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: P958993

Luminaire Tested: CB2-B-125U-030D-840-1D-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:	P958993
	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-125U-030D-840-1D-UNV-STD-W-4
Description:	CORELITE BASIC SLOT LED LUMINAIRE, BATWING UPLIGHT
	2-INCH APERTURE
	DOWNLIGHT 300 LUMENS PER FOOT
	UPLIGHT 1250 LUMENS PER FOOT
Light Source:	4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7808.4 lumens
Efficiency:	N/A
Efficacy:	160.7 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

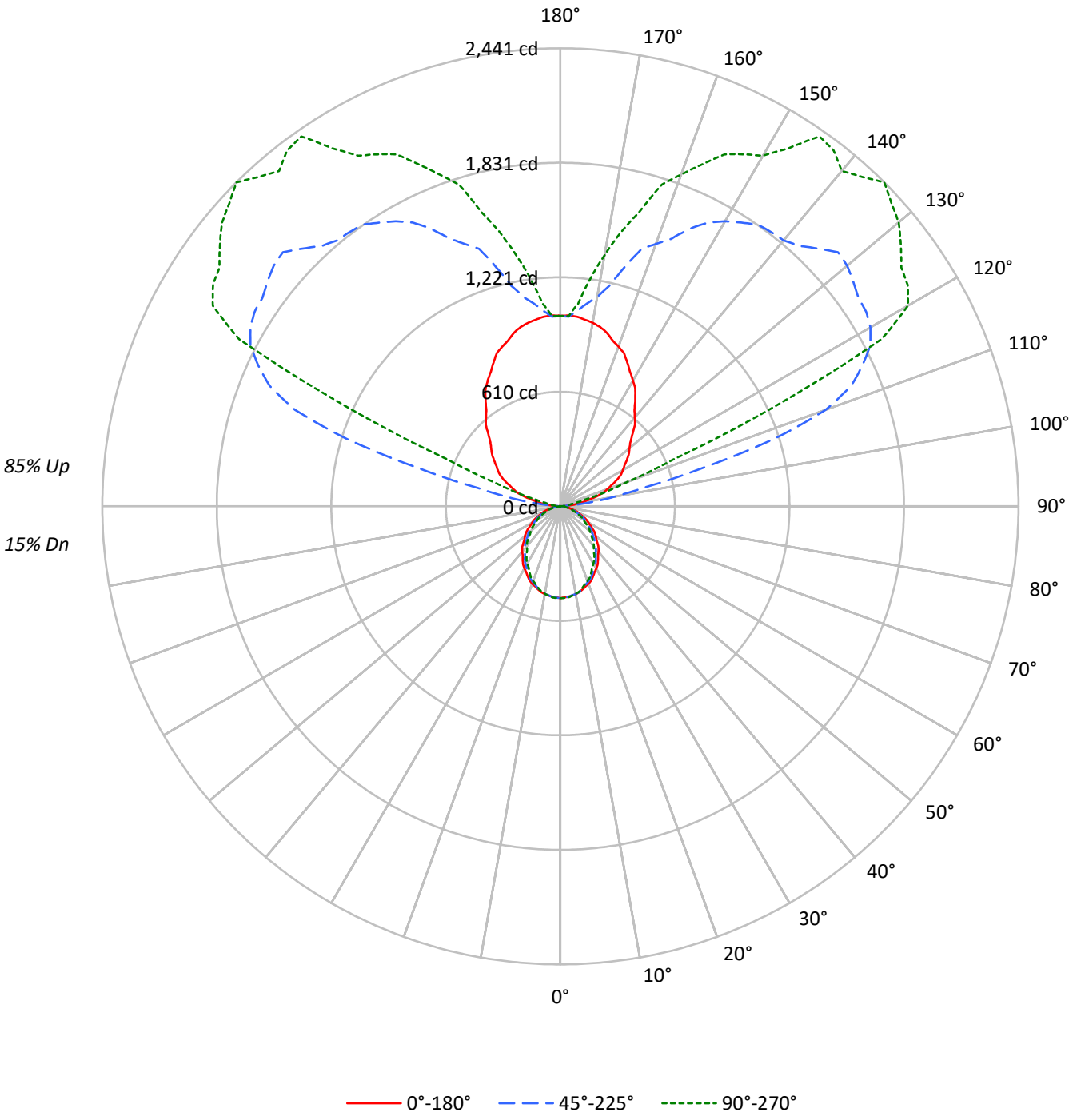
Input Watts (W):	48.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-UNV-STD-W-4

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-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	99	99	99	99	86	86	86	86	64	64	64	43	43	43	24	24	24	15
1	90	86	82	79	79	75	72	70	56	54	52	38	36	35	21	20	20	12
2	82	75	69	64	71	66	61	57	49	46	43	33	31	30	18	18	17	10
3	75	66	59	54	65	58	52	48	43	39	36	29	27	25	16	15	14	9
4	68	58	51	45	59	51	45	40	38	34	31	26	23	21	15	13	12	8
5	62	52	44	38	54	45	39	34	34	30	26	23	21	18	13	12	11	7
6	57	46	38	33	50	41	34	30	30	26	23	21	18	16	12	11	9	6
7	53	41	34	29	46	37	30	26	27	23	20	19	16	14	11	9	8	5
8	49	37	30	25	43	33	27	23	25	21	17	17	14	12	10	9	7	5
9	45	34	27	22	40	30	24	20	23	18	15	16	13	11	9	8	7	4
10	42	31	24	20	37	27	22	18	21	17	14	14	12	10	8	7	6	4

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8521	8521	8521
5°	8448	8460	8520
10°	8399	8380	8373
15°	8268	8213	8145
20°	8137	7957	7846
25°	7918	7695	7480
30°	7699	7359	7081
35°	7446	7017	6683
40°	7180	6694	6303
45°	6909	6357	5931
50°	6668	6029	5571
55°	6371	5688	5232
60°	6026	5361	4894
65°	5667	5003	4554
70°	5266	4599	4120
75°	4791	4159	3728
80°	4283	3641	3380
85°	3297	2998	2478

