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: P1364900

Luminaire Tested: **GSS-SB4B-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:	P1364900
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-740-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 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:	22028.3 lumens
Efficiency:	N/A
Efficacy:	148.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

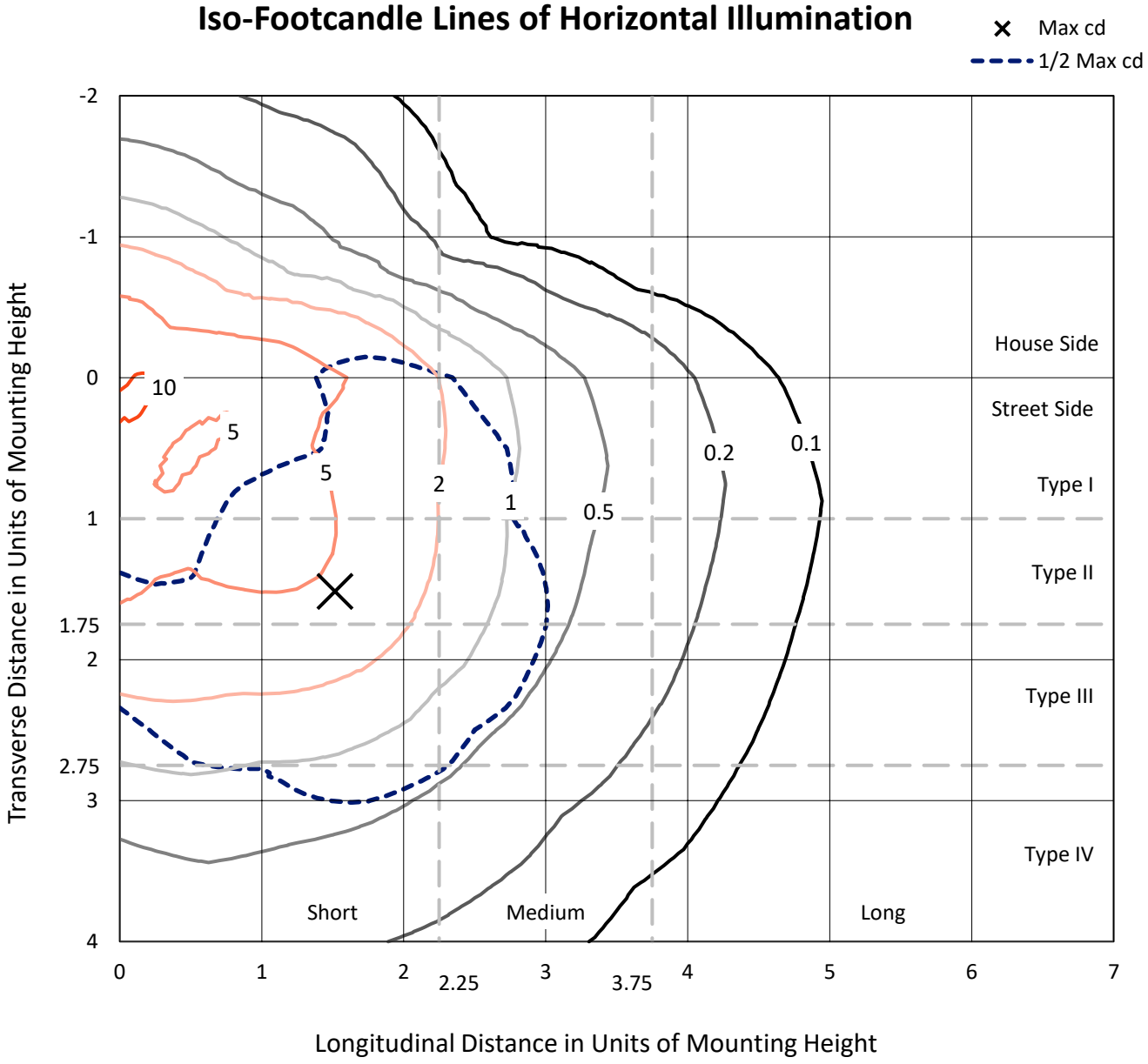
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



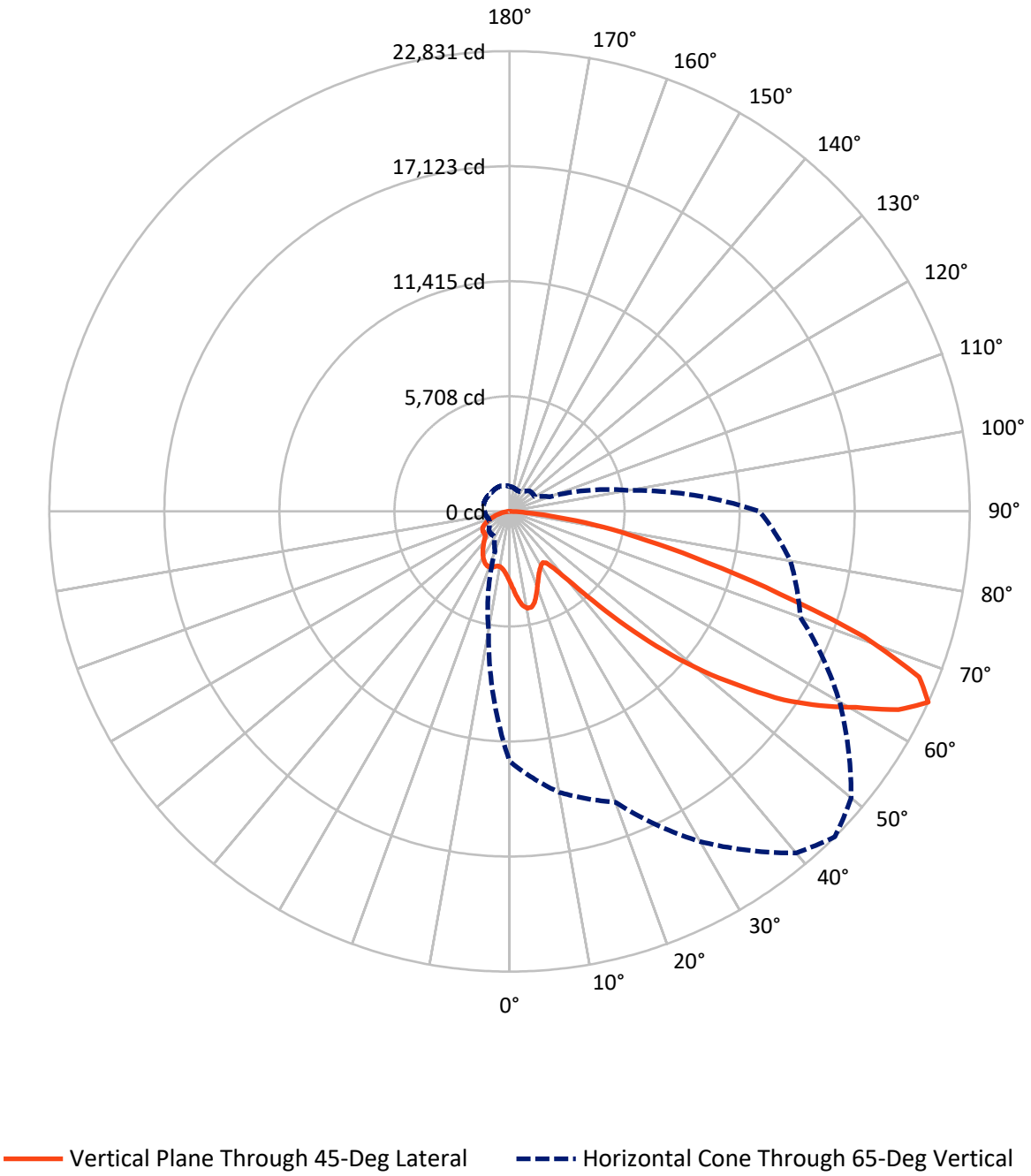
Based on 20 foot mounting height. Maximum calculated value = 11.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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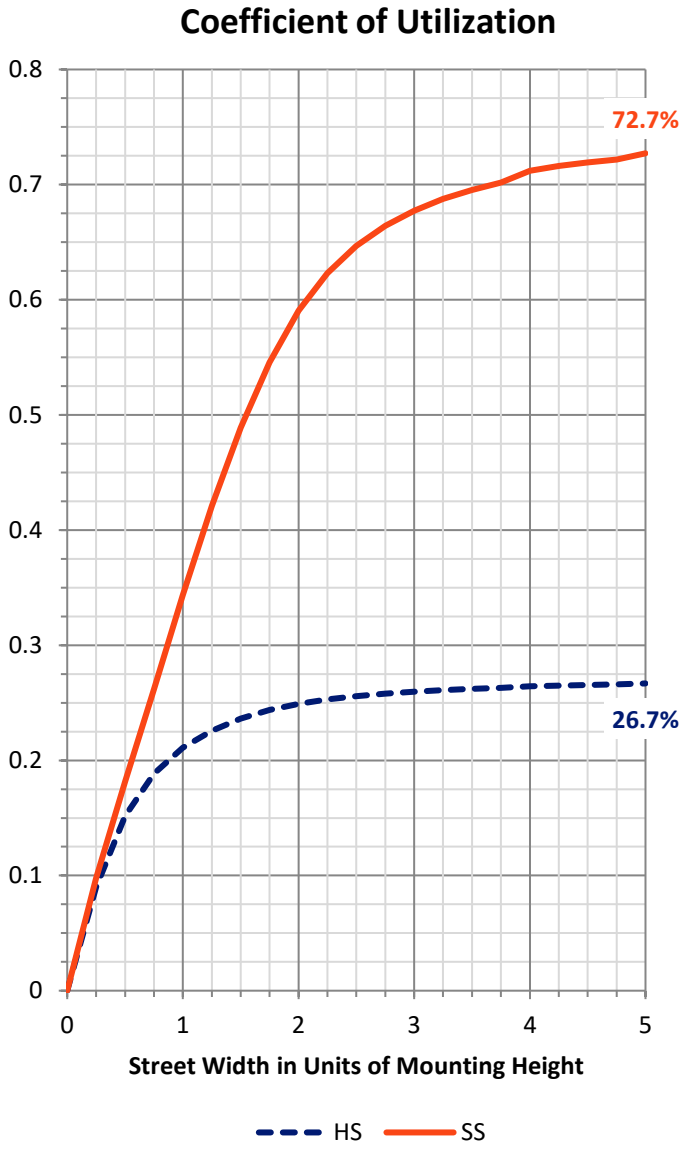
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5926.1	0.0	5926.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	16102.2	0.0	16102.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	22028.3	0.0	22028.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	346.8	1.6
10°-20°	1062.8	4.8
20°-30°	1644.9	7.5
30°-40°	2040.8	9.3
40°-50°	2984.3	13.5
50°-60°	4674.6	21.2
60°-70°	5546.7	25.2
70°-80°	3235.1	14.7
80°-90°	492.2	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°	22028.3	100.0
0°-180°	22028.3	100.0



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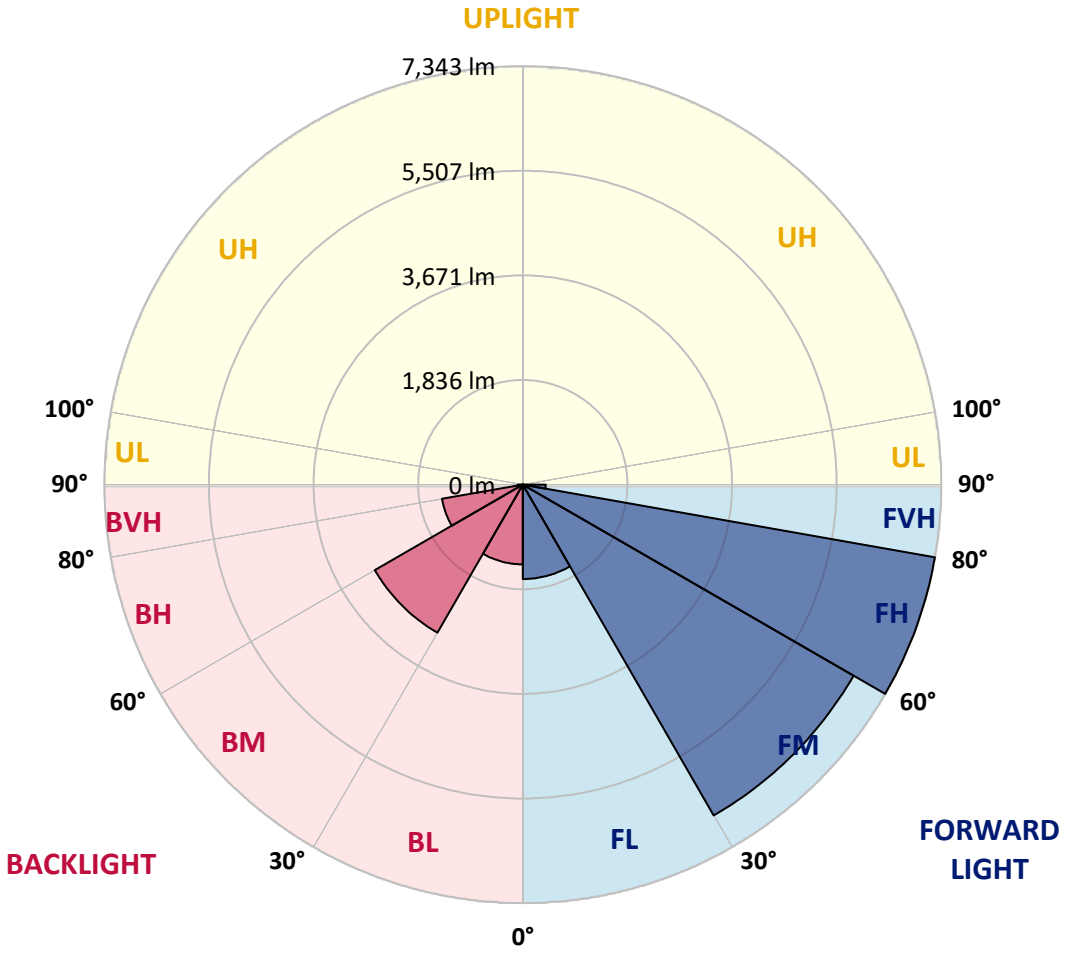
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1655.6	7.5			
FM	(30°-60°)	6701.5	30.4			
FH	(60°-80°)	7342.6	33.3			G3/7500
FVH	(80°-90°)	402.5	1.8			G3/500
BL	(0°-30°)	1399.0	6.4	B3/2500		
BM	(30°-60°)	2998.3	13.6	B3/5000		
