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: P959019

Luminaire Tested: CB3-B-055U-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:	P959019
	REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-119-2, G2-2312-242-8)
Test Lab:	INNOVATION CENTER
Issue Date:	2/12/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	CB3-B-055U-055D-835-1D-UNV-STD-W-4
Description:	CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
	3-INCH APERTURE
	DOWNLIGHT 550 LUMENS PER FOOT
	UPLIGHT 550 LUMENS PER FOOT
Light Source:	3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5020.5 lumens
Efficiency:	N/A
Efficacy:	154.5 lumens/watt
Spacing Criteria (0/90/45):	1.18 / 1.13 / 1.26
Luminous Opening:	Rectangular (W 0.24' x L: 4' x H: 0')
CIE Type:	General Diffuse

Input Watts (W):	32.5
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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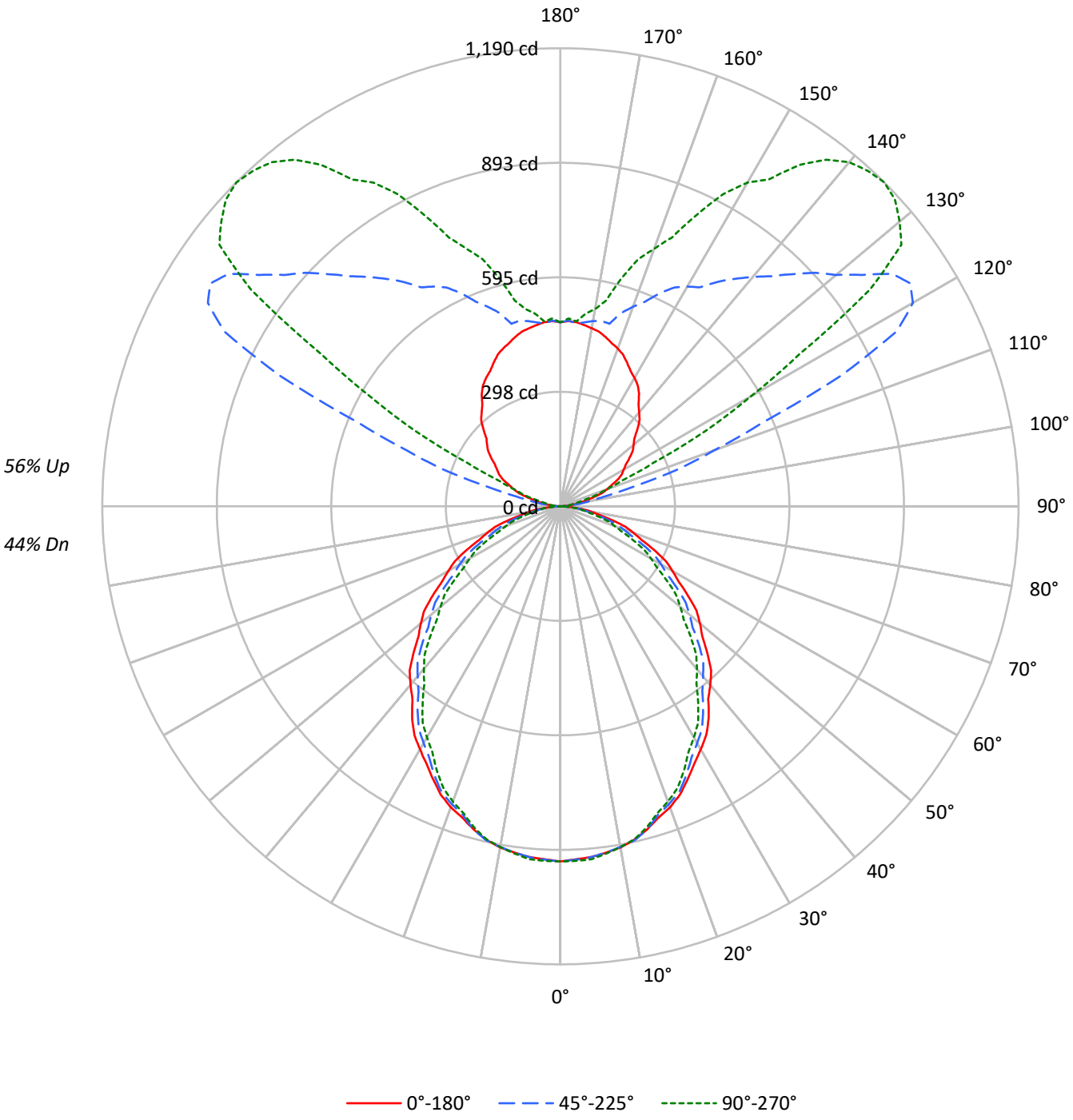
TEST NUMBER: P959019
CATALOG NUMBER: CB3-B-055U-055D-835-1D-UNV-STD-W-4

