86	83	85	81	78	75	65	63	61	50	48	47	36	35	34	28
2	86	79	73	68	77	71	66	62	57	53	50	44	42	39	32	30	29	24
3	78	69	62	57	70	63	57	52	50	46	42	39	36	34	28	26	25	20
4	72	61	54	48	64	55	49	44	45	40	36	35	31	29	25	23	22	17
5	66	54	47	41	59	49	43	38	40	35	31	31	28	25	23	21	19	15
6	60	49	41	35	54	44	38	33	36	31	27	28	25	22	21	18	17	13
7	56	44	36	31	50	40	33	29	33	28	24	26	22	19	19	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	23	20	17	17	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	14	12	10
10	45	33	26	22	40	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16496	16496	16496
5°	16356	16382	16496
10°	16264	16225	16213
15°	16007	15902	15771
20°	15755	15405	15190
25°	15330	14900	14481
30°	14907	14249	13710
35°	14418	13585	12938
40°	13901	12960	12203
45°	13380	12309	11486
50°	12912	11673	10787
55°	12332	11011	10130
60°	11673	10384	9475
65°	10971	9685	8815
70°	10195	8902	7975
75°	9273	8055	7221
80°	8295	7051	6550
85°	6375	5795	4776

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13380 cd/sqm

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TEST NUMBER: P958983
CATALOG NUMBER: CB2-B-085U-055D-835-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	1.3
10°-20°	248.3	3.7
20°-30°	357.0	5.3
30°-40°	401.2	6.0
40°-50°	387.6	5.8
50°-60°	327.5	4.9
60°-70°	235.2	3.5
70°-80°	128.6	1.9
80°-90°	34.1	0.5
90°-100°	51.3	0.8
100°-110°	317.8	4.7
110°-120°	801.5	11.9
120°-130°	963.5	14.4
130°-140°	873.6	13.0
140°-150°	696.6	10.4
150°-160°	475.2	7.1
160°-170°	251.3	3.7
170°-180°	69.9	1.0
0°-30°	694.3	10.3
0°-40°	1095.6	16.3
0°-60°	1810.7	27.0
0°-90°	2208.6	32.9
90°-120°	1170.7	17.4
90°-150°	3704.4	55.2
90°-180°	4501.0	67.1
0°-180°	6709.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	947	947	947	947	947	
5°	936	948	937	937	944	89
15°	888	896	882	873	875	250
25°	798	798	775	758	754	367
35°	678	670	639	614	608	424
45°	543	532	500	473	466	420
55°	406	391	363	340	334	363
65°	266	256	235	218	214	264
75°	138	129	120	110	107	147
85°	32	30	29	25	24	38
90°	0	0	0	0	0	2
95°	27	67	21	15	15	34
105°	130	364	526	132	89	136
115°	224	496	1199	1116	850	220
125°	292	601	1308	1488	1497	262
135°	366	666	1311	1535	1648	285
145°	469	700	1237	1491	1624	293
155°	570	714	1101	1327	1396	262
165°	647	707	889	1046	1095	181
175°	685	694	706	718	732	65
180°	685	685	685	685	685	

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Scaled Data Report

TEST NUMBER: P958983
CATALOG NUMBER: CB2-B-085U-055D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	947.1	947.1	947.1	947.1	*947.1*
2.5°	940.8	952.1	943.7	944.9	*946.6*
5°	935.5	948.3	937.0	937.1	*943.5*
7.5°	928.9	940.9	926.7	924.1	*930.0*
10°	919.6	931.6	917.4	912.4	*916.7*
12.5°	907.4	918.9	905.2	897.3	*901.0*
15°	887.7	895.5	881.9	873.2	*874.6*
17.5°	866.2	871.0	851.4	844.1	*842.7*
20°	850.0	854.2	831.1	820.9	*819.5*
22.5°	829.1	832.8	808.5	796.0	*794.0*
25°	797.7	798.5	775.3	757.8	*753.5*
27.5°	765.0	762.7	737.0	716.2	*710.7*
30°	741.2	738.3	708.5	686.7	*681.7*
32.5°	715.6	710.5	680.7	657.1	*652.1*
35°	678.1	670.3	638.9	614.1	*608.5*
37.5°	638.1	629.3	598.5	571.5	*565.1*
40°	611.4	601.4	570.0	543.0	*536.7*
42.5°	584.7	573.6	541.6	514.6	*507.7*
45°	543.2	531.8	499.7	473.4	*466.3*
47.5°	503.7	489.3	458.1	431.9	*424.8*
50°	476.5	460.9	430.8	405.2	*398.1*
52.5°	448.6	432.5	403.5	379.1	*372.0*
55°	406.1	391.2	362.6	340.0	*333.6*
57.5°	364.1	349.7	323.6	302.0	*295.7*
60°	335.1	323.0	298.1	277.6	*272.0*
62.5°	307.2	296.3	272.5	253.8	*248.2*
65°	266.2	256.2	235.0	218.2	*213.9*
67.5°	226.3	216.3	199.1	184.1	*179.3*
70°	200.2	190.2	174.8	160.9	*156.6*
72.5°	175.2	164.7	152.2	139.5	*136.3*
75°	137.8	129.3	119.7	110.2	*107.3*
77.5°	104.7	96.5	89.5	82.8	*82.1*
80°	82.7	75.6	70.3	66.0	*65.3*
82.5°	61.8	56.4	52.9	49.7	*49.6*
85°	31.9	29.8	29.0	25.4	*23.9*
87.5°	9.3	9.3	8.1	7.0	*7.0*
90°	0.0	0.0	0.0	0.0	*0.0*
92.5°	7.1	11.7	4.7	4.7	*4.7*
95°	26.6	67.0	20.7	14.8	*14.8*
97.5°	55.5	160.6	111.6	30.0	*26.0*
100°	76.8	232.7	191.9	44.1	*35.4*
102.5°	98.0	295.5	302.9	69.9	*54.3*
105°	129.9	363.7	525.5	131.9	*88.6*
107.5°	161.2	408.3	805.4	272.1	*164.2*
110°	180.1	434.1	1015.6	424.2	*253.9*

