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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1364887

Luminaire Tested: **GSS-SB1A-740-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364887
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-740-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4089.2 lumens
Efficiency:	N/A
Efficacy:	131.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

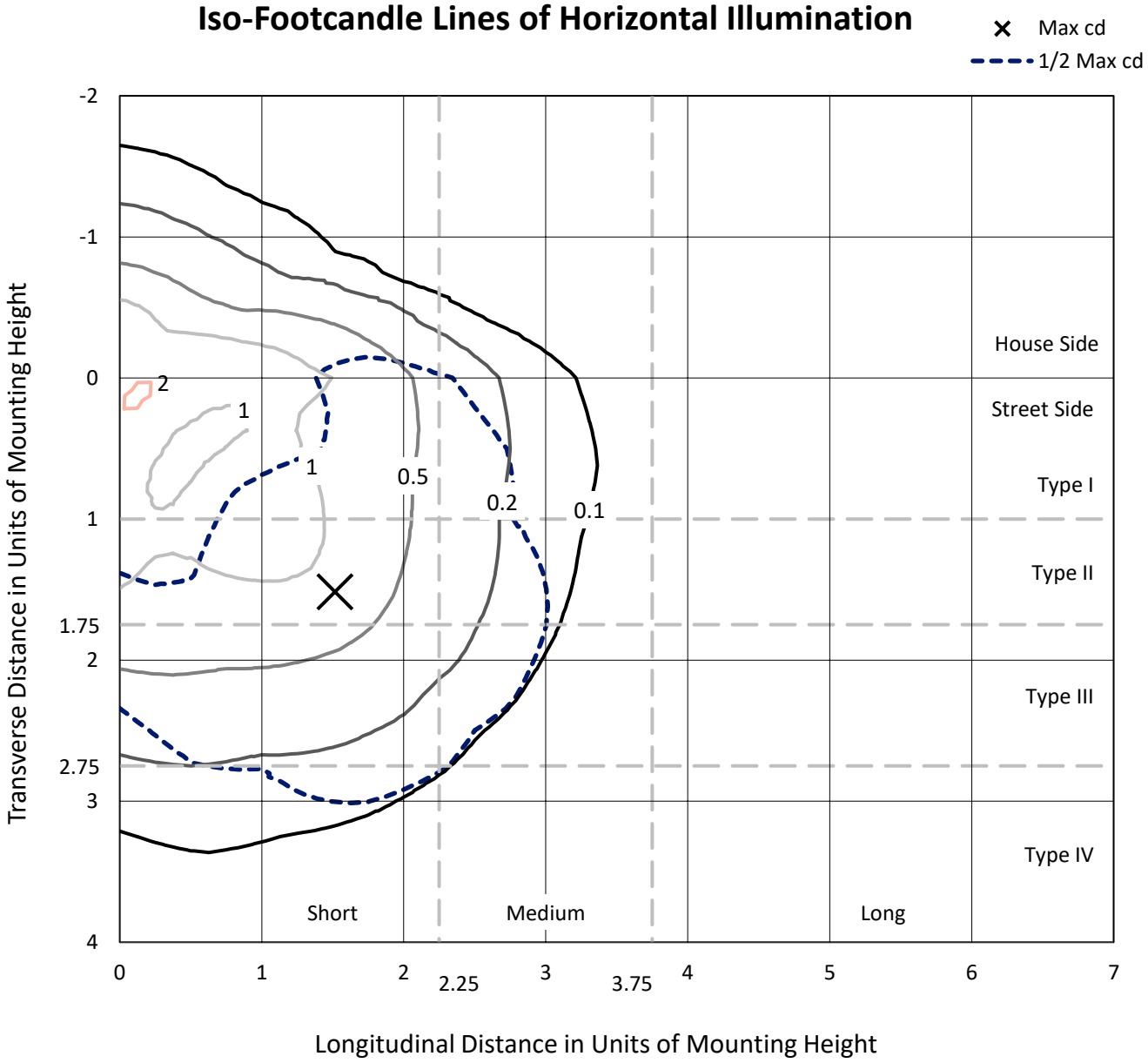
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



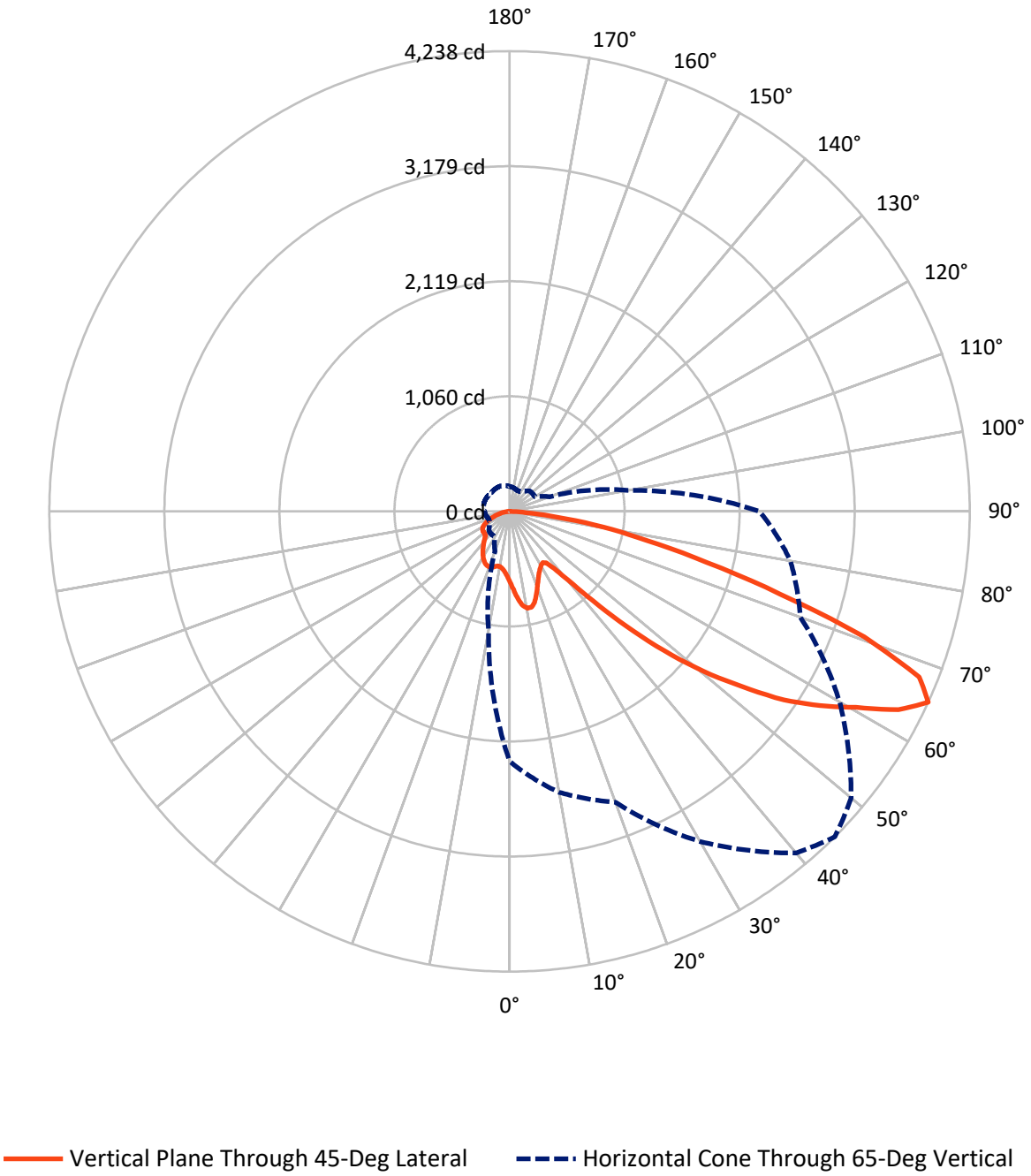
Based on 20 foot mounting height. Maximum calculated value = 2.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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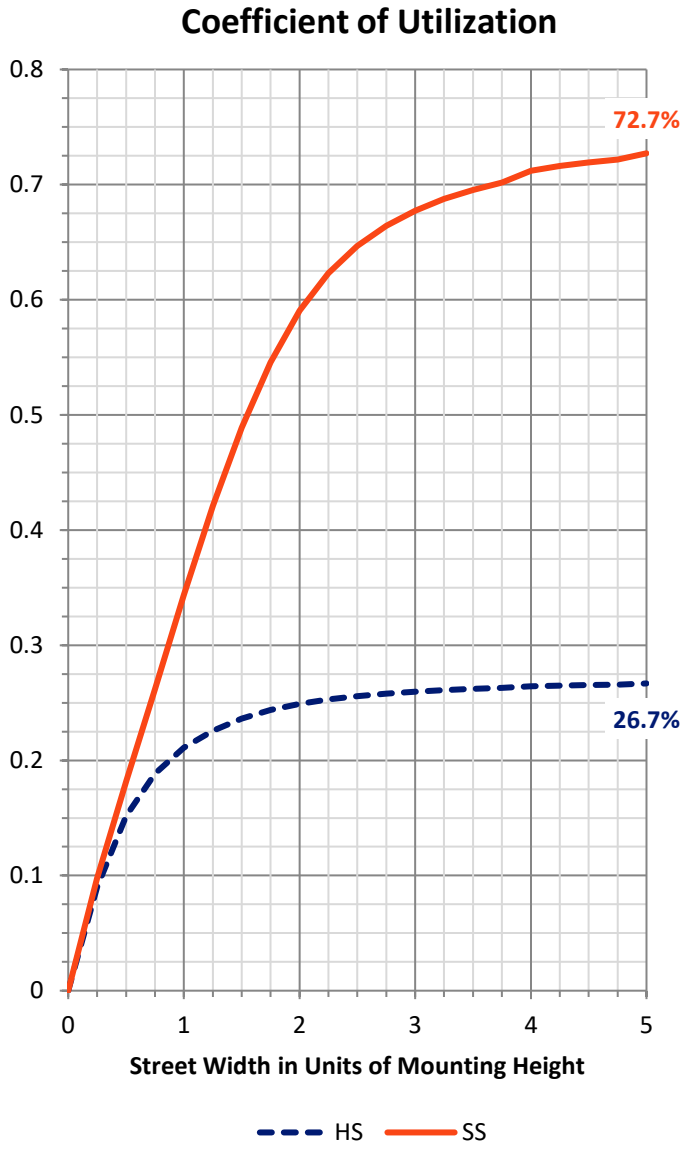
REPORT NUMBER: P1364887
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1100.1	0.0	1100.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2989.2	0.0	2989.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	4089.2	0.0	4089.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	1.6
10°-20°	197.3	4.8
20°-30°	305.3	7.5
30°-40°	378.8	9.3
40°-50°	554.0	13.5
50°-60°	867.8	21.2
60°-70°	1029.7	25.2
70°-80°	600.6	14.7
80°-90°	91.4	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4089.2	100.0
0°-180°	4089.2	100.0