BH	(60°-80°)	1439.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	89.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	*3512.4*	3512.4
2.5°	3795.3	3808.7	3822.2	3836.8	3851.8	3860.5	3869.1	3878.2	3886.9	*3894.9*	3886.9
5°	4053.9	4114.7	4175.1	4216.0	4257.0	4288.2	4319.5	4337.2	4355.5	*4358.2*	4355.5
7.5°	4315.1	4387.3	4459.5	4522.0	4584.5	4624.4	4664.2	4687.4	4711.1	*4719.2*	4711.1
10°	4479.4	4564.0	4649.1	4709.5	4770.4	4807.5	4844.2	4862.5	4880.8	*4886.2*	4880.8
12.5°	4563.0	4644.3	4725.6	4772.5	4818.8	4842.5	4865.7	4874.3	4881.9	*4875.4*	4881.9
15°	4603.4	4651.3	4698.7	4718.6	4738.0	4726.7	4714.9	4698.2	4681.5	*4670.7*	4681.5
17.5°	4614.1	4630.8	4648.1	4612.0	4576.4	4511.8	4447.1	4398.6	4350.2	*4315.1*	4350.2
20°	4649.1	4622.2	4595.3	4499.4	4404.0	4282.8	4161.6	4080.3	3998.4	*3948.8*	3998.4
22.5°	4686.9	4610.9	4534.9	4373.9	4212.8	4046.9	3881.5	3787.7	3694.5	*3641.7*	3694.5
25°	4746.1	4615.7	4484.8	4267.2	4050.1	3855.1	3660.6	3558.8	3457.5	*3399.3*	3457.5
27.5°	4832.3	4633.0	4433.7	4164.3	3894.9	3683.8	3472.0	3375.1	3278.1	*3226.9*	3278.1
30°	4953.5	4689.0	4424.0	4101.8	3779.1	3558.2	3337.4	3242.6	3147.2	*3092.2*	3147.2
32.5°	5101.7	4767.7	4433.7	4072.7	3711.8	3486.6	3261.9	3170.9	3080.4	*3033.0*	3080.4
35°	5352.2	4929.3	4506.4	4106.1	3706.4	3497.4	3288.9	3222.1	3155.8	*3130.0*	3155.8
37.5°	5670.0	5176.0	4681.5	4269.3	3857.2	3715.0	3572.8	3572.8	3572.8	*3593.3*	3572.8
40°	6138.7	5583.8	5028.9	4638.9	4249.4	4240.8	4233.3	4323.8	4414.8	*4455.2*	4414.8
42.5°	6795.9	6209.3	5623.2	5308.5	4993.9	5182.5	5371.0	5632.8	5894.7	*6066.0*	5894.7
45°	7612.1	7041.1	6470.0	6250.2	6031.0	6450.6	6869.7	7332.5	7795.3	*8123.9*	7795.3
