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: P1364927

Luminaire Tested: **GSS-SB5A-722-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:	P1364927
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-722-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17059.8 lumens
Efficiency:	N/A
Efficacy:	119.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

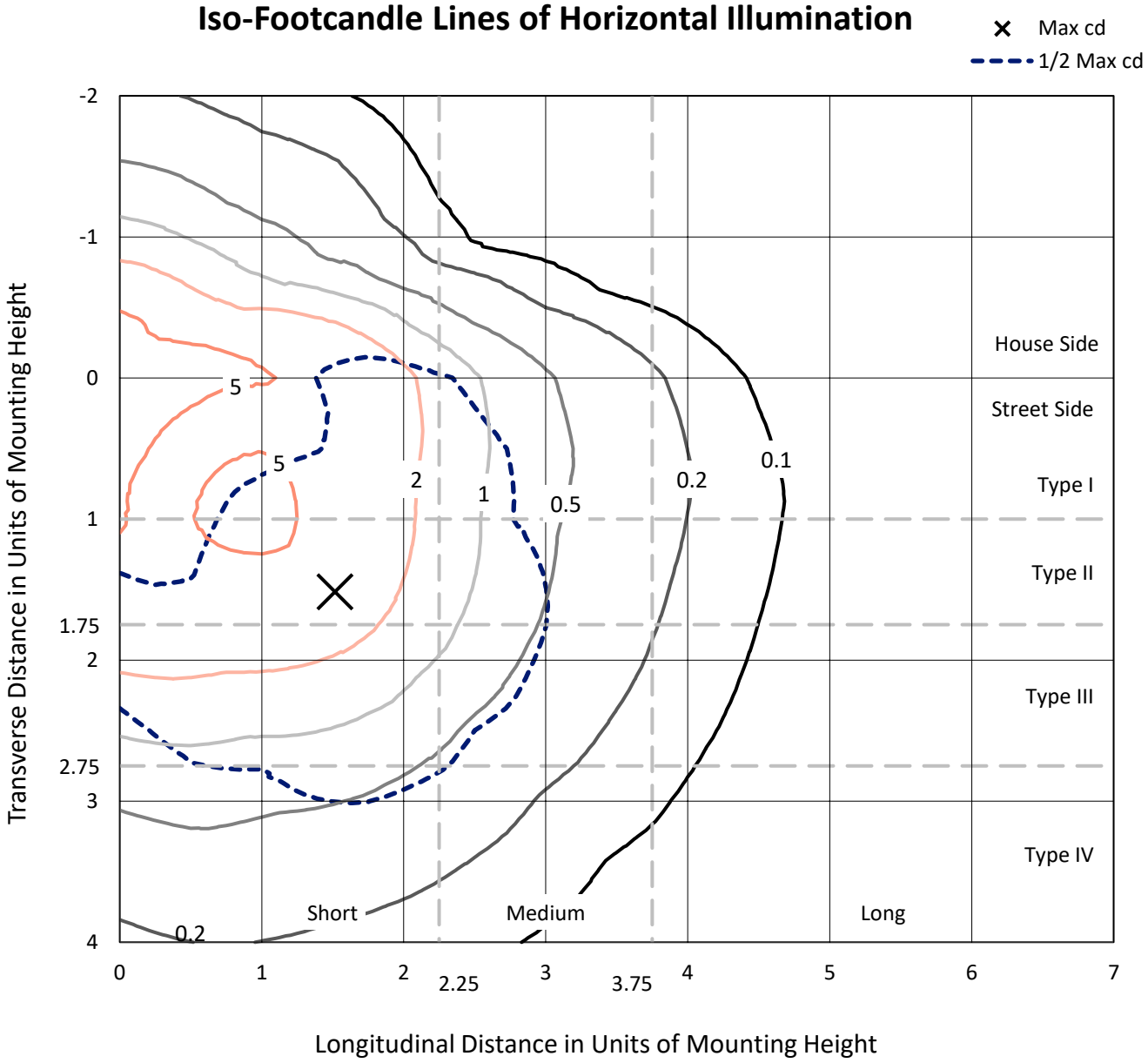
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



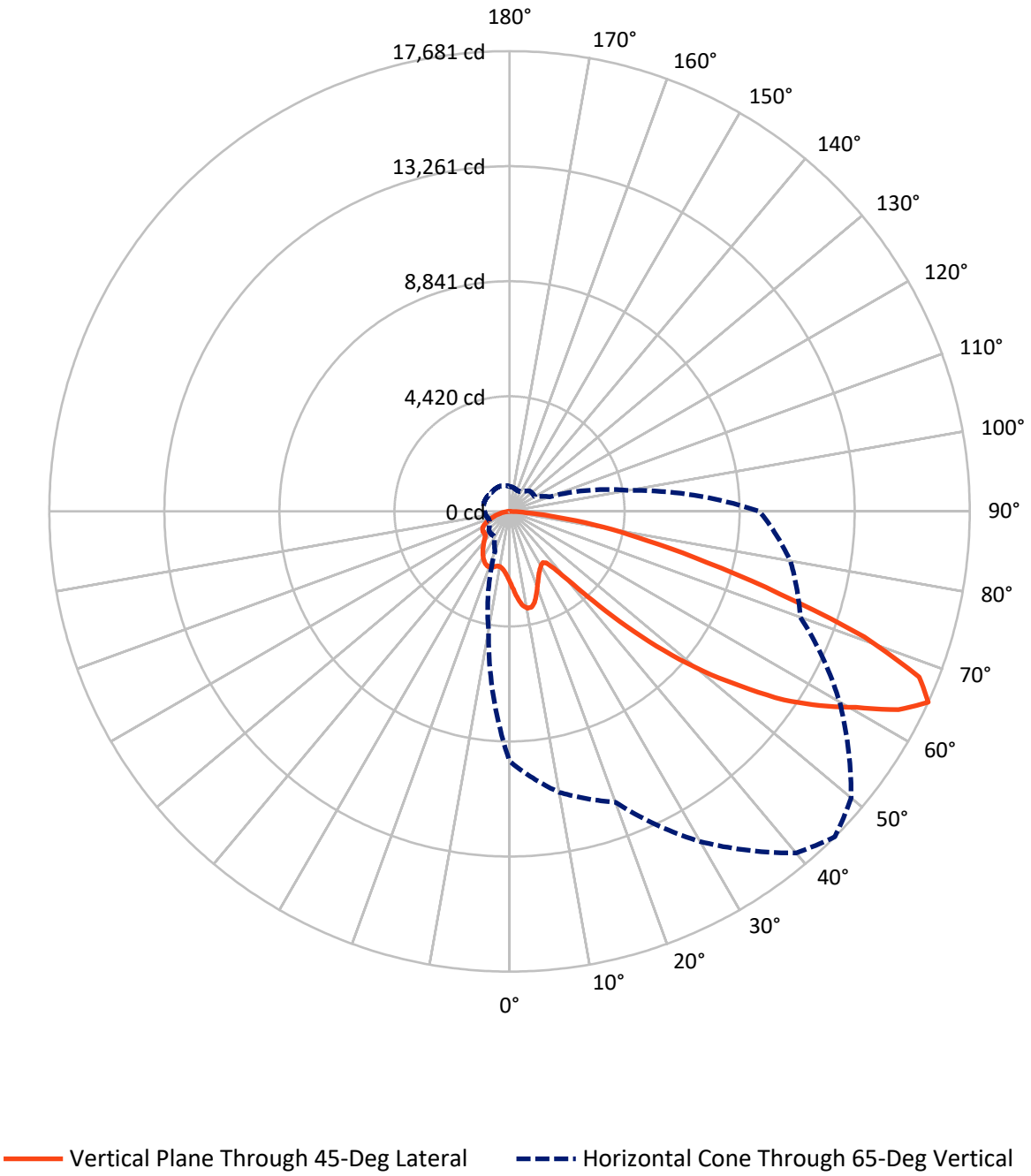
Based on 20 foot mounting height. Maximum calculated value = 9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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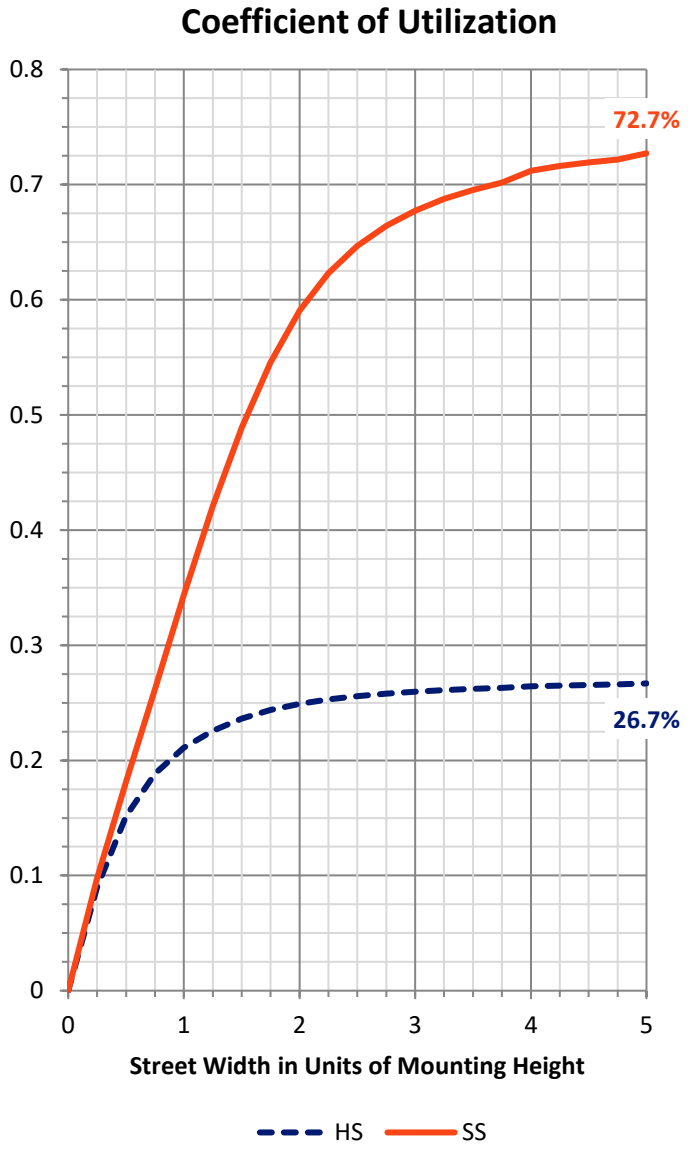
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4589.5	0.0	4589.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	12470.4	0.0	12470.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	17059.8	0.0	17059.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.6	1.6
10°-20°	823.1	4.8
20°-30°	1273.9	7.5
30°-40°	1580.5	9.3
40°-50°	2311.2	13.5
50°-60°	3620.2	21.2
60°-70°	4295.6	25.2
70°-80°	2505.4	14.7
80°-90°	381.2	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°	17059.8	100.0
0°-180°	17059.8	100.0



