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: P1364899

Luminaire Tested: **GSS-SB4A-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:	P1364899
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17484.4 lumens
Efficiency:	N/A
Efficacy:	153.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

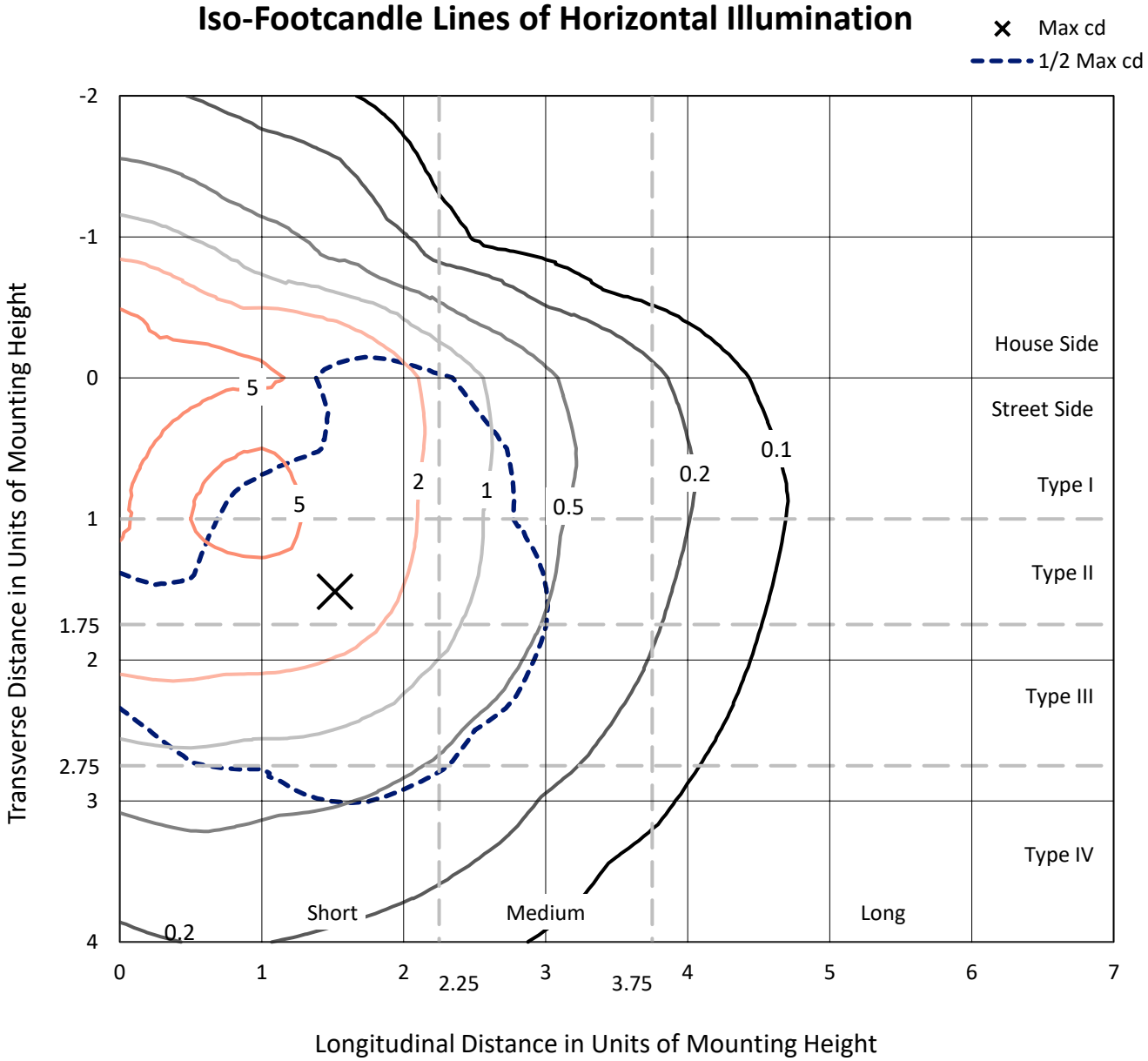
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



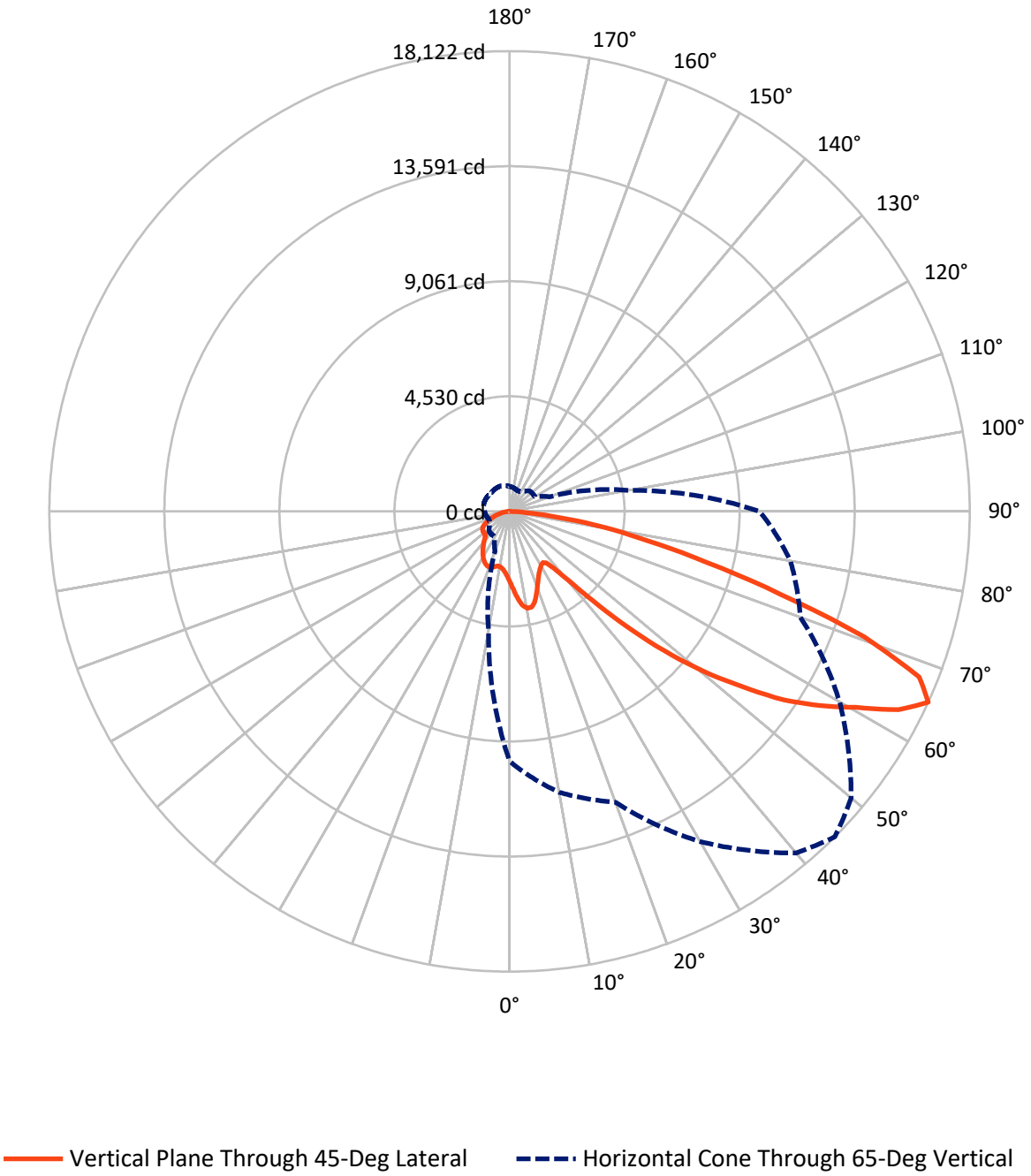
Based on 20 foot mounting height. Maximum calculated value = 9.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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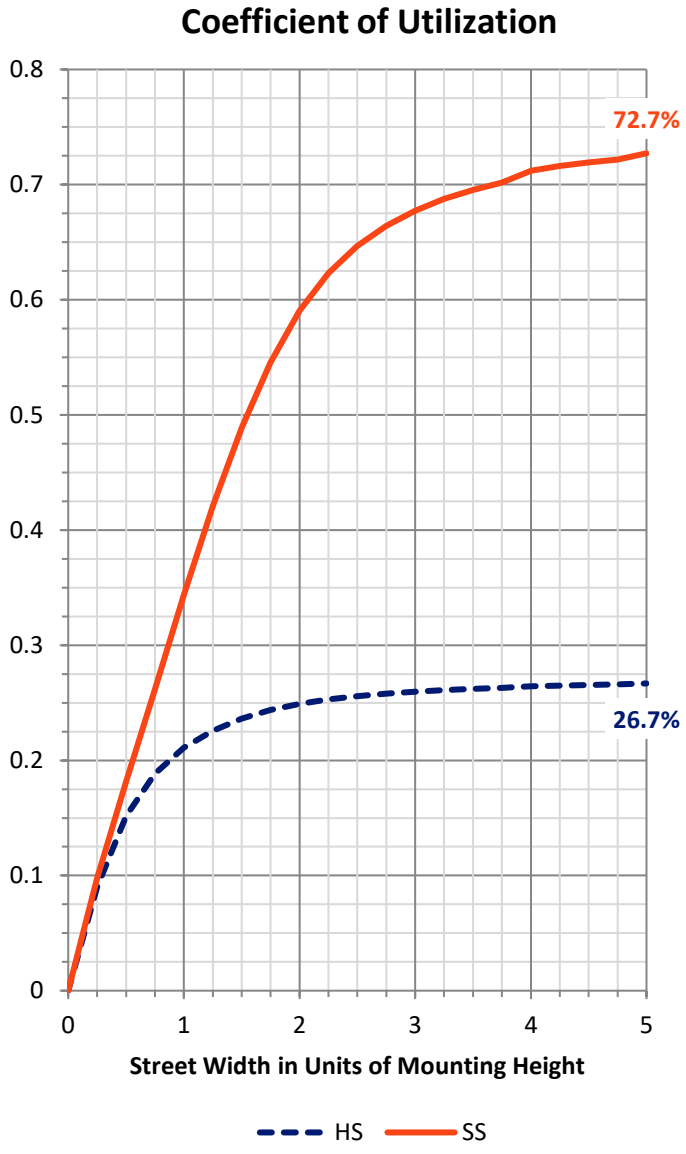
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4703.7	0.0	4703.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	12780.7	0.0	12780.7
	% Fixture	73.1	0.0	73.1
Total	Lumens	17484.4	0.0	17484.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.3	1.6
10°-20°	843.6	4.8
20°-30°	1305.6	7.5
30°-40°	1619.9	9.3
40°-50°	2368.7	13.5
50°-60°	3710.3	21.2
60°-70°	4402.6	25.2
70°-80°	2567.8	14.7
80°-90°	390.6	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°	17484.4	100.0
0°-180°	17484.4	100.0