47.5°	8393.2	7912.7	7431.6	7306.1	7181.1	7878.8	8576.4	9254.7	9932.9	*10332.6*	9932.9
50°	9298.3	8866.2	8433.6	8409.4	8385.2	9314.5	10243.7	11119.2	11994.6	*12482.1*	11994.6
52.5°	10459.2	9984.6	9509.5	9528.9	9547.2	10651.0	11754.9	12813.4	13872.0	*14421.5*	13872.0
55°	11846.4	11251.1	10655.9	10652.6	10649.4	11917.5	13186.8	14487.2	15788.8	*16522.5*	15788.8
57.5°	13260.6	12703.0	12145.4	12012.9	11879.8	13206.2	14531.9	15968.2	17404.9	*18176.4*	17404.9
60°	14321.8	14014.8	13707.7	13495.5	13283.7	14645.6	16008.0	17491.7	18974.8	*19744.1*	18974.8
62.5°	13882.8	14431.7	14980.7	14965.1	14949.5	16419.6	17889.8	19432.7	20976.6	*21667.3*	20976.6
65°	*12401.3*	*13276.7*	*14152.2*	*14754.4*	*15356.2*	*17133.4*	*18910.1*	*20517.7*	*22125.2*	*22830.9*	*22125.2*
67.5°	11011.4	11782.9	12554.8	13047.8	13540.7	15543.1	17546.1	19370.2	21194.3	*21920.5*	21194.3
70°	9680.8	10535.2	11389.6	11741.9	12094.2	13795.5	15496.3	16939.5	18382.2	*18666.6*	18382.2
72.5°	8309.7	9325.8	10342.3	10491.6	10640.8	11878.8	13116.7	13885.5	14654.2	*14033.6*	14654.2
75°	6804.0	7950.4	9096.3	9195.9	9295.6	9681.3	10067.6	10263.1	10459.2	*10106.4*	10459.2
77.5°	4525.2	5517.6	6510.4	6734.0	6957.6	7214.5	7472.0	7458.6	7445.1	*6949.5*	7445.1
80°	2655.9	3432.2	4208.5	4237.6	4266.7	4459.5	4651.8	4848.5	5045.1	*4730.0*	5045.1
82.5°	1327.9	1754.1	2180.7	2246.5	2312.2	2430.2	2548.1	2603.1	2658.6	*2391.9*	2658.6
85°	301.7	412.7	523.6	630.8	738.0	862.0	985.9	971.8	957.8	*808.1*	957.8
87.5°	24.2	24.8	25.9	26.4	26.9	27.5	28.0	29.6	31.2	*32.3*	31.2
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°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3878.2	3869.1	3860.5	3851.8	3836.8	3822.2	3808.7	3795.3	3760.8	3726.9	3695.6