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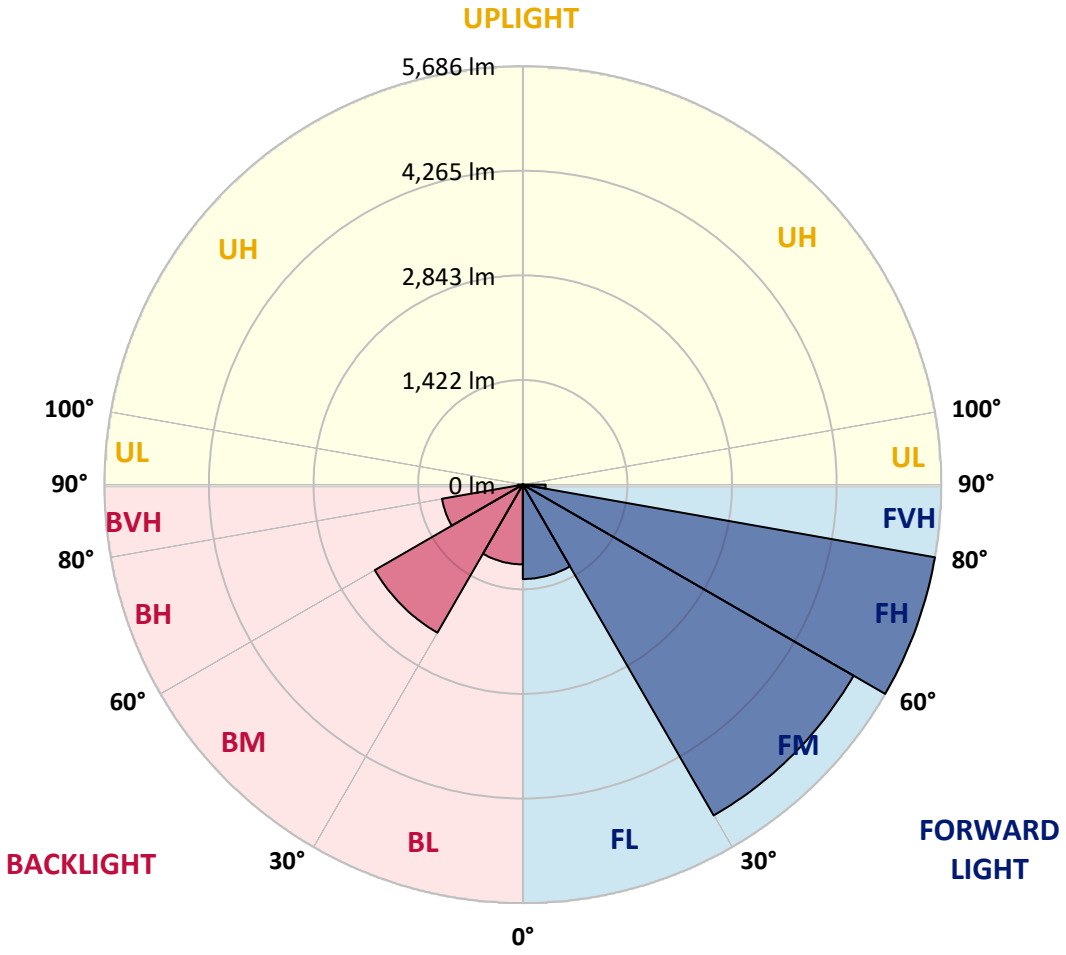
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1282.2	7.5			
FM	(30°-60°)	5190.0	30.4			
FH	(60°-80°)	5686.5	33.3			G3/7500
FVH	(80°-90°)	311.7	1.8			G3/500
BL	(0°-30°)	1083.4	6.4	B3/2500		
BM	(30°-60°)	2322.0	13.6	B2/2500		
BH	(60°-80°)	1114.6	6.5	B3/2500		G3/2500
BVH	(80°-90°)	69.4	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°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	*2720.2*	2720.2
2.5°	2939.3	2949.7	2960.1	2971.4	2983.1	2989.7	2996.4	3003.5	3010.2	*3016.4*	3010.2
5°	3139.5	3186.7	3233.4	3265.1	3296.8	3321.0	3345.2	3359.0	3373.2	*3375.2*	3373.2
7.5°	3341.9	3397.8	3453.7	3502.1	3550.5	3581.3	3612.2	3630.2	3648.5	*3654.8*	3648.5
10°	3469.1	3534.6	3600.5	3647.3	3694.4	3723.2	3751.6	3765.8	3779.9	*3784.1*	3779.9
12.5°	3533.8	3596.8	3659.8	3696.1	3732.0	3750.3	3768.3	3774.9	3780.8	*3775.8*	3780.8
15°	3565.1	3602.2	3638.9	3654.4	3669.4	3660.6	3651.4	3638.5	3625.6	*3617.2*	3625.6
17.5°	3573.4	3586.4	3599.7	3571.8	3544.2	3494.1	3444.1	3406.5	3369.0	*3341.9*	3369.0
20°	3600.5	3579.7	3558.8	3484.6	3410.7	3316.8	3223.0	3160.0	3096.5	*3058.2*	3096.5
22.5°	3629.7	3570.9	3512.1	3387.3	3262.6	3134.1	3006.0	2933.4	2861.2	*2820.4*	2861.2
25°	3675.6	3574.7	3473.3	3304.7	3136.6	2985.6	2835.0	2756.1	2677.7	*2632.6*	2677.7
27.5°	3742.4	3588.0	3433.7	3225.0	3016.4	2852.9	2688.9	2613.8	2538.7	*2499.1*	2538.7
30°	3836.3	3631.4	3426.1	3176.7	2926.7	2755.7	2584.6	2511.2	2437.4	*2394.8*	2437.4
32.5°	3951.0	3692.3	3433.7	3154.1	2874.6	2700.2	2526.2	2455.7	2385.6	*2348.9*	2385.6
35°	4145.0	3817.5	3490.0	3180.0	2870.4	2708.5	2547.1	2495.3	2444.0	*2424.0*	2444.0
37.5°	4391.2	4008.6	3625.6	3306.4	2987.2	2877.1	2766.9	2766.9	2766.9	*2782.8*	2766.9
40°	4754.1	4324.4	3894.7	3592.6	3291.0	3284.3	3278.5	3348.5	3419.1	*3450.3*	3419.1
42.5°	5263.1	4808.8	4354.9	4111.2	3867.6	4013.6	4159.6	4362.4	4565.1	*4697.8*	4565.1
45°	5895.2	5453.0	5010.7	4840.5	4670.7	4995.7	5320.3	5678.7	6037.1	*6291.6*	6037.1
47.5°	6500.2	6128.0	5755.4	5658.2	5561.4	6101.7	6642.0	7167.3	7692.6	*8002.1*	7692.6
50°	7201.1	6866.5	6531.5	6512.7	6493.9	7213.6	7933.3	8611.3	9289.2	*9666.8*	9289.2
52.5°	8100.2	7732.6	7364.6	7379.6	7393.8	8248.7	9103.6	9923.4	10743.2	*11168.8*	10743.2
55°	9174.5	8713.5	8252.5	8249.9	8247.4	9229.6	10212.5	11219.7	12227.6	*12795.9*	12227.6
57.5°	10269.7	9837.9	9406.0	9303.4	9200.4	10227.5	11254.3	12366.6	13479.3	*14076.7*	13479.3
60°	11091.6	10853.8	10616.0	10451.6	10287.6	11342.3	12397.5	13546.5	14695.0	*15290.8*	14695.0
62.5°	10751.5	11176.7	11601.8	11589.7	11577.6	12716.2	13854.8	15049.7	16245.4	*16780.3*	16245.4
65°	*9604.2*	*10282.2*	*10960.2*	*11426.6*	*11892.6*	*13269.0*	*14645.0*	*15889.9*	*17134.9*	*17681.4*	*17134.9*
67.5°	8527.8	9125.3	9723.1	10104.9	10486.6	12037.4	13588.6	15001.3	16413.9	*16976.4*	16413.9
70°	7497.3	8159.0	8820.7	9093.5	9366.4	10684.0	12001.1	13118.8	14236.1	*14456.4*	14236.1
72.5°	6435.5	7222.4	8009.6	8125.2	8240.8	9199.5	10158.3	10753.6	11349.0	*10868.4*	11349.0
75°	5269.4	6157.2	7044.6	7121.8	7199.0	7497.7	7796.9	7948.3	8100.2	*7826.9*	8100.2
77.5°	3504.6	4273.1	5042.0	5215.1	5388.3	5587.3	5786.7	5776.3	5765.9	*5382.0*	5765.9
80°	2056.9	2658.1	3259.3	3281.8	3304.3	3453.7	3602.6	3754.9	3907.2	*3663.1*	3907.2
82.5°	1028.4	1358.4	1688.9	1739.8	1790.7	1882.0	1973.4	2016.0	2058.9	*1852.4*	2058.9
85°	233.6	319.6	405.5	488.6	571.6	667.5	763.5	752.7	741.8	*625.8*	741.8
87.5°	18.8	19.2	20.0	20.4	20.9	21.3	21.7	22.9	24.2	*25.0*	24.2
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°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	3003.5	2996.4	2989.7	2983.1	2971.4	2960.1	2949.7	2939.3	2912.6	2886.3	2862.1
5°	3359.0	3345.2	3321.0	3296.8	3265.1	3233.4	3186.7	3139.5	3092.4	3045.6	2996.4
7.5°	3630.2	3612.2	3581.3	3550.5	3502.1	3453.7	3397.8	3341.9	3262.6	3183.3	3108.6
10°	3765.8	3751.6	3723.2	3694.4	3647.3	3600.5	3534.6	3469.1	3374.4	3279.3	3186.7
12.5°	3774.9	3768.3	3750.3	3732.0	3696.1	3659.8	3596.8	3533.8	3439.5	3345.2	3241.3
15°	3638.5	3651.4	3660.6	3669.4	3654.4	3638.9	3602.2	3565.1	3469.5	3374.4	3268.9
17.5°	3406.5	3444.1	3494.1	3544.2	3571.8	3599.7	3586.4	3573.4	3484.1	3395.3	3282.6
20°	3160.0	3223.0	3316.8	3410.7	3484.6	3558.8	3579.7	3600.5	3510.4	3420.3	3299.3
22.5°	2933.4	3006.0	3134.1	3262.6	3387.3	3512.1	3570.9	3629.7	3547.1	3464.9	3331.9
25°	2756.1	2835.0	2985.6	3136.6	3304.7	3473.3	3574.7	3675.6	3604.3	3533.0	3387.8
27.5°	2613.8	2688.9	2852.9	3016.4	3225.0	3433.7	3588.0	3742.4	3687.7	3633.1	3469.5
30°	2511.2	2584.6	2755.7	2926.7	3176.7	3426.1	3631.4	3836.3	3793.3	3750.7	3566.3
32.5°	2455.7	2526.2	2700.2	2874.6	3154.1	3433.7	3692.3	3951.0	3924.3	3897.6	3680.2
35°	2495.3	2547.1	2708.5	2870.4	3180.0	3490.0	3817.5	4145.0	4111.6	4078.2	3801.2
37.5°	2766.9	2766.9	2877.1	2987.2	3306.4	3625.6	4008.6	4391.2	4351.5	4311.9	3948.9
40°	3348.5	3278.5	3284.3	3291.0	3592.6	3894.7	4324.4	4754.1	4676.1	4597.7	4117.9
42.5°	4362.4	4159.6	4013.6	3867.6	4111.2	4354.9	4808.8	5263.1	5097.9	4932.3	4304.8
45°	5678.7	5320.3	4995.7	4670.7	4840.5	5010.7	5453.0	5895.2	5630.3	5365.3	4558.5
47.5°	7167.3	6642.0	6101.7	5561.4	5658.2	5755.4	6128.0	6500.2	6164.7	5829.3	4819.2
50°	8611.3	7933.3	7213.6	6493.9	6512.7	6531.5	6866.5	7201.1	6746.3	6291.6	5046.6
52.5°	9923.4	9103.6	8248.7	7393.8	7379.6	7364.6	7732.6	8100.2	7378.0	6655.4	5154.2
55°	11219.7	10212.5	9229.6	8247.4	8249.9	8252.5	8713.5	9174.5	8012.6	6850.6	5125.9
57.5°	12366.6	11254.3	10227.5	9200.4	9303.4	9406.0	9837.9	10269.7	8545.3	6821.4	4971.1
60°	13546.5	12397.5	11342.3	10287.6	10451.6	10616.0	10853.8	11091.6	8784.0	6476.0	4600.2
62.5°	15049.7	13854.8	12716.2	11577.6	11589.7	11601.8	11176.7	10751.5	8254.5	5757.5	3992.3
65°	*15889.9*	*14645.0*	*13269.0*	*11892.6*	*11426.6*	*10960.2*	*10282.2*	*9604.2*	*7119.7*	*4635.2*	*3131.6*
67.5°	15001.3	13588.6	12037.4	10486.6	10104.9	9723.1	9125.3	8527.8	6114.7	3701.5	2436.9
70°	13118.8	12001.1	10684.0	9366.4	9093.5	8820.7	8159.0	7497.3	5194.7	2892.1	1867.4
72.5°	10753.6	10158.3	9199.5	8240.8	8125.2	8009.6	7222.4	6435.5	4313.6	2191.2	1403.9
75°	7948.3	7796.9	7497.7	7199.0	7121.8	7044.6	6157.2	5269.4	3444.1	1618.8	1040.5
77.5°	5776.3	5786.7	5587.3	5388.3	5215.1	5042.0	4273.1	3504.6	2259.6	1014.7	672.5
80°	3754.9	3602.6	3453.7	3304.3	3281.8	3259.3	2658.1	2056.9	1295.4	534.0	371.7
82.5°	2016.0	1973.4	1882.0	1790.7	1739.8	1688.9	1358.4	1028.4	649.2	270.4	199.8
85°	752.7	763.5	667.5	571.6	488.6	405.5	319.6	233.6	154.4	75.1	63.4
87.5°	22.9	21.7	21.3	20.9	20.4	20.0	19.2	18.8	18.4	17.5	17.1
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°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2837.9	2813.7	2789.1	2765.7	2741.9	2718.1	2697.3	2674.7	2652.6	2635.1	2618.0