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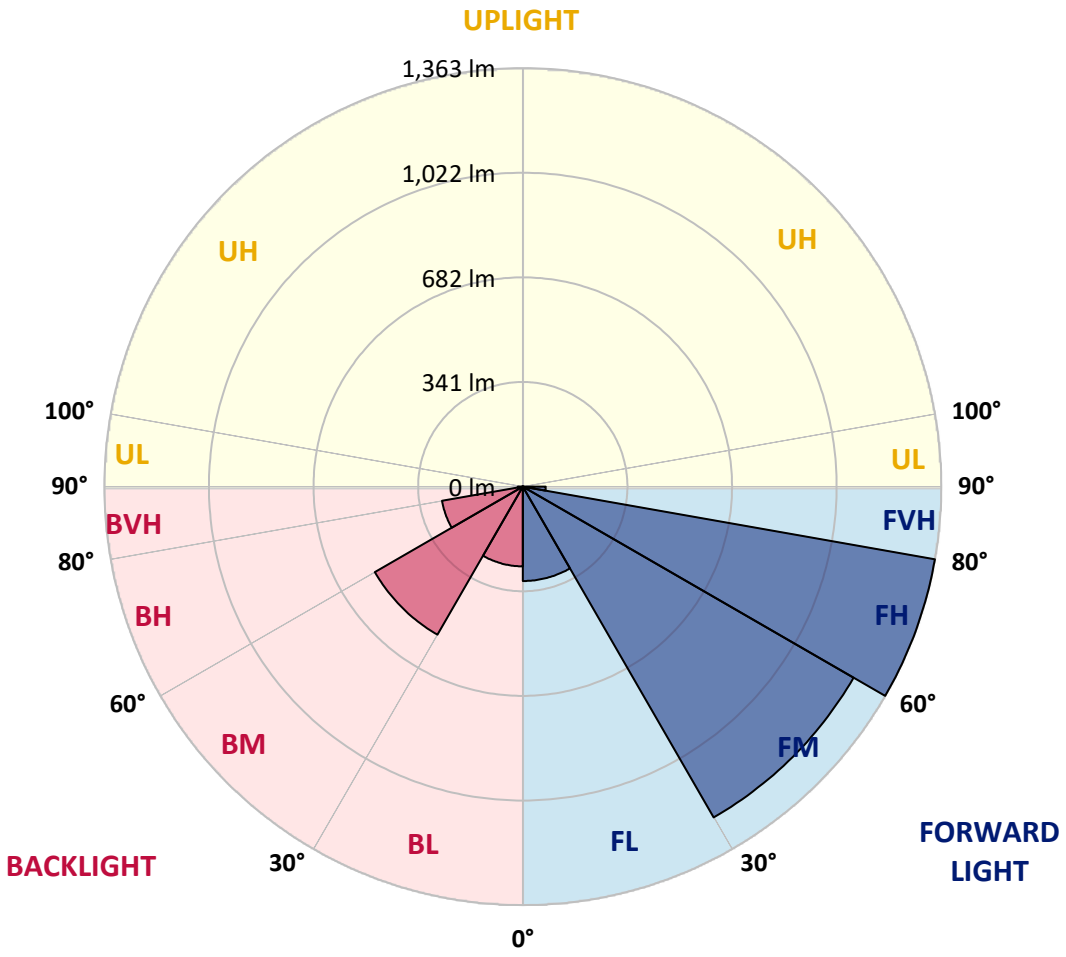
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	307.3	7.5			
FM	(30°-60°)	1244.0	30.4			
FH	(60°-80°)	1363.1	33.3			G1/1800
FVH	(80°-90°)	74.7	1.8			G1/100
BL	(0°-30°)	259.7	6.4	B1/500		
BM	(30°-60°)	556.6	13.6	B1/1000		
BH	(60°-80°)	267.2	6.5	B1/500		G1/500
BVH	(80°-90°)	16.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	*652.0*	652.0
2.5°	704.5	707.0	709.5	712.2	715.0	716.6	718.2	719.9	721.5	*723.0*	721.5
5°	752.5	763.8	775.0	782.6	790.3	796.1	801.9	805.2	808.6	*809.1*	808.6
7.5°	801.1	814.5	827.9	839.5	851.1	858.5	865.9	870.2	874.6	*876.1*	874.6
10°	831.6	847.3	863.1	874.3	885.6	892.5	899.3	902.7	906.1	*907.1*	906.1
12.5°	847.1	862.2	877.3	886.0	894.6	899.0	903.3	904.9	906.3	*905.1*	906.3
15°	854.6	863.5	872.3	876.0	879.6	877.5	875.3	872.2	869.1	*867.1*	869.1
17.5°	856.6	859.7	862.9	856.2	849.6	837.6	825.6	816.6	807.6	*801.1*	807.6
20°	863.1	858.1	853.1	835.3	817.6	795.1	772.5	757.4	742.2	*733.0*	742.2
22.5°	870.1	856.0	841.9	812.0	782.0	751.2	720.5	703.1	685.8	*676.0*	685.8
25°	881.1	856.9	832.6	792.2	751.8	715.6	679.5	660.6	641.8	*631.0*	641.8
27.5°	897.1	860.1	823.1	773.0	723.0	683.8	644.5	626.5	608.5	*599.0*	608.5
30°	919.6	870.5	821.3	761.4	701.5	660.5	619.5	601.9	584.2	*574.0*	584.2
32.5°	947.1	885.1	823.1	756.0	689.0	647.2	605.5	588.6	571.8	*563.0*	571.8
35°	993.6	915.1	836.6	762.2	688.0	649.2	610.5	598.1	585.8	*581.0*	585.8
37.5°	1052.6	960.9	869.1	792.6	716.0	689.6	663.2	663.2	663.2	*667.0*	663.2
40°	1139.6	1036.6	933.6	861.2	788.9	787.3	785.9	802.7	819.6	*827.1*	819.6
42.5°	1261.6	1152.7	1043.9	985.5	927.1	962.1	997.1	1045.7	1094.3	*1126.1*	1094.3
45°	1413.1	1307.1	1201.1	1160.3	1119.6	1197.5	1275.3	1361.2	1447.1	*1508.1*	1447.1
47.5°	1558.1	1468.9	1379.6	1356.3	1333.1	1462.6	1592.1	1718.0	1843.9	*1918.1*	1843.9
50°	1726.1	1645.9	1565.6	1561.1	1556.6	1729.1	1901.6	2064.1	2226.6	*2317.1*	2226.6
52.5°	1941.6	1853.5	1765.3	1768.9	1772.3	1977.2	2182.1	2378.7	2575.2	*2677.2*	2575.2
55°	2199.1	2088.6	1978.1	1977.5	1976.9	2212.3	2448.0	2689.4	2931.0	*3067.2*	2931.0
57.5°	2461.7	2358.2	2254.6	2230.0	2205.3	2451.6	2697.7	2964.3	3231.0	*3374.2*	3231.0
60°	2658.7	2601.7	2544.7	2505.3	2466.0	2718.8	2971.7	3247.1	3522.4	*3665.2*	3522.4
62.5°	2577.2	2679.1	2781.0	2778.1	2775.2	3048.1	3321.0	3607.4	3894.0	*4022.3*	3894.0
65°	*2302.1*	*2464.7*	*2627.2*	*2739.0*	*2850.7*	*3180.6*	*3510.4*	*3808.8*	*4107.3*	*4238.3*	*4107.3*
67.5°	2044.1	2187.3	2330.6	2422.2	2513.7	2885.4	3257.2	3595.8	3934.5	*4069.3*	3934.5
70°	1797.1	1955.7	2114.3	2179.7	2245.1	2561.0	2876.7	3144.6	3412.4	*3465.2*	3412.4
72.5°	1542.6	1731.2	1919.9	1947.6	1975.3	2205.1	2435.0	2577.7	2720.4	*2605.2*	2720.4
75°	1263.1	1475.9	1688.6	1707.1	1725.6	1797.2	1868.9	1905.2	1941.6	*1876.1*	1941.6
77.5°	840.1	1024.3	1208.6	1250.1	1291.6	1339.3	1387.1	1384.6	1382.1	*1290.1*	1382.1
80°	493.0	637.1	781.2	786.7	792.1	827.9	863.6	900.1	936.6	*878.1*	936.6
82.5°	246.5	325.6	404.8	417.0	429.2	451.1	473.0	483.2	493.5	*444.0*	493.5
85°	56.0	76.6	97.2	117.1	137.0	160.0	183.0	180.4	177.8	*150.0*	177.8
87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.5	5.8	*6.0*	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	719.9	718.2	716.6	715.0	712.2	709.5	707.0	704.5	698.1	691.8	686.0
5°	805.2	801.9	796.1	790.3	782.6	775.0	763.8	752.5	741.2	730.0	718.2
7.5°	870.2	865.9	858.5	851.1	839.5	827.9	814.5	801.1	782.0	763.0	745.1
10°	902.7	899.3	892.5	885.6	874.3	863.1	847.3	831.6	808.9	786.1	763.8
12.5°	904.9	903.3	899.0	894.6	886.0	877.3	862.2	847.1	824.5	801.9	776.9
15°	872.2	875.3	877.5	879.6	876.0	872.3	863.5	854.6	831.7	808.9	783.6
17.5°	816.6	825.6	837.6	849.6	856.2	862.9	859.7	856.6	835.2	813.9	786.9
20°	757.4	772.5	795.1	817.6	835.3	853.1	858.1	863.1	841.5	819.9	790.9
22.5°	703.1	720.5	751.2	782.0	812.0	841.9	856.0	870.1	850.3	830.6	798.7
25°	660.6	679.5	715.6	751.8	792.2	832.6	856.9	881.1	864.0	846.9	812.1
27.5°	626.5	644.5	683.8	723.0	773.0	823.1	860.1	897.1	884.0	870.9	831.7
30°	601.9	619.5	660.5	701.5	761.4	821.3	870.5	919.6	909.3	899.1	854.9
32.5°	588.6	605.5	647.2	689.0	756.0	823.1	885.1	947.1	940.7	934.3	882.2
35°	598.1	610.5	649.2	688.0	762.2	836.6	915.1	993.6	985.6	977.6	911.2
37.5°	663.2	663.2	689.6	716.0	792.6	869.1	960.9	1052.6	1043.1	1033.6	946.6
40°	802.7	785.9	787.3	788.9	861.2	933.6	1036.6	1139.6	1120.9	1102.1	987.1
42.5°	1045.7	997.1	962.1	927.1	985.5	1043.9	1152.7	1261.6	1222.0	1182.3	1031.9
45°	1361.2	1275.3	1197.5	1119.6	1160.3	1201.1	1307.1	1413.1	1349.6	1286.1	1092.7
47.5°	1718.0	1592.1	1462.6	1333.1	1356.3	1379.6	1468.9	1558.1	1477.7	1397.3	1155.2
50°	2064.1	1901.6	1729.1	1556.6	1561.1	1565.6	1645.9	1726.1	1617.1	1508.1	1209.7
52.5°	2378.7	2182.1	1977.2	1772.3	1768.9	1765.3	1853.5	1941.6	1768.5	1595.3	1235.5
55°	2689.4	2448.0	2212.3	1976.9	1977.5	1978.1	2088.6	2199.1	1920.6	1642.1	1228.7
57.5°	2964.3	2697.7	2451.6	2205.3	2230.0	2254.6	2358.2	2461.7	2048.3	1635.1	1191.6
60°	3247.1	2971.7	2718.8	2466.0	2505.3	2544.7	2601.7	2658.7	2105.5	1552.3	1102.7
62.5°	3607.4	3321.0	3048.1	2775.2	2778.1	2781.0	2679.1	2577.2	1978.6	1380.1	957.0
65°	*3808.8*	*3510.4*	*3180.6*	*2850.7*	*2739.0*	*2627.2*	*2464.7*	*2302.1*	*1706.6*	*1111.1*	*750.6*
67.5°	3595.8	3257.2	2885.4	2513.7	2422.2	2330.6	2187.3	2044.1	1465.7	887.3	584.1
70°	3144.6	2876.7	2561.0	2245.1	2179.7	2114.3	1955.7	1797.1	1245.2	693.2	447.6
72.5°	2577.7	2435.0	2205.1	1975.3	1947.6	1919.9	1731.2	1542.6	1034.0	525.2	336.5
75°	1905.2	1868.9	1797.2	1725.6	1707.1	1688.6	1475.9	1263.1	825.6	388.0	249.4
77.5°	1384.6	1387.1	1339.3	1291.6	1250.1	1208.6	1024.3	840.1	541.6	243.2	161.2
80°	900.1	863.6	827.9	792.1	786.7	781.2	637.1	493.0	310.5	128.0	89.1
82.5°	483.2	473.0	451.1	429.2	417.0	404.8	325.6	246.5	155.6	64.8	47.9
85°	180.4	183.0	160.0	137.0	117.1	97.2	76.6	56.0	37.0	18.0	15.2
87.5°	5.5	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	680.2	674.4	668.5	662.9	657.2	651.5	646.5	641.1	635.8	631.6	627.5
5°	706.5	695.0	683.5	672.6	661.8	650.5	640.8	631.2	621.8	614.0	606.2