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	199.0	460.0	1131.4	680.1	*438.1*
115°	224.4	495.8	1198.7	1115.9	*850.3*
117.5°	245.6	528.6	1256.6	1380.0	*1302.0*
120°	259.8	554.3	1287.3	1417.8	*1443.8*
122.5°	274.0	573.1	1303.8	1432.5	*1481.5*
125°	292.3	601.2	1307.9	1488.2	*1496.9*
127.5°	310.6	622.4	1327.4	1539.5	*1543.5*
130°	324.8	636.5	1346.3	1556.7	*1588.4*
132.5°	341.3	648.5	1353.4	1566.5	*1614.4*
135°	*366.1*	*666.3*	*1310.9*	*1534.9*	*1647.5*
137.5°	397.4	679.2	1270.1	1534.0	*1606.7*
140°	416.3	681.9	1248.9	1567.9	*1573.7*
142.5°	437.6	689.3	1244.2	1564.2	*1613.8*
145°	469.4	700.4	1237.1	1491.1	*1623.9*
147.5°	501.3	707.4	1209.9	1410.4	*1526.4*
150°	522.6	710.2	1183.9	1383.4	*1455.6*
152.5°	543.8	713.0	1150.9	1366.6	*1427.2*
155°	569.8	714.2	1101.3	1327.2	*1396.5*
157.5°	597.0	710.7	1041.6	1255.3	*1331.0*
160°	611.2	706.4	1003.8	1203.2	*1269.6*
162.5°	625.3	704.4	970.8	1134.9	*1212.9*
165°	646.6	707.2	888.7	1046.3	*1095.4*
167.5°	660.8	704.6	811.9	941.0	*1010.3*
170°	670.2	704.8	764.7	860.5	*918.2*
172.5°	677.3	693.5	736.3	786.8	*826.1*
175°	685.0	693.6	705.6	717.8	*732.2*
177.5°	687.3	692.0	682.6	680.4	*685.0*
180°	685.0	685.0	685.0	685.0	*685.0*

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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: SP1-2312-242-2

Test Date: 01/31/2024

Luminaire Tested: CB2-055U055D-835-1D-UNV-STD-D-W-4

Data in this report applies to families of products including CB2-055U055D-835-1D-UNV-STD-D-W-4.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v6.13

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

Test Information

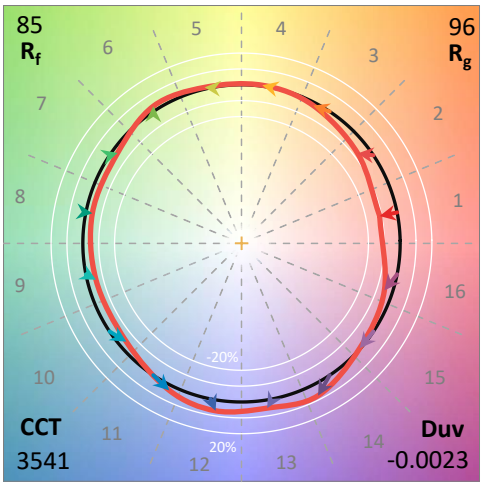
Test Method:	LM-79-2019
Report Number:	SP1-2312-242-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/31/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	**CB2-055U055D-835-1D-UNV-STD-D-W-4**
Description:	CORELITE BASIC 2-INCH SUSPENDED LED LUMINAIRE. 550 LUMENS PER FOOT UPLIGHT, 550 LUMENS PER FOOT DOWNLIGHT

UPLIGHT, 550 LUMENS PER FOOT DOWNLIGHT

Spectral Parameters

CCT (K):	3541	CRI (Ra):	84.5		
CIE u':	0.2358	R1:	83.5	R9:	14.2
CIE v':	0.5074	R2:	91.9	R10:	80.9
Duv:	-0.0023	R3:	96.1	R11:	82.9
CIE x:	0.4006	R4:	83.0	R12:	68.8
CIE y:	0.3831	R5:	83.8	R13:	85.7
CIE z:	0.2162	R6:	88.9	R14:	98.5
Peak Wavelength (nm):	600	R7:	84.5		
Dominant Wavelength (nm):	581	R8:	64.1		
Purity:	35.5				

Rf:	85.1
Rg:	96.5



Test Conditions

Stabilization Time:	53M
Operation Time:	12H
Room Temperature (°C) / RH%:	25.8/25%
Sphere Temperature (°C):	25.2

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REPORT NUMBER: SP1-2312-242-2

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	8/9/2023	2/9/2024
Power Meter	XITRON 2801 IN0071	10/23/2023	10/23/2024
AC Power Source	CHROMA 61603 IN0063	10/24/2023	10/24/2024
DC Power Source	AGILENT E3634A IN0208	10/24/2023	10/24/2024
Sphere Thermometer	ONSET IN0085	10/24/2023	10/24/2024
Room Thermometer	ONSET IN0046	10/24/2023	10/24/2024