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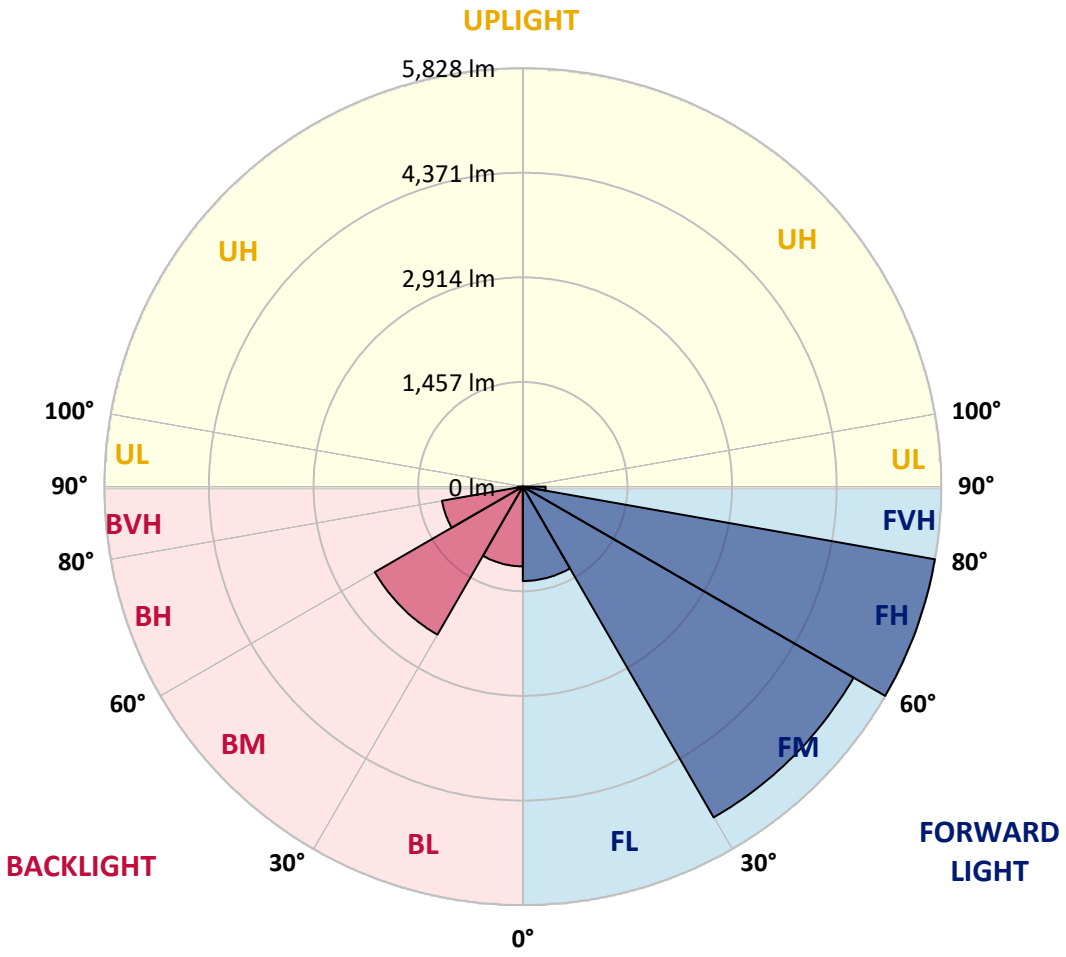
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1314.1	7.5			
FM	(30°-60°)	5319.1	30.4			
FH	(60°-80°)	5828.0	33.3			G3/7500
FVH	(80°-90°)	319.5	1.8			G3/500
BL	(0°-30°)	1110.4	6.4	B3/2500		
BM	(30°-60°)	2379.8	13.6	B2/2500		
BH	(60°-80°)	1142.3	6.5	B3/2500		G3/2500
BVH	(80°-90°)	71.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	*2787.9*	2787.9
2.5°	3012.4	3023.1	3033.8	3045.3	3057.3	3064.2	3071.0	3078.3	3085.1	*3091.5*	3085.1
5°	3217.7	3266.0	3313.9	3346.4	3378.9	3403.7	3428.5	3442.6	3457.1	*3459.2*	3457.1
7.5°	3425.0	3482.3	3539.6	3589.2	3638.8	3670.5	3702.1	3720.5	3739.3	*3745.7*	3739.3
10°	3555.5	3622.6	3690.2	3738.0	3786.4	3815.9	3844.9	3859.5	3874.0	*3878.3*	3874.0
12.5°	3621.7	3686.3	3750.9	3788.1	3824.8	3843.7	3862.0	3868.9	3874.9	*3869.7*	3874.9
15°	3653.8	3691.9	3729.5	3745.3	3760.7	3751.7	3742.3	3729.1	3715.8	*3707.3*	3715.8
17.5°	3662.4	3675.6	3689.3	3660.6	3632.4	3581.1	3529.8	3491.3	3452.8	*3425.0*	3452.8
20°	3690.2	3668.8	3647.4	3571.3	3495.6	3399.4	3303.2	3238.6	3173.6	*3134.3*	3173.6
22.5°	3720.1	3659.8	3599.5	3471.6	3343.8	3212.1	3080.8	3006.4	2932.5	*2890.5*	2932.5
25°	3767.1	3663.6	3559.7	3387.0	3214.7	3059.9	2905.5	2824.7	2744.3	*2698.1*	2744.3
27.5°	3835.5	3677.3	3519.1	3305.3	3091.5	2923.9	2755.9	2678.9	2601.9	*2561.3*	2601.9
30°	3931.7	3721.8	3511.4	3255.7	2999.6	2824.3	2649.0	2573.7	2498.0	*2454.4*	2498.0
32.5°	4049.3	3784.2	3519.1	3232.6	2946.1	2767.4	2589.1	2516.8	2445.0	*2407.4*	2445.0
35°	4248.2	3912.5	3576.8	3259.1	2941.9	2776.0	2610.5	2557.5	2504.9	*2484.3*	2504.9
37.5°	4500.4	4108.3	3715.8	3388.7	3061.6	2948.7	2835.8	2835.8	2835.8	*2852.1*	2835.8
40°	4872.5	4432.0	3991.6	3682.0	3372.9	3366.0	3360.0	3431.9	3504.1	*3536.2*	3504.1
42.5°	5394.1	4928.5	4463.2	4213.5	3963.8	4113.5	4263.1	4470.9	4678.8	*4814.7*	4678.8
45°	6041.9	5588.7	5135.4	4961.0	4786.9	5120.0	5452.7	5820.0	6187.3	*6448.1*	6187.3
47.5°	6661.9	6280.5	5898.7	5799.1	5699.9	6253.6	6807.3	7345.7	7884.0	*8201.3*	7884.0
50°	7380.3	7037.4	6694.0	6674.8	6655.5	7393.1	8130.7	8825.6	9520.4	*9907.4*	9520.4
52.5°	8301.8	7925.1	7547.9	7563.3	7577.9	8454.0	9330.1	10170.4	11010.6	*11446.7*	11010.6
55°	9402.8	8930.3	8457.8	8455.3	8452.7	9459.3	10466.7	11498.9	12532.0	*13114.4*	12532.0
57.5°	10525.3	10082.7	9640.1	9535.0	9429.3	10482.1	11534.4	12674.4	13814.8	*14427.1*	13814.8
60°	11367.6	11123.9	10880.2	10711.7	10543.7	11624.6	12706.0	13883.6	15060.8	*15671.4*	15060.8
62.5°	11019.1	11454.9	11890.6	11878.2	11865.8	13032.7	14199.6	15424.2	16649.7	*17197.9*	16649.7
65°	*9843.3*	*10538.1*	*11232.9*	*11711.0*	*12188.6*	*13599.3*	*15009.5*	*16285.4*	*17561.4*	*18121.5*	*17561.4*
67.5°	8740.1	9352.4	9965.1	10356.4	10747.6	12337.0	13926.8	15374.6	16822.5	*17398.9*	16822.5
70°	7683.9	8362.1	9040.2	9319.9	9599.5	10949.9	12299.8	13445.3	14590.4	*14816.2*	14590.4
72.5°	6595.7	7402.1	8209.0	8327.4	8445.9	9428.5	10411.1	11021.3	11631.5	*11138.9*	11631.5
75°	5400.5	6310.5	7220.0	7299.1	7378.2	7684.3	7990.9	8146.1	8301.8	*8021.7*	8301.8
77.5°	3591.8	4379.4	5167.5	5344.9	5522.4	5726.4	5930.8	5920.1	5909.4	*5516.0*	5909.4
80°	2108.0	2724.2	3340.4	3363.5	3386.6	3539.6	3692.3	3848.4	4004.4	*3754.3*	4004.4
82.5°	1054.0	1392.3	1730.9	1783.1	1835.2	1928.9	2022.5	2066.1	2110.2	*1898.5*	2110.2
85°	239.5	327.5	415.6	500.7	585.8	684.2	782.5	771.4	760.3	*641.4*	760.3
87.5°	19.2	19.7	20.5	21.0	21.4	21.8	22.2	23.5	24.8	*25.7*	24.8
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°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	3078.3	3071.0	3064.2	3057.3	3045.3	3033.8	3023.1	3012.4	2985.0	2958.1	2933.3
5°	3442.6	3428.5	3403.7	3378.9	3346.4	3313.9	3266.0	3217.7	3169.3	3121.4	3071.0
7.5°	3720.5	3702.1	3670.5	3638.8	3589.2	3539.6	3482.3	3425.0	3343.8	3262.6	3186.0
10°	3859.5	3844.9	3815.9	3786.4	3738.0	3690.2	3622.6	3555.5	3458.4	3360.9	3266.0
12.5°	3868.9	3862.0	3843.7	3824.8	3788.1	3750.9	3686.3	3621.7	3525.1	3428.5	3322.0
15°	3729.1	3742.3	3751.7	3760.7	3745.3	3729.5	3691.9	3653.8	3555.9	3458.4	3350.2
17.5°	3491.3	3529.8	3581.1	3632.4	3660.6	3689.3	3675.6	3662.4	3570.9	3479.8	3364.3