Luminous Intensity Polar Plot



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TEST NUMBER: P959019
CATALOG NUMBER: CB3-B-055U-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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51	44
1	97	92	89	85	88	85	81	79	70	68	66	57	56	54	45	44	43	37
2	88	81	75	70	80	74	69	65	62	58	55	50	48	45	40	38	36	32
3	80	71	64	58	73	65	59	54	55	50	46	45	41	39	35	33	31	27
4	74	63	55	49	67	58	51	46	49	44	40	40	36	33	32	29	27	23
5	68	56	48	42	62	52	45	40	44	38	34	36	32	29	29	26	24	20
6	62	50	42	37	57	47	40	34	39	34	30	32	28	25	26	23	21	18
7	58	46	38	32	53	42	35	30	36	30	26	29	25	22	24	21	19	16
8	53	41	34	28	49	38	31	27	32	27	23	27	23	20	22	19	17	14
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15	13
10	46	35	27	23	43	32	26	21	27	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10437	10437	10437
5°	10388	10395	10455
10°	10343	10328	10328
15°	10184	10184	10122
20°	10018	9916	9829
25°	9765	9643	9472
30°	9527	9279	9055
35°	9275	8931	8615
40°	8942	8515	8147
45°	8637	8145	7642
50°	8326	7703	7150
55°	7987	7275	6681
60°	7619	6834	6153
65°	7191	6332	5595
70°	6696	5743	4985
75°	6072	5040	4437
80°	5291	4229	3929
85°	4076	3570	3570

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8637 cd/sqm

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TEST NUMBER: P959019
CATALOG NUMBER: CB3-B-055U-055D-835-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.0	1.7
10°-20°	244.5	4.9
20°-30°	355.3	7.1
30°-40°	403.9	8.0
40°-50°	392.1	7.8
50°-60°	331.0	6.6
60°-70°	235.5	4.7
70°-80°	125.8	2.5
80°-90°	33.2	0.7
90°-100°	32.3	0.6
100°-110°	169.4	3.4
110°-120°	426.5	8.5
120°-130°	658.0	13.1
130°-140°	602.3	12.0
140°-150°	444.5	8.9
150°-160°	283.4	5.6
160°-170°	149.2	3.0
170°-180°	46.4	0.9
0°-30°	686.8	13.7
0°-40°	1090.7	21.7
0°-60°	1813.8	36.1
0°-90°	2208.4	44.0
90°-120°	628.3	12.5
90°-150°	2333.1	46.5
90°-180°	2812.0	56.0
0°-180°	5020.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	922	922	922	922	922	
5°	915	926	915	914	920	87
15°	869	877	869	864	864	245
25°	782	785	772	762	759	360
35°	672	665	647	628	624	418
45°	540	532	509	485	478	416
55°	405	394	369	345	339	362
65°	269	259	236	215	209	266
75°	139	131	115	104	102	148
85°	31	29	28	28	28	37
90°	0	0	0	0	0	2
95°	17	48	19	10	10	21
105°	86	268	194	80	65	92
115°	164	335	805	350	265	160
125°	219	338	1053	1062	982	196
135°	282	377	853	1163	1190	218
145°	356	412	712	990	1083	221
155°	411	442	611	756	834	189
165°	455	467	491	574	613	128
175°	480	490	476	478	482	45
180°	478	478	478	478	478	

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TEST NUMBER: P959019
CATALOG NUMBER: CB3-B-055U-055D-835-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	922.4	922.4	922.4	922.4	*922.4*
2.5°	917.7	927.0	918.8	919.9	*921.9*
5°	914.6	926.1	915.2	914.1	*920.5*
7.5°	907.5	918.0	906.7	904.1	*909.9*
10°	900.2	911.7	898.9	895.7	*898.9*
12.5°	887.1	899.1	888.9	883.6	*886.3*
15°	869.4	877.1	869.4	864.1	*864.1*
17.5°	847.8	855.8	841.3	837.6	*836.2*
20°	832.0	839.1	823.5	818.2	*816.3*
22.5°	811.1	817.6	804.7	795.7	*793.3*
25°	782.2	784.8	772.4	761.9	*758.7*
27.5°	753.3	753.9	736.9	724.1	*719.9*
30°	729.2	729.8	710.2	696.3	*693.1*
32.5°	705.1	703.1	684.5	668.1	*665.9*
35°	671.5	665.1	646.6	627.5	*623.7*
37.5°	631.0	627.2	605.4	586.2	*580.5*
40°	605.4	598.9	576.5	557.4	*551.6*
42.5°	579.7	572.2	549.3	528.0	*521.8*
45°	539.8	531.5	509.0	484.6	*477.6*
47.5°	499.7	490.6	465.9	442.3	*434.5*
50°	473.0	463.4	437.6	414.5	*406.2*
52.5°	445.8	435.6	409.9	386.3	*379.5*
55°	404.9	394.0	368.8	345.1	*338.7*
57.5°	364.0	353.2	328.2	305.8	*298.1*
60°	336.7	326.5	302.0	279.6	*271.9*
62.5°	309.0	299.2	275.3	253.4	*246.2*
65°	268.6	259.0	236.5	215.4	*209.0*
67.5°	228.6	220.4	198.2	178.9	*173.7*
70°	202.4	194.8	173.6	155.8	*150.7*
72.5°	177.3	169.1	149.0	133.8	*130.2*
75°	138.9	131.2	115.3	103.5	*101.5*
77.5°	103.8	97.5	83.7	77.0	*76.0*
80°	81.2	75.5	64.9	60.3	*60.3*
82.5°	60.3	55.5	48.6	46.6	*46.6*
85°	31.4	28.9	27.5	27.5	*27.5*
87.5°	9.4	9.4	8.9	8.4	*8.4*
90°	0.0	0.0	0.0	0.0	*0.0*
92.5°	5.1	11.6	3.4	1.7	*3.4*
95°	16.8	47.7	19.0	10.5	*10.5*
97.5°	35.0	106.6	48.9	26.1	*23.6*
100°	48.4	151.4	75.8	37.8	*33.7*
102.5°	63.6	196.2	114.6	51.2	*43.8*
105°	86.4	267.6	193.8	79.7	*65.3*
107.5°	111.6	316.3	319.3	122.9	*99.0*
110°	128.5	336.5	425.5	161.3	*124.3*