7.5°	727.2	711.2	695.2	680.9	666.5	651.5	639.8	628.1	616.5	606.4	596.2
10°	741.5	721.8	702.0	685.5	669.0	653.0	640.5	628.2	616.0	605.6	595.2
12.5°	752.0	729.9	707.8	689.6	671.5	654.0	641.8	631.6	621.5	614.2	607.0
15°	758.2	734.4	710.5	690.0	669.5	650.0	639.2	632.6	626.0	625.4	624.8
17.5°	759.8	732.6	705.5	681.6	657.8	635.0	625.8	624.9	624.0	633.9	643.8
20°	761.8	729.9	698.0	666.6	635.2	605.0	599.2	604.9	610.5	629.9	649.2
22.5°	766.8	727.8	688.8	649.4	610.0	574.0	568.5	576.9	585.2	610.5	635.8
25°	777.2	727.6	678.0	628.9	579.8	538.5	538.0	547.1	556.2	579.6	603.0
27.5°	792.6	729.5	666.5	607.9	549.2	507.0	509.5	518.2	527.0	544.4	561.8
30°	810.6	733.6	656.8	589.6	522.5	481.5	484.2	491.0	497.8	510.4	523.0
32.5°	830.1	738.2	646.5	573.6	500.8	463.0	463.0	465.9	468.8	477.0	485.2
35°	844.9	737.1	629.5	555.4	481.2	452.0	445.8	443.4	441.0	446.4	451.8
37.5°	859.6	734.0	608.5	535.2	462.0	439.0	427.2	420.8	414.2	416.8	419.2
40°	872.1	727.0	582.0	511.1	440.2	422.0	407.2	397.6	388.0	387.8	387.5
42.5°	881.3	714.9	548.5	482.4	416.2	403.5	385.2	373.0	360.8	359.5	358.2
45°	899.3	706.6	514.0	453.2	392.5	381.0	362.8	350.2	337.8	335.8	333.8
47.5°	913.1	696.9	480.8	424.2	367.8	354.5	337.5	326.8	316.0	314.8	313.5
50°	911.3	680.4	449.5	398.4	347.2	329.0	312.2	303.4	294.5	296.0	297.5
52.5°	875.6	646.6	417.8	375.2	332.8	309.5	291.5	284.9	278.2	282.9	287.5
55°	815.3	601.8	388.2	355.8	323.2	300.0	278.8	271.4	264.0	270.6	277.2
57.5°	748.0	554.9	361.8	339.4	317.0	297.5	271.5	261.1	250.8	257.4	264.0
60°	653.0	495.6	338.2	322.5	306.8	291.5	265.5	252.5	239.5	243.9	248.2
62.5°	533.8	420.4	307.0	298.2	289.5	283.0	258.2	241.2	224.2	224.8	225.2
65°	*390.2*	*330.4*	*270.5*	*268.6*	*266.8*	*265.0*	*244.5*	*226.2*	*208.0*	*206.0*	*204.0*
67.5°	281.0	252.6	224.2	229.5	234.8	237.5	223.5	207.4	191.2	187.1	183.0
70°	202.0	192.0	182.0	189.9	197.8	197.0	190.2	180.6	171.0	168.4	165.8
72.5°	147.8	147.6	147.5	153.5	159.5	151.5	155.8	153.6	151.5	149.6	147.8
75°	110.8	110.1	109.5	116.6	123.8	127.0	129.8	128.6	127.5	126.1	124.8
77.5°	79.2	79.8	80.2	88.0	95.8	105.0	105.5	102.9	100.2	98.8	97.2
80°	50.2	50.8	51.2	59.4	67.5	80.5	80.0	76.8	73.5	72.4	71.2
82.5°	31.0	31.1	31.2	35.2	39.2	46.5	48.5	48.5	48.5	47.8	47.0
85°	12.5	13.1	13.8	16.4	19.0	23.0	24.2	24.4	24.5	23.4	22.2
87.5°	4.0	4.2	4.5	5.0	5.5	6.0	7.0	7.6	8.2	8.8	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364887
CATALOG NUMBER: GSS-SB1A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	623.9	620.2	615.9	611.5	608.4	605.2	603.1	601.0	600.0	599.0	598.2
5°	599.8	593.2	587.4	581.5	576.9	572.2	568.4	564.5	562.9	561.2	560.1
7.5°	587.6	579.0	571.8	564.5	557.6	550.8	546.4	542.0	539.4	536.8	534.9
10°	586.1	577.0	567.5	558.0	550.4	542.8	536.2	529.8	526.1	522.5	520.5
12.5°	598.6	590.2	578.9	567.5	557.2	547.0	538.9	530.8	526.2	521.8	518.8
15°	621.9	619.0	608.5	598.0	583.8	569.5	557.9	546.2	539.8	533.2	529.5
17.5°	649.5	655.2	647.9	640.5	620.5	600.5	583.2	566.0	556.6	547.2	543.9
20°	664.6	680.0	679.2	678.5	652.4	626.2	603.5	580.8	568.2	555.8	550.8
22.5°	658.0	680.2	685.9	691.5	665.9	640.2	612.2	584.2	569.4	554.5	549.8
25°	626.9	650.8	661.4	672.0	650.9	629.8	602.6	575.5	559.9	544.2	539.4
27.5°	581.0	600.2	612.1	624.0	611.1	598.2	576.2	554.2	540.4	526.5	521.4
30°	536.0	549.0	558.5	568.0	559.5	551.0	535.2	519.5	509.2	499.0	495.8
32.5°	494.9	504.5	509.8	515.0	508.4	501.8	491.4	481.0	474.6	468.2	466.1
35°	459.6	467.5	471.5	475.5	470.0	464.5	455.2	446.0	441.4	436.8	435.1
37.5°	425.9	432.5	438.2	444.0	440.0	436.0	428.1	420.2	414.8	409.2	406.2
40°	393.9	400.2	407.4	414.5	413.8	413.0	405.5	398.0	390.2	382.5	378.4
42.5°	364.5	370.8	378.4	386.0	387.5	389.0	382.8	376.5	367.5	358.5	352.2
45°	339.2	344.8	353.1	361.5	365.0	368.5	362.9	357.2	347.1	337.0	329.5
47.5°	319.2	325.0	334.2	343.5	347.2	351.0	347.2	343.5	334.8	326.0	319.4
50°	303.8	310.0	317.2	324.5	331.4	338.2	337.5	336.8	329.9	323.0	316.8
52.5°	293.2	299.0	306.5	314.0	321.2	328.5	329.6	330.8	325.8	320.8	315.4
55°	284.1	291.0	298.0	305.0	311.8	318.5	320.0	321.5	317.9	314.2	310.2
57.5°	271.5	279.0	286.0	293.0	300.9	308.8	310.0	311.2	307.4	303.5	300.5
60°	255.9	263.5	270.8	278.0	286.0	294.0	295.6	297.2	294.2	291.2	288.4
62.5°	233.9	242.5	248.5	254.5	262.1	269.8	272.1	274.5	273.1	271.8	268.6
65°	*212.2*	*220.5*	*225.2*	*230.0*	*236.6*	*243.2*	*245.5*	*247.8*	*247.1*	*246.5*	*244.2*
67.5°	190.6	198.2	202.1	206.0	210.5	215.0	217.6	220.2	218.9	217.5	215.1
70°	172.0	178.2	181.6	185.0	188.6	192.2	193.6	195.0	193.0	191.0	185.6
72.5°	152.5	157.2	160.1	163.0	166.4	169.8	170.6	171.5	168.4	165.2	158.9
75°	128.4	132.0	134.2	136.5	140.0	143.5	145.0	146.5	142.1	137.8	131.1
77.5°	100.5	103.8	105.9	108.0	110.9	113.8	114.2	114.8	111.0	107.2	103.2
80°	73.6	76.0	76.8	77.5	79.9	82.2	82.2	82.2	79.4	76.5	74.5
82.5°	46.5	46.0	45.0	44.0	46.4	48.8	49.6	50.5	49.2	48.0	45.8
85°	20.8	19.2	18.9	18.5	18.4	18.2	18.9	19.5	19.2	19.0	18.2
87.5°	9.8	10.2	9.9	9.5	9.1	8.8	8.0	7.2	6.6	6.0	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364887
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	597.5	597.0	597.5	598.2	599.0	600.0	601.0	603.1	605.2	608.4	611.5
5°	559.0	558.0	559.0	560.1	561.2	562.9	564.5	568.4	572.2	576.9	581.5
7.5°	533.0	532.0	533.0	534.9	536.8	539.4	542.0	546.4	550.8	557.6	564.5
10°	518.5	517.0	518.5	520.5	522.5	526.1	529.8	536.2	542.8	550.4	558.0
12.5°	515.8	514.0	515.8	518.8	521.8	526.2	530.8	538.9	547.0	557.2	567.5
15°	525.8	523.0	525.8	529.5	533.2	539.8	546.2	557.9	569.5	583.8	598.0
17.5°	540.5	539.0	540.5	543.9	547.2	556.6	566.0	583.2	600.5	620.5	640.5
20°	545.8	544.0	545.8	550.8	555.8	568.2	580.8	603.5	626.2	652.4	678.5
22.5°	545.0	543.0	545.0	549.8	554.5	569.4	584.2	612.2	640.2	665.9	691.5
25°	534.5	533.0	534.5	539.4	544.2	559.9	575.5	602.6	629.8	650.9	672.0
27.5°	516.2	513.0	516.2	521.4	526.5	540.4	554.2	576.2	598.2	611.1	624.0
30°	492.5	491.0	492.5	495.8	499.0	509.2	519.5	535.2	551.0	559.5	568.0
32.5°	464.0	463.0	464.0	466.1	468.2	474.6	481.0	491.4	501.8	508.4	515.0