5°	2947.6	2899.6	2851.6	2806.2	2761.1	2714.0	2673.5	2633.4	2594.2	2561.7	2529.1
7.5°	3034.0	2967.2	2900.5	2840.8	2780.7	2718.1	2669.3	2620.5	2572.1	2530.0	2487.4
10°	3093.6	3011.4	2928.8	2860.0	2791.1	2724.4	2672.2	2620.9	2570.0	2526.6	2483.2
12.5°	3137.4	3045.2	2953.0	2877.1	2801.6	2728.6	2677.7	2635.1	2593.0	2562.5	2532.5
15°	3163.3	3064.0	2964.3	2878.8	2793.2	2711.9	2666.8	2639.3	2611.7	2609.2	2606.7
17.5°	3170.0	3056.5	2943.4	2843.7	2744.4	2649.3	2610.9	2607.2	2603.4	2644.7	2686.0
20°	3178.3	3045.2	2912.1	2781.1	2650.1	2524.1	2499.9	2523.7	2547.1	2628.0	2708.5
22.5°	3199.2	3036.5	2873.8	2709.4	2545.0	2394.8	2371.8	2406.9	2441.5	2547.1	2652.6
25°	3242.6	3035.6	2828.7	2623.8	2419.0	2246.7	2244.6	2282.6	2320.5	2418.2	2515.8
27.5°	3306.4	3043.6	2780.7	2536.2	2291.3	2115.3	2125.7	2162.0	2198.7	2271.3	2343.9
30°	3381.5	3060.7	2740.2	2459.9	2179.9	2008.9	2020.1	2048.5	2076.9	2129.4	2182.0
32.5°	3462.9	3079.9	2697.3	2393.1	2089.4	1931.7	1931.7	1943.8	1955.9	1990.1	2024.3
35°	3524.6	3075.3	2626.3	2317.2	2007.6	1885.8	1859.9	1849.9	1839.9	1862.4	1885.0
37.5°	3585.9	3062.3	2538.7	2232.9	1927.5	1831.6	1782.3	1755.6	1728.1	1738.9	1749.0
40°	3638.1	3033.1	2428.2	2132.4	1836.6	1760.6	1698.9	1658.8	1618.8	1617.9	1616.7
42.5°	3676.5	2982.6	2288.4	2012.6	1736.4	1683.4	1607.1	1556.2	1505.3	1499.9	1494.5
45°	3751.6	2948.0	2144.5	1890.8	1637.6	1589.6	1513.6	1461.1	1409.3	1401.0	1392.7
47.5°	3809.1	2907.5	2006.0	1769.8	1534.5	1479.0	1408.1	1363.4	1318.4	1313.4	1308.0
50°	3801.6	2838.7	1875.4	1662.2	1448.6	1372.6	1302.5	1265.8	1228.7	1234.9	1241.2
52.5°	3652.7	2697.7	1743.1	1565.4	1388.5	1291.3	1216.2	1188.6	1160.7	1180.3	1199.5
55°	3401.1	2510.8	1619.6	1484.4	1348.4	1251.6	1163.2	1132.3	1101.4	1129.0	1156.5
57.5°	3120.7	2315.1	1509.5	1416.0	1322.6	1241.2	1132.7	1089.3	1046.4	1073.9	1101.4
60°	2724.4	2067.7	1411.0	1345.5	1280.0	1216.2	1107.7	1053.5	999.2	1017.6	1035.5
62.5°	2227.1	1754.0	1280.8	1244.1	1207.8	1180.7	1077.2	1006.3	935.4	937.9	939.6
65°	*1628.0*	*1378.5*	*1128.6*	*1120.6*	*1113.1*	*1105.6*	*1020.1*	*943.7*	*867.8*	*859.5*	*851.1*
67.5°	1172.4	1053.9	935.4	957.5	979.6	990.9	932.5	865.3	797.7	780.6	763.5
70°	842.8	801.0	759.3	792.3	825.2	821.9	793.5	753.5	713.4	702.6	691.7
72.5°	616.6	615.8	615.4	640.4	665.5	632.1	650.0	640.8	632.1	624.1	616.6
75°	462.3	459.4	456.8	486.5	516.5	529.9	541.5	536.5	531.9	526.1	520.7
77.5°	330.4	332.9	334.6	367.1	399.7	438.1	440.2	429.3	418.0	412.2	405.5
80°	209.4	211.9	213.6	247.8	281.6	335.9	333.8	320.4	306.7	302.1	297.1
82.5°	129.3	129.8	130.2	146.9	163.5	194.0	202.3	202.3	202.3	199.4	196.1
85°	52.2	54.7	57.6	68.4	79.3	96.0	101.0	101.8	102.2	97.6	92.6
87.5°	16.7	17.5	18.8	20.9	22.9	25.0	29.2	31.7	34.2	36.7	38.4
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: P1364927
CATALOG NUMBER: GSS-SB5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2603.0	2587.5	2569.6	2551.3	2538.3	2525.0	2516.2	2507.4	2503.3	2499.1	2495.8
5°	2502.4	2474.9	2450.7	2426.1	2406.9	2387.3	2371.4	2355.2	2348.5	2341.4	2336.8
7.5°	2451.5	2415.7	2385.6	2355.2	2326.4	2298.0	2279.6	2261.3	2250.4	2239.6	2231.7
10°	2445.3	2407.3	2367.7	2328.0	2296.3	2264.6	2237.1	2210.4	2195.0	2179.9	2171.6
12.5°	2497.4	2462.4	2415.2	2367.7	2324.7	2282.1	2248.4	2214.6	2195.4	2177.0	2164.5
15°	2594.6	2582.5	2538.7	2494.9	2435.7	2376.0	2327.6	2278.8	2252.1	2224.6	2209.1
17.5°	2709.8	2733.6	2703.1	2672.2	2588.8	2505.4	2433.2	2361.4	2322.2	2283.0	2269.2
20°	2772.8	2837.0	2833.7	2830.8	2721.9	2612.6	2517.9	2423.2	2370.6	2318.9	2298.0
22.5°	2745.3	2837.9	2861.7	2885.0	2778.2	2671.0	2554.2	2437.4	2375.6	2313.4	2293.8
25°	2615.5	2715.2	2759.4	2803.7	2715.6	2627.6	2514.1	2401.1	2336.0	2270.5	2250.4
27.5°	2424.0	2504.1	2553.8	2603.4	2549.6	2495.8	2404.0	2312.2	2254.6	2196.6	2175.3
30°	2236.3	2290.5	2330.1	2369.8	2334.3	2298.8	2232.9	2167.4	2124.4	2081.9	2068.5
32.5°	2064.8	2104.8	2126.9	2148.6	2121.1	2093.6	2050.2	2006.8	1980.1	1953.4	1944.6
35°	1917.5	1950.5	1967.2	1983.8	1960.9	1937.9	1899.1	1860.8	1841.6	1822.4	1815.3
37.5°	1776.9	1804.4	1828.2	1852.4	1835.7	1819.0	1786.1	1753.1	1730.6	1707.2	1694.7
40°	1643.4	1669.7	1699.7	1729.3	1726.4	1723.1	1691.8	1660.5	1628.0	1595.8	1578.7
42.5°	1520.7	1547.0	1578.7	1610.4	1616.7	1623.0	1597.1	1570.8	1533.3	1495.7	1469.4
45°	1415.2	1438.5	1473.2	1508.2	1522.8	1537.4	1514.1	1490.3	1448.1	1406.0	1374.7
47.5°	1331.7	1355.9	1394.3	1433.1	1448.6	1464.4	1448.6	1433.1	1396.8	1360.1	1332.6
50°	1267.5	1293.4	1323.4	1353.9	1382.6	1411.0	1408.1	1405.2	1376.4	1347.6	1321.7
52.5°	1223.3	1247.5	1278.8	1310.0	1340.1	1370.5	1375.1	1380.1	1359.3	1338.4	1315.9
55°	1185.3	1214.1	1243.3	1272.5	1300.9	1328.8	1335.1	1341.3	1326.3	1310.9	1294.2
57.5°	1132.7	1164.0	1193.2	1222.4	1255.4	1288.4	1293.4	1298.4	1282.5	1266.2	1253.7
60°	1067.6	1099.4	1129.8	1159.8	1193.2	1226.6	1233.3	1240.0	1227.4	1214.9	1203.2
62.5°	975.9	1011.7	1036.8	1061.8	1093.5	1125.6	1135.2	1145.2	1139.4	1134.0	1120.6
65°	*885.3*	*920.0*	*939.6*	*959.6*	*987.1*	*1014.7*	*1024.3*	*1033.9*	*1030.9*	*1028.4*	*1018.8*
67.5°	795.2	826.9	843.2	859.5	878.2	897.0	907.9	918.7	913.3	907.4	897.4
70°	717.6	743.5	757.7	771.8	786.9	801.9	807.7	813.6	805.2	796.9	774.3
72.5°	636.2	655.9	668.0	680.1	694.2	708.4	711.8	715.5	702.6	689.2	662.9
75°	535.7	550.7	559.9	569.5	584.1	598.7	605.0	611.2	592.9	574.9	547.0
77.5°	419.3	433.1	441.8	450.6	462.7	474.8	476.5	479.0	463.1	447.3	430.6
80°	307.1	317.1	320.4	323.3	333.4	342.9	342.9	342.9	331.3	319.2	310.8
82.5°	194.0	191.9	187.7	183.6	193.6	203.6	206.9	210.7	205.3	200.3	191.1
85°	86.8	80.1	78.9	77.2	76.8	75.9	78.9	81.4	80.1	79.3	75.9
87.5°	40.9	42.6	41.3	39.6	38.0	36.7	33.4	30.0	27.5	25.0	23.4
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: P1364927
CATALOG NUMBER: GSS-SB5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2492.8	2490.8	2492.8	2495.8	2499.1	2503.3	2507.4	2516.2	2525.0	2538.3	2551.3
5°	2332.2	2328.0	2332.2	2336.8	2341.4	2348.5	2355.2	2371.4	2387.3	2406.9	2426.1
7.5°	2223.7	2219.6	2223.7	2231.7	2239.6	2250.4	2261.3	2279.6	2298.0	2326.4	2355.2
10°	2163.2	2157.0	2163.2	2171.6	2179.9	2195.0	2210.4	2237.1	2264.6	2296.3	2328.0
12.5°	2152.0	2144.5	2152.0	2164.5	2177.0	2195.4	2214.6	2248.4	2282.1	2324.7	2367.7
15°	2193.7	2182.0	2193.7	2209.1	2224.6	2252.1	2278.8	2327.6	2376.0	2435.7	2494.9
17.5°	2255.0	2248.8	2255.0	2269.2	2283.0	2322.2	2361.4	2433.2	2505.4	2588.8	2672.2
20°	2277.1	2269.6	2277.1	2298.0	2318.9	2370.6	2423.2	2517.9	2612.6	2721.9	2830.8
22.5°	2273.8	2265.5	2273.8	2293.8	2313.4	2375.6	2437.4	2554.2	2671.0	2778.2	2885.0
25°	2230.0	2223.7	2230.0	2250.4	2270.5	2336.0	2401.1	2514.1	2627.6	2715.6	2803.7
27.5°	2153.6	2140.3	2153.6	2175.3	2196.6	2254.6	2312.2	2404.0	2495.8	2549.6	2603.4
30°	2054.8	2048.5	2054.8	2068.5	2081.9	2124.4	2167.4	2232.9	2298.8	2334.3	2369.8