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	143.6	341.8	567.0	220.0	*169.8*
115°	164.3	335.2	804.6	349.8	*265.4*
117.5°	179.5	319.1	984.9	556.5	*429.2*
120°	189.6	319.3	1057.3	712.9	*570.8*
122.5°	201.4	321.2	1077.5	868.2	*737.6*
125°	219.0	338.5	1053.1	1061.8	*981.5*
127.5°	236.7	351.2	987.4	1141.4	*1116.3*
130°	248.5	359.7	935.2	1168.5	*1150.0*
132.5°	260.3	368.2	898.1	1169.2	*1178.6*
135°	*282.2*	*377.0*	*853.0*	*1163.2*	*1190.0*
137.5°	304.6	387.8	810.9	1126.4	*1182.0*
140°	318.0	396.3	777.2	1086.5	*1166.9*
142.5°	333.2	403.2	745.2	1049.6	*1134.8*
145°	356.0	411.6	711.9	989.9	*1082.6*
147.5°	373.6	416.1	674.4	929.7	*1006.4*
150°	385.4	416.3	659.2	876.2	*971.0*
152.5°	395.5	424.8	640.7	827.2	*913.7*
155°	410.7	441.6	610.8	755.8	*834.1*
157.5°	425.9	455.5	575.4	702.6	*755.7*
160°	436.0	460.7	551.8	676.9	*711.9*
162.5°	444.4	465.8	526.6	633.2	*673.2*
165°	454.9	467.3	490.8	573.8	*612.9*
167.5°	464.6	470.8	493.7	515.5	*547.2*
170°	469.7	475.9	488.6	509.9	*520.2*
172.5°	474.7	484.2	481.9	496.4	*505.1*
175°	480.2	490.5	476.0	478.2	*482.3*
177.5°	481.5	486.4	483.2	483.3	*488.2*
180°	478.1	478.1	478.1	478.1	*478.1*

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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

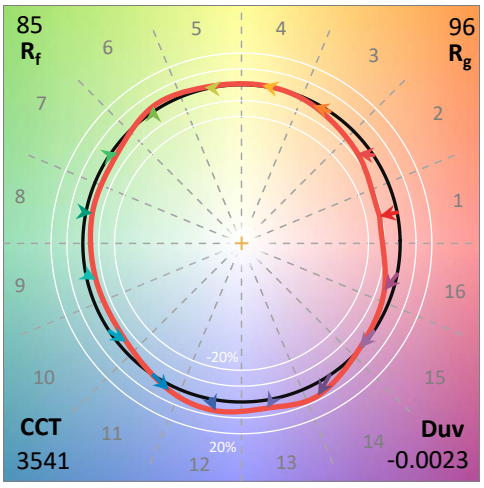
Test Method:	LM-79-2019
Report Number:	SP1-2312-242-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/31/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	**CB2-055U055D-835-1D-UNV-STD-D-W-4**
Description:	CORELITE 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