5°	4337.2	4319.5	4288.2	4257.0	4216.0	4175.1	4114.7	4053.9	3993.0	3932.6	3869.1
7.5°	4687.4	4664.2	4624.4	4584.5	4522.0	4459.5	4387.3	4315.1	4212.8	4110.4	4014.0
10°	4862.5	4844.2	4807.5	4770.4	4709.5	4649.1	4564.0	4479.4	4357.2	4234.3	4114.7
12.5°	4874.3	4865.7	4842.5	4818.8	4772.5	4725.6	4644.3	4563.0	4441.2	4319.5	4185.3
15°	4698.2	4714.9	4726.7	4738.0	4718.6	4698.7	4651.3	4603.4	4480.0	4357.2	4220.9
17.5°	4398.6	4447.1	4511.8	4576.4	4612.0	4648.1	4630.8	4614.1	4498.8	4384.1	4238.6
20°	4080.3	4161.6	4282.8	4404.0	4499.4	4595.3	4622.2	4649.1	4532.8	4416.4	4260.2
22.5°	3787.7	3881.5	4046.9	4212.8	4373.9	4534.9	4610.9	4686.9	4580.2	4474.1	4302.2
25°	3558.8	3660.6	3855.1	4050.1	4267.2	4484.8	4615.7	4746.1	4654.0	4561.9	4374.4
27.5°	3375.1	3472.0	3683.8	3894.9	4164.3	4433.7	4633.0	4832.3	4761.7	4691.2	4480.0
30°	3242.6	3337.4	3558.2	3779.1	4101.8	4424.0	4689.0	4953.5	4898.0	4843.1	4605.0
32.5°	3170.9	3261.9	3486.6	3711.8	4072.7	4433.7	4767.7	5101.7	5067.2	5032.7	4752.0
35°	3222.1	3288.9	3497.4	3706.4	4106.1	4506.4	4929.3	5352.2	5309.1	5266.0	4908.3
37.5°	3572.8	3572.8	3715.0	3857.2	4269.3	4681.5	5176.0	5670.0	5618.8	5567.7	5099.0
40°	4323.8	4233.3	4240.8	4249.4	4638.9	5028.9	5583.8	6138.7	6038.0	5936.7	5317.2
42.5°	5632.8	5371.0	5182.5	4993.9	5308.5	5623.2	6209.3	6795.9	6582.6	6368.7	5558.5
45°	7332.5	6869.7	6450.6	6031.0	6250.2	6470.0	7041.1	7612.1	7270.0	6927.9	5886.0
47.5°	9254.7	8576.4	7878.8	7181.1	7306.1	7431.6	7912.7	8393.2	7960.1	7527.0	6222.7
50°	11119.2	10243.7	9314.5	8385.2	8409.4	8433.6	8866.2	9298.3	8711.1	8123.9	6516.3