20°	3238.6	3303.2	3399.4	3495.6	3571.3	3647.4	3668.8	3690.2	3597.8	3505.4	3381.4
22.5°	3006.4	3080.8	3212.1	3343.8	3471.6	3599.5	3659.8	3720.1	3635.4	3551.2	3414.8
25°	2824.7	2905.5	3059.9	3214.7	3387.0	3559.7	3663.6	3767.1	3694.0	3620.9	3472.1
27.5°	2678.9	2755.9	2923.9	3091.5	3305.3	3519.1	3677.3	3835.5	3779.5	3723.5	3555.9
30°	2573.7	2649.0	2824.3	2999.6	3255.7	3511.4	3721.8	3931.7	3887.7	3844.1	3655.1
32.5°	2516.8	2589.1	2767.4	2946.1	3232.6	3519.1	3784.2	4049.3	4022.0	3994.6	3771.8
35°	2557.5	2610.5	2776.0	2941.9	3259.1	3576.8	3912.5	4248.2	4214.0	4179.7	3895.8
37.5°	2835.8	2835.8	2948.7	3061.6	3388.7	3715.8	4108.3	4500.4	4459.8	4419.2	4047.2
40°	3431.9	3360.0	3366.0	3372.9	3682.0	3991.6	4432.0	4872.5	4792.5	4712.1	4220.4
42.5°	4470.9	4263.1	4113.5	3963.8	4213.5	4463.2	4928.5	5394.1	5224.8	5055.0	4411.9
45°	5820.0	5452.7	5120.0	4786.9	4961.0	5135.4	5588.7	6041.9	5770.4	5498.9	4671.9
47.5°	7345.7	6807.3	6253.6	5699.9	5799.1	5898.7	6280.5	6661.9	6318.2	5974.4	4939.2
50°	8825.6	8130.7	7393.1	6655.5	6674.8	6694.0	7037.4	7380.3	6914.2	6448.1	5172.2
52.5°	10170.4	9330.1	8454.0	7577.9	7563.3	7547.9	7925.1	8301.8	7561.6	6821.0	5282.5
55°	11498.9	10466.7	9459.3	8452.7	8455.3	8457.8	8930.3	9402.8	8212.0	7021.1	5253.4
57.5°	12674.4	11534.4	10482.1	9429.3	9535.0	9640.1	10082.7	10525.3	8758.0	6991.2	5094.8
60°	13883.6	12706.0	11624.6	10543.7	10711.7	10880.2	11123.9	11367.6	9002.6	6637.1	4714.7
62.5°	15424.2	14199.6	13032.7	11865.8	11878.2	11890.6	11454.9	11019.1	8460.0	5900.8	4091.7
65°	*16285.4*	*15009.5*	*13599.3*	*12188.6*	*11711.0*	*11232.9*	*10538.1*	*9843.3*	*7296.9*	*4750.6*	*3209.5*
67.5°	15374.6	13926.8	12337.0	10747.6	10356.4	9965.1	9352.4	8740.1	6266.8	3793.6	2497.6
70°	13445.3	12299.8	10949.9	9599.5	9319.9	9040.2	8362.1	7683.9	5324.0	2964.1	1913.9
72.5°	11021.3	10411.1	9428.5	8445.9	8327.4	8209.0	7402.1	6595.7	4420.9	2245.7	1438.9
75°	8146.1	7990.9	7684.3	7378.2	7299.1	7220.0	6310.5	5400.5	3529.8	1659.1	1066.4
77.5°	5920.1	5930.8	5726.4	5522.4	5344.9	5167.5	4379.4	3591.8	2315.9	1039.9	689.3
80°	3848.4	3692.3	3539.6	3386.6	3363.5	3340.4	2724.2	2108.0	1327.7	547.3	381.0
82.5°	2066.1	2022.5	1928.9	1835.2	1783.1	1730.9	1392.3	1054.0	665.3	277.1	204.8
85°	771.4	782.5	684.2	585.8	500.7	415.6	327.5	239.5	158.2	77.0	65.0
87.5°	23.5	22.2	21.8	21.4	21.0	20.5	19.7	19.2	18.8	18.0	17.5
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°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	2908.5	2883.7	2858.5	2834.5	2810.2	2785.8	2764.4	2741.3	2718.7	2700.7	2683.2
5°	3021.0	2971.8	2922.6	2876.0	2829.8	2781.5	2740.0	2699.0	2658.8	2625.4	2592.1
7.5°	3109.5	3041.1	2972.6	2911.5	2849.9	2785.8	2735.8	2685.7	2636.1	2592.9	2549.3
10°	3170.6	3086.4	3001.7	2931.2	2860.6	2792.2	2738.8	2686.2	2634.0	2589.5	2545.0
12.5°	3215.5	3121.0	3026.5	2948.7	2871.3	2796.5	2744.3	2700.7	2657.5	2626.3	2595.5
15°	3242.0	3140.3	3038.1	2950.4	2862.8	2779.4	2733.2	2705.0	2676.7	2674.2	2671.6
17.5°	3248.9	3132.6	3016.7	2914.5	2812.7	2715.2	2675.9	2672.0	2668.2	2710.5	2752.9
20°	3257.4	3121.0	2984.6	2850.4	2716.1	2587.0	2562.2	2586.5	2610.5	2693.4	2776.0
22.5°	3278.8	3112.0	2945.3	2776.8	2608.3	2454.4	2430.9	2466.8	2502.3	2610.5	2718.7
25°	3323.3	3111.2	2899.1	2689.1	2479.2	2302.6	2300.5	2339.4	2378.3	2478.3	2578.4
27.5°	3388.7	3119.3	2849.9	2599.4	2348.4	2167.9	2178.6	2215.8	2253.4	2327.8	2402.2
30°	3465.7	3136.8	2808.4	2521.1	2234.2	2058.9	2070.4	2099.5	2128.6	2182.4	2236.3
32.5°	3549.0	3156.5	2764.4	2452.7	2141.4	1979.8	1979.8	1992.2	2004.6	2039.6	2074.7
35°	3612.3	3151.8	2691.7	2374.9	2057.6	1932.7	1906.2	1896.0	1885.7	1908.8	1931.9
37.5°	3675.2	3138.6	2601.9	2288.5	1975.5	1877.1	1826.7	1799.3	1771.1	1782.2	1792.5
40°	3728.6	3108.6	2488.6	2185.4	1882.3	1804.5	1741.2	1700.1	1659.1	1658.2	1656.9
42.5°	3768.0	3056.9	2345.4	2062.7	1779.7	1725.3	1647.1	1594.9	1542.8	1537.2	1531.6
45°	3844.9	3021.4	2197.8	1937.9	1678.3	1629.1	1551.3	1497.4	1444.4	1435.9	1427.3
47.5°	3903.9	2979.9	2055.9	1813.9	1572.7	1515.8	1443.1	1397.4	1351.2	1346.1	1340.5
50°	3896.3	2909.4	1922.0	1703.5	1484.6	1406.8	1335.0	1297.3	1259.3	1265.7	1272.1
52.5°	3743.6	2764.8	1786.5	1604.3	1423.0	1323.4	1246.4	1218.2	1189.6	1209.7	1229.3