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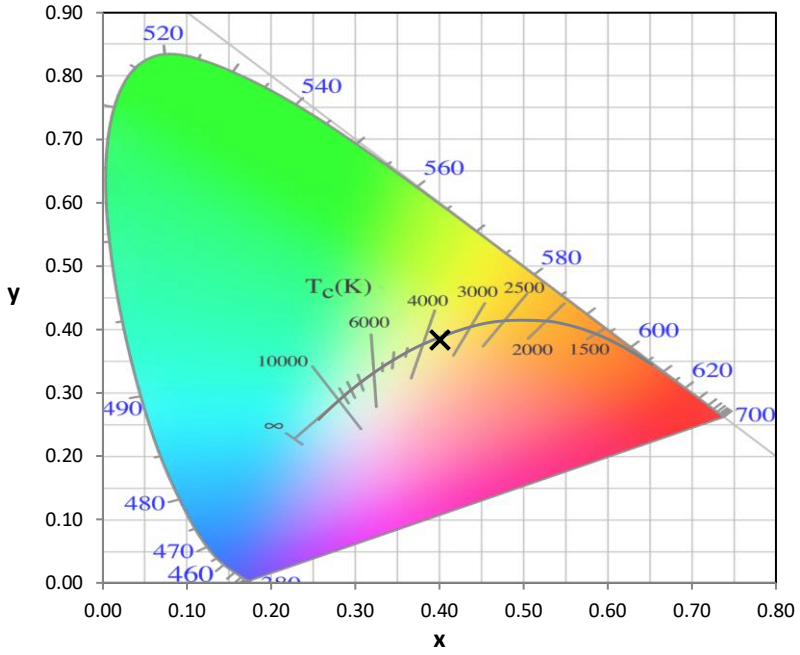
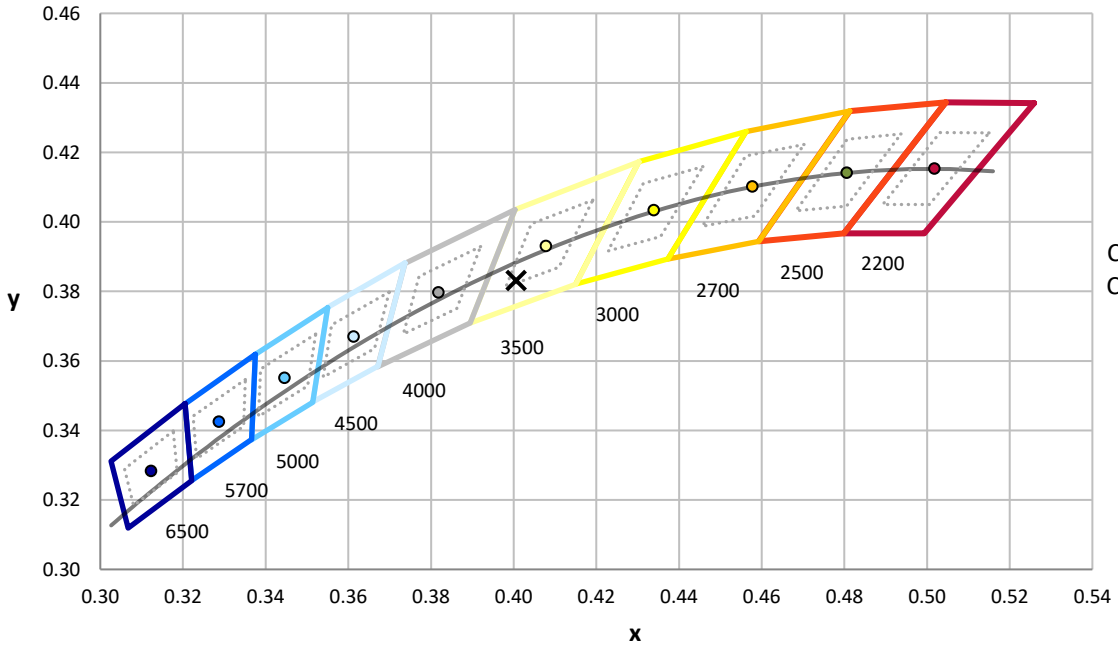
CIE 1931 Chromaticity Diagram



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



CCT = 3541K
CIE x = 0.4006
CIE y = 0.3831
Duv = -0.0023

Point lies inside the ANSI 3500K 4-step quadrangle

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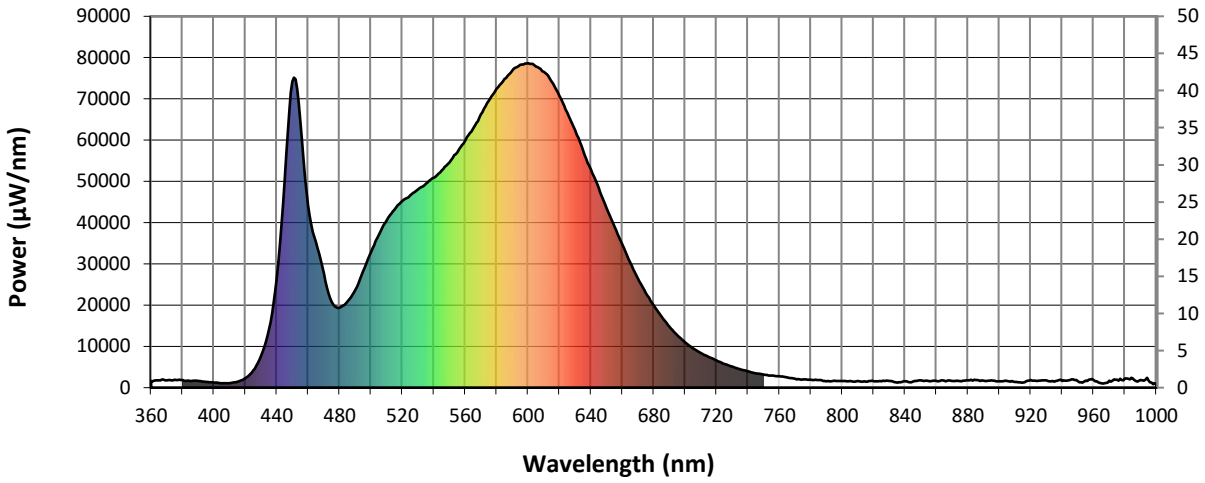
REPORT NUMBER: SP1-2312-242-2