52.5°	12813.4	11754.9	10651.0	9547.2	9528.9	9509.5	9984.6	10459.2	9526.7	8593.6	6655.3
55°	14487.2	13186.8	11917.5	10649.4	10652.6	10655.9	11251.1	11846.4	10346.1	8845.8	6618.7
57.5°	15968.2	14531.9	13206.2	11879.8	12012.9	12145.4	12703.0	13260.6	11034.0	8808.1	6418.8
60°	17491.7	16008.0	14645.6	13283.7	13495.5	13707.7	14014.8	14321.8	11342.2	8362.0	5939.9
62.5°	19432.7	17889.8	16419.6	14949.5	14965.1	14980.7	14431.7	13882.8	10658.6	7434.3	5155.0
65°	*20517.7*	*18910.1*	*17133.4*	*15356.2*	*14754.4*	*14152.2*	*13276.7*	*12401.3*	*9193.2*	*5985.2*	*4043.6*
67.5°	19370.2	17546.1	15543.1	13540.7	13047.8	12554.8	11782.9	11011.4	7895.5	4779.5	3146.7
70°	16939.5	15496.3	13795.5	12094.2	11741.9	11389.6	10535.2	9680.8	6707.6	3734.4	2411.3
72.5°	13885.5	13116.7	11878.8	10640.8	10491.6	10342.3	9325.8	8309.7	5569.8	2829.4	1812.8
75°	10263.1	10067.6	9681.3	9295.6	9195.9	9096.3	7950.4	6804.0	4447.1	2090.2	1343.6
77.5°	7458.6	7472.0	7214.5	6957.6	6734.0	6510.4	5517.6	4525.2	2917.7	1310.2	868.4
80°	4848.5	4651.8	4459.5	4266.7	4237.6	4208.5	3432.2	2655.9	1672.7	689.6	480.0
82.5°	2603.1	2548.1	2430.2	2312.2	2246.5	2180.7	1754.1	1327.9	838.2	349.1	258.0
85°	971.8	985.9	862.0	738.0	630.8	523.6	412.7	301.7	199.3	97.0	81.9
87.5°	29.6	28.0	27.5	26.9	26.4	25.9	24.8	24.2	23.7	22.6	22.1
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°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3664.4	3633.1	3601.3	3571.2	3540.5	3509.8	3482.8	3453.7	3425.2	3402.6	3380.5
5°	3806.1	3744.1	3682.1	3623.4	3565.2	3504.4	3452.1	3400.4	3349.8	3307.7	3265.7
7.5°	3917.6	3831.4	3745.2	3668.1	3590.6	3509.8	3446.7	3383.7	3321.2	3266.8	3211.8
10°	3994.6	3888.5	3781.8	3692.9	3604.0	3517.8	3450.5	3384.2	3318.5	3262.5	3206.5