55°	3485.8	2573.3	1659.9	1521.4	1382.0	1282.8	1192.1	1160.5	1128.9	1157.1	1185.3
57.5°	3198.4	2372.7	1547.0	1451.3	1355.5	1272.1	1160.9	1116.5	1072.4	1100.6	1128.9
60°	2792.2	2119.2	1446.1	1379.0	1311.9	1246.4	1135.3	1079.7	1024.1	1042.9	1061.3
62.5°	2282.5	1797.6	1312.7	1275.1	1237.9	1210.1	1104.1	1031.4	958.7	961.2	962.9
65°	*1668.5*	*1412.8*	*1156.6*	*1148.5*	*1140.8*	*1133.1*	*1045.5*	*967.2*	*889.4*	*880.8*	*872.3*
67.5°	1201.5	1080.1	958.7	981.3	1004.0	1015.5	955.7	886.8	817.6	800.0	782.5
70°	863.7	821.0	778.2	812.0	845.8	842.4	813.3	772.2	731.2	720.1	709.0
72.5°	632.0	631.1	630.7	656.4	682.0	647.8	666.2	656.8	647.8	639.7	632.0
75°	473.8	470.8	468.2	498.6	529.4	543.0	555.0	549.9	545.2	539.2	533.6
77.5°	338.7	341.2	342.9	376.3	409.6	449.0	451.1	440.0	428.5	422.5	415.6
80°	214.7	217.2	218.9	254.0	288.6	344.2	342.1	328.4	314.3	309.6	304.4
82.5°	132.6	133.0	133.4	150.5	167.6	198.8	207.4	207.4	207.4	204.4	201.0
85°	53.4	56.0	59.0	70.1	81.2	98.3	103.5	104.3	104.8	100.1	94.9
87.5°	17.1	18.0	19.2	21.4	23.5	25.7	29.9	32.5	35.1	37.6	39.3
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: P1364899
CATALOG NUMBER: GSS-SB4A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	2667.8	2651.9	2633.6	2614.7	2601.5	2587.8	2578.8	2569.9	2565.6	2561.3	2557.9
5°	2564.7	2536.5	2511.7	2486.5	2466.8	2446.7	2430.5	2413.8	2406.9	2399.7	2395.0
7.5°	2512.6	2475.8	2445.0	2413.8	2384.3	2355.2	2336.4	2317.6	2306.5	2295.3	2287.2
10°	2506.1	2467.2	2426.6	2386.0	2353.5	2321.0	2292.8	2265.4	2249.6	2234.2	2225.6
12.5°	2559.6	2523.7	2475.4	2426.6	2382.6	2338.9	2304.3	2269.7	2250.0	2231.2	2218.4
15°	2659.2	2646.8	2601.9	2557.0	2496.3	2435.2	2385.6	2335.5	2308.2	2279.9	2264.1
17.5°	2777.2	2801.6	2770.4	2738.8	2653.2	2567.7	2493.7	2420.2	2380.0	2339.8	2325.7
20°	2841.8	2907.7	2904.2	2901.2	2789.6	2677.6	2580.5	2483.5	2429.6	2376.6	2355.2
22.5°	2813.6	2908.5	2932.9	2956.8	2847.4	2737.5	2617.7	2498.0	2434.7	2371.0	2350.9
25°	2680.6	2782.8	2828.1	2873.4	2783.2	2693.0	2576.7	2460.8	2394.1	2327.0	2306.5
27.5°	2484.3	2566.4	2617.3	2668.2	2613.0	2557.9	2463.8	2369.7	2310.7	2251.3	2229.5
30°	2291.9	2347.5	2388.1	2428.7	2392.4	2356.1	2288.5	2221.4	2177.3	2133.7	2120.0
32.5°	2116.2	2157.2	2179.9	2202.1	2173.9	2145.7	2101.2	2056.7	2029.4	2002.0	1993.0
35°	1965.2	1999.0	2016.1	2033.2	2009.7	1986.2	1946.4	1907.1	1887.4	1867.7	1860.5
37.5°	1821.1	1849.4	1873.7	1898.5	1881.4	1864.3	1830.5	1796.8	1773.7	1749.7	1736.9
40°	1684.3	1711.2	1742.0	1772.4	1769.4	1766.0	1733.9	1701.8	1668.5	1635.6	1618.0
42.5°	1558.6	1585.5	1618.0	1650.5	1656.9	1663.3	1636.8	1609.9	1571.4	1532.9	1506.0
45°	1450.4	1474.4	1509.8	1545.8	1560.7	1575.7	1551.7	1527.4	1484.2	1441.0	1408.9
47.5°	1364.9	1389.7	1429.0	1468.8	1484.6	1500.9	1484.6	1468.8	1431.6	1394.0	1365.7
50°	1299.0	1325.5	1356.3	1387.5	1417.1	1446.1	1443.1	1440.1	1410.6	1381.1	1354.6
52.5°	1253.7	1278.5	1310.6	1342.7	1373.4	1404.7	1409.4	1414.5	1393.1	1371.7	1348.6
55°	1214.8	1244.3	1274.2	1304.2	1333.2	1361.9	1368.3	1374.7	1359.3	1343.5	1326.4
57.5°	1160.9	1193.0	1222.9	1252.9	1286.6	1320.4	1325.5	1330.7	1314.4	1297.8	1284.9
60°	1094.2	1126.7	1157.9	1188.7	1222.9	1257.1	1264.0	1270.8	1258.0	1245.2	1233.2
62.5°	1000.1	1036.9	1062.6	1088.2	1120.7	1153.7	1163.5	1173.8	1167.8	1162.2	1148.5
65°	*907.4*	*942.8*	*962.9*	*983.5*	*1011.7*	*1039.9*	*1049.7*	*1059.6*	*1056.6*	*1054.0*	*1044.2*
67.5°	815.0	847.5	864.2	880.8	900.1	919.3	930.4	941.6	936.0	930.0	919.8
70°	735.5	762.0	776.5	791.1	806.4	821.8	827.8	833.8	825.3	816.7	793.6
72.5°	652.1	672.2	684.6	697.0	711.5	726.1	729.5	733.3	720.1	706.4	679.4
75°	549.0	564.4	573.8	583.7	598.6	613.6	620.0	626.4	607.6	589.2	560.6
77.5°	429.7	443.8	452.8	461.8	474.2	486.6	488.3	490.9	474.6	458.4	441.3
80°	314.7	325.0	328.4	331.4	341.6	351.5	351.5	351.5	339.5	327.1	318.6
82.5°	198.8	196.7	192.4	188.1	198.4	208.7	212.1	215.9	210.4	205.2	195.8
85°	88.9	82.1	80.8	79.1	78.7	77.8	80.8	83.4	82.1	81.2	77.8
87.5°	41.9	43.6	42.3	40.6	38.9	37.6	34.2	30.8	28.2	25.7	23.9
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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Peachtree City, GA 30269