Photopic Flux vs. Wavelength



######

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	1645	NR	490	23726	NR	620	70637	NR	750	3143	NR	880	1783	NR
365	1769	NR	495	28236	NR	625	66683	NR	755	2968	NR	885	1846	NR
370	1796	NR	500	32891	NR	630	62306	NR	760	2799	NR	890	1659	NR
375	1923	NR	505	37017	NR	635	57573	NR	765	2493	NR	895	1765	NR
380	1816	NR	510	40532	NR	640	52890	NR	770	2130	NR	900	1525	NR
385	1596	NR	515	43140	NR	645	48288	NR	775	1963	NR	905	1585	NR
390	1580	NR	520	45310	NR	650	43479	NR	780	1886	NR	910	1403	NR
395	1404	NR	525	46566	NR	655	39030	NR	785	1831	NR	915	1255	NR
400	1245	NR	530	48099	NR	660	34729	NR	790	1545	NR	920	1844	NR
405	1083	NR	535	49474	NR	665	30306	NR	795	1676	NR	925	1717	NR
410	1100	NR	540	50868	NR	670	26465	NR	800	1586	NR	930	1746	NR
415	1430	NR	545	52653	NR	675	22867	NR	805	1593	NR	935	1436	NR
420	2293	NR	550	54593	NR	680	19991	NR	810	1575	NR	940	1583	NR
425	4167	NR	555	57064	NR	685	17213	NR	815	1446	NR	945	1860	NR
430	7662	NR	560	59875	NR	690	14805	NR	820	1519	NR	950	1557	NR
435	14089	NR	565	62808	NR	695	12688	NR	825	1569	NR	955	1670	NR
440	26386	NR	570	66224	NR	700	11001	NR	830	1618	NR	960	1817	NR
445	50278	NR	575	69591	NR	705	9548	NR	835	1246	NR	965	1057	NR
450	74209	NR	580	72437	NR	710	8387	NR	840	1509	NR	970	1726	NR
455	64500	NR	585	74793	NR	715	7467	NR	845	1421	NR	975	1960	NR
460	44183	NR	590	76888	NR	720	6550	NR	850	1772	NR	980	2200	NR
465	35192	NR	595	78212	NR	725	5751	NR	855	1646	NR	985	2203	NR
470	27592	NR	600	78635	NR	730	5084	NR	860	1637	NR	990	1821	NR
475	20744	NR	605	77867	NR	735	4475	NR	865	1653	NR	995	1715	NR
480	19391	NR	610	76535	NR	740	3942	NR	870	1631	NR	1000	698	NR
485	20859	NR	615	74180	NR	745	3461	NR	875	1598	NR			

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Peachtree City, GA 30269

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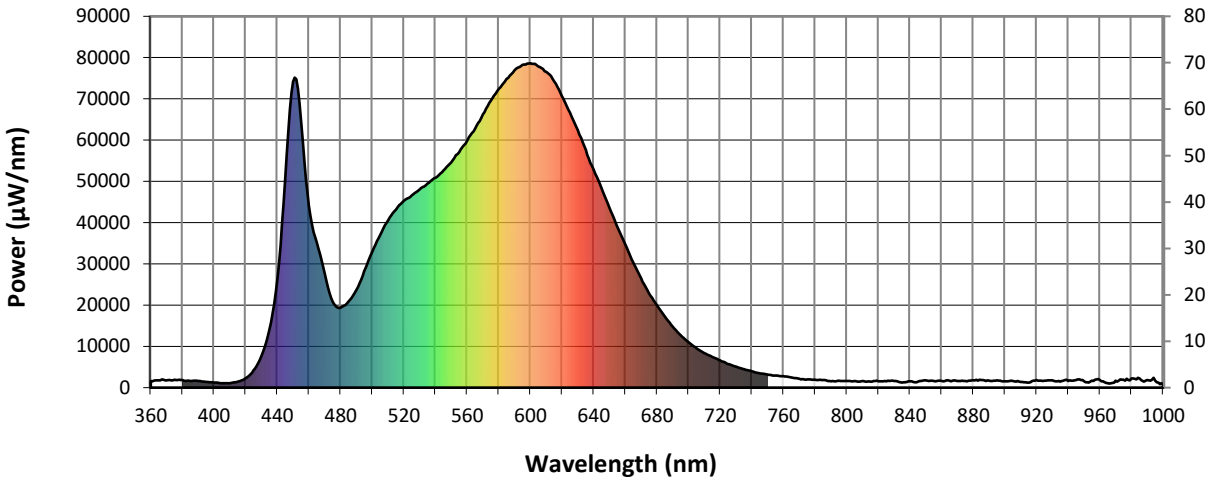
Scotopic Flux vs. Wavelength



Scotopic Lumens: 6627.8 **S/P: 1.58**

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	1645	NR	490	23726	NR	620	70637	NR	750	3143	NR	880	1783	NR
365	1769	NR	495	28236	NR	625	66683	NR	755	2968	NR	885	1846	NR
370	1796	NR	500	32891	NR	630	62306	NR	760	2799	NR	890	1659	NR
375	1923	NR	505	37017	NR	635	57573	NR	765	2493	NR	895	1765	NR
380	1816	NR	510	40532	NR	640	52890	NR	770	2130	NR	900	1525	NR
385	1596	NR	515	43140	NR	645	48288	NR	775	1963	NR	905	1585	NR
390	1580	NR	520	45310	NR	650	43479	NR	780	1886	NR	910	1403	NR
395	1404	NR	525	46566	NR	655	39030	NR	785	1831	NR	915	1255	NR
400	1245	NR	530	48099	NR	660	34729	NR	790	1545	NR	920	1844	NR
405	1083	NR	535	49474	NR	665	30306	NR	795	1676	NR	925	1717	NR
410	1100	NR	540	50868	NR	670	26465	NR	800	1586	NR	930	1746	NR
415	1430	NR	545	52653	NR	675	22867	NR	805	1593	NR	935	1436	NR
420	2293	NR	550	54593	NR	680	19991	NR	810	1575	NR	940	1583	NR
425	4167	NR	555	57064	NR	685	17213	NR	815	1446	NR	945	1860	NR
430	7662	NR	560	59875	NR	690	14805	NR	820	1519	NR	950	1557	NR
435	14089	NR	565	62808	NR	695	12688	NR	825	1569	NR	955	1670	NR
440	26386	NR	570	66224	NR	700	11001	NR	830	1618	NR	960	1817	NR
445	50278	NR	575	69591	NR	705	9548	NR	835	1246	NR	965	1057	NR
450	74209	NR	580	72437	NR	710	8387	NR	840	1509	NR	970	1726	NR
455	64500	NR	585	74793	NR	715	7467	NR	845	1421	NR	975	1960	NR
460	44183	NR	590	76888	NR	720	6550	NR	850	1772	NR	980	2200	NR
465	35192	NR	595	78212	NR	725	5751	NR	855	1646	NR	985	2203	NR
470	27592	NR	600	78635	NR	730	5084	NR	860	1637	NR	990	1821	NR
475	20744	NR	605	77867	NR	735	4475	NR	865	1653	NR	995	1715	NR
480	19391	NR	610	76535	NR	740	3942	NR	870	1631	NR	1000	698	NR
485	20859	NR	615	74180	NR	745	3461	NR	875	1598	NR			