32.5°	1935.9	1931.7	1935.9	1944.6	1953.4	1980.1	2006.8	2050.2	2093.6	2121.1	2148.6
35°	1808.6	1802.4	1808.6	1815.3	1822.4	1841.6	1860.8	1899.1	1937.9	1960.9	1983.8
37.5°	1682.2	1673.0	1682.2	1694.7	1707.2	1730.6	1753.1	1786.1	1819.0	1835.7	1852.4
40°	1561.2	1552.0	1561.2	1578.7	1595.8	1628.0	1660.5	1691.8	1723.1	1726.4	1729.3
42.5°	1443.6	1426.9	1443.6	1469.4	1495.7	1533.3	1570.8	1597.1	1623.0	1616.7	1610.4
45°	1343.4	1322.6	1343.4	1374.7	1406.0	1448.1	1490.3	1514.1	1537.4	1522.8	1508.2
47.5°	1305.0	1285.0	1305.0	1332.6	1360.1	1396.8	1433.1	1448.6	1464.4	1448.6	1433.1
50°	1295.4	1276.7	1295.4	1321.7	1347.6	1376.4	1405.2	1408.1	1411.0	1382.6	1353.9
52.5°	1293.4	1276.7	1293.4	1315.9	1338.4	1359.3	1380.1	1375.1	1370.5	1340.1	1310.0
55°	1277.5	1264.2	1277.5	1294.2	1310.9	1326.3	1341.3	1335.1	1328.8	1300.9	1272.5
57.5°	1241.2	1234.9	1241.2	1253.7	1266.2	1282.5	1298.4	1293.4	1288.4	1255.4	1222.4
60°	1191.1	1180.7	1191.1	1203.2	1214.9	1227.4	1240.0	1233.3	1226.6	1193.2	1159.8
62.5°	1107.7	1093.1	1107.7	1120.6	1134.0	1139.4	1145.2	1135.2	1125.6	1093.5	1061.8
65°	*1009.7*	*993.0*	*1009.7*	*1018.8*	*1028.4*	*1030.9*	*1033.9*	*1024.3*	*1014.7*	*987.1*	*959.6*
67.5°	887.8	884.5	887.8	897.4	907.4	913.3	918.7	907.9	897.0	878.2	859.5
70°	751.8	725.9	751.8	774.3	796.9	805.2	813.6	807.7	801.9	786.9	771.8
72.5°	636.2	609.1	636.2	662.9	689.2	702.6	715.5	711.8	708.4	694.2	680.1
75°	519.4	500.7	519.4	547.0	574.9	592.9	611.2	605.0	598.7	584.1	569.5
77.5°	413.9	404.7	413.9	430.6	447.3	463.1	479.0	476.5	474.8	462.7	450.6
80°	302.5	296.2	302.5	310.8	319.2	331.3	342.9	342.9	342.9	333.4	323.3
82.5°	181.5	175.2	181.5	191.1	200.3	205.3	210.7	206.9	203.6	193.6	183.6
85°	73.0	70.9	73.0	75.9	79.3	80.1	81.4	78.9	75.9	76.8	77.2
87.5°	21.7	20.9	21.7	23.4	25.0	27.5	30.0	33.4	36.7	38.0	39.6
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: P1364927
CATALOG NUMBER: GSS-SB5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2569.6	2587.5	2603.0	2618.0	2635.1	2652.6	2674.7	2697.3	2718.1	2741.9	2765.7
5°	2450.7	2474.9	2502.4	2529.1	2561.7	2594.2	2633.4	2673.5	2714.0	2761.1	2806.2
7.5°	2385.6	2415.7	2451.5	2487.4	2530.0	2572.1	2620.5	2669.3	2718.1	2780.7	2840.8
10°	2367.7	2407.3	2445.3	2483.2	2526.6	2570.0	2620.9	2672.2	2724.4	2791.1	2860.0
12.5°	2415.2	2462.4	2497.4	2532.5	2562.5	2593.0	2635.1	2677.7	2728.6	2801.6	2877.1
15°	2538.7	2582.5	2594.6	2606.7	2609.2	2611.7	2639.3	2666.8	2711.9	2793.2	2878.8
17.5°	2703.1	2733.6	2709.8	2686.0	2644.7	2603.4	2607.2	2610.9	2649.3	2744.4	2843.7
20°	2833.7	2837.0	2772.8	2708.5	2628.0	2547.1	2523.7	2499.9	2524.1	2650.1	2781.1
22.5°	2861.7	2837.9	2745.3	2652.6	2547.1	2441.5	2406.9	2371.8	2394.8	2545.0	2709.4
25°	2759.4	2715.2	2615.5	2515.8	2418.2	2320.5	2282.6	2244.6	2246.7	2419.0	2623.8
27.5°	2553.8	2504.1	2424.0	2343.9	2271.3	2198.7	2162.0	2125.7	2115.3	2291.3	2536.2
30°	2330.1	2290.5	2236.3	2182.0	2129.4	2076.9	2048.5	2020.1	2008.9	2179.9	2459.9
32.5°	2126.9	2104.8	2064.8	2024.3	1990.1	1955.9	1943.8	1931.7	1931.7	2089.4	2393.1
35°	1967.2	1950.5	1917.5	1885.0	1862.4	1839.9	1849.9	1859.9	1885.8	2007.6	2317.2
37.5°	1828.2	1804.4	1776.9	1749.0	1738.9	1728.1	1755.6	1782.3	1831.6	1927.5	2232.9
40°	1699.7	1669.7	1643.4	1616.7	1617.9	1618.8	1658.8	1698.9	1760.6	1836.6	2132.4
42.5°	1578.7	1547.0	1520.7	1494.5	1499.9	1505.3	1556.2	1607.1	1683.4	1736.4	2012.6
45°	1473.2	1438.5	1415.2	1392.7	1401.0	1409.3	1461.1	1513.6	1589.6	1637.6	1890.8
47.5°	1394.3	1355.9	1331.7	1308.0	1313.4	1318.4	1363.4	1408.1	1479.0	1534.5	1769.8
50°	1323.4	1293.4	1267.5	1241.2	1234.9	1228.7	1265.8	1302.5	1372.6	1448.6	1662.2
52.5°	1278.8	1247.5	1223.3	1199.5	1180.3	1160.7	1188.6	1216.2	1291.3	1388.5	1565.4
55°	1243.3	1214.1	1185.3	1156.5	1129.0	1101.4	1132.3	1163.2	1251.6	1348.4	1484.4
57.5°	1193.2	1164.0	1132.7	1101.4	1073.9	1046.4	1089.3	1132.7	1241.2	1322.6	1416.0
60°	1129.8	1099.4	1067.6	1035.5	1017.6	999.2	1053.5	1107.7	1216.2	1280.0	1345.5
62.5°	1036.8	1011.7	975.9	939.6	937.9	935.4	1006.3	1077.2	1180.7	1207.8	1244.1
65°	*939.6*	*920.0*	*885.3*	*851.1*	*859.5*	*867.8*	*943.7*	*1020.1*	*1105.6*	*1113.1*	*1120.6*
67.5°	843.2	826.9	795.2	763.5	780.6	797.7	865.3	932.5	990.9	979.6	957.5
70°	757.7	743.5	717.6	691.7	702.6	713.4	753.5	793.5	821.9	825.2	792.3
72.5°	668.0	655.9	636.2	616.6	624.1	632.1	640.8	650.0	632.1	665.5	640.4
75°	559.9	550.7	535.7	520.7	526.1	531.9	536.5	541.5	529.9	516.5	486.5
77.5°	441.8	433.1	419.3	405.5	412.2	418.0	429.3	440.2	438.1	399.7	367.1
80°	320.4	317.1	307.1	297.1	302.1	306.7	320.4	333.8	335.9	281.6	247.8
82.5°	187.7	191.9	194.0	196.1	199.4	202.3	202.3	202.3	194.0	163.5	146.9
85°	78.9	80.1	86.8	92.6	97.6	102.2	101.8	101.0	96.0	79.3	68.4
87.5°	41.3	42.6	40.9	38.4	36.7	34.2	31.7	29.2	25.0	22.9	20.9
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: P1364927
CATALOG NUMBER: GSS-SB5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2789.1	2813.7	2837.9	2862.1	2886.3	2912.6	2939.3
5°	2851.6	2899.6	2947.6	2996.4	3045.6	3092.4	3139.5
7.5°	2900.5	2967.2	3034.0	3108.6	3183.3	3262.6	3341.9
10°	2928.8	3011.4	3093.6	3186.7	3279.3	3374.4	3469.1
12.5°	2953.0	3045.2	3137.4	3241.3	3345.2	3439.5	3533.8
15°	2964.3	3064.0	3163.3	3268.9	3374.4	3469.5	3565.1
17.5°	2943.4	3056.5	3170.0	3282.6	3395.3	3484.1	3573.4
20°	2912.1	3045.2	3178.3	3299.3	3420.3	3510.4	3600.5
22.5°	2873.8	3036.5	3199.2	3331.9	3464.9	3547.1	3629.7
25°	2828.7	3035.6	3242.6	3387.8	3533.0	3604.3	3675.6
27.5°	2780.7	3043.6	3306.4	3469.5	3633.1	3687.7	3742.4
30°	2740.2	3060.7	3381.5	3566.3	3750.7	3793.3	3836.3
32.5°	2697.3	3079.9	3462.9	3680.2	3897.6	3924.3	3951.0
35°	2626.3	3075.3	3524.6	3801.2	4078.2	4111.6	4145.0
37.5°	2538.7	3062.3	3585.9	3948.9	4311.9	4351.5	4391.2
40°	2428.2	3033.1	3638.1	4117.9	4597.7	4676.1	4754.1
42.5°	2288.4	2982.6	3676.5	4304.8	4932.3	5097.9	5263.1
45°	2144.5	2948.0	3751.6	4558.5	5365.3	5630.3	5895.2
47.5°	2006.0	2907.5	3809.1	4819.2	5829.3	6164.7	6500.2
50°	1875.4	2838.7	3801.6	5046.6	6291.6	6746.3	7201.1
52.5°	1743.1	2697.7	3652.7	5154.2	6655.4	7378.0	8100.2
55°	1619.6	2510.8	3401.1	5125.9	6850.6	8012.6	9174.5
57.5°	1509.5	2315.1	3120.7	4971.1	6821.4	8545.3	10269.7
60°	1411.0	2067.7	2724.4	4600.2	6476.0	8784.0	11091.6
62.5°	1280.8	1754.0	2227.1	3992.3	5757.5	8254.5	10751.5
65°	*1128.6*	*1378.5*	*1628.0*	*3131.6*	*4635.2*	*7119.7*	*9604.2*
67.5°	935.4	1053.9	1172.4	2436.9	3701.5	6114.7	8527.8
70°	759.3	801.0	842.8	1867.4	2892.1	5194.7	7497.3
72.5°	615.4	615.8	616.6	1403.9	2191.2	4313.6	6435.5
75°	456.8	459.4	462.3	1040.5	1618.8	3444.1	5269.4
77.5°	334.6	332.9	330.4	672.5	1014.7	2259.6	3504.6
80°	213.6	211.9	209.4	371.7	534.0	1295.4	2056.9
82.5°	130.2	129.8	129.3	199.8	270.4	649.2	1028.4
85°	57.6	54.7	52.2	63.4	75.1	154.4	233.6
87.5°	18.8	17.5	16.7	17.1	17.5	18.4	18.8
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