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6909 cd/sqm

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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-UNV-STD-W-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	0.6
10°-20°	128.2	1.6
20°-30°	184.4	2.4
30°-40°	207.2	2.7
40°-50°	200.2	2.6
50°-60°	169.1	2.2
60°-70°	121.5	1.6
70°-80°	66.4	0.9
80°-90°	17.6	0.2
90°-100°	76.0	1.0
100°-110°	470.9	6.0
110°-120°	1187.4	15.2
120°-130°	1427.4	18.3
130°-140°	1294.2	16.6
140°-150°	1032.0	13.2
150°-160°	704.0	9.0
160°-170°	372.3	4.8
170°-180°	103.6	1.3
0°-30°	358.6	4.6
0°-40°	565.9	7.2
0°-60°	935.2	12.0
0°-90°	1140.7	14.6
90°-120°	1734.3	22.2
90°-150°	5487.8	70.3
90°-180°	6668.0	85.4
0°-180°	7808.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	489	489	489	489	489	
5°	483	490	484	484	487	46
15°	458	462	456	451	452	129
25°	412	412	400	391	389	190
35°	350	346	330	317	314	219
45°	280	275	258	244	241	217
55°	210	202	187	176	172	188
65°	138	132	121	113	110	136
75°	71	67	62	57	55	76
85°	16	15	15	13	12	20
90°	0	0	0	0	0	2
95°	39	99	31	22	22	50
105°	192	539	779	195	131	202
115°	332	734	1776	1653	1260	326
125°	433	891	1938	2205	2218	388
135°	542	987	1942	2274	2441	422
145°	696	1038	1833	2209	2406	435
155°	844	1058	1632	1966	2069	389
165°	958	1048	1317	1550	1623	269
175°	1015	1028	1045	1063	1085	96
180°	1015	1015	1015	1015	1015	

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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	489.2	489.2	489.2	489.2	*489.2*
2.5°	485.9	491.7	487.4	488.0	*488.9*
5°	483.2	489.8	483.9	484.0	*487.3*
7.5°	479.7	486.0	478.6	477.3	*480.3*
10°	474.9	481.2	473.8	471.3	*473.4*
12.5°	468.7	474.6	467.5	463.5	*465.4*
15°	458.5	462.5	455.5	451.0	*451.7*
17.5°	447.4	449.9	439.7	436.0	*435.2*
20°	439.0	441.2	429.3	424.0	*423.3*
22.5°	428.2	430.1	417.6	411.1	*410.1*
25°	412.0	412.4	400.4	391.4	*389.2*
27.5°	395.1	393.9	380.6	369.9	*367.1*
30°	382.8	381.3	365.9	354.7	*352.1*
32.5°	369.6	367.0	351.6	339.4	*336.8*
35°	350.2	346.2	330.0	317.2	*314.3*
37.5°	329.5	325.0	309.1	295.2	*291.9*
40°	315.8	310.6	294.4	280.5	*277.2*
42.5°	302.0	296.3	279.7	265.8	*262.2*
45°	280.5	274.7	258.1	244.5	*240.8*
47.5°	260.2	252.7	236.6	223.1	*219.4*
50°	246.1	238.0	222.5	209.3	*205.6*
52.5°	231.7	223.4	208.4	195.8	*192.2*
55°	209.8	202.1	187.3	175.6	*172.3*
57.5°	188.0	180.6	167.1	156.0	*152.7*
60°	173.0	166.8	153.9	143.4	*140.5*
62.5°	158.7	153.0	140.8	131.1	*128.2*
65°	137.5	132.3	121.4	112.7	*110.5*
67.5°	116.9	111.7	102.9	95.1	*92.6*
70°	103.4	98.3	90.3	83.1	*80.9*
72.5°	90.5	85.1	78.6	72.0	*70.4*
75°	71.2	66.8	61.8	56.9	*55.4*
77.5°	54.1	49.8	46.2	42.8	*42.4*
80°	42.7	39.0	36.3	34.1	*33.7*
82.5°	31.9	29.1	27.3	25.7	*25.6*
85°	16.5	15.4	15.0	13.1	*12.4*
87.5°	4.8	4.8	4.2	3.6	*3.6*
90°	0.0	0.0	0.0	0.0	*0.0*
92.5°	10.5	17.3	7.0	7.0	*7.0*
95°	39.4	99.2	30.6	21.9	*21.9*
97.5°	82.2	237.9	165.3	44.5	*38.5*
100°	113.7	344.7	284.3	65.3	*52.5*
102.5°	145.2	437.7	448.8	103.6	*80.5*
105°	192.5	538.9	778.6	195.4	*131.2*
107.5°	238.8	604.9	1193.2	403.1	*243.2*
110°	266.8	643.2	1504.6	628.5	*376.2*

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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-UNV-STD-W-4

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	294.8	681.4	1676.1	1007.5	*649.1*
115°	332.4	734.4	1775.8	1653.2	*1259.7*
117.5°	363.9	783.0	1861.5	2044.4	*1928.9*
120°	384.9	821.1	1907.0	2100.4	*2138.9*
122.5°	405.9	849.0	1931.5	2122.1	*2194.8*
125°	433.0	890.6	1937.7	2204.8	*2217.6*
127.5°	460.1	922.0	1966.5	2280.7	*2286.7*
130°	481.1	943.0	1994.5	2306.1	*2353.2*
132.5°	505.6	960.7	2005.0	2320.7	*2391.7*
135°	*542.4*	*987.1*	*1942.0*	*2273.9*	*2440.7*
137.5°	588.7	1006.1	1881.7	2272.5	*2380.3*
140°	616.7	1010.2	1850.2	2322.8	*2331.3*
142.5°	648.2	1021.1	1843.2	2317.2	*2390.8*
145°	695.5	1037.6	1832.7	2208.9	*2405.7*
147.5°	742.7	1048.1	1792.4	2089.4	*2261.3*
150°	774.2	1052.2	1753.9	2049.4	*2156.3*
152.5°	805.7	1056.3	1705.0	2024.5	*2114.4*
155°	844.2	1058.0	1631.5	1966.2	*2068.9*
157.5°	884.4	1052.9	1543.1	1859.7	*1971.8*
160°	905.4	1046.5	1487.1	1782.4	*1880.8*
162.5°	926.4	1043.6	1438.1	1681.3	*1796.8*
165°	957.9	1047.7	1316.6	1550.0	*1622.7*
167.5°	978.9	1043.9	1202.8	1394.1	*1496.8*
170°	992.9	1044.2	1132.8	1274.8	*1360.3*
172.5°	1003.4	1027.3	1090.9	1165.7	*1223.8*
175°	1014.8	1027.6	1045.4	1063.4	*1084.7*
177.5°	1018.3	1025.1	1011.3	1007.9	*1014.8*
180°	1014.8	1014.8	1014.8	1014.8	*1014.8*

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: SP1-2312-242-3

Test Date: 01/31/2024

Luminaire Tested: CB2-055U055D-840-1D-UNV-STD-D-W-4

Data in this report applies to families of products including CB2-055U055D-840-1D-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