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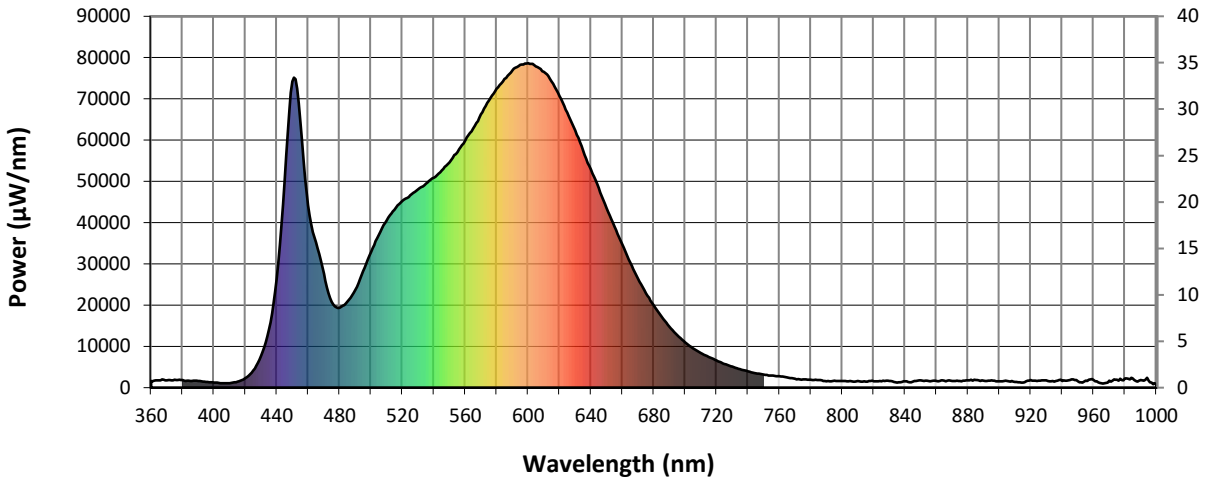
Melanopic Flux vs. Wavelength



Melanopic Lumens: 2648.1 **M/P: 0.63**

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	1645	NR	490	23726	NR	620	70637	NR	750	3143	NR	880	1783	NR
365	1769	NR	495	28236	NR	625	66683	NR	755	2968	NR	885	1846	NR
370	1796	NR	500	32891	NR	630	62306	NR	760	2799	NR	890	1659	NR
375	1923	NR	505	37017	NR	635	57573	NR	765	2493	NR	895	1765	NR
380	1816	NR	510	40532	NR	640	52890	NR	770	2130	NR	900	1525	NR
385	1596	NR	515	43140	NR	645	48288	NR	775	1963	NR	905	1585	NR
390	1580	NR	520	45310	NR	650	43479	NR	780	1886	NR	910	1403	NR
395	1404	NR	525	46566	NR	655	39030	NR	785	1831	NR	915	1255	NR
400	1245	NR	530	48099	NR	660	34729	NR	790	1545	NR	920	1844	NR
405	1083	NR	535	49474	NR	665	30306	NR	795	1676	NR	925	1717	NR
410	1100	NR	540	50868	NR	670	26465	NR	800	1586	NR	930	1746	NR
415	1430	NR	545	52653	NR	675	22867	NR	805	1593	NR	935	1436	NR
420	2293	NR	550	54593	NR	680	19991	NR	810	1575	NR	940	1583	NR
425	4167	NR	555	57064	NR	685	17213	NR	815	1446	NR	945	1860	NR
430	7662	NR	560	59875	NR	690	14805	NR	820	1519	NR	950	1557	NR
435	14089	NR	565	62808	NR	695	12688	NR	825	1569	NR	955	1670	NR
440	26386	NR	570	66224	NR	700	11001	NR	830	1618	NR	960	1817	NR
445	50278	NR	575	69591	NR	705	9548	NR	835	1246	NR	965	1057	NR
450	74209	NR	580	72437	NR	710	8387	NR	840	1509	NR	970	1726	NR
455	64500	NR	585	74793	NR	715	7467	NR	845	1421	NR	975	1960	NR
460	44183	NR	590	76888	NR	720	6550	NR	850	1772	NR	980	2200	NR
465	35192	NR	595	78212	NR	725	5751	NR	855	1646	NR	985	2203	NR
470	27592	NR	600	78635	NR	730	5084	NR	860	1637	NR	990	1821	NR
475	20744	NR	605	77867	NR	735	4475	NR	865	1653	NR	995	1715	NR
480	19391	NR	610	76535	NR	740	3942	NR	870	1631	NR	1000	698	NR
485	20859	NR	615	74180	NR	745	3461	NR	875	1598	NR			

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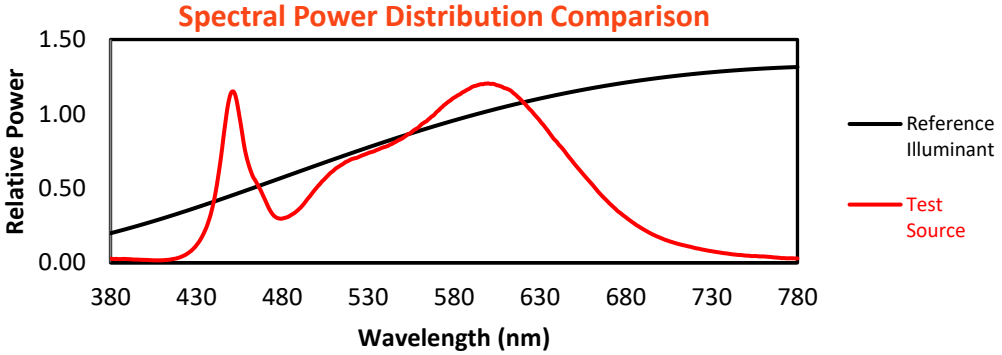
TM-30-18