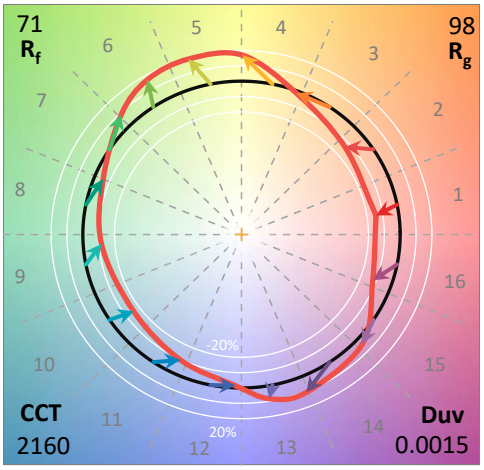
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

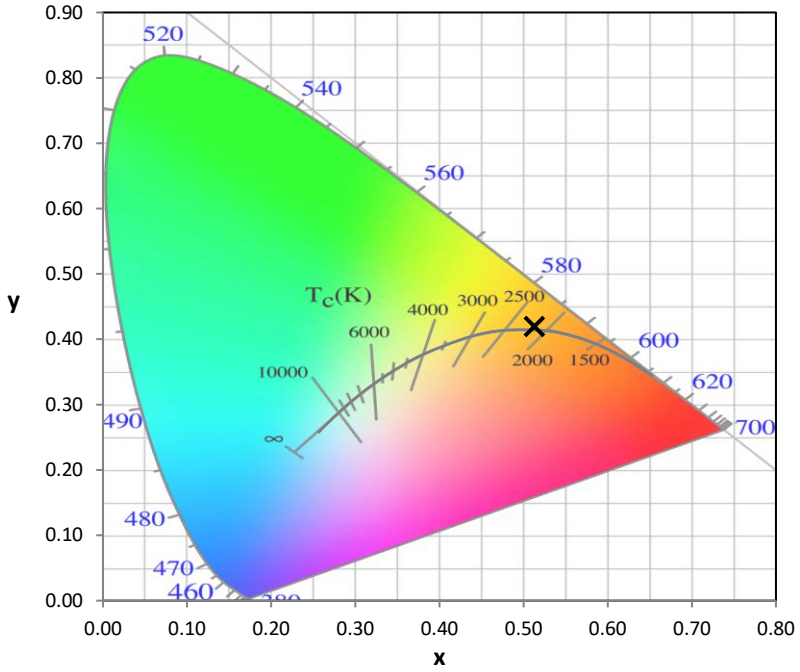
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