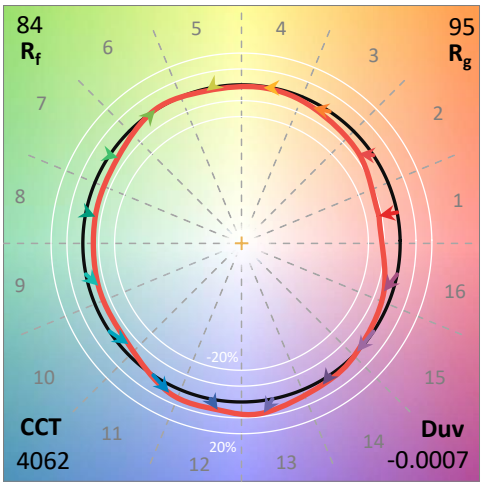
Test Method:	LM-79-2019
Report Number:	SP1-2312-242-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/31/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	**CB2-055U055D-840-1D-UNV-STD-D-W-4**
Description:	CORELITE 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):	4062	CRI (Ra):	84.1		
CIE u':	0.2244	R1:	82.9	R9:	12.5
CIE v':	0.4995	R2:	91.3	R10:	78.9
Duv:	-0.0007	R3:	95.7	R11:	81.5
CIE x:	0.3772	R4:	82.2	R12:	62.0
CIE y:	0.3732	R5:	82.8	R13:	85.3
CIE z:	0.2496	R6:	87.1	R14:	98.2
Peak Wavelength (nm):	452	R7:	85.7		
Dominant Wavelength (nm):	579	R8:	65.4		
Purity:	25.3				

Rf:	84.1
Rg:	94.8



Test Conditions

Stabilization Time:	26M
Operation Time:	12H
Room Temperature (°C) / RH%:	25.8/25%
Sphere Temperature (°C):	25.2

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

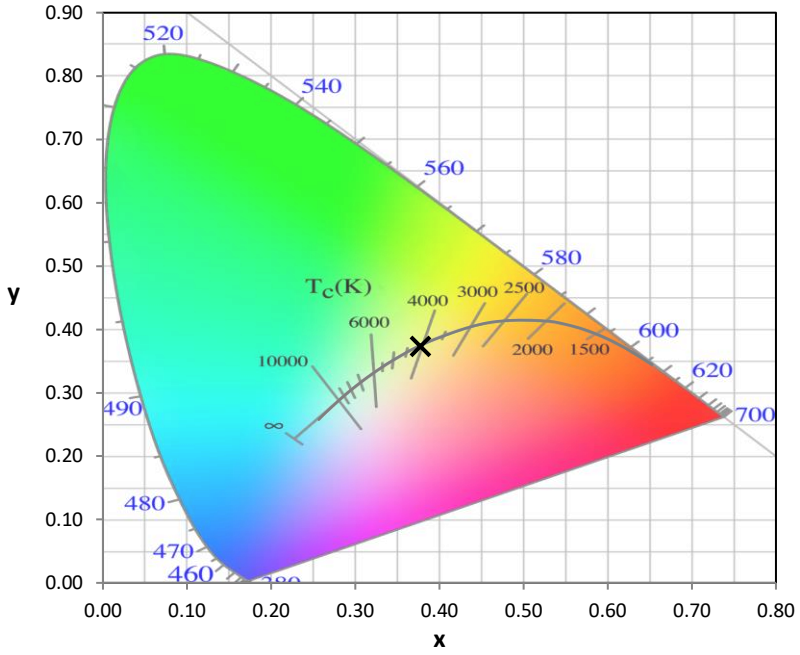
REPORT NUMBER: SP1-2312-242-3

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

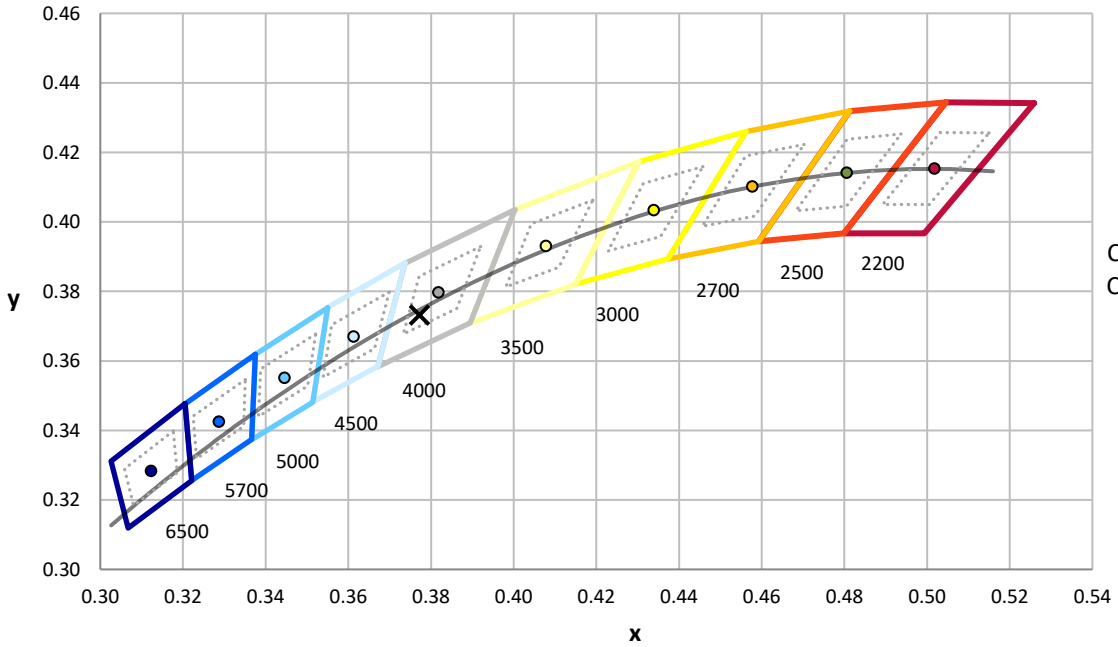
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2312-242-3