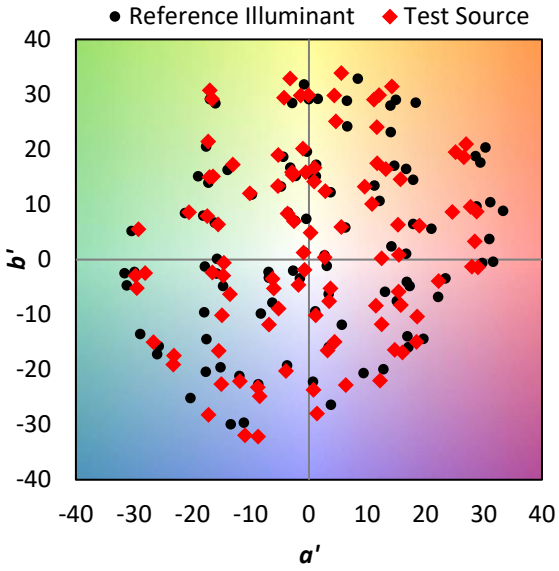
Summary

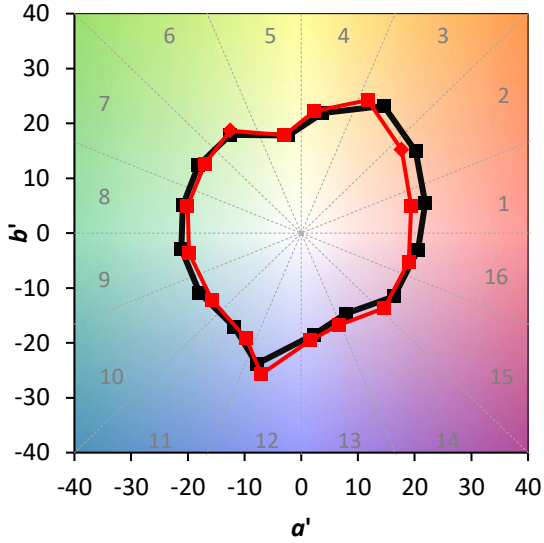
R_f = 85.1
R_g = 96.5
CIE R_a = 84.5
R_9 = 14.2

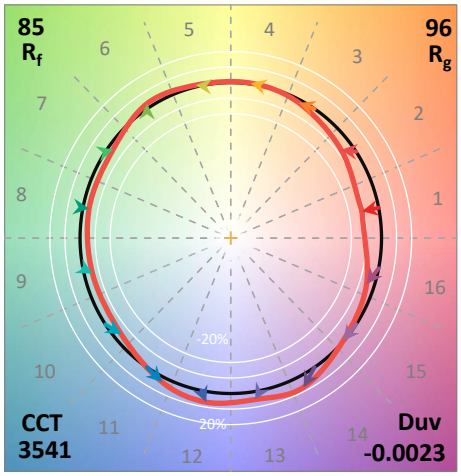
Spectral Power Distribution Comparison

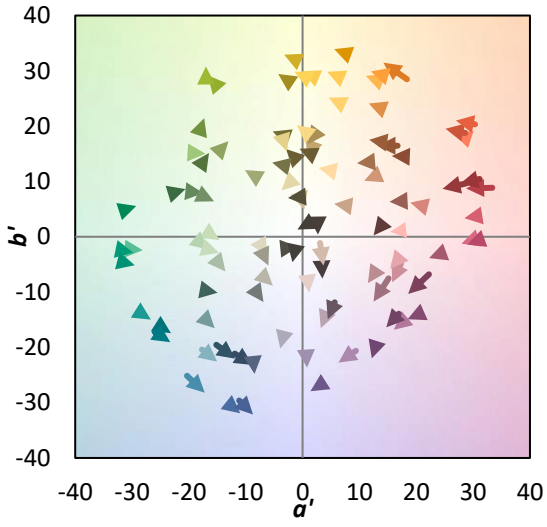


Color Vector Graphics









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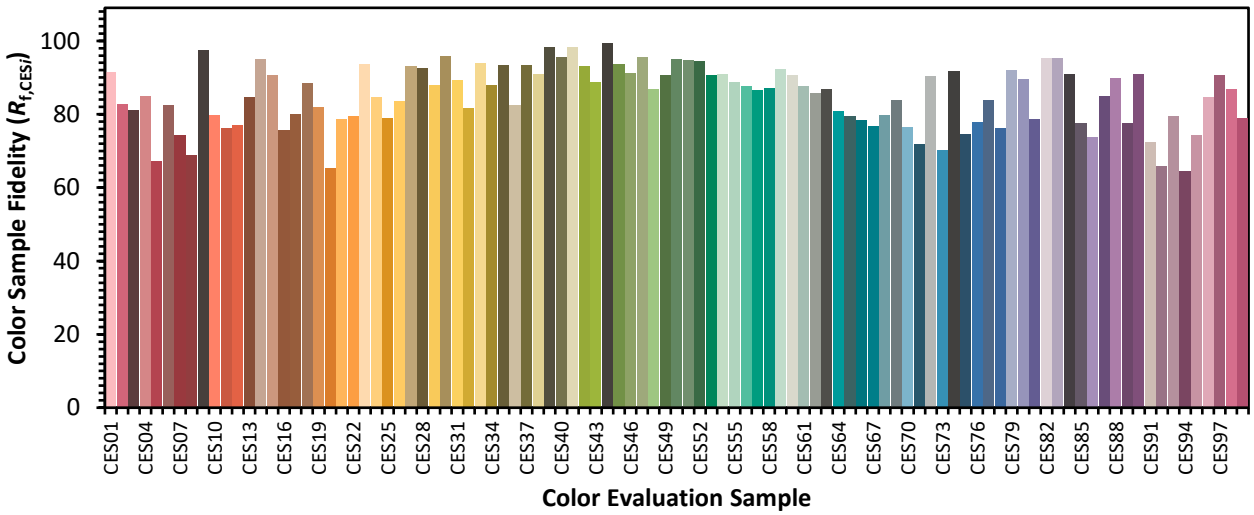
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 83	CES51 = 95	CES76 = 78
CES02 = 62	CES27 = 93	CES52 = 95	CES77 = 84
CES03 = 31	CES28 = 92	CES53 = 91	CES78 = 76
CES04 = 70	CES29 = 88	CES54 = 91	CES79 = 92
CES05 = 49	CES30 = 96	CES55 = 89	CES80 = 90
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 79
CES07 = 41	CES32 = 82	CES57 = 87	CES82 = 95
CES08 = 40	CES33 = 94	CES58 = 87	CES83 = 95
CES09 = 29	CES34 = 88	CES59 = 92	CES84 = 91
CES10 = 75	CES35 = 93	CES60 = 91	CES85 = 78
CES11 = 58	CES36 = 82	CES61 = 88	CES86 = 74
CES12 = 64	CES37 = 93	CES62 = 86	CES87 = 85
CES13 = 43	CES38 = 91	CES63 = 87	CES88 = 90
CES14 = 74	CES39 = 98	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 96	CES65 = 79	CES90 = 91
CES16 = 47	CES41 = 98	CES66 = 78	CES91 = 72
CES17 = 50	CES42 = 93	CES67 = 77	CES92 = 66
CES18 = 56	CES43 = 89	CES68 = 80	CES93 = 80
CES19 = 72	CES44 = 99	CES69 = 84	CES94 = 64
CES20 = 66	CES45 = 94	CES70 = 77	CES95 = 74
CES21 = 86	CES46 = 91	CES71 = 72	CES96 = 85
CES22 = 78	CES47 = 95	CES72 = 90	CES97 = 91
CES23 = 92	CES48 = 87	CES73 = 70	CES98 = 87
CES24 = 90	CES49 = 91	CES74 = 92	CES99 = 79
CES25 = 72	CES50 = 95	CES75 = 75	