12.5°	4051.2	3932.1	3813.1	3715.0	3617.5	3523.2	3457.5	3402.6	3348.1	3308.8	3270.0
15°	4084.6	3956.4	3827.6	3717.2	3606.7	3501.7	3443.5	3407.9	3372.4	3369.1	3365.9
17.5°	4093.2	3946.7	3800.7	3671.9	3543.7	3420.9	3371.3	3366.5	3361.6	3414.9	3468.3
20°	4104.0	3932.1	3760.3	3591.1	3421.9	3259.3	3228.0	3258.7	3288.9	3393.4	3497.4
22.5°	4130.9	3920.8	3710.7	3498.4	3286.2	3092.2	3062.6	3107.9	3152.6	3288.9	3425.2
25°	4186.9	3919.7	3652.5	3388.0	3123.5	2901.0	2898.3	2947.3	2996.4	3122.4	3248.5
27.5°	4269.3	3930.0	3590.6	3274.9	2958.6	2731.3	2744.8	2791.6	2839.0	2932.8	3026.5
30°	4366.3	3952.0	3538.3	3176.3	2814.8	2593.9	2608.5	2645.1	2681.7	2749.6	2817.5
32.5°	4471.4	3976.8	3482.8	3090.1	2697.9	2494.3	2494.3	2509.9	2525.5	2569.7	2613.9
35°	4551.1	3970.9	3391.2	2992.0	2592.3	2435.0	2401.6	2388.7	2375.8	2404.8	2433.9
37.5°	4630.3	3954.2	3278.1	2883.2	2488.9	2365.0	2301.4	2266.9	2231.4	2245.4	2258.3
40°	4697.6	3916.5	3135.3	2753.4	2371.4	2273.4	2193.7	2141.9	2090.2	2089.2	2087.5
42.5°	4747.2	3851.3	2954.9	2598.8	2242.1	2173.7	2075.1	2009.4	1943.7	1936.7	1929.7
45°	4844.2	3806.6	2769.0	2441.5	2114.5	2052.5	1954.5	1886.6	1819.8	1809.0	1798.2
47.5°	4918.5	3754.3	2590.2	2285.2	1981.4	1909.8	1818.2	1760.5	1702.4	1695.9	1688.9
50°	4908.8	3665.4	2421.5	2146.3	1870.4	1772.4	1681.9	1634.5	1586.5	1594.6	1602.7
52.5°	4716.5	3483.4	2250.8	2021.3	1792.9	1667.3	1570.4	1534.8	1498.7	1524.0	1548.8
55°	4391.6	3242.0	2091.3	1916.8	1741.1	1616.2	1501.9	1462.1	1422.2	1457.8	1493.3
57.5°	4029.6	2989.4	1949.1	1828.4	1707.7	1602.7	1462.6	1406.6	1351.1	1386.7	1422.2
60°	3517.8	2669.9	1821.9	1737.4	1652.8	1570.4	1430.3	1360.3	1290.2	1313.9	1337.1