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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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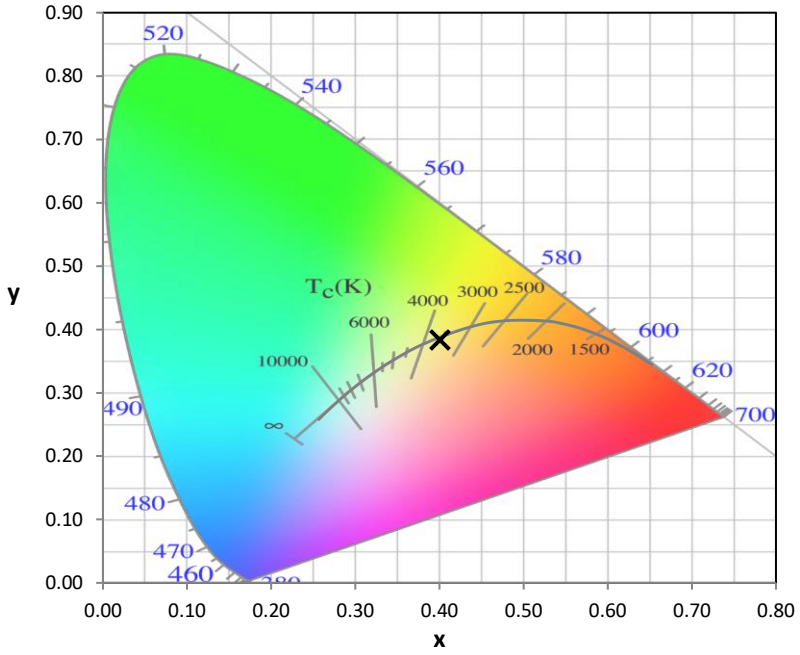
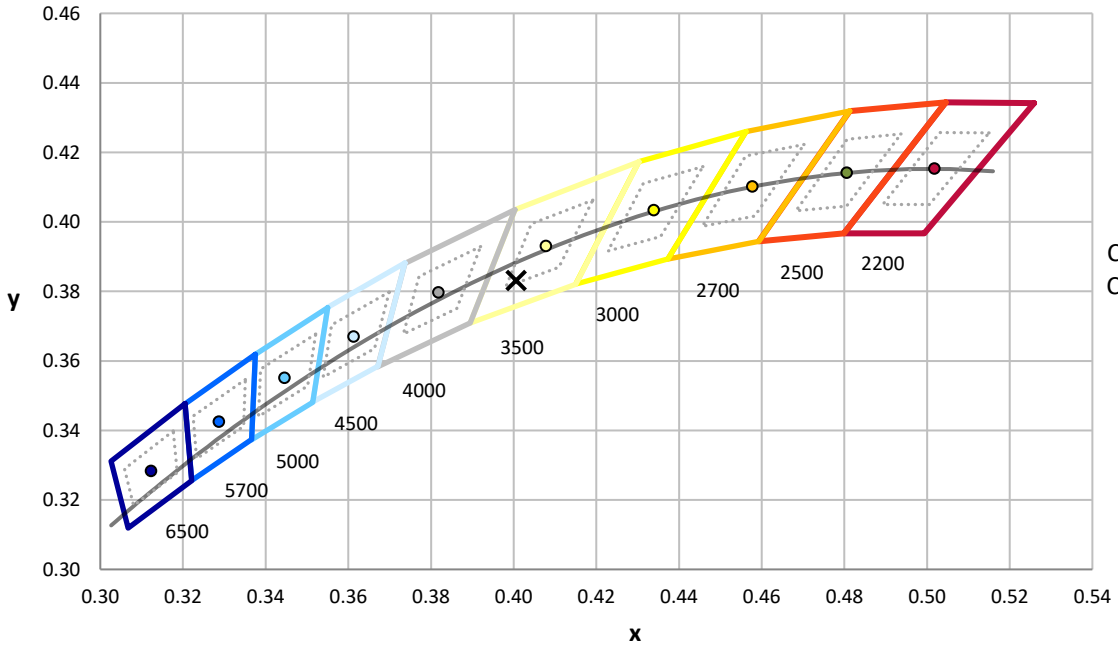
REPORT NUMBER: SP1-2312-242-2

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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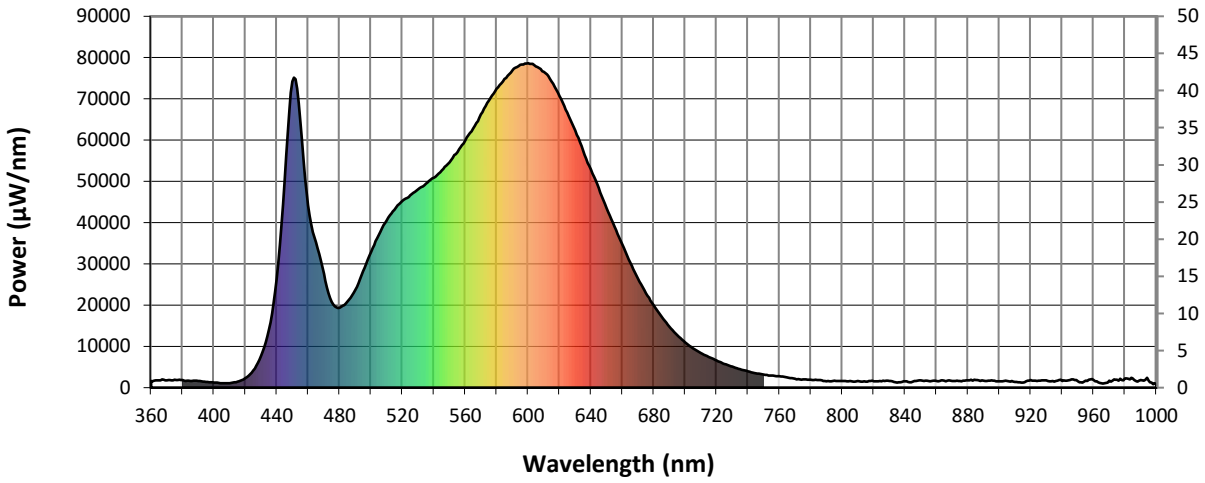
Peachtree City, GA 30269

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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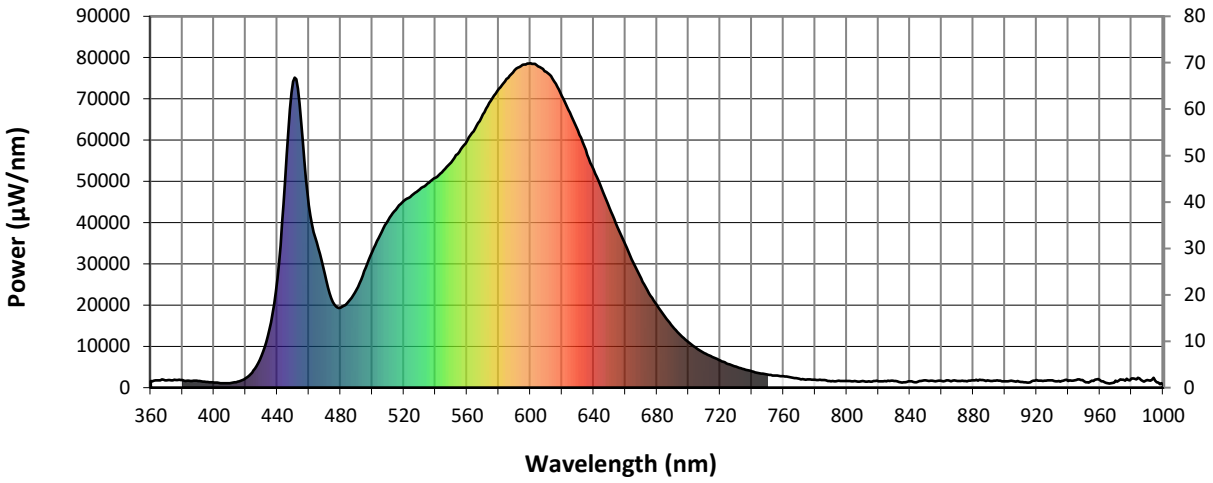
REPORT NUMBER: SP1-2312-242-2