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REPORT NUMBER: P1364899
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	2554.9	2552.7	2554.9	2557.9	2561.3	2565.6	2569.9	2578.8	2587.8	2601.5	2614.7
5°	2390.3	2386.0	2390.3	2395.0	2399.7	2406.9	2413.8	2430.5	2446.7	2466.8	2486.5
7.5°	2279.1	2274.8	2279.1	2287.2	2295.3	2306.5	2317.6	2336.4	2355.2	2384.3	2413.8
10°	2217.1	2210.7	2217.1	2225.6	2234.2	2249.6	2265.4	2292.8	2321.0	2353.5	2386.0
12.5°	2205.5	2197.8	2205.5	2218.4	2231.2	2250.0	2269.7	2304.3	2338.9	2382.6	2426.6
15°	2248.3	2236.3	2248.3	2264.1	2279.9	2308.2	2335.5	2385.6	2435.2	2496.3	2557.0
17.5°	2311.2	2304.7	2311.2	2325.7	2339.8	2380.0	2420.2	2493.7	2567.7	2653.2	2738.8
20°	2333.8	2326.1	2333.8	2355.2	2376.6	2429.6	2483.5	2580.5	2677.6	2789.6	2901.2
22.5°	2330.4	2321.8	2330.4	2350.9	2371.0	2434.7	2498.0	2617.7	2737.5	2847.4	2956.8
25°	2285.5	2279.1	2285.5	2306.5	2327.0	2394.1	2460.8	2576.7	2693.0	2783.2	2873.4
27.5°	2207.2	2193.6	2207.2	2229.5	2251.3	2310.7	2369.7	2463.8	2557.9	2613.0	2668.2
30°	2105.9	2099.5	2105.9	2120.0	2133.7	2177.3	2221.4	2288.5	2356.1	2392.4	2428.7
32.5°	1984.0	1979.8	1984.0	1993.0	2002.0	2029.4	2056.7	2101.2	2145.7	2173.9	2202.1
35°	1853.6	1847.2	1853.6	1860.5	1867.7	1887.4	1907.1	1946.4	1986.2	2009.7	2033.2
37.5°	1724.1	1714.7	1724.1	1736.9	1749.7	1773.7	1796.8	1830.5	1864.3	1881.4	1898.5
40°	1600.1	1590.7	1600.1	1618.0	1635.6	1668.5	1701.8	1733.9	1766.0	1769.4	1772.4
42.5°	1479.5	1462.4	1479.5	1506.0	1532.9	1571.4	1609.9	1636.8	1663.3	1656.9	1650.5
45°	1376.9	1355.5	1376.9	1408.9	1441.0	1484.2	1527.4	1551.7	1575.7	1560.7	1545.8
47.5°	1337.5	1317.0	1337.5	1365.7	1394.0	1431.6	1468.8	1484.6	1500.9	1484.6	1468.8
50°	1327.7	1308.4	1327.7	1354.6	1381.1	1410.6	1440.1	1443.1	1446.1	1417.1	1387.5
52.5°	1325.5	1308.4	1325.5	1348.6	1371.7	1393.1	1414.5	1409.4	1404.7	1373.4	1342.7
55°	1309.3	1295.6	1309.3	1326.4	1343.5	1359.3	1374.7	1368.3	1361.9	1333.2	1304.2
57.5°	1272.1	1265.7	1272.1	1284.9	1297.8	1314.4	1330.7	1325.5	1320.4	1286.6	1252.9
60°	1220.8	1210.1	1220.8	1233.2	1245.2	1258.0	1270.8	1264.0	1257.1	1222.9	1188.7
62.5°	1135.3	1120.3	1135.3	1148.5	1162.2	1167.8	1173.8	1163.5	1153.7	1120.7	1088.2
65°	*1034.8*	*1017.7*	*1034.8*	*1044.2*	*1054.0*	*1056.6*	*1059.6*	*1049.7*	*1039.9*	*1011.7*	*983.5*
67.5°	909.9	906.5	909.9	919.8	930.0	936.0	941.6	930.4	919.3	900.1	880.8
70°	770.5	744.0	770.5	793.6	816.7	825.3	833.8	827.8	821.8	806.4	791.1
72.5°	652.1	624.3	652.1	679.4	706.4	720.1	733.3	729.5	726.1	711.5	697.0
75°	532.4	513.1	532.4	560.6	589.2	607.6	626.4	620.0	613.6	598.6	583.7
77.5°	424.2	414.8	424.2	441.3	458.4	474.6	490.9	488.3	486.6	474.2	461.8
80°	310.0	303.6	310.0	318.6	327.1	339.5	351.5	351.5	351.5	341.6	331.4
82.5°	186.0	179.6	186.0	195.8	205.2	210.4	215.9	212.1	208.7	198.4	188.1
85°	74.8	72.7	74.8	77.8	81.2	82.1	83.4	80.8	77.8	78.7	79.1
87.5°	22.2	21.4	22.2	23.9	25.7	28.2	30.8	34.2	37.6	38.9	40.6
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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REPORT NUMBER: P1364899
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	2633.6	2651.9	2667.8	2683.2	2700.7	2718.7	2741.3	2764.4	2785.8	2810.2	2834.5
5°	2511.7	2536.5	2564.7	2592.1	2625.4	2658.8	2699.0	2740.0	2781.5	2829.8	2876.0
7.5°	2445.0	2475.8	2512.6	2549.3	2592.9	2636.1	2685.7	2735.8	2785.8	2849.9	2911.5
10°	2426.6	2467.2	2506.1	2545.0	2589.5	2634.0	2686.2	2738.8	2792.2	2860.6	2931.2
12.5°	2475.4	2523.7	2559.6	2595.5	2626.3	2657.5	2700.7	2744.3	2796.5	2871.3	2948.7
15°	2601.9	2646.8	2659.2	2671.6	2674.2	2676.7	2705.0	2733.2	2779.4	2862.8	2950.4
17.5°	2770.4	2801.6	2777.2	2752.9	2710.5	2668.2	2672.0	2675.9	2715.2	2812.7	2914.5
20°	2904.2	2907.7	2841.8	2776.0	2693.4	2610.5	2586.5	2562.2	2587.0	2716.1	2850.4
22.5°	2932.9	2908.5	2813.6	2718.7	2610.5	2502.3	2466.8	2430.9	2454.4	2608.3	2776.8
25°	2828.1	2782.8	2680.6	2578.4	2478.3	2378.3	2339.4	2300.5	2302.6	2479.2	2689.1
27.5°	2617.3	2566.4	2484.3	2402.2	2327.8	2253.4	2215.8	2178.6	2167.9	2348.4	2599.4
30°	2388.1	2347.5	2291.9	2236.3	2182.4	2128.6	2099.5	2070.4	2058.9	2234.2	2521.1
32.5°	2179.9	2157.2	2116.2	2074.7	2039.6	2004.6	1992.2	1979.8	1979.8	2141.4	2452.7
35°	2016.1	1999.0	1965.2	1931.9	1908.8	1885.7	1896.0	1906.2	1932.7	2057.6	2374.9
37.5°	1873.7	1849.4	1821.1	1792.5	1782.2	1771.1	1799.3	1826.7	1877.1	1975.5	2288.5
40°	1742.0	1711.2	1684.3	1656.9	1658.2	1659.1	1700.1	1741.2	1804.5	1882.3	2185.4
42.5°	1618.0	1585.5	1558.6	1531.6	1537.2	1542.8	1594.9	1647.1	1725.3	1779.7	2062.7
45°	1509.8	1474.4	1450.4	1427.3	1435.9	1444.4	1497.4	1551.3	1629.1	1678.3	1937.9
47.5°	1429.0	1389.7	1364.9	1340.5	1346.1	1351.2	1397.4	1443.1	1515.8	1572.7	1813.9
50°	1356.3	1325.5	1299.0	1272.1	1265.7	1259.3	1297.3	1335.0	1406.8	1484.6	1703.5
52.5°	1310.6	1278.5	1253.7	1229.3	1209.7	1189.6	1218.2	1246.4	1323.4	1423.0	1604.3
55°	1274.2	1244.3	1214.8	1185.3	1157.1	1128.9	1160.5	1192.1	1282.8	1382.0	1521.4
57.5°	1222.9	1193.0	1160.9	1128.9	1100.6	1072.4	1116.5	1160.9	1272.1	1355.5	1451.3
60°	1157.9	1126.7	1094.2	1061.3	1042.9	1024.1	1079.7	1135.3	1246.4	1311.9	1379.0
62.5°	1062.6	1036.9	1000.1	962.9	961.2	958.7	1031.4	1104.1	1210.1	1237.9	1275.1
65°	*962.9*	*942.8*	*907.4*	*872.3*	*880.8*	*889.4*	*967.2*	*1045.5*	*1133.1*	*1140.8*	*1148.5*
67.5°	864.2	847.5	815.0	782.5	800.0	817.6	886.8	955.7	1015.5	1004.0	981.3
70°	776.5	762.0	735.5	709.0	720.1	731.2	772.2	813.3	842.4	845.8	812.0
72.5°	684.6	672.2	652.1	632.0	639.7	647.8	656.8	666.2	647.8	682.0	656.4
75°	573.8	564.4	549.0	533.6	539.2	545.2	549.9	555.0	543.0	529.4	498.6
77.5°	452.8	443.8	429.7	415.6	422.5	428.5	440.0	451.1	449.0	409.6	376.3
80°	328.4	325.0	314.7	304.4	309.6	314.3	328.4	342.1	344.2	288.6	254.0
82.5°	192.4	196.7	198.8	201.0	204.4	207.4	207.4	207.4	198.8	167.6	150.5
85°	80.8	82.1	88.9	94.9	100.1	104.8	104.3	103.5	98.3	81.2	70.1
87.5°	42.3	43.6	41.9	39.3	37.6	35.1	32.5	29.9	25.7	23.5	21.4
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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REPORT NUMBER: P1364899
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9	2787.9
2.5°	2858.5	2883.7	2908.5	2933.3	2958.1	2985.0	3012.4
5°	2922.6	2971.8	3021.0	3071.0	3121.4	3169.3	3217.7
7.5°	2972.6	3041.1	3109.5	3186.0	3262.6	3343.8	3425.0
10°	3001.7	3086.4	3170.6	3266.0	3360.9	3458.4	3555.5
12.5°	3026.5	3121.0	3215.5	3322.0	3428.5	3525.1	3621.7
15°	3038.1	3140.3	3242.0	3350.2	3458.4	3555.9	3653.8
17.5°	3016.7	3132.6	3248.9	3364.3	3479.8	3570.9	3662.4
20°	2984.6	3121.0	3257.4	3381.4	3505.4	3597.8	3690.2
22.5°	2945.3	3112.0	3278.8	3414.8	3551.2	3635.4	3720.1
25°	2899.1	3111.2	3323.3	3472.1	3620.9	3694.0	3767.1
27.5°	2849.9	3119.3	3388.7	3555.9	3723.5	3779.5	3835.5
30°	2808.4	3136.8	3465.7	3655.1	3844.1	3887.7	3931.7
32.5°	2764.4	3156.5	3549.0	3771.8	3994.6	4022.0	4049.3
35°	2691.7	3151.8	3612.3	3895.8	4179.7	4214.0	4248.2
37.5°	2601.9	3138.6	3675.2	4047.2	4419.2	4459.8	4500.4
40°	2488.6	3108.6	3728.6	4220.4	4712.1	4792.5	4872.5
42.5°	2345.4	3056.9	3768.0	4411.9	5055.0	5224.8	5394.1
45°	2197.8	3021.4	3844.9	4671.9	5498.9	5770.4	6041.9
47.5°	2055.9	2979.9	3903.9	4939.2	5974.4	6318.2	6661.9
50°	1922.0	2909.4	3896.3	5172.2	6448.1	6914.2	7380.3
52.5°	1786.5	2764.8	3743.6	5282.5	6821.0	7561.6	8301.8
55°	1659.9	2573.3	3485.8	5253.4	7021.1	8212.0	9402.8
57.5°	1547.0	2372.7	3198.4	5094.8	6991.2	8758.0	10525.3
60°	1446.1	2119.2	2792.2	4714.7	6637.1	9002.6	11367.6
62.5°	1312.7	1797.6	2282.5	4091.7	5900.8	8460.0	11019.1
65°	*1156.6*	*1412.8*	*1668.5*	*3209.5*	*4750.6*	*7296.9*	*9843.3*
67.5°	958.7	1080.1	1201.5	2497.6	3793.6	6266.8	8740.1
70°	778.2	821.0	863.7	1913.9	2964.1	5324.0	7683.9
72.5°	630.7	631.1	632.0	1438.9	2245.7	4420.9	6595.7
75°	468.2	470.8	473.8	1066.4	1659.1	3529.8	5400.5
77.5°	342.9	341.2	338.7	689.3	1039.9	2315.9	3591.8
80°	218.9	217.2	214.7	381.0	547.3	1327.7	2108.0
82.5°	133.4	133.0	132.6	204.8	277.1	665.3	1054.0
85°	59.0	56.0	53.4	65.0	77.0	158.2	239.5
87.5°	19.2	18.0	17.1	17.5	18.0	18.8	19.2
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