CIE 1931 Chromaticity Diagram



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



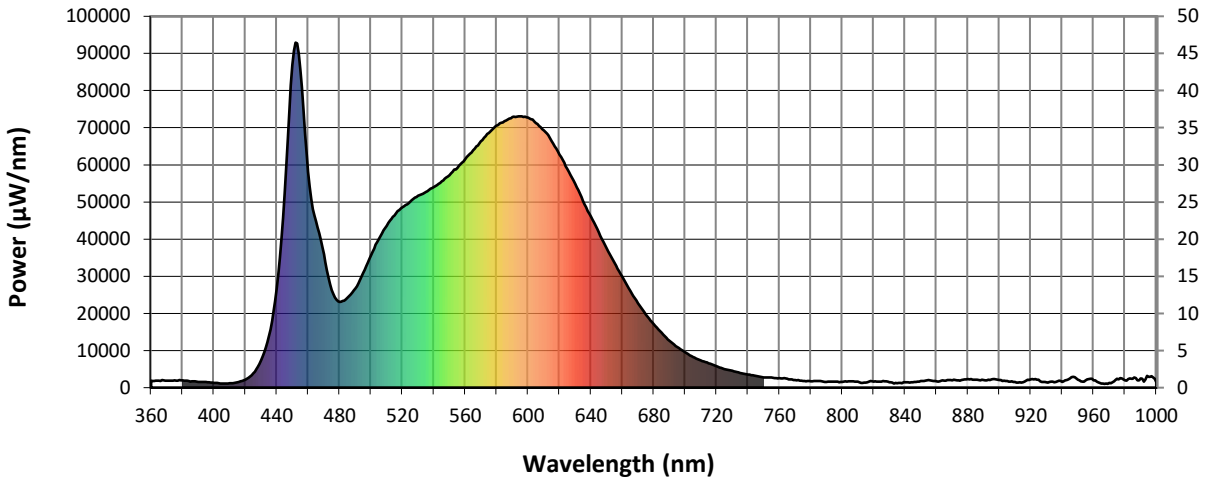
CCT = 4062K
CIE x = 0.3772
CIE y = 0.3732
Duv = -0.0007

Point lies inside the ANSI 4000K 4-step quadrangle

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

REPORT NUMBER: SP1-2312-242-3

Photopic Flux vs. Wavelength



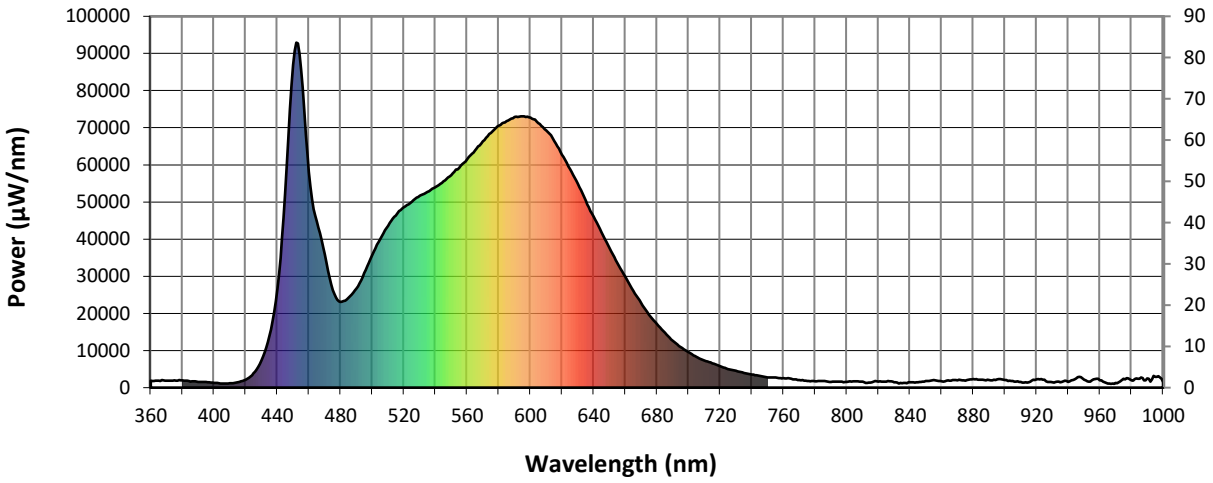
######

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	1912	NR	490	26707	NR	620	62725	NR	750	2758	NR	880	2281	NR
365	1842	NR	495	30809	NR	625	58915	NR	755	2754	NR	885	2159	NR
370	1883	NR	500	35628	NR	630	54868	NR	760	2534	NR	890	2058	NR
375	1963	NR	505	39961	NR	635	50338	NR	765	2358	NR	895	2193	NR
380	1966	NR	510	43602	NR	640	46112	NR	770	2033	NR	900	2056	NR
385	1663	NR	515	46375	NR	645	41812	NR	775	1801	NR	905	1799	NR
390	1572	NR	520	48573	NR	650	37529	NR	780	1738	NR	910	1497	NR
395	1491	NR	525	50073	NR	655	33571	NR	785	1753	NR	915	1444	NR
400	1247	NR	530	51659	NR	660	29866	NR	790	1512	NR	920	2265	NR
405	1092	NR	535	52689	NR	665	26062	NR	795	1628	NR	925	2128	NR
410	1155	NR	540	53980	NR	670	22775	NR	800	1577	NR	930	1483	NR
415	1414	NR	545	55559	NR	675	19628	NR	805	1745	NR	935	1473	NR
420	2172	NR	550	57241	NR	680	17131	NR	810	1584	NR	940	1513	NR
425	3836	NR	555	59220	NR	685	14797	NR	815	1336	NR	945	2506	NR
430	7328	NR	560	61477	NR	690	12645	NR	820	1598	NR	950	2110	NR
435	13915	NR	565	63913	NR	695	10922	NR	825	1652	NR	955	1942	NR
440	26569	NR	570	66367	NR	700	9557	NR	830	1443	NR	960	2004	NR
445	52250	NR	575	68617	NR	705	8271	NR	835	1187	NR	965	1106	NR
450	86961	NR	580	70538	NR	710	7311	NR	840	1409	NR	970	1282	NR
455	85655	NR	585	71781	NR	715	6566	NR	845	1417	NR	975	2377	NR
460	58144	NR	590	72860	NR	720	5734	NR	850	1751	NR	980	2000	NR
465	44751	NR	595	73089	NR	725	5015	NR	855	2009	NR	985	2356	NR
470	35887	NR	600	72720	NR	730	4508	NR	860	1738	NR	990	2487	NR
475	26300	NR	605	71266	NR	735	3916	NR	865	1840	NR	995	2894	NR
480	23116	NR	610	69295	NR	740	3533	NR	870	1982	NR	1000	1478	NR
485	24223	NR	615	66396	NR	745	3158	NR	875	1920	NR			