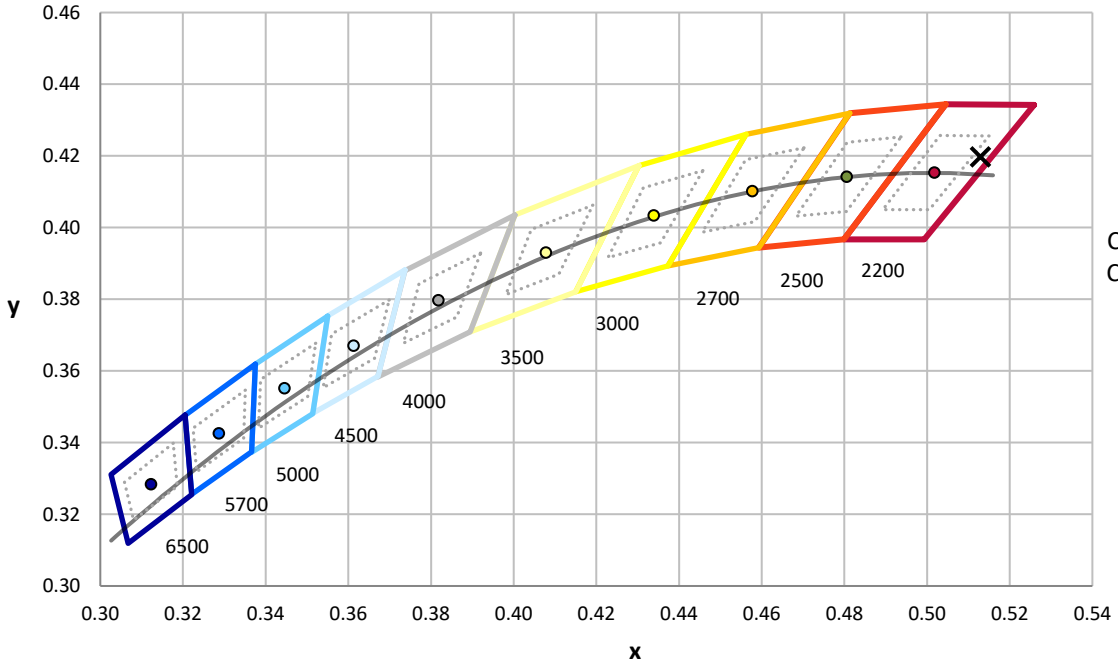
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