Scotopic Flux vs. Wavelength



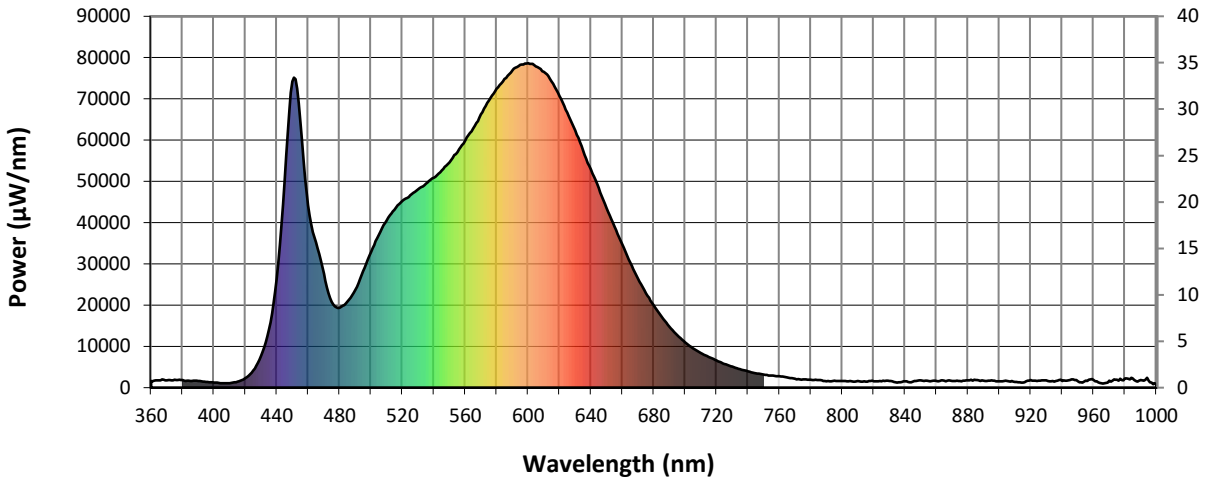
Scotopic Lumens: 6627.8 **S/P: 1.58**

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			

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

REPORT NUMBER: SP1-2312-242-2

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			

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

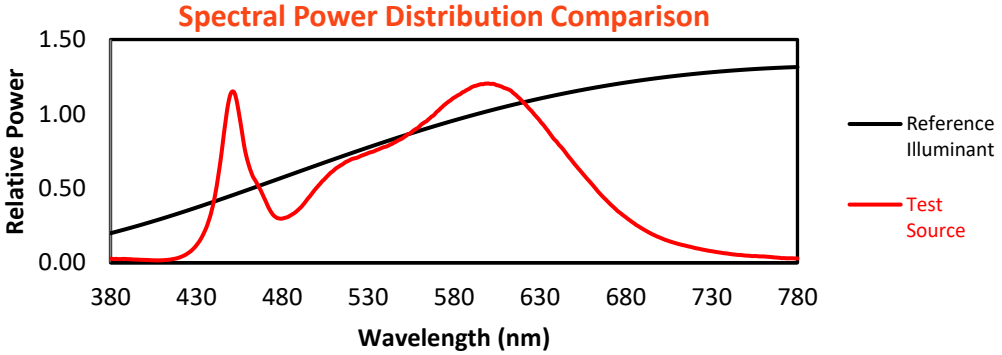
REPORT NUMBER: SP1-2312-242-2