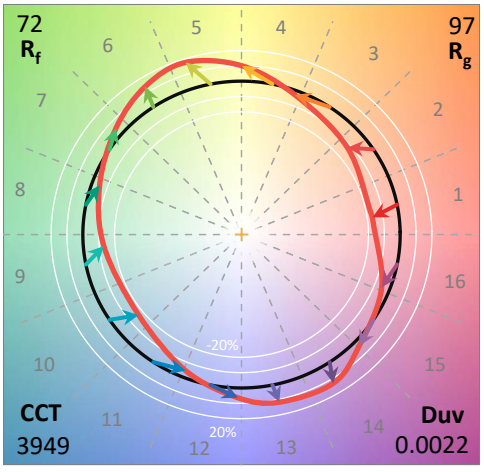
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Version: v7.04

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

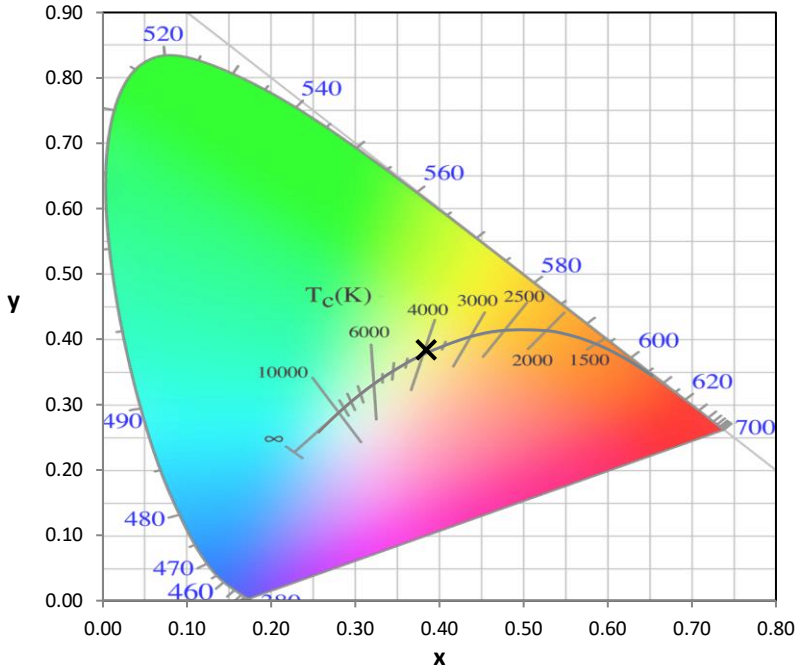
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

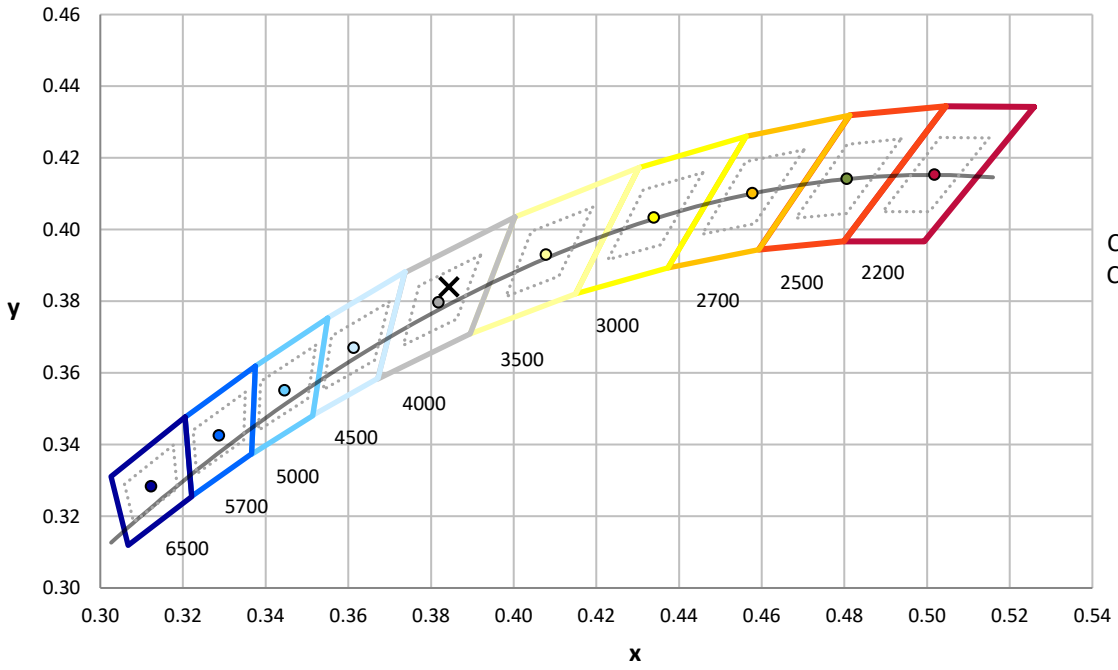
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