35°	433.5	432.0	433.5	435.1	436.8	441.4	446.0	455.2	464.5	470.0	475.5
37.5°	403.2	401.0	403.2	406.2	409.2	414.8	420.2	428.1	436.0	440.0	444.0
40°	374.2	372.0	374.2	378.4	382.5	390.2	398.0	405.5	413.0	413.8	414.5
42.5°	346.0	342.0	346.0	352.2	358.5	367.5	376.5	382.8	389.0	387.5	386.0
45°	322.0	317.0	322.0	329.5	337.0	347.1	357.2	362.9	368.5	365.0	361.5
47.5°	312.8	308.0	312.8	319.4	326.0	334.8	343.5	347.2	351.0	347.2	343.5
50°	310.5	306.0	310.5	316.8	323.0	329.9	336.8	337.5	338.2	331.4	324.5
52.5°	310.0	306.0	310.0	315.4	320.8	325.8	330.8	329.6	328.5	321.2	314.0
55°	306.2	303.0	306.2	310.2	314.2	317.9	321.5	320.0	318.5	311.8	305.0
57.5°	297.5	296.0	297.5	300.5	303.5	307.4	311.2	310.0	308.8	300.9	293.0
60°	285.5	283.0	285.5	288.4	291.2	294.2	297.2	295.6	294.0	286.0	278.0
62.5°	265.5	262.0	265.5	268.6	271.8	273.1	274.5	272.1	269.8	262.1	254.5
65°	*242.0*	*238.0*	*242.0*	*244.2*	*246.5*	*247.1*	*247.8*	*245.5*	*243.2*	*236.6*	*230.0*
67.5°	212.8	212.0	212.8	215.1	217.5	218.9	220.2	217.6	215.0	210.5	206.0
70°	180.2	174.0	180.2	185.6	191.0	193.0	195.0	193.6	192.2	188.6	185.0
72.5°	152.5	146.0	152.5	158.9	165.2	168.4	171.5	170.6	169.8	166.4	163.0
75°	124.5	120.0	124.5	131.1	137.8	142.1	146.5	145.0	143.5	140.0	136.5
77.5°	99.2	97.0	99.2	103.2	107.2	111.0	114.8	114.2	113.8	110.9	108.0
80°	72.5	71.0	72.5	74.5	76.5	79.4	82.2	82.2	82.2	79.9	77.5
82.5°	43.5	42.0	43.5	45.8	48.0	49.2	50.5	49.6	48.8	46.4	44.0
85°	17.5	17.0	17.5	18.2	19.0	19.2	19.5	18.9	18.2	18.4	18.5
87.5°	5.2	5.0	5.2	5.6	6.0	6.6	7.2	8.0	8.8	9.1	9.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364887
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	615.9	620.2	623.9	627.5	631.6	635.8	641.1	646.5	651.5	657.2	662.9
5°	587.4	593.2	599.8	606.2	614.0	621.8	631.2	640.8	650.5	661.8	672.6
7.5°	571.8	579.0	587.6	596.2	606.4	616.5	628.1	639.8	651.5	666.5	680.9
10°	567.5	577.0	586.1	595.2	605.6	616.0	628.2	640.5	653.0	669.0	685.5
12.5°	578.9	590.2	598.6	607.0	614.2	621.5	631.6	641.8	654.0	671.5	689.6
15°	608.5	619.0	621.9	624.8	625.4	626.0	632.6	639.2	650.0	669.5	690.0
17.5°	647.9	655.2	649.5	643.8	633.9	624.0	624.9	625.8	635.0	657.8	681.6
20°	679.2	680.0	664.6	649.2	629.9	610.5	604.9	599.2	605.0	635.2	666.6
22.5°	685.9	680.2	658.0	635.8	610.5	585.2	576.9	568.5	574.0	610.0	649.4
25°	661.4	650.8	626.9	603.0	579.6	556.2	547.1	538.0	538.5	579.8	628.9
27.5°	612.1	600.2	581.0	561.8	544.4	527.0	518.2	509.5	507.0	549.2	607.9
30°	558.5	549.0	536.0	523.0	510.4	497.8	491.0	484.2	481.5	522.5	589.6
32.5°	509.8	504.5	494.9	485.2	477.0	468.8	465.9	463.0	463.0	500.8	573.6
35°	471.5	467.5	459.6	451.8	446.4	441.0	443.4	445.8	452.0	481.2	555.4
37.5°	438.2	432.5	425.9	419.2	416.8	414.2	420.8	427.2	439.0	462.0	535.2
40°	407.4	400.2	393.9	387.5	387.8	388.0	397.6	407.2	422.0	440.2	511.1
42.5°	378.4	370.8	364.5	358.2	359.5	360.8	373.0	385.2	403.5	416.2	482.4
45°	353.1	344.8	339.2	333.8	335.8	337.8	350.2	362.8	381.0	392.5	453.2
47.5°	334.2	325.0	319.2	313.5	314.8	316.0	326.8	337.5	354.5	367.8	424.2
50°	317.2	310.0	303.8	297.5	296.0	294.5	303.4	312.2	329.0	347.2	398.4
52.5°	306.5	299.0	293.2	287.5	282.9	278.2	284.9	291.5	309.5	332.8	375.2
55°	298.0	291.0	284.1	277.2	270.6	264.0	271.4	278.8	300.0	323.2	355.8
57.5°	286.0	279.0	271.5	264.0	257.4	250.8	261.1	271.5	297.5	317.0	339.4
60°	270.8	263.5	255.9	248.2	243.9	239.5	252.5	265.5	291.5	306.8	322.5
62.5°	248.5	242.5	233.9	225.2	224.8	224.2	241.2	258.2	283.0	289.5	298.2
65°	*225.2*	*220.5*	*212.2*	*204.0*	*206.0*	*208.0*	*226.2*	*244.5*	*265.0*	*266.8*	*268.6*
67.5°	202.1	198.2	190.6	183.0	187.1	191.2	207.4	223.5	237.5	234.8	229.5
70°	181.6	178.2	172.0	165.8	168.4	171.0	180.6	190.2	197.0	197.8	189.9
72.5°	160.1	157.2	152.5	147.8	149.6	151.5	153.6	155.8	151.5	159.5	153.5
75°	134.2	132.0	128.4	124.8	126.1	127.5	128.6	129.8	127.0	123.8	116.6
77.5°	105.9	103.8	100.5	97.2	98.8	100.2	102.9	105.5	105.0	95.8	88.0
80°	76.8	76.0	73.6	71.2	72.4	73.5	76.8	80.0	80.5	67.5	59.4
82.5°	45.0	46.0	46.5	47.0	47.8	48.5	48.5	48.5	46.5	39.2	35.2
85°	18.9	19.2	20.8	22.2	23.4	24.5	24.4	24.2	23.0	19.0	16.4
87.5°	9.9	10.2	9.8	9.2	8.8	8.2	7.6	7.0	6.0	5.5	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364887
CATALOG NUMBER: GSS-SB1A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	652.0	652.0	652.0	652.0	652.0	652.0	652.0
2.5°	668.5	674.4	680.2	686.0	691.8	698.1	704.5
5°	683.5	695.0	706.5	718.2	730.0	741.2	752.5
7.5°	695.2	711.2	727.2	745.1	763.0	782.0	801.1
10°	702.0	721.8	741.5	763.8	786.1	808.9	831.6
12.5°	707.8	729.9	752.0	776.9	801.9	824.5	847.1
15°	710.5	734.4	758.2	783.6	808.9	831.7	854.6
17.5°	705.5	732.6	759.8	786.9	813.9	835.2	856.6
20°	698.0	729.9	761.8	790.9	819.9	841.5	863.1
22.5°	688.8	727.8	766.8	798.7	830.6	850.3	870.1
25°	678.0	727.6	777.2	812.1	846.9	864.0	881.1
27.5°	666.5	729.5	792.6	831.7	870.9	884.0	897.1
30°	656.8	733.6	810.6	854.9	899.1	909.3	919.6
32.5°	646.5	738.2	830.1	882.2	934.3	940.7	947.1
35°	629.5	737.1	844.9	911.2	977.6	985.6	993.6
37.5°	608.5	734.0	859.6	946.6	1033.6	1043.1	1052.6
40°	582.0	727.0	872.1	987.1	1102.1	1120.9	1139.6
42.5°	548.5	714.9	881.3	1031.9	1182.3	1222.0	1261.6
45°	514.0	706.6	899.3	1092.7	1286.1	1349.6	1413.1
47.5°	480.8	696.9	913.1	1155.2	1397.3	1477.7	1558.1
50°	449.5	680.4	911.3	1209.7	1508.1	1617.1	1726.1
52.5°	417.8	646.6	875.6	1235.5	1595.3	1768.5	1941.6
55°	388.2	601.8	815.3	1228.7	1642.1	1920.6	2199.1
57.5°	361.8	554.9	748.0	1191.6	1635.1	2048.3	2461.7
60°	338.2	495.6	653.0	1102.7	1552.3	2105.5	2658.7
62.5°	307.0	420.4	533.8	957.0	1380.1	1978.6	2577.2
65°	*270.5*	*330.4*	*390.2*	*750.6*	*1111.1*	*1706.6*	*2302.1*
67.5°	224.2	252.6	281.0	584.1	887.3	1465.7	2044.1
70°	182.0	192.0	202.0	447.6	693.2	1245.2	1797.1
72.5°	147.5	147.6	147.8	336.5	525.2	1034.0	1542.6
75°	109.5	110.1	110.8	249.4	388.0	825.6	1263.1
77.5°	80.2	79.8	79.2	161.2	243.2	541.6	840.1
80°	51.2	50.8	50.2	89.1	128.0	310.5	493.0
82.5°	31.2	31.1	31.0	47.9	64.8	155.6	246.5
85°	13.8	13.1	12.5	15.2	18.0	37.0	56.0
87.5°	4.5	4.2	4.0	4.1	4.2	4.4	4.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