TM-30-18

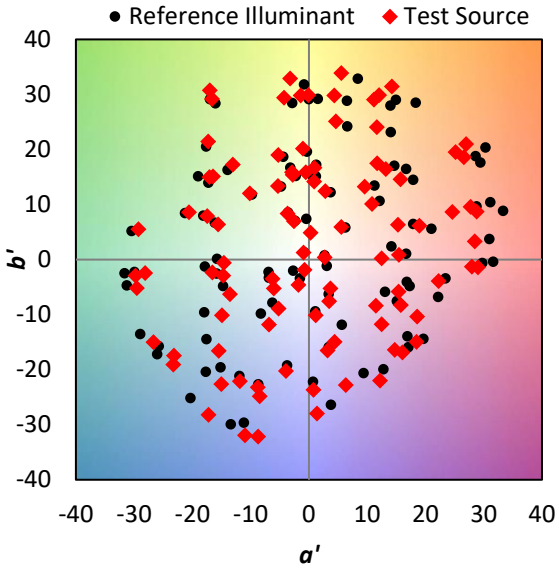
Summary

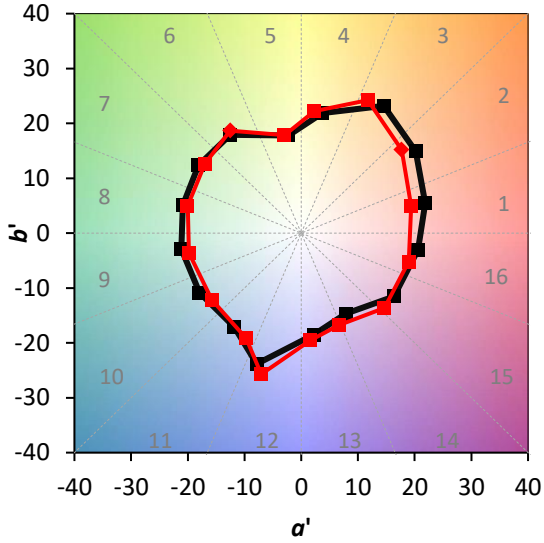
R_f = 85.1
R_g = 96.5
CIE R_a = 84.5
R_9 = 14.2

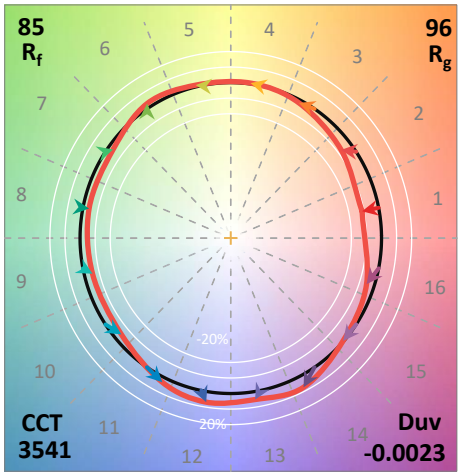
Spectral Power Distribution Comparison

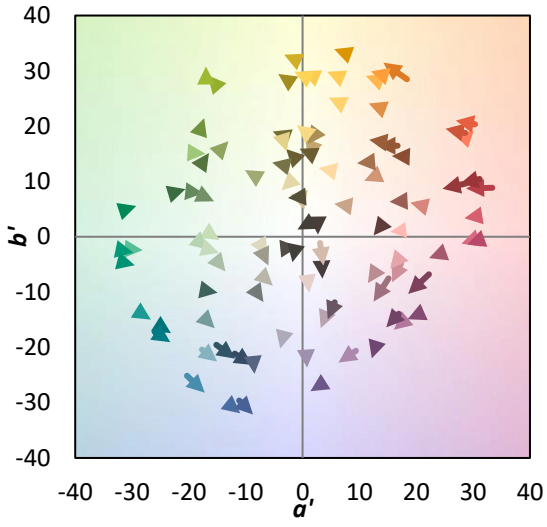


Color Vector Graphics









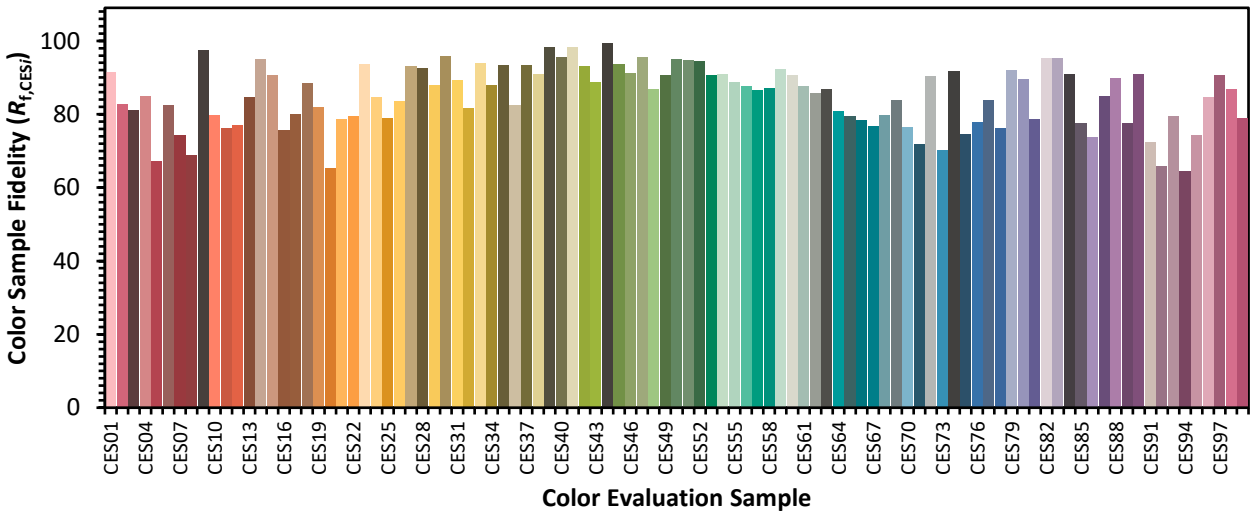
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2312-242-2