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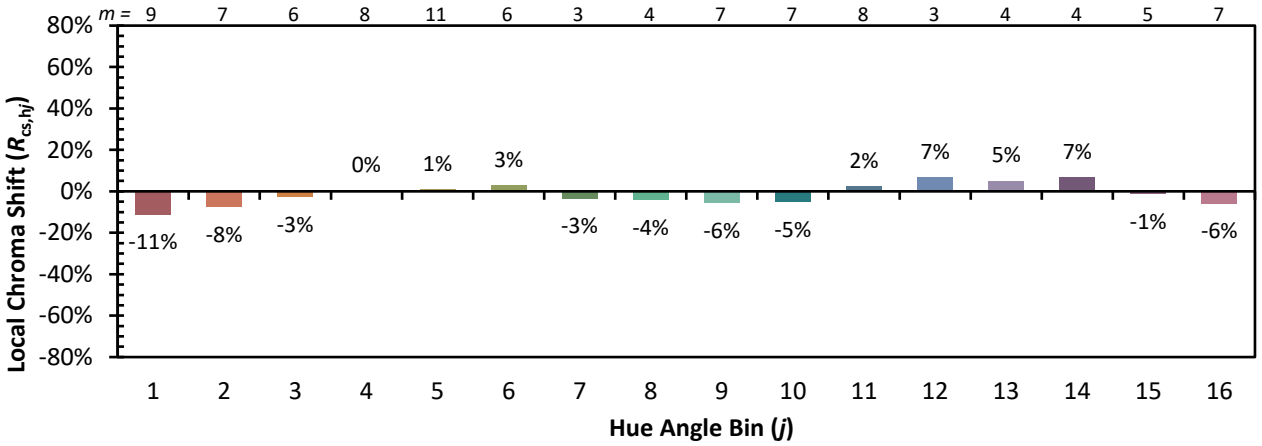
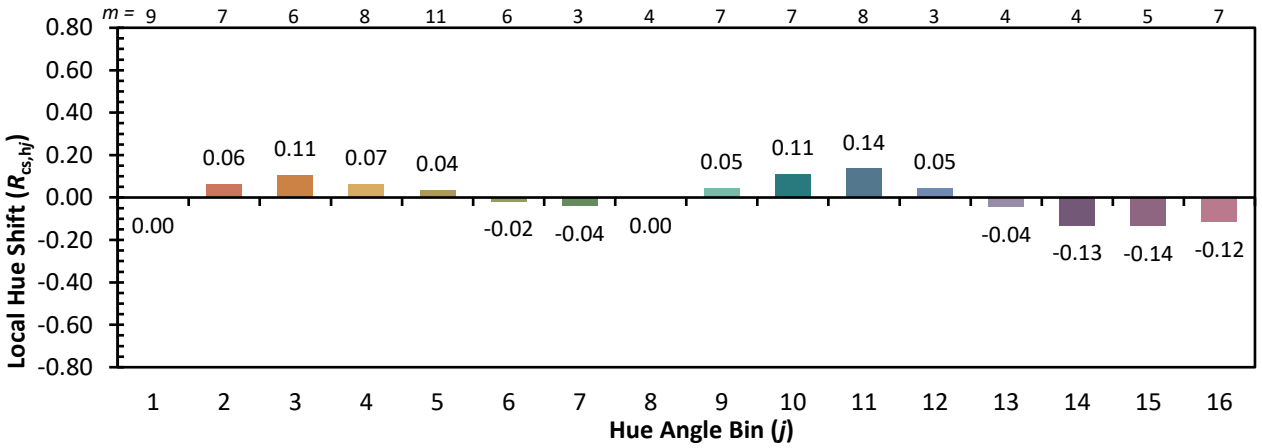
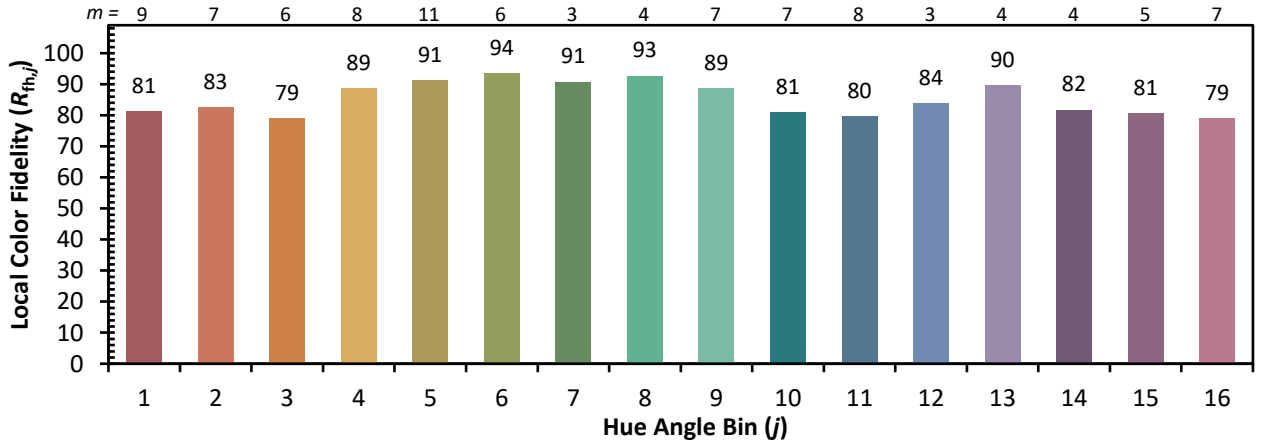
Color Rendition by Hue-Angle Bin