62.5°	2875.7	2264.8	1653.9	1606.5	1559.6	1524.6	1391.0	1299.4	1207.8	1211.0	1213.2
65°	*2102.1*	*1779.9*	*1457.2*	*1447.0*	*1437.3*	*1427.6*	*1317.2*	*1218.6*	*1120.5*	*1109.8*	*1099.0*
67.5°	1513.8	1360.8	1207.8	1236.4	1264.9	1279.5	1204.0	1117.3	1030.0	1007.9	985.9
70°	1088.2	1034.3	980.5	1023.0	1065.6	1061.3	1024.6	972.9	921.2	907.2	893.2
72.5°	796.2	795.1	794.6	826.9	859.3	816.2	839.3	827.5	816.2	805.9	796.2
75°	596.9	593.1	589.9	628.1	666.9	684.2	699.3	692.8	686.9	679.3	672.3
77.5°	426.7	429.9	432.1	474.1	516.1	565.7	568.3	554.3	539.8	532.3	523.6
80°	270.4	273.7	275.8	320.0	363.6	433.7	431.0	413.7	396.0	390.0	383.6
82.5°	167.0	167.5	168.1	189.6	211.2	250.5	261.3	261.3	261.3	257.5	253.2
85°	67.3	70.6	74.3	88.3	102.4	123.9	130.4	131.4	132.0	126.1	119.6
87.5°	21.5	22.6	24.2	26.9	29.6	32.3	37.7	40.9	44.2	47.4	49.6
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: P1364900
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3361.1	3341.1	3318.0	3294.3	3277.6	3260.3	3249.0	3237.7	3232.3	3226.9	3222.6
5°	3231.2	3195.7	3164.4	3132.7	3107.9	3082.6	3062.1	3041.1	3032.5	3023.3	3017.4
7.5°	3165.5	3119.2	3080.4	3041.1	3003.9	2967.3	2943.6	2919.9	2905.9	2891.8	2881.6
10°	3157.4	3108.4	3057.2	3006.1	2965.1	2924.2	2888.6	2854.1	2834.2	2814.8	2804.0
12.5°	3224.8	3179.5	3118.6	3057.2	3001.7	2946.8	2903.2	2859.5	2834.7	2811.0	2794.9
15°	3350.3	3334.7	3278.1	3221.5	3145.0	3068.0	3005.5	2942.5	2908.0	2872.5	2852.5
17.5°	3499.0	3529.7	3490.4	3450.5	3342.8	3235.0	3141.8	3049.2	2998.5	2947.9	2930.1
20°	3580.3	3663.3	3659.0	3655.2	3514.6	3373.5	3251.2	3128.9	3061.0	2994.2	2967.3