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

REPORT NUMBER: SP1-2312-242-3

Scotopic Flux vs. Wavelength



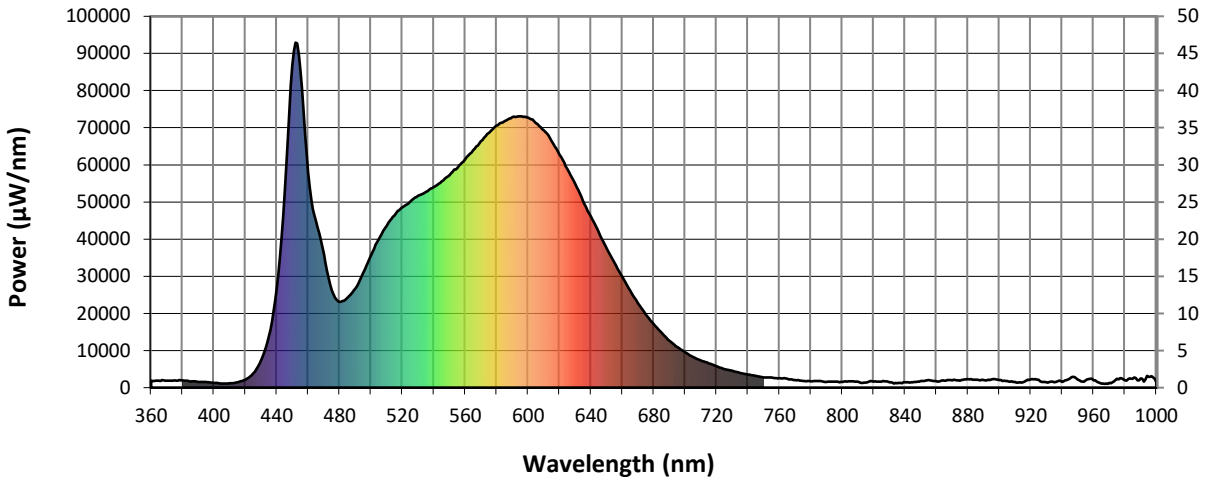
Scotopic Lumens: 7310 **S/P: 1.74**

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	1912	NR	490	26707	NR	620	62725	NR	750	2758	NR	880	2281	NR
365	1842	NR	495	30809	NR	625	58915	NR	755	2754	NR	885	2159	NR
370	1883	NR	500	35628	NR	630	54868	NR	760	2534	NR	890	2058	NR
375	1963	NR	505	39961	NR	635	50338	NR	765	2358	NR	895	2193	NR
380	1966	NR	510	43602	NR	640	46112	NR	770	2033	NR	900	2056	NR
385	1663	NR	515	46375	NR	645	41812	NR	775	1801	NR	905	1799	NR
390	1572	NR	520	48573	NR	650	37529	NR	780	1738	NR	910	1497	NR
395	1491	NR	525	50073	NR	655	33571	NR	785	1753	NR	915	1444	NR
400	1247	NR	530	51659	NR	660	29866	NR	790	1512	NR	920	2265	NR
405	1092	NR	535	52689	NR	665	26062	NR	795	1628	NR	925	2128	NR
410	1155	NR	540	53980	NR	670	22775	NR	800	1577	NR	930	1483	NR
415	1414	NR	545	55559	NR	675	19628	NR	805	1745	NR	935	1473	NR
420	2172	NR	550	57241	NR	680	17131	NR	810	1584	NR	940	1513	NR
425	3836	NR	555	59220	NR	685	14797	NR	815	1336	NR	945	2506	NR
430	7328	NR	560	61477	NR	690	12645	NR	820	1598	NR	950	2110	NR
435	13915	NR	565	63913	NR	695	10922	NR	825	1652	NR	955	1942	NR
440	26569	NR	570	66367	NR	700	9557	NR	830	1443	NR	960	2004	NR
445	52250	NR	575	68617	NR	705	8271	NR	835	1187	NR	965	1106	NR
450	86961	NR	580	70538	NR	710	7311	NR	840	1409	NR	970	1282	NR
455	85655	NR	585	71781	NR	715	6566	NR	845	1417	NR	975	2377	NR
460	58144	NR	590	72860	NR	720	5734	NR	850	1751	NR	980	2000	NR
465	44751	NR	595	73089	NR	725	5015	NR	855	2009	NR	985	2356	NR
470	35887	NR	600	72720	NR	730	4508	NR	860	1738	NR	990	2487	NR
475	26300	NR	605	71266	NR	735	3916	NR	865	1840	NR	995	2894	NR
480	23116	NR	610	69295	NR	740	3533	NR	870	1982	NR	1000	1478	NR
485	24223	NR	615	66396	NR	745	3158	NR	875	1920	NR			

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

REPORT NUMBER: SP1-2312-242-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: 3000 **M/P: 0.71**

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	1912	NR	490	26707	NR	620	62725	NR	750	2758	NR	880	2281	NR
365	1842	NR	495	30809	NR	625	58915	NR	755	2754	NR	885	2159	NR
370	1883	NR	500	35628	NR	630	54868	NR	760	2534	NR	890	2058	NR
375	1963	NR	505	39961	NR	635	50338	NR	765	2358	NR	895	2193	NR
380	1966	NR	510	43602	NR	640	46112	NR	770	2033	NR	900	2056	NR
385	1663	NR	515	46375	NR	645	41812	NR	775	1801	NR	905	1799	NR
390	1572	NR	520	48573	NR	650	37529	NR	780	1738	NR	910	1497	NR
395	1491	NR	525	50073	NR	655	33571	NR	785	1753	NR	915	1444	NR
400	1247	NR	530	51659	NR	660	29866	NR	790	1512	NR	920	2265	NR
405	1092	NR	535	52689	NR	665	26062	NR	795	1628	NR	925	2128	NR
410	1155	NR	540	53980	NR	670	22775	NR	800	1577	NR	930	1483	NR
415	1414	NR	545	55559	NR	675	19628	NR	805	1745	NR	935	1473	NR
420	2172	NR	550	57241	NR	680	17131	NR	810	1584	NR	940	1513	NR
425	3836	NR	555	59220	NR	685	14797	NR	815	1336	NR	945	2506	NR
430	7328	NR	560	61477	NR	690	12645	NR	820	1598	NR	950	2110	NR
435	13915	NR	565	63913	NR	695	10922	NR	825	1652	NR	955	1942	NR
440	26569	NR	570	66367	NR	700	9557	NR	830	1443	NR	960	2004	NR
445	52250	NR	575	68617	NR	705	8271	NR	835	1187	NR	965	1106	NR
450	86961	NR	580	70538	NR	710	7311	NR	840	1409	NR	970	1282	NR
455	85655	NR	585	71781	NR	715	6566	NR	845	1417	NR	975	2377	NR
460	58144	NR	590	72860	NR	720	5734	NR	850	1751	NR	980	2000	NR
465	44751	NR	595	73089	NR	725	5015	NR	855	2009	NR	985	2356	NR
470	35887	NR	600	72720	NR	730	4508	NR	860	1738	NR	990	2487	NR
475	26300	NR	605	71266	NR	735	3916	NR	865	1840	NR	995	2894	NR
480	23116	NR	610	69295	NR	740	3533	NR	870	1982	NR	1000	1478	NR
485	24223	NR	615	66396	NR	745	3158	NR	875	1920	NR			