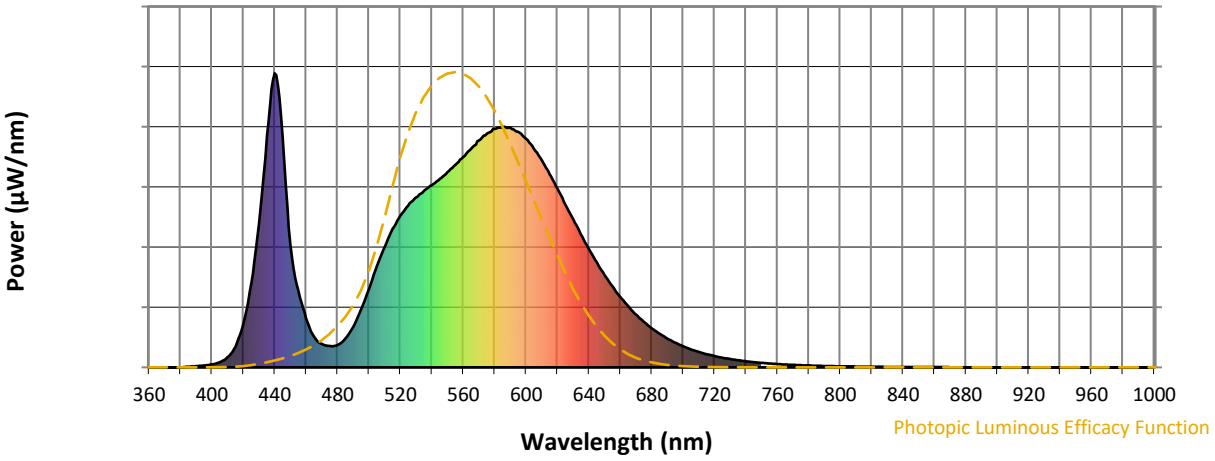


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

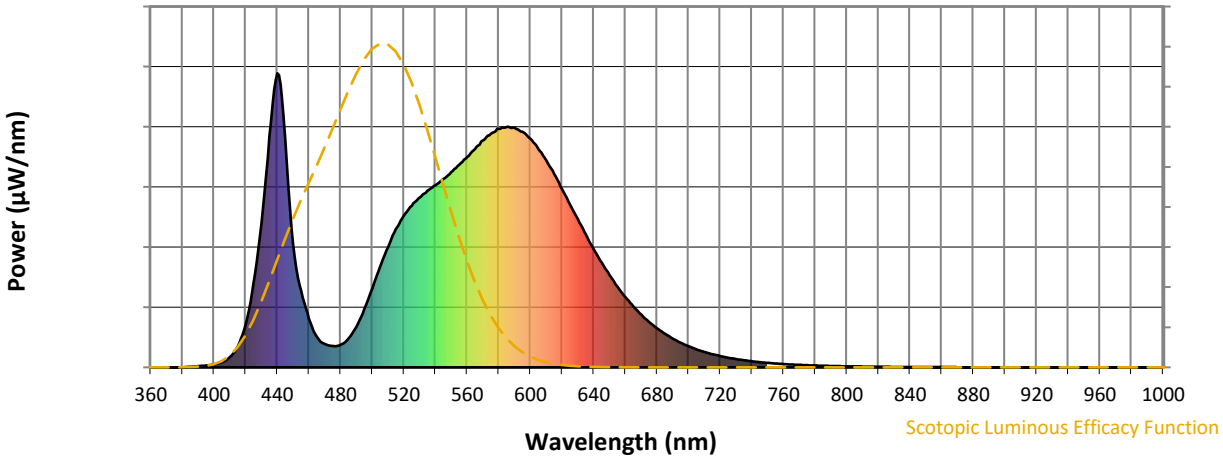


Photopic Lumens: NR

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

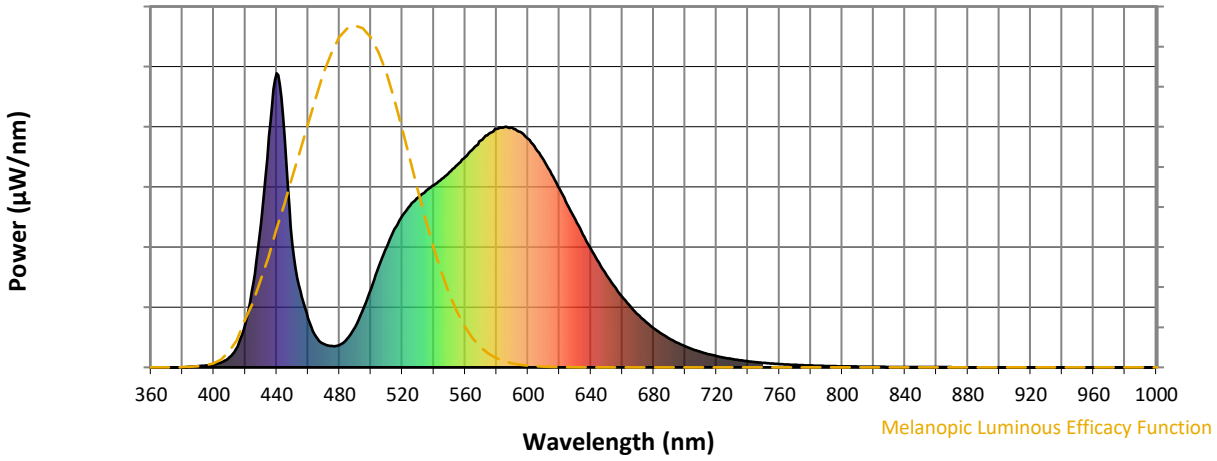


Scotopic Lumens: NR **S/P: 1.47**

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			

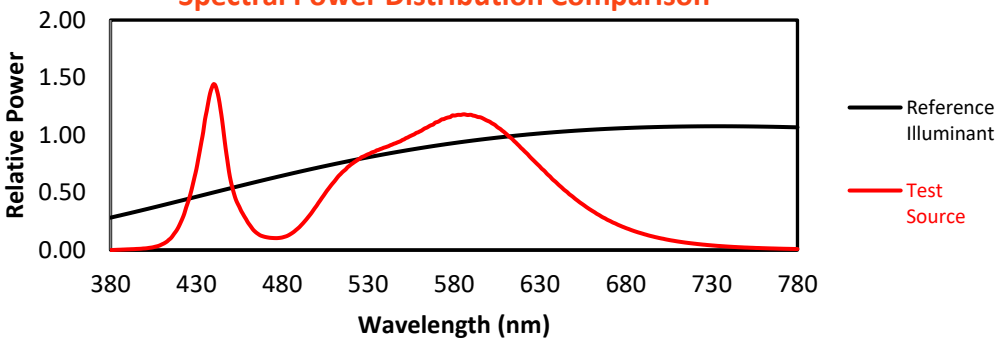
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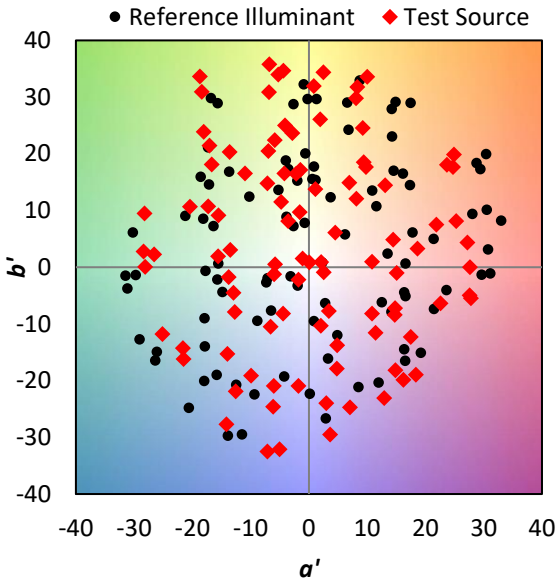
Summary

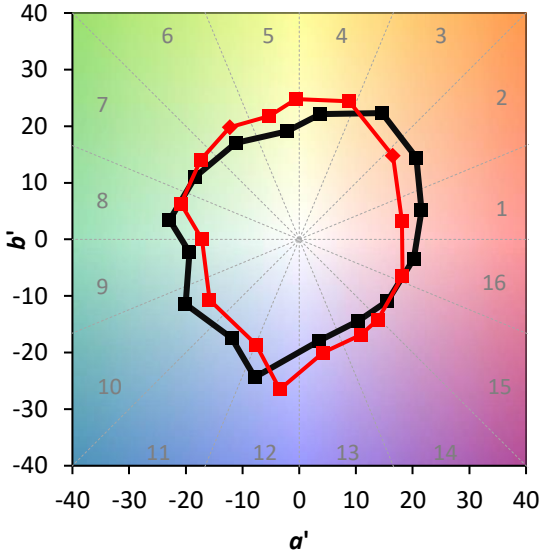
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

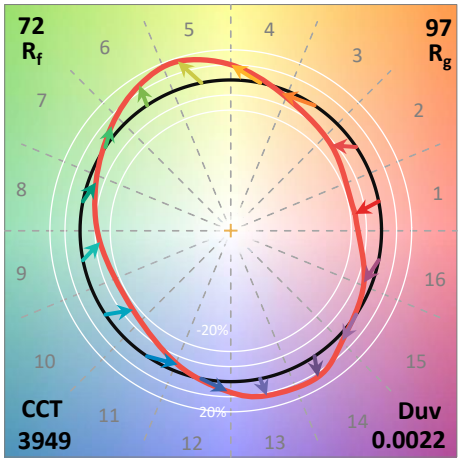
Spectral Power Distribution Comparison

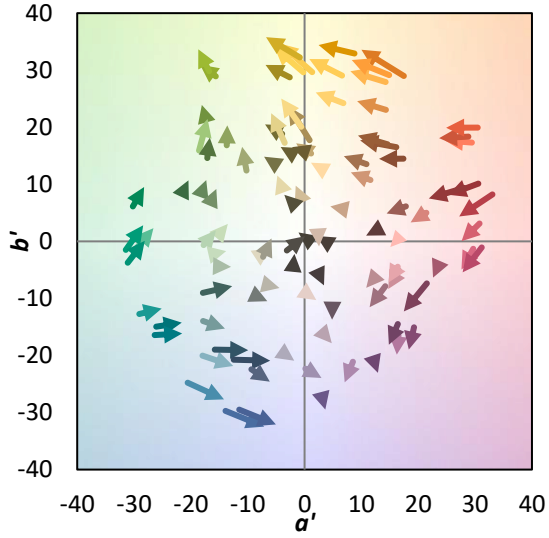


Color Vector Graphics







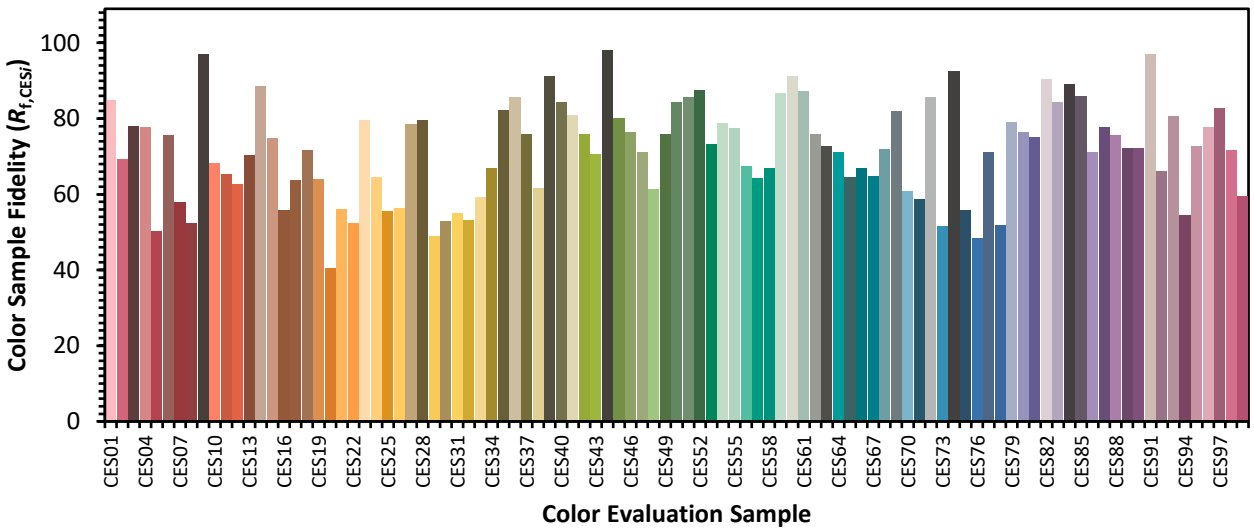


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Individual Sample Fidelity Index ($R_{f,i}$)