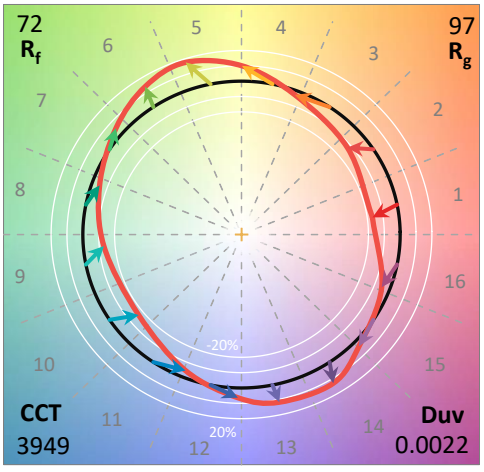
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

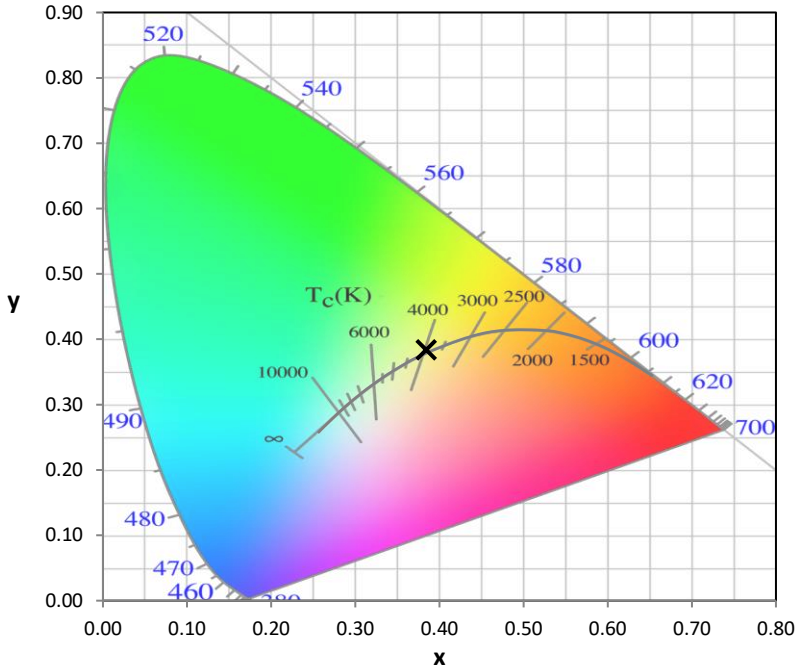
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