TM-30-18

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	

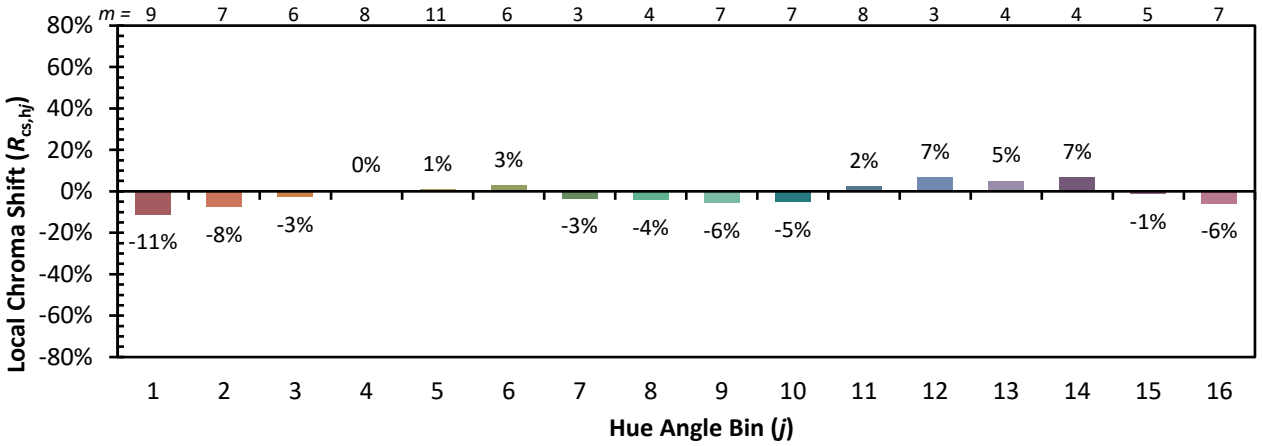


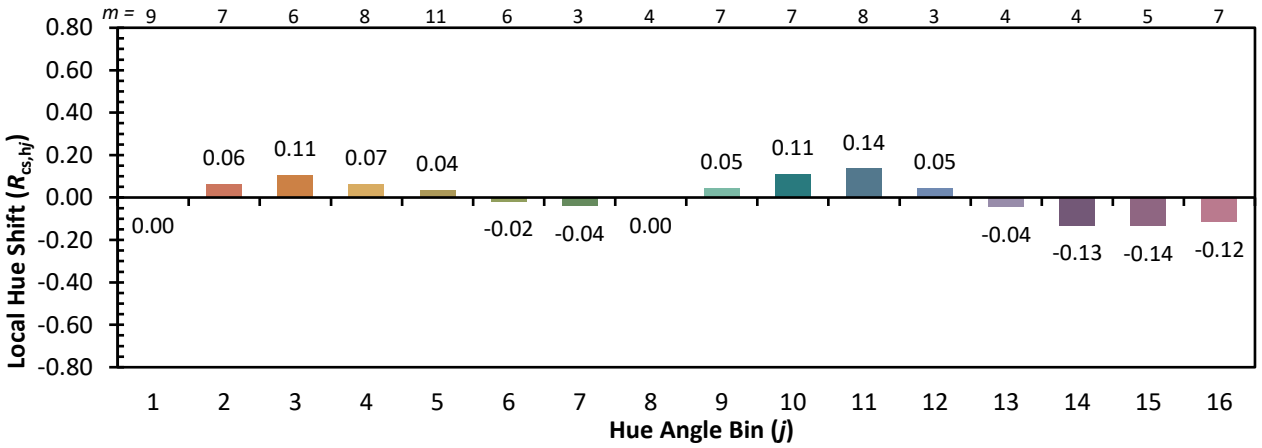
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