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

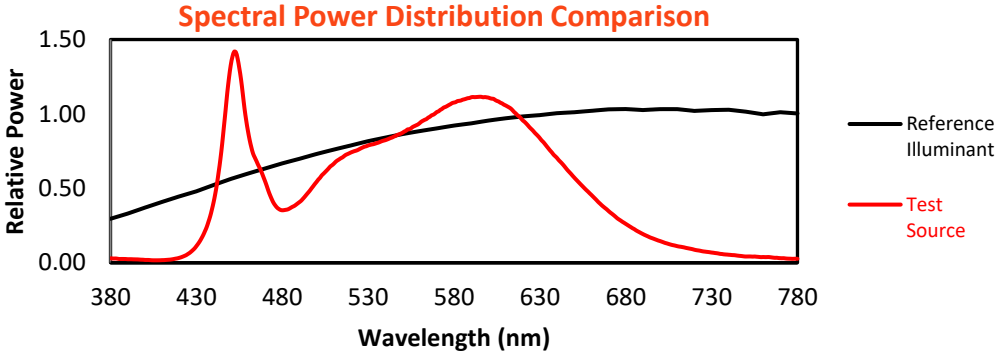
REPORT NUMBER: SP1-2312-242-3

TM-30-18

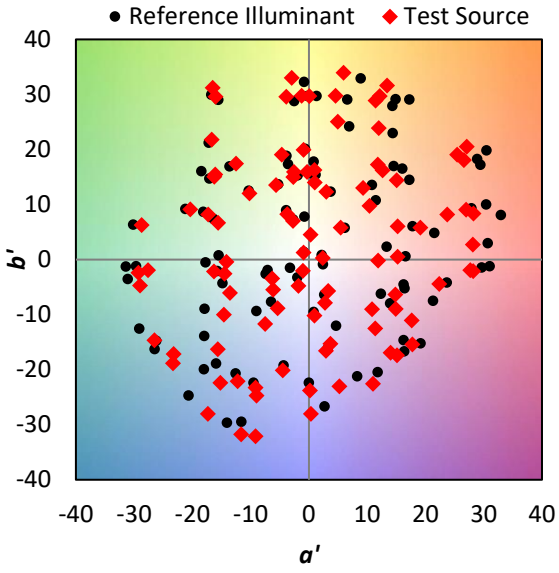
Summary

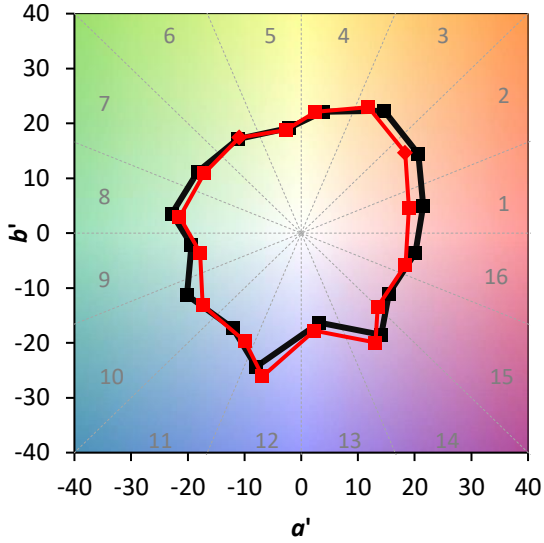
R_f = 84.1
R_g = 94.8
CIE R_a = 84.1
R_9 = 12.5

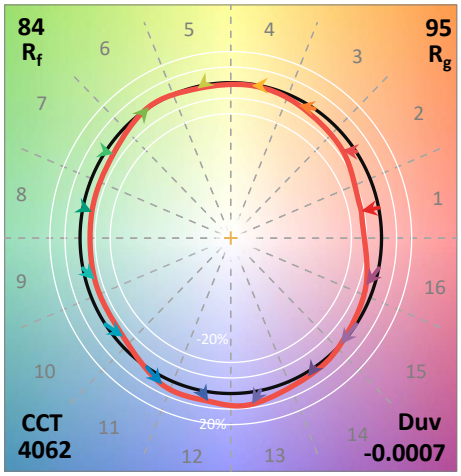
Spectral Power Distribution Comparison

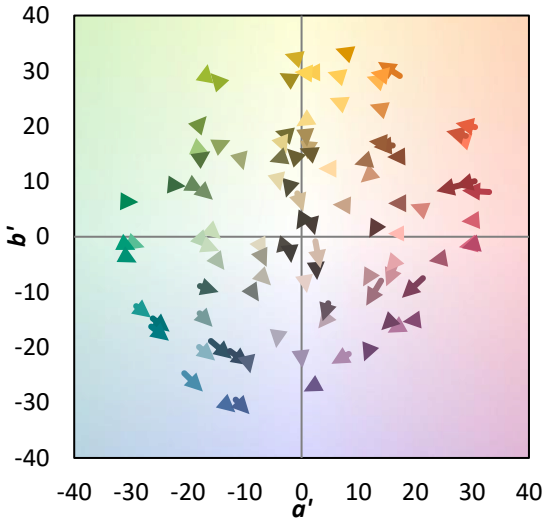


Color Vector Graphics









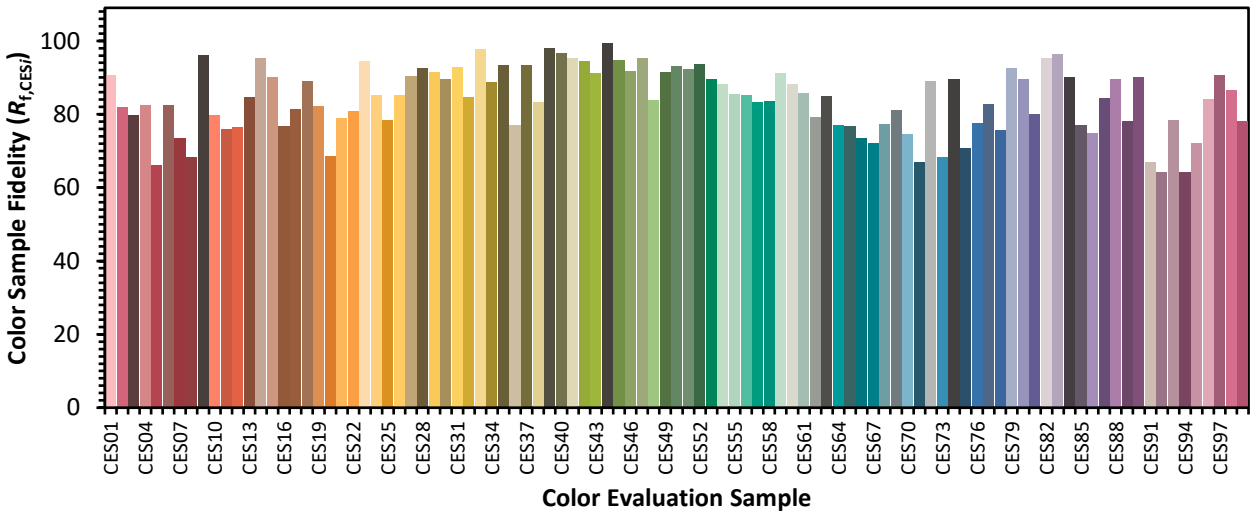
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2312-242-3