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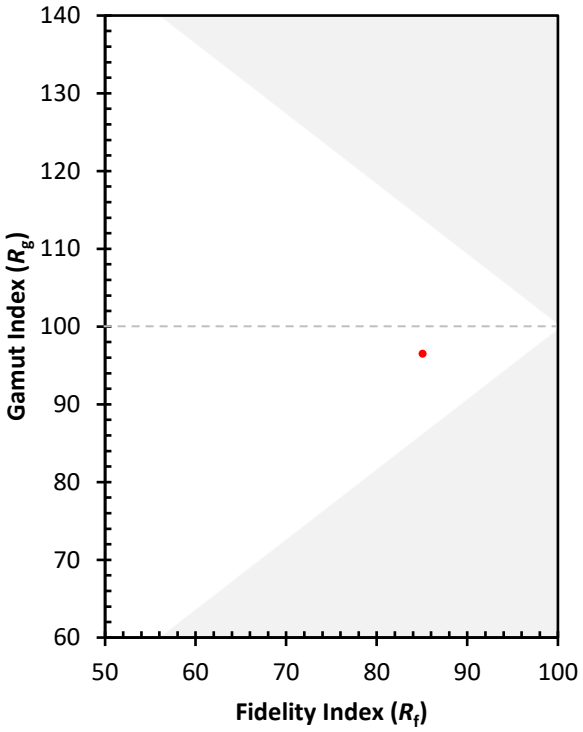
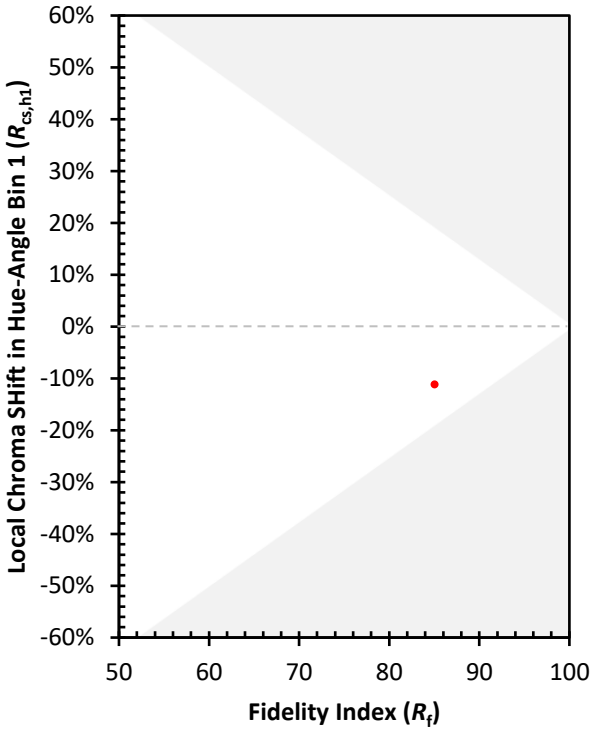
Measure Comparisons





Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

TEST NUMBER: P958983
CATALOG NUMBER: CB2-B-085U-055D-835-1D-UNV-STD-W-4

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	14.91	15.63	16.00	16.71	18.21	13.81	14.53	14.90	15.62	17.11
	3H	16.54	17.18	17.64	18.28	19.80	15.32	15.97	16.43	17.07	18.58
	4H	17.16	17.77	18.27	18.87	20.39	15.89	16.50	17.00	17.60	19.12
	6H	17.56	18.12	18.68	19.22	20.75	16.25	16.82	17.38	17.92	19.45
	8H	17.70	18.24	18.83	19.35	20.88	16.39	16.93	17.52	18.04	19.57
	12H	17.77	18.28	18.90	19.39	20.94	16.45	16.96	17.58	18.07	19.62
4H	2H	15.30	15.91	16.42	17.01	18.53	14.42	15.03	15.54	16.13	17.65
	3H	17.15	17.66	18.28	18.79	20.32	16.15	16.66	17.27	17.78	19.31
	4H	17.89	18.36	19.02	19.48	21.03	16.81	17.28	17.94	18.40	19.95
	6H	18.41	18.81	19.54	19.95	21.49	17.28	17.68	18.42	18.82	20.36
	8H	18.61	18.98	19.74	20.11	21.67	17.47	17.84	18.60	18.97	20.53
	12H	18.71	19.05	19.86	20.19	21.75	17.55	17.89	18.70	19.03	20.60
8H	4H	18.04	18.41	19.18	19.54	21.10	17.08	17.45	18.21	18.58	20.14
	6H	18.68	18.98	19.83	20.16	21.71	17.67	17.98	18.83	19.16	20.71
	8H	18.97	19.23	20.13	20.39	21.96	17.95	18.22	19.11	19.37	20.95
	12H	19.13	19.37	20.30	20.52	22.13	18.09	18.33	19.26	19.48	21.09
12H	4H	18.01	18.35	19.16	19.49	21.06	17.07	17.41	18.22	18.55	20.12
	6H	18.70	18.97	19.87	20.13	21.70	17.74	18.01	18.90	19.16	20.74
	8H	19.01	19.25	20.18	20.40	22.01	18.04	18.27	19.20	19.42	21.03

END OF REPORT