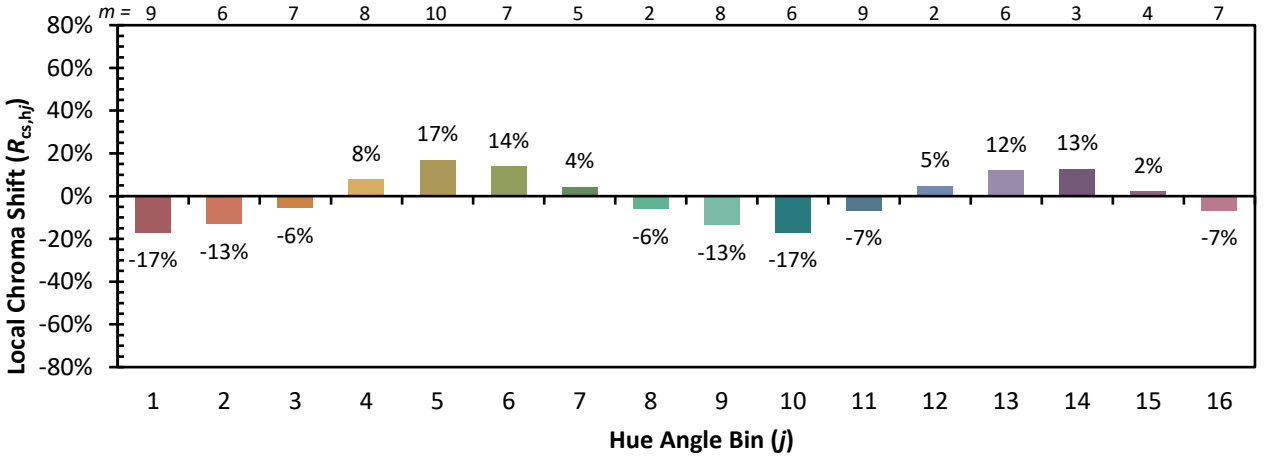
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

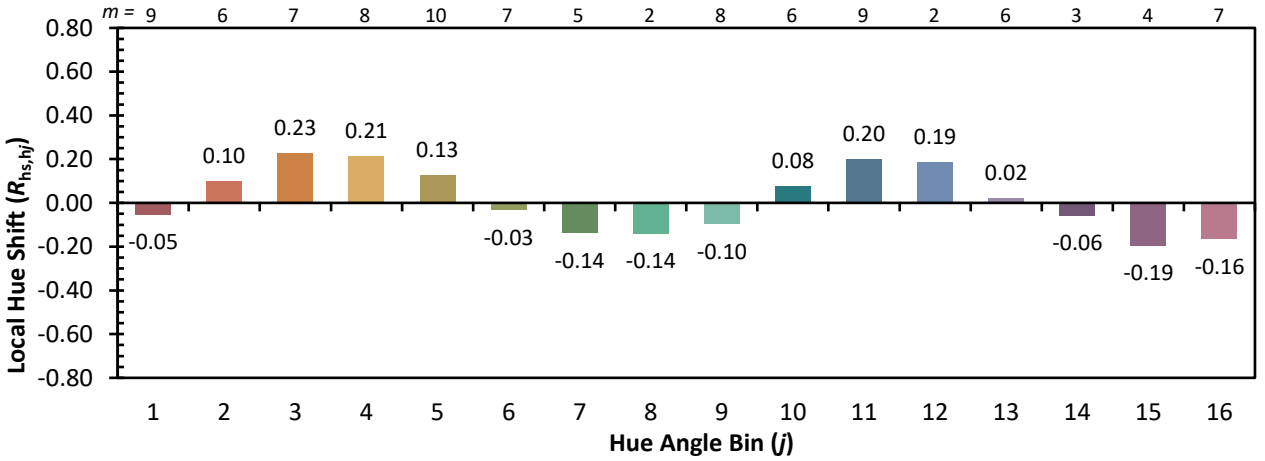


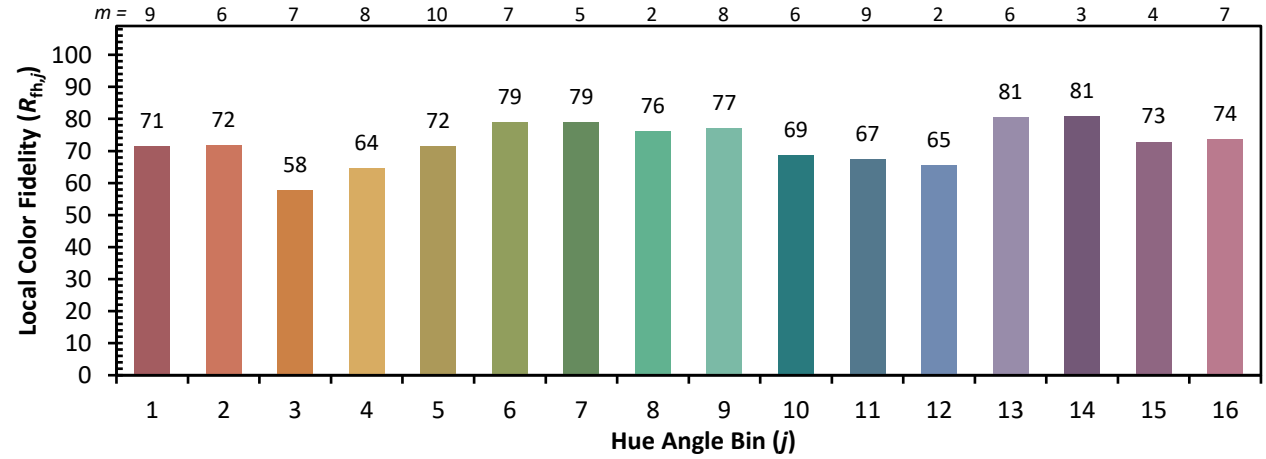
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Color Rendition by Hue-Angle Bin



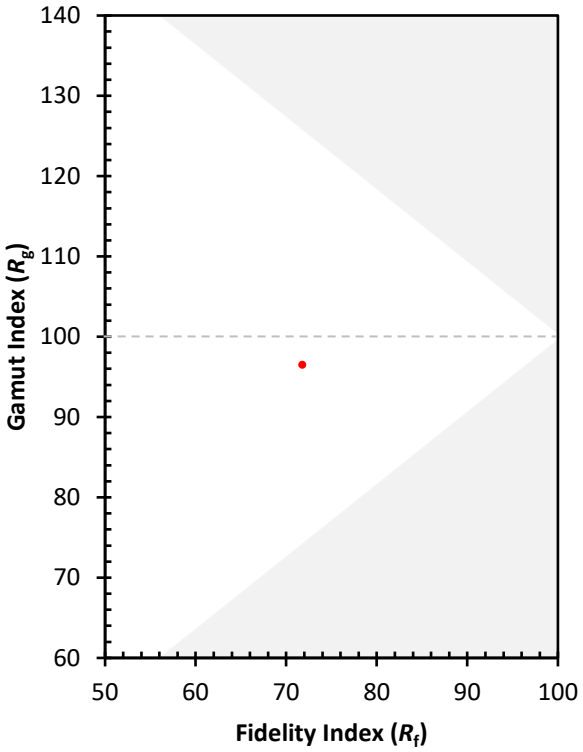


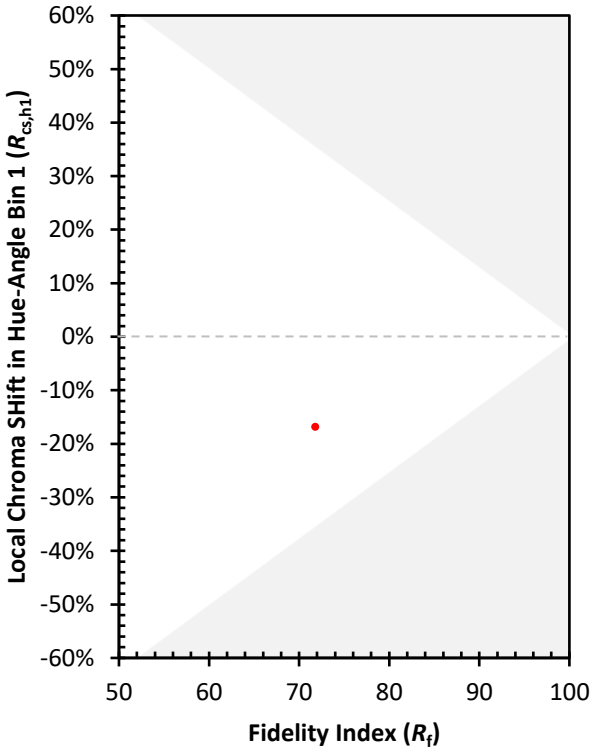


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Measure Comparisons





(END OF REPORT)