TM-30-18

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

CES01 = 85	CES26 = 85	CES51 = 92	CES76 = 77
CES02 = 61	CES27 = 90	CES52 = 94	CES77 = 83
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 76
CES04 = 69	CES29 = 92	CES54 = 88	CES79 = 92
CES05 = 48	CES30 = 90	CES55 = 85	CES80 = 90
CES06 = 50	CES31 = 93	CES56 = 85	CES81 = 80
CES07 = 41	CES32 = 85	CES57 = 83	CES82 = 95
CES08 = 40	CES33 = 98	CES58 = 84	CES83 = 96
CES09 = 29	CES34 = 89	CES59 = 91	CES84 = 90
CES10 = 74	CES35 = 93	CES60 = 88	CES85 = 77
CES11 = 57	CES36 = 77	CES61 = 86	CES86 = 75
CES12 = 63	CES37 = 93	CES62 = 79	CES87 = 84
CES13 = 42	CES38 = 83	CES63 = 85	CES88 = 89
CES14 = 74	CES39 = 98	CES64 = 77	CES89 = 78
CES15 = 71	CES40 = 97	CES65 = 77	CES90 = 90
CES16 = 47	CES41 = 95	CES66 = 74	CES91 = 67
CES17 = 49	CES42 = 94	CES67 = 72	CES92 = 64
CES18 = 56	CES43 = 91	CES68 = 77	CES93 = 78
CES19 = 71	CES44 = 99	CES69 = 81	CES94 = 64
CES20 = 65	CES45 = 95	CES70 = 75	CES95 = 72
CES21 = 86	CES46 = 92	CES71 = 67	CES96 = 84
CES22 = 78	CES47 = 95	CES72 = 89	CES97 = 91
CES23 = 91	CES48 = 84	CES73 = 68	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 90	CES99 = 78
CES25 = 71	CES50 = 93	CES75 = 71	

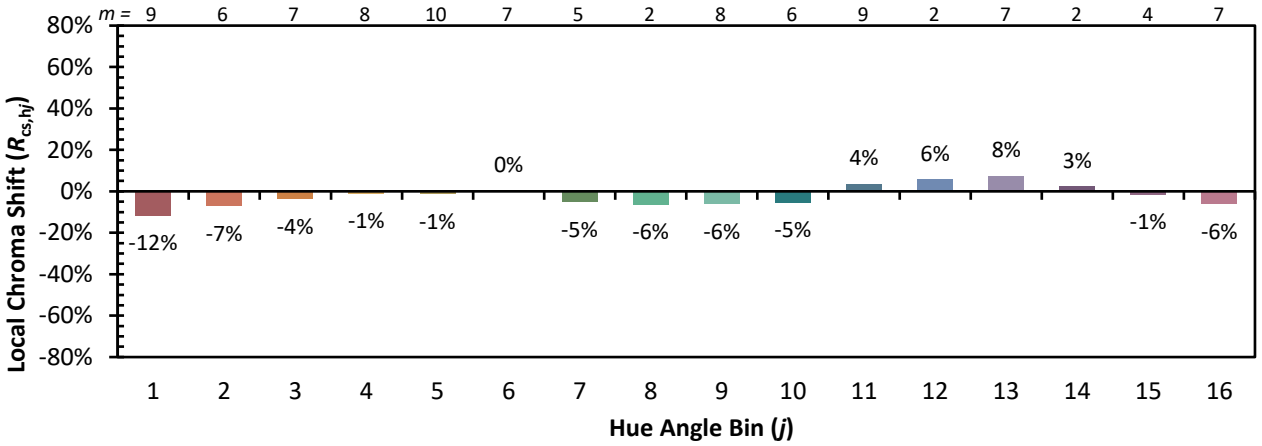


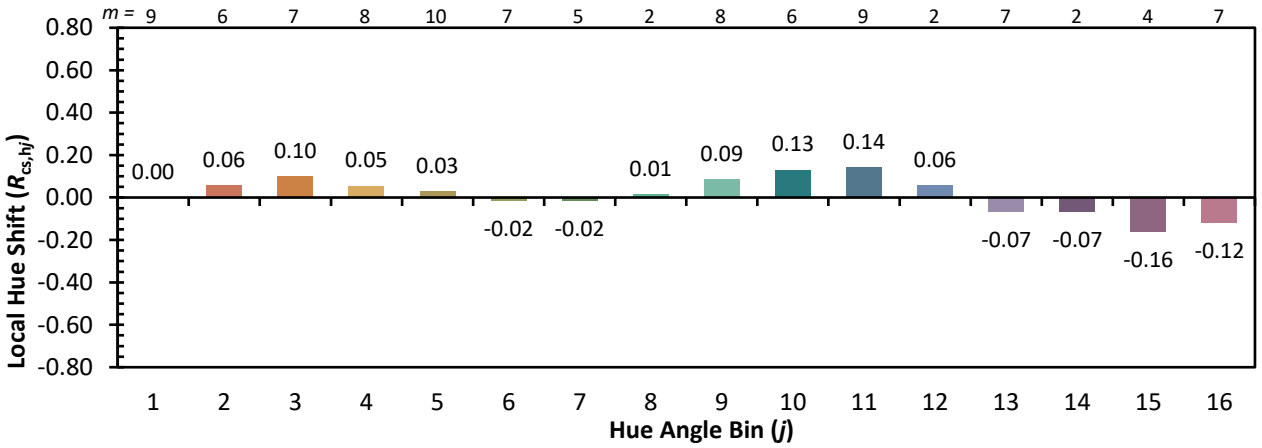
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