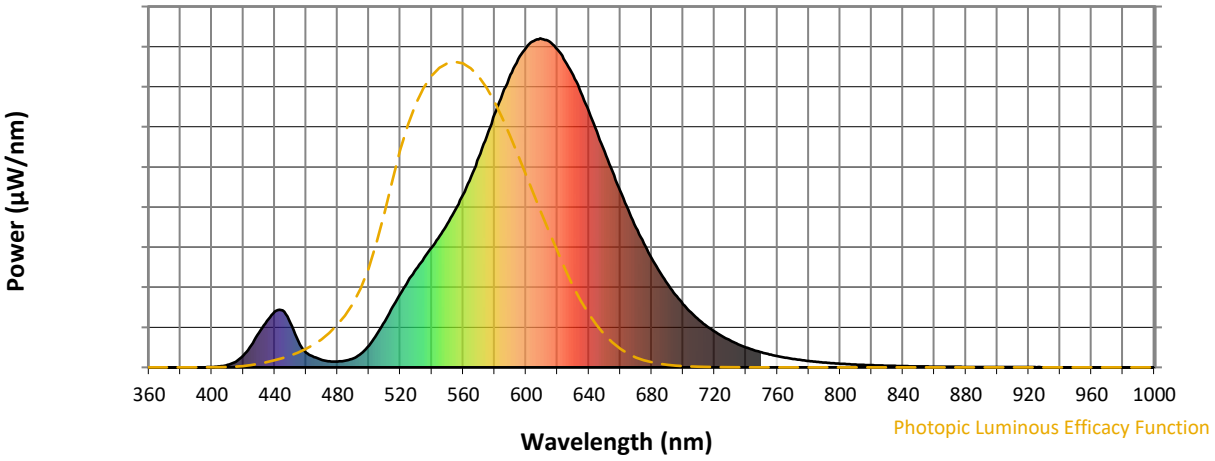


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

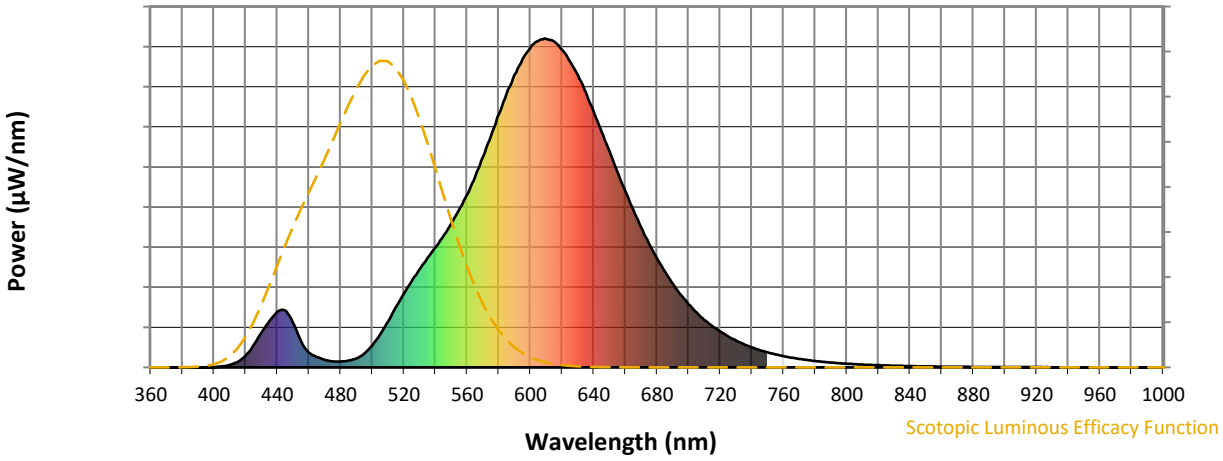


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

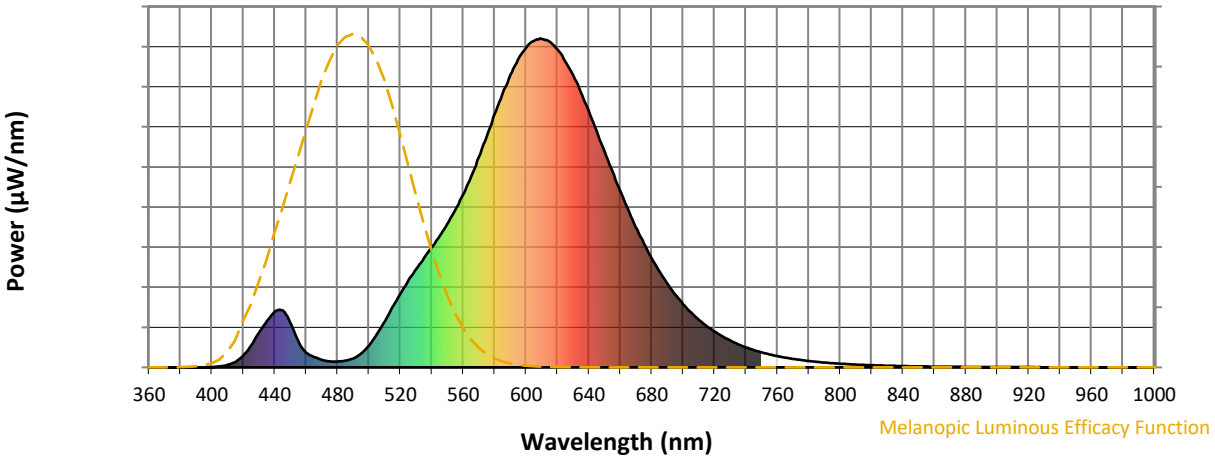


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

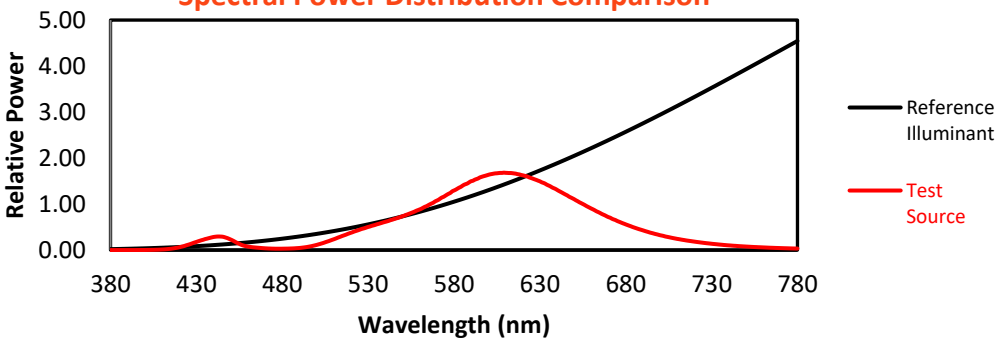
REPORT NUMBER: SP1-2407-184-2

TM-30-18

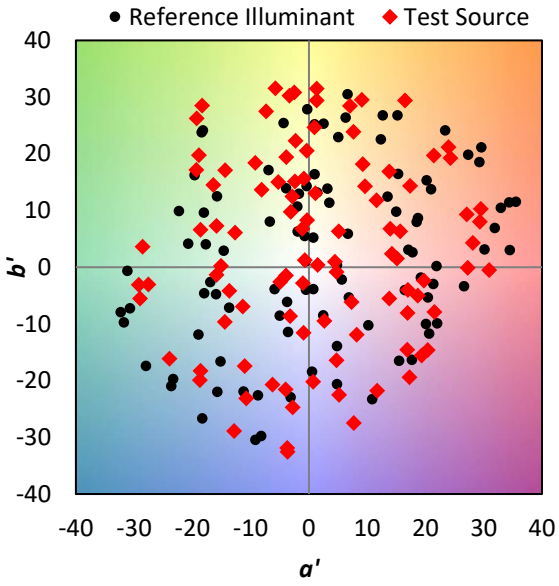
Summary

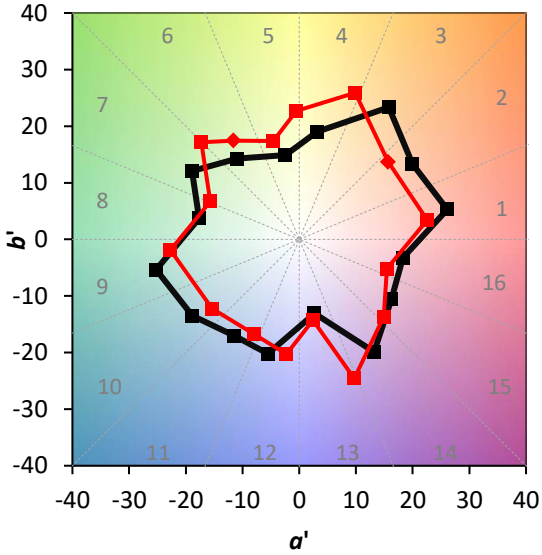
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