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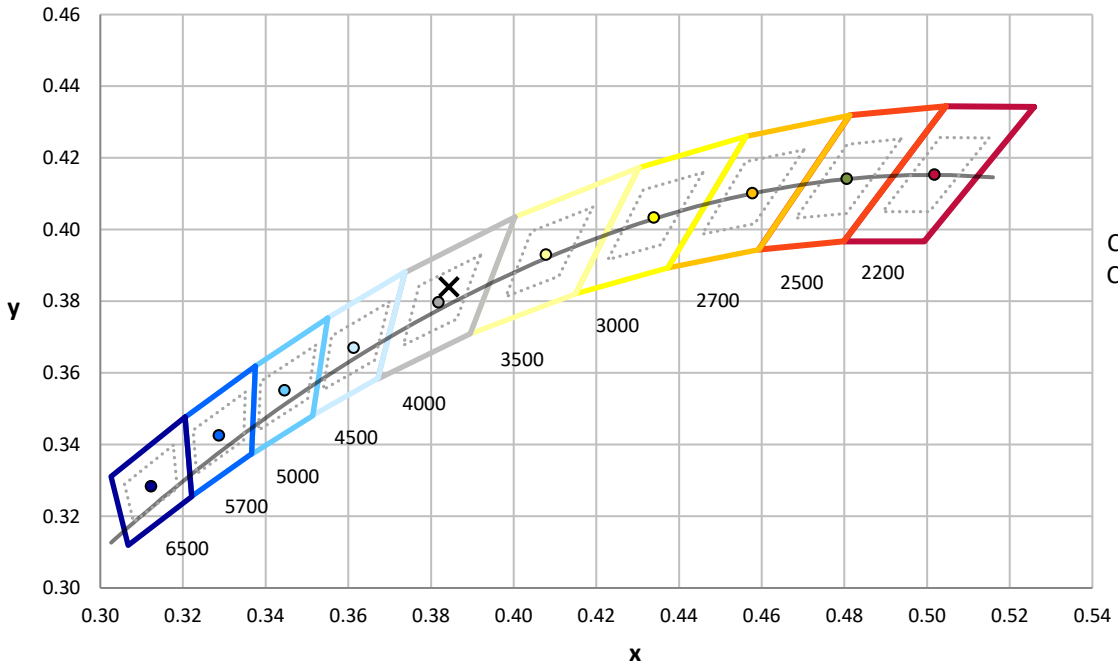
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	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