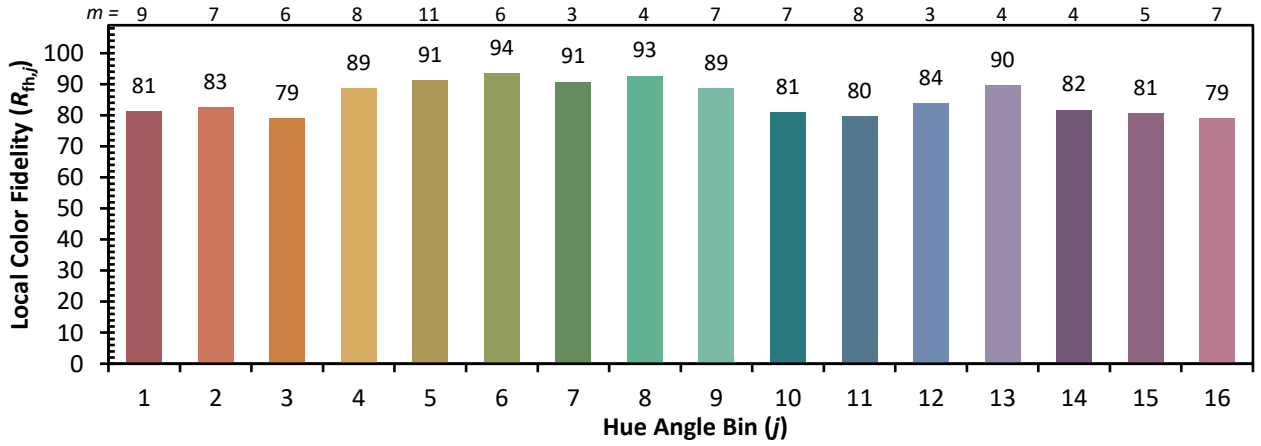
REPORT NUMBER: SP1-2312-242-2

TM-30-18

Color Rendition by Hue-Angle Bin





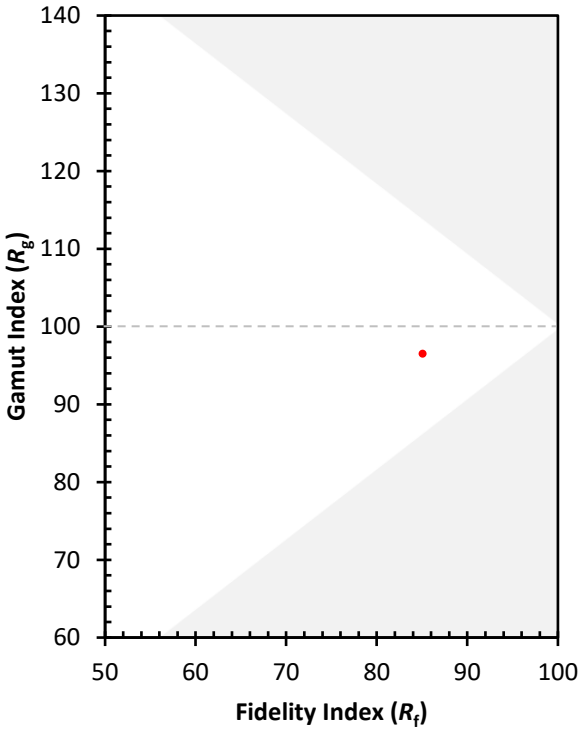


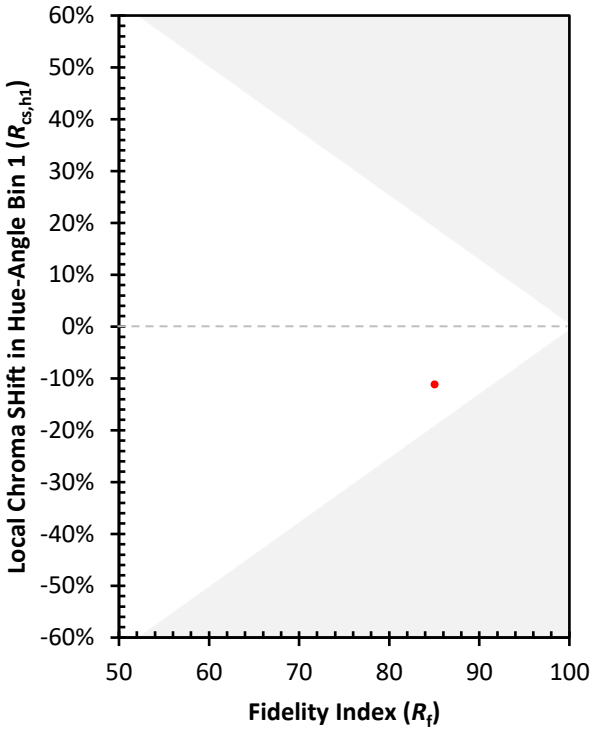
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2312-242-2

TM-30-18

Measure Comparisons





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

Scaled Data Report

TEST NUMBER: P959019
CATALOG NUMBER: CB3-B-055U-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	14.71	15.51	15.72	16.53	17.89	13.64	14.44	14.65	15.45	16.81
	3H	16.38	17.09	17.39	18.12	19.49	15.04	15.76	16.06	16.79	18.16
	4H	17.00	17.68	18.04	18.71	20.09	15.56	16.24	16.59	17.27	18.65
	6H	17.39	18.01	18.43	19.04	20.44	15.87	16.50	16.92	17.53	18.93
	8H	17.52	18.12	18.57	19.17	20.56	15.99	16.59	17.04	17.64	19.03
	12H	17.59	18.15	18.64	19.19	20.61	16.07	16.63	17.12	17.68	19.09
4H	2H	15.11	15.79	16.15	16.82	18.21	14.26	14.93	15.29	15.96	17.35
	3H	17.00	17.56	18.04	18.62	20.02	15.87	16.43	16.92	17.49	18.89
	4H	17.74	18.26	18.80	19.31	20.73	16.47	16.99	17.53	18.04	19.46
	6H	18.24	18.69	19.31	19.76	21.17	16.88	17.33	17.95	18.40	19.81
	8H	18.43	18.85	19.50	19.91	21.34	17.05	17.47	18.11	18.53	19.96
	12H	18.53	18.90	19.61	19.98	21.42	17.15	17.53	18.23	18.61	20.04
8H	4H	17.87	18.28	18.93	19.35	20.78	16.73	17.15	17.79	18.21	19.64
	6H	18.49	18.83	19.57	19.94	21.36	17.26	17.60	18.34	18.71	20.13
	8H	18.76	19.06	19.85	20.15	21.60	17.51	17.81	18.60	18.90	20.34
	12H	18.92	19.19	20.02	20.27	21.76	17.68	17.95	18.78	19.03	20.52
12H	4H	17.84	18.21	18.92	19.29	20.73	16.73	17.10	17.81	18.18	19.62
	6H	18.50	18.80	19.60	19.89	21.34	17.31	17.61	18.41	18.70	20.15
	8H	18.80	19.06	19.90	20.15	21.63	17.59	17.86	18.69	18.94	20.43

END OF REPORT