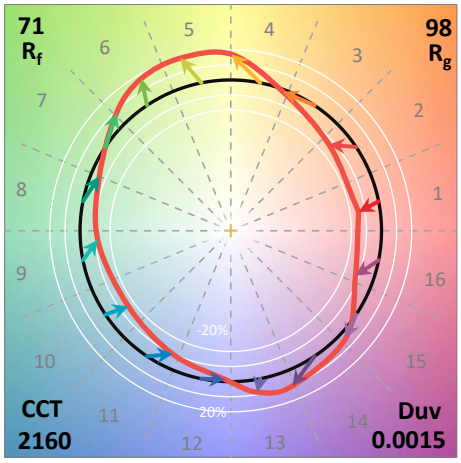
Spectral Power Distribution Comparison

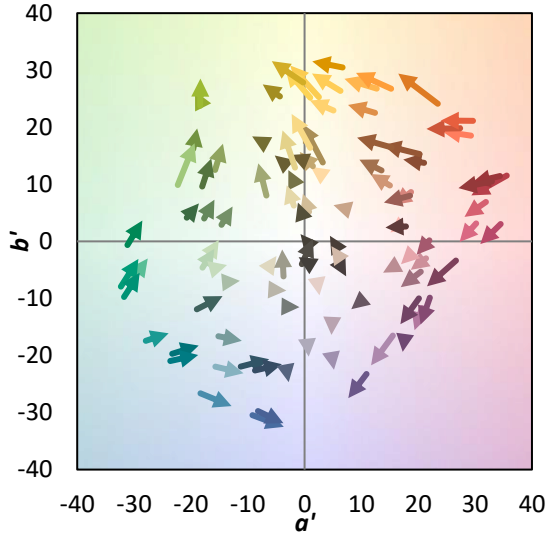


Color Vector Graphics







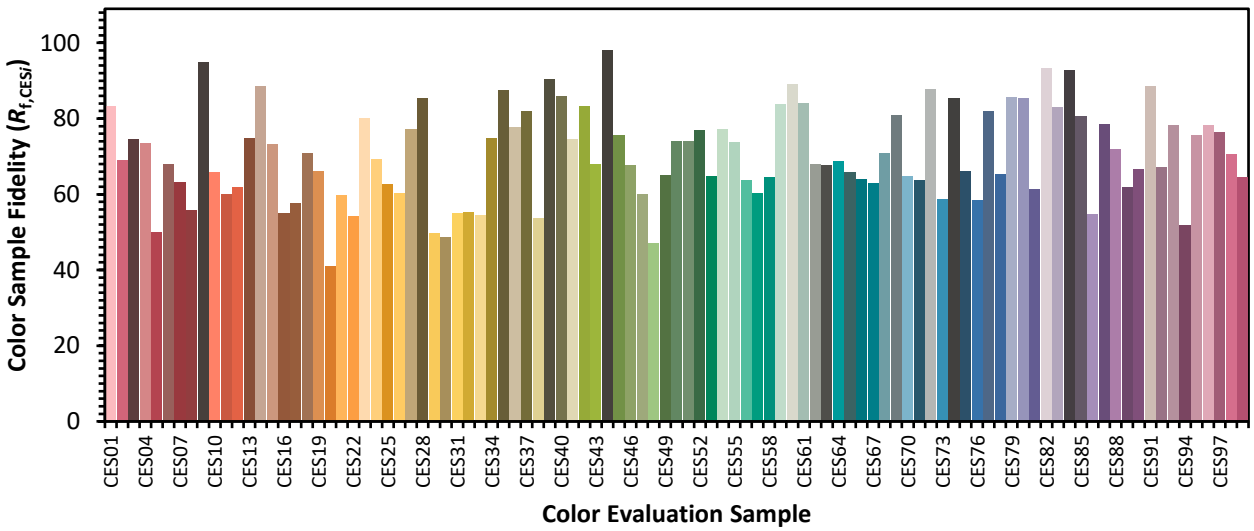


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

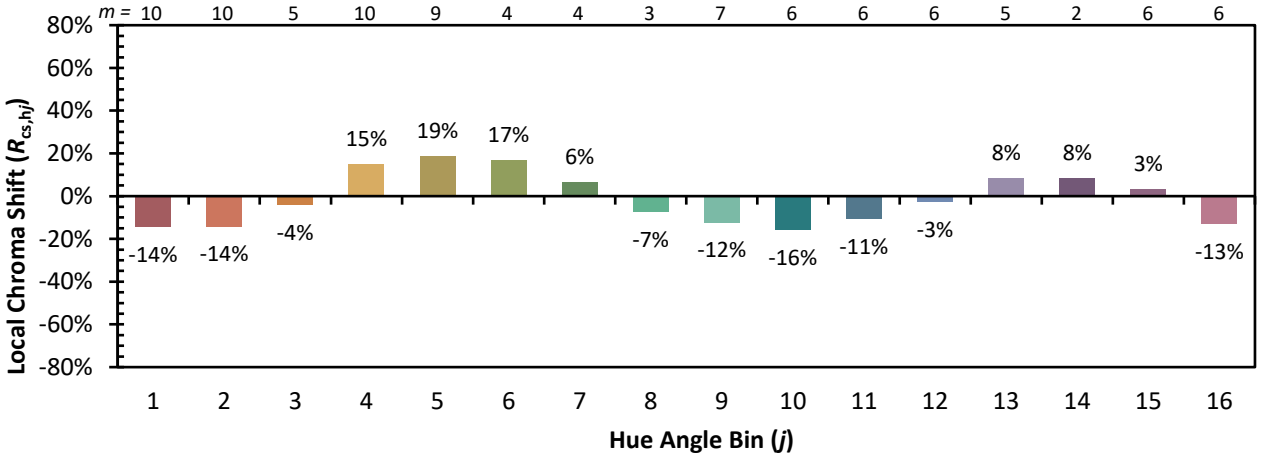
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

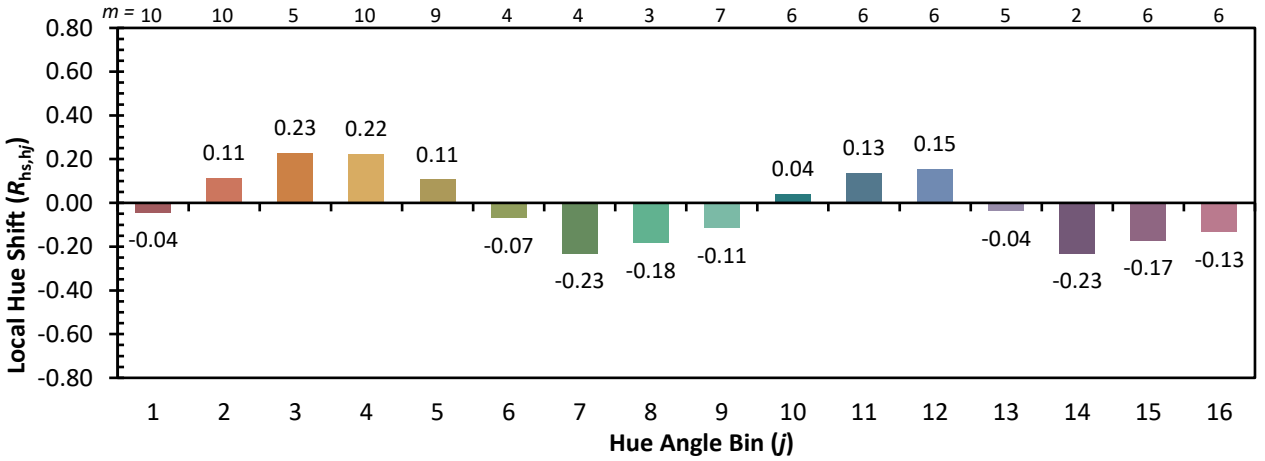


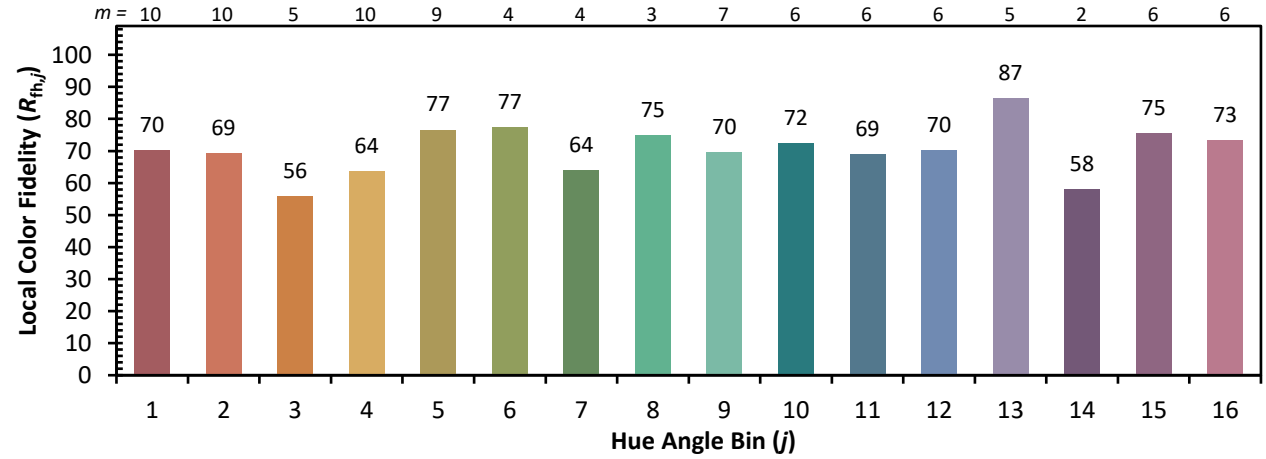
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



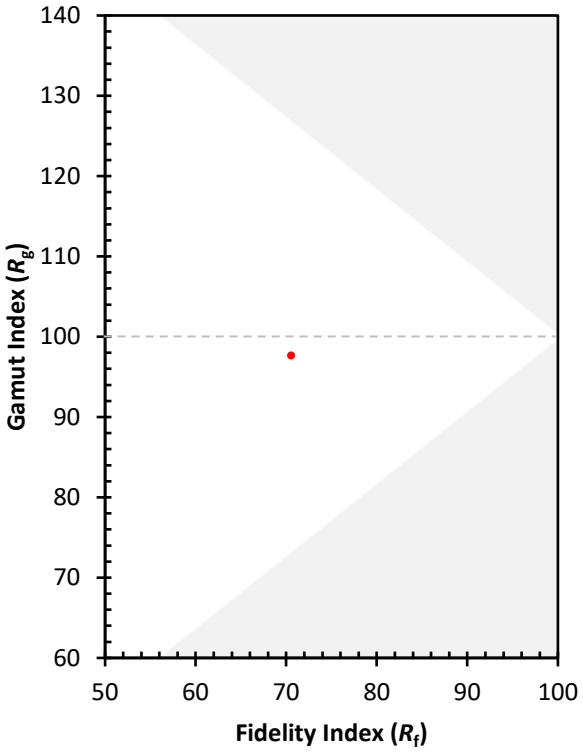


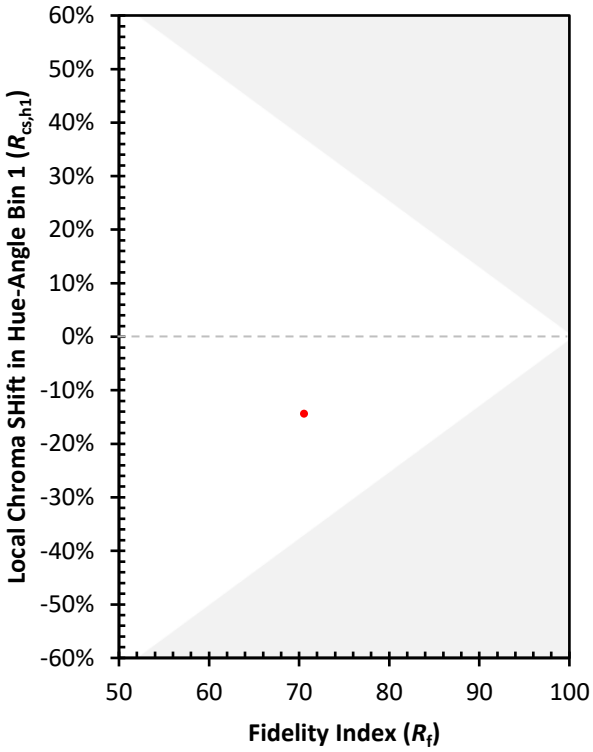


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)