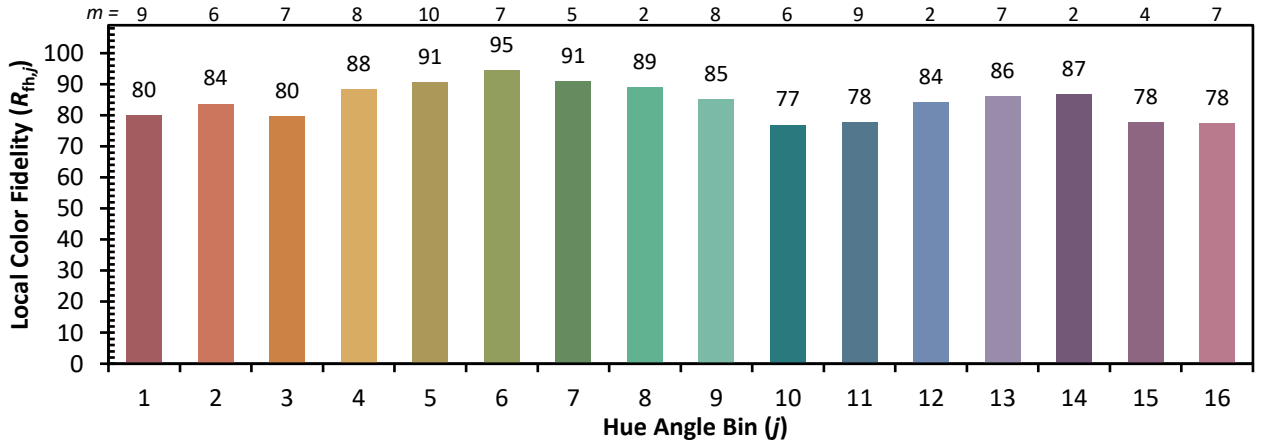
REPORT NUMBER: SP1-2312-242-3

TM-30-18

Color Rendition by Hue-Angle Bin





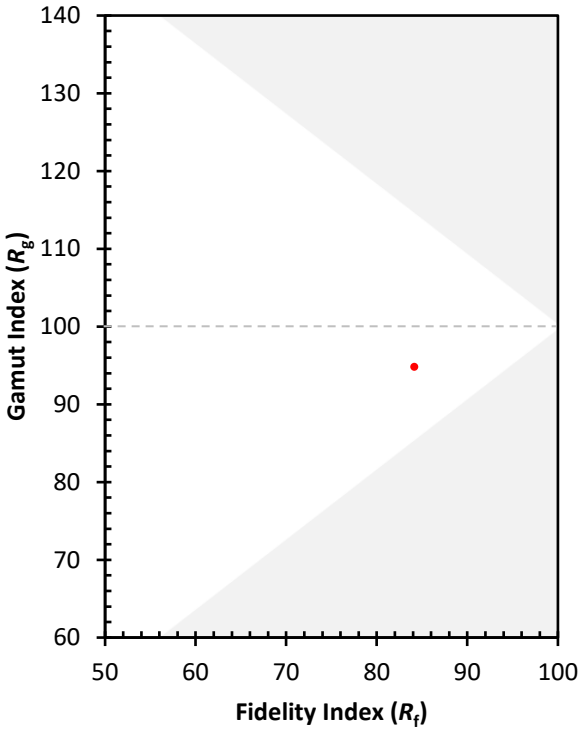


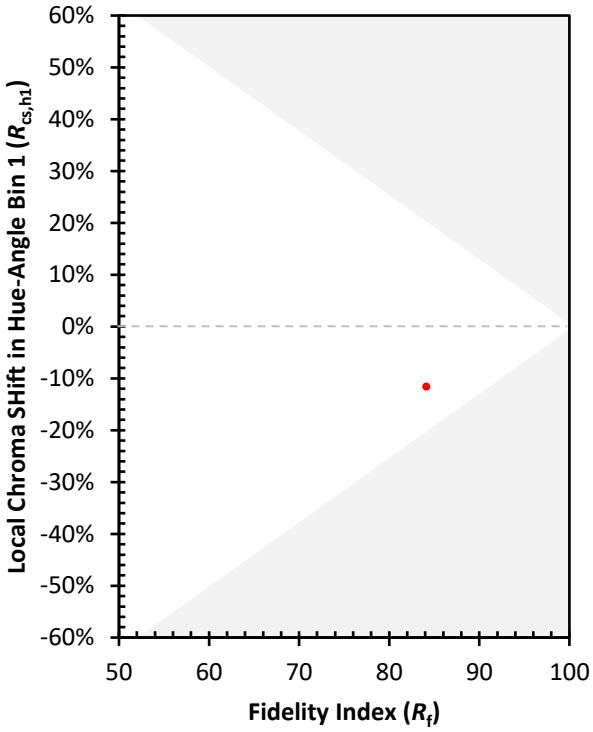
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2312-242-3

TM-30-18

Measure Comparisons





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

Scaled Data Report

TEST NUMBER: P958993
CATALOG NUMBER: CB2-B-125U-030D-840-1D-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	9.42	10.03	10.63	11.22	12.92	8.32	8.93	9.54	10.12	11.82
	3H	11.05	11.59	12.26	12.79	14.50	9.83	10.38	11.05	11.57	13.29
	4H	11.66	12.18	12.89	13.38	15.09	10.39	10.91	11.62	12.10	13.82
	6H	12.05	12.53	13.28	13.73	15.45	10.75	11.23	11.98	12.42	14.15
	8H	12.19	12.65	13.43	13.86	15.58	10.88	11.34	12.12	12.55	14.26
	12H	12.26	12.69	13.49	13.89	15.63	10.94	11.37	12.17	12.57	14.31
4H	2H	9.80	10.32	11.03	11.51	13.23	8.93	9.45	10.16	10.64	12.36
	3H	11.65	12.08	12.88	13.30	15.03	10.64	11.07	11.87	12.29	14.02
	4H	12.38	12.78	13.62	13.99	15.73	11.30	11.70	12.54	12.91	14.65
	6H	12.89	13.23	14.12	14.46	16.19	11.76	12.10	13.00	13.33	15.06
	8H	13.09	13.40	14.32	14.62	16.37	11.95	12.26	13.18	13.48	15.23
	12H	13.18	13.47	14.43	14.70	16.45	12.02	12.31	13.27	13.54	15.29
8H	4H	12.52	12.84	13.75	14.06	15.81	11.55	11.87	12.79	13.09	14.84
	6H	13.15	13.41	14.40	14.67	16.42	12.15	12.41	13.40	13.67	15.42
	8H	13.44	13.66	14.69	14.90	16.67	12.42	12.65	13.68	13.88	15.65
	12H	13.60	13.80	14.86	15.03	16.83	12.56	12.76	13.82	13.99	15.79
12H	4H	12.49	12.78	13.74	14.00	15.76	11.54	11.83	12.80	13.06	14.82
	6H	13.18	13.40	14.43	14.64	16.41	12.21	12.44	13.47	13.67	15.44
	8H	13.48	13.68	14.74	14.91	16.71	12.50	12.70	13.76	13.94	15.73

END OF REPORT