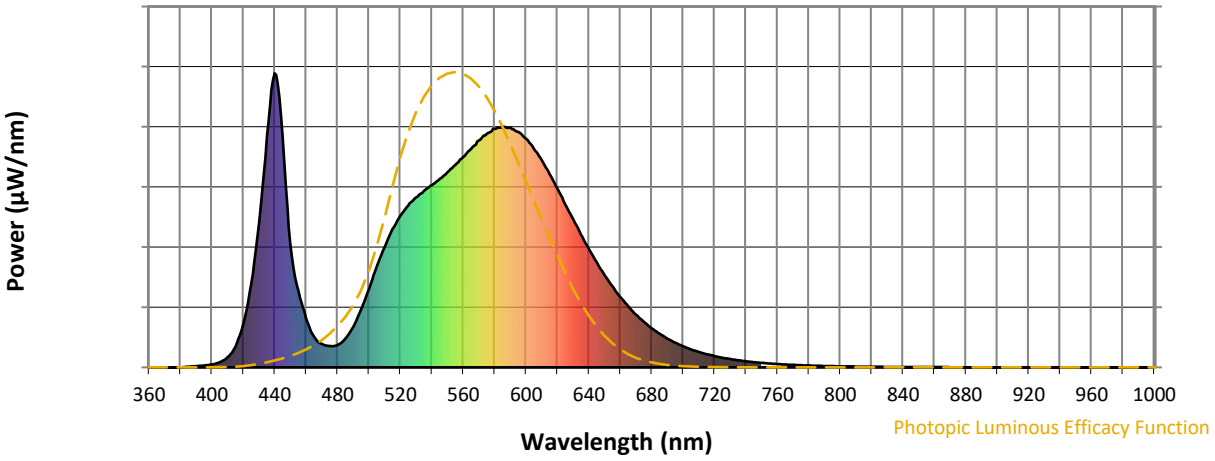


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

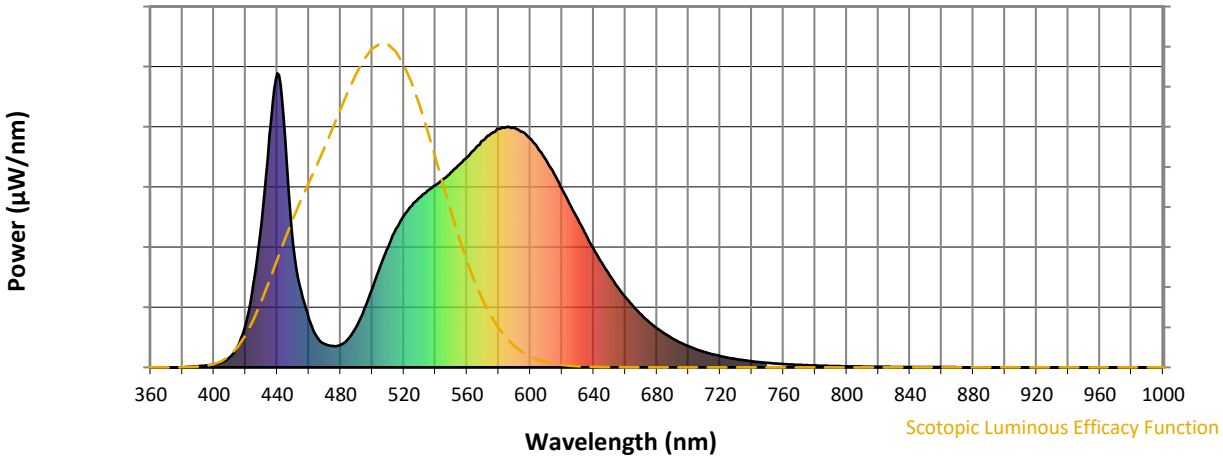


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

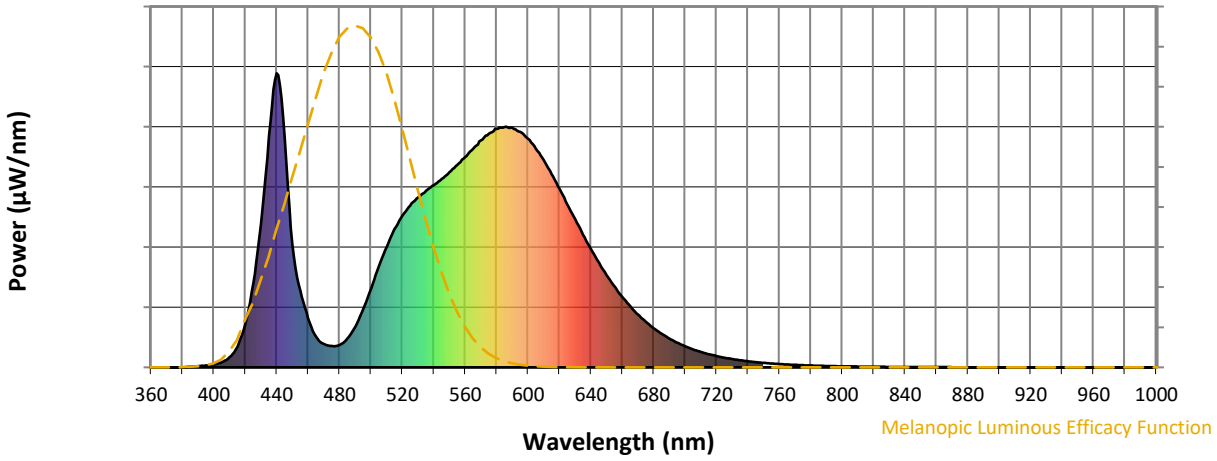


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

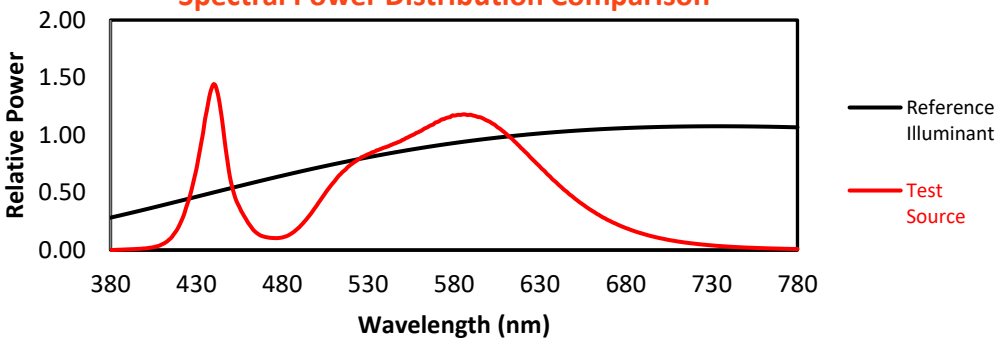
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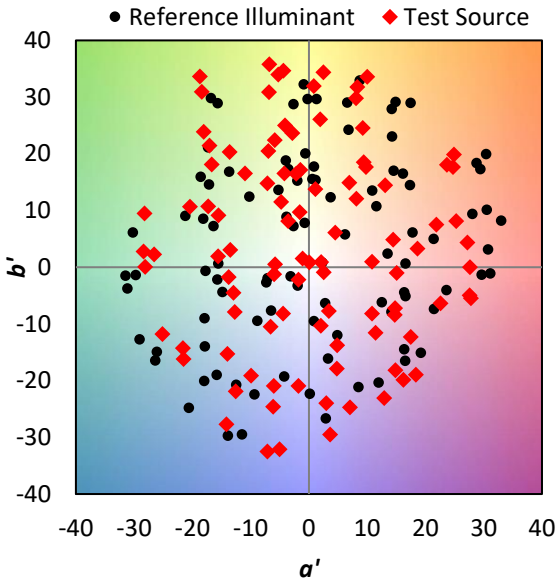
Summary

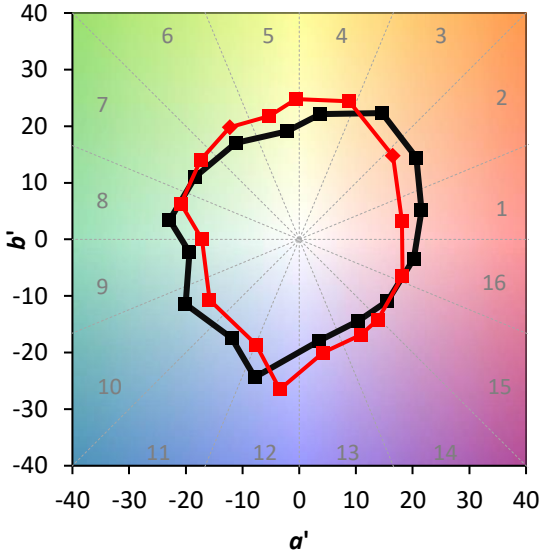
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

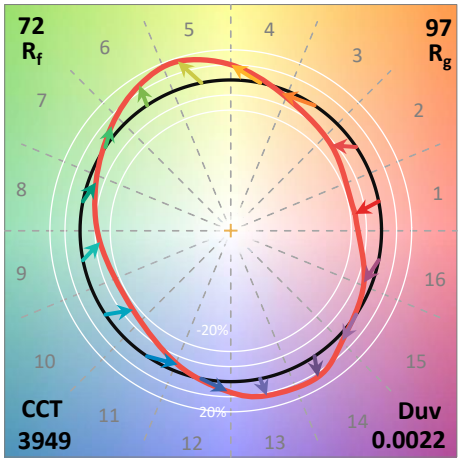
Spectral Power Distribution Comparison

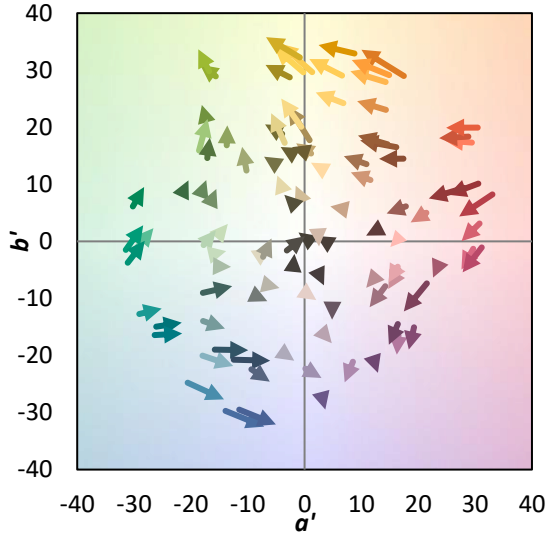


Color Vector Graphics







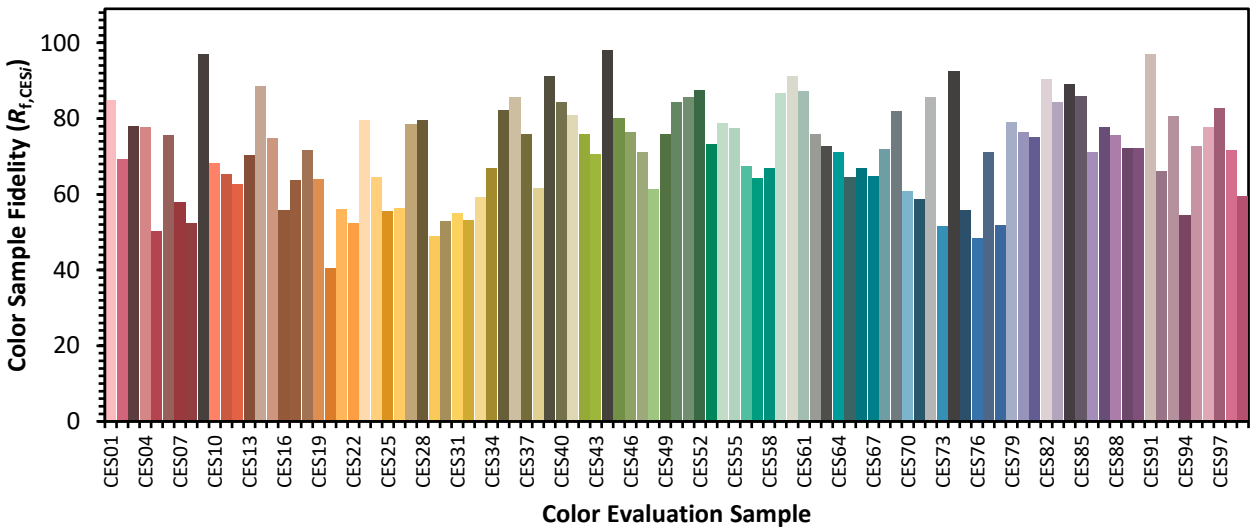


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Individual Sample Fidelity Index ($R_{f,i}$)

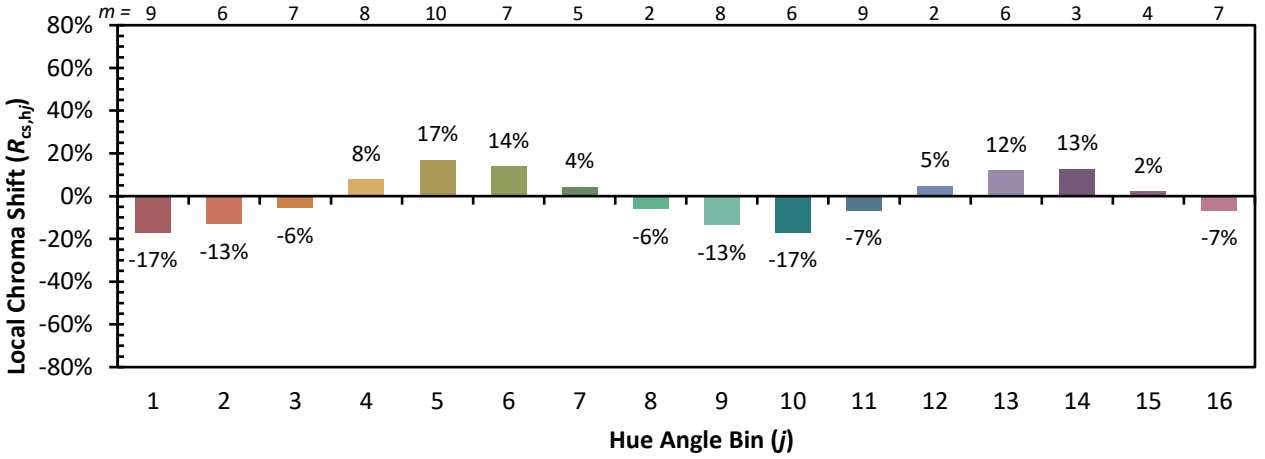
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

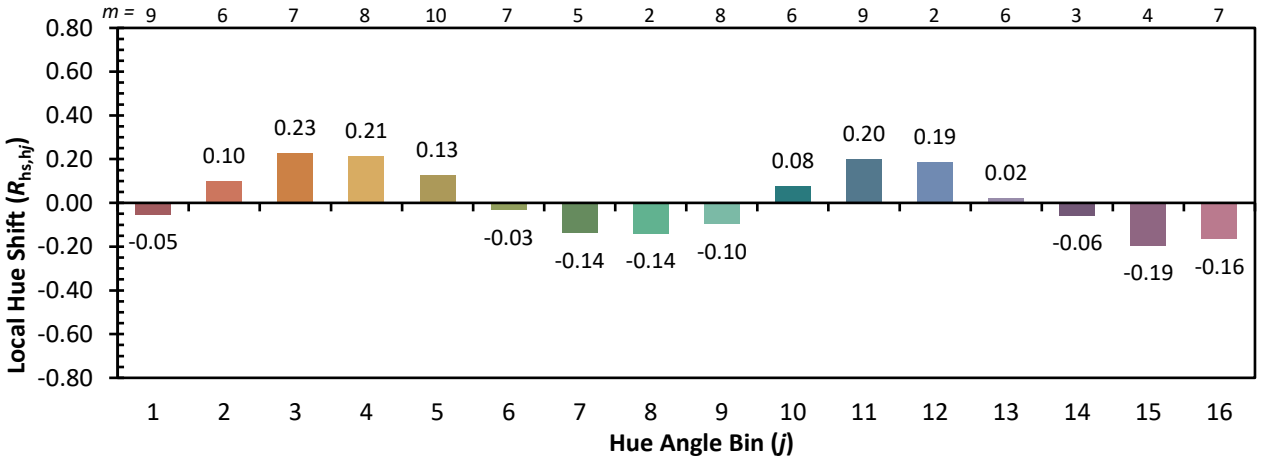


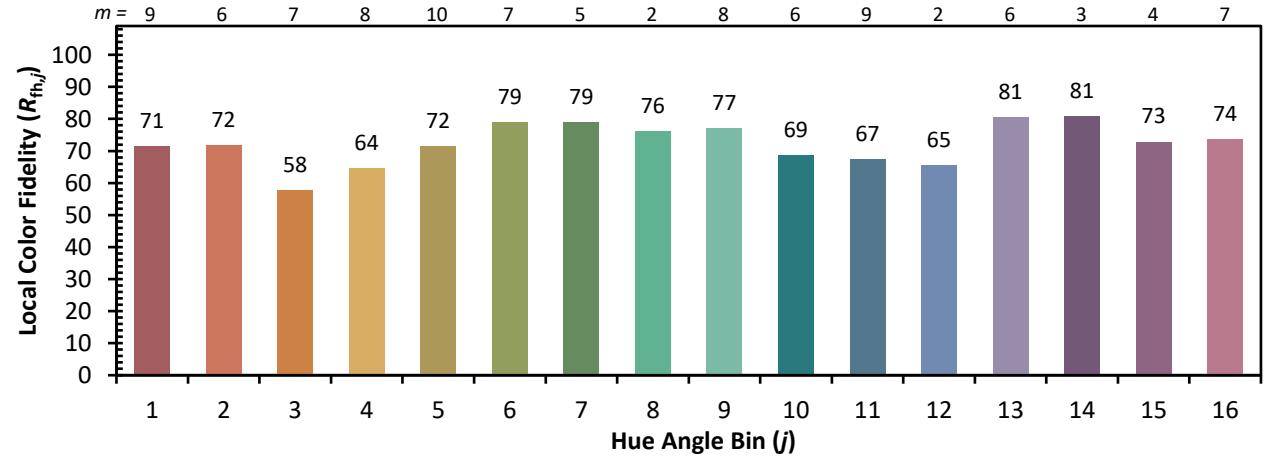
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Color Rendition by Hue-Angle Bin



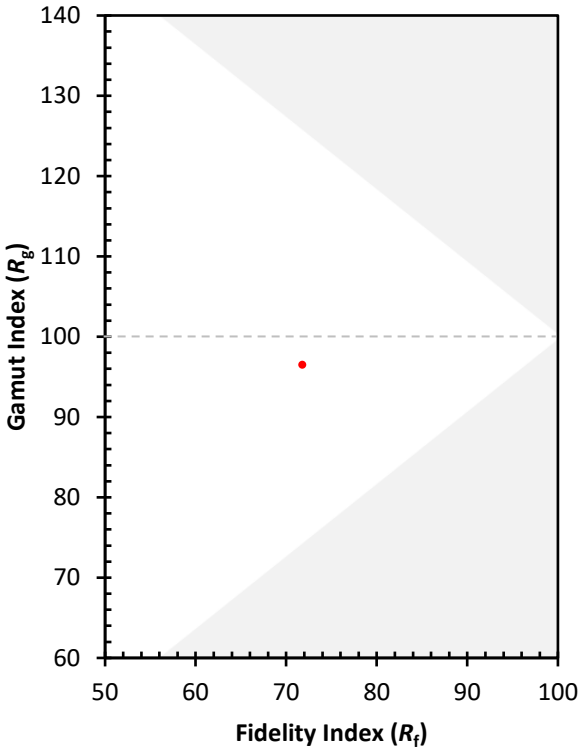


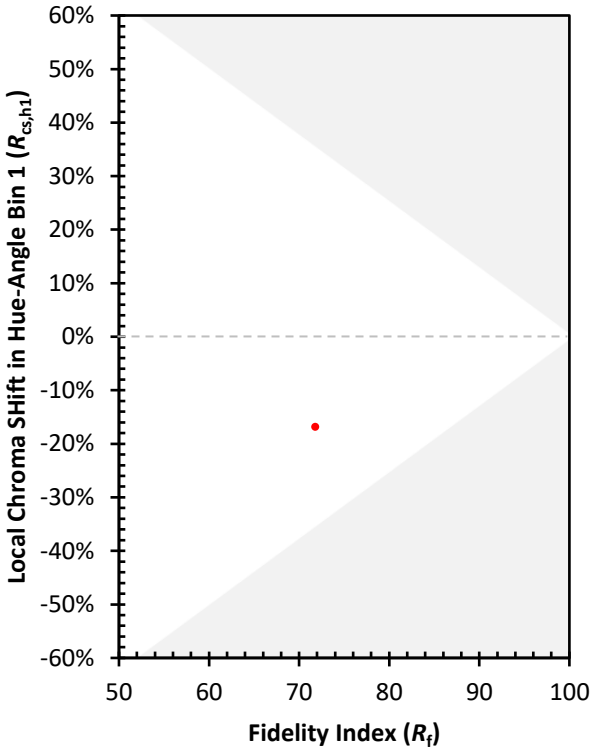


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Measure Comparisons





(END OF REPORT)