22.5°	3544.8	3664.4	3695.1	3725.2	3587.3	3448.9	3298.0	3147.2	3067.5	2987.2	2961.9
25°	3377.2	3506.0	3563.1	3620.2	3506.5	3392.9	3246.3	3100.3	3016.3	2931.7	2905.9
27.5°	3130.0	3233.4	3297.5	3361.6	3292.1	3222.6	3104.1	2985.6	2911.2	2836.4	2808.9
30°	2887.5	2957.6	3008.7	3059.9	3014.1	2968.3	2883.2	2798.6	2743.2	2688.2	2671.0
32.5°	2666.1	2717.8	2746.4	2774.4	2738.8	2703.3	2647.3	2591.2	2556.8	2522.3	2511.0
35°	2476.0	2518.5	2540.1	2561.6	2532.0	2502.4	2452.2	2402.7	2377.9	2353.1	2344.0
37.5°	2294.4	2330.0	2360.7	2391.9	2370.4	2348.8	2306.3	2263.7	2234.6	2204.4	2188.3
40°	2122.0	2156.0	2194.7	2233.0	2229.2	2224.9	2184.5	2144.1	2102.1	2060.6	2038.5
42.5°	1963.6	1997.6	2038.5	2079.5	2087.5	2095.6	2062.2	2028.3	1979.8	1931.3	1897.4
45°	1827.3	1857.5	1902.2	1947.5	1966.3	1985.2	1955.0	1924.3	1869.9	1815.5	1775.1
47.5°	1719.6	1750.8	1800.4	1850.5	1870.4	1890.9	1870.4	1850.5	1803.6	1756.2	1720.7
50°	1636.6	1670.0	1708.8	1748.1	1785.3	1821.9	1818.2	1814.4	1777.2	1740.1	1706.7
52.5°	1579.5	1610.8	1651.2	1691.6	1730.4	1769.7	1775.6	1782.1	1755.1	1728.2	1699.1
55°	1530.5	1567.7	1605.4	1643.1	1679.7	1715.8	1723.9	1732.0	1712.6	1692.7	1671.1
57.5°	1462.6	1503.0	1540.7	1578.4	1621.0	1663.6	1670.0	1676.5	1656.0	1635.0	1618.9
60°	1378.6	1419.5	1458.9	1497.6	1540.7	1583.8	1592.5	1601.1	1584.9	1568.8	1553.7
62.5°	1260.1	1306.4	1338.7	1371.0	1412.0	1453.5	1465.9	1478.8	1471.2	1464.2	1447.0
65°	*1143.2*	*1187.9*	*1213.2*	*1239.1*	*1274.6*	*1310.2*	*1322.6*	*1334.9*	*1331.2*	*1327.9*	*1315.6*
67.5°	1026.8	1067.7	1088.8	1109.8	1134.0	1158.2	1172.3	1186.3	1179.3	1171.7	1158.8
70°	926.6	960.0	978.3	996.6	1016.0	1035.4	1043.0	1050.5	1039.7	1029.0	999.9
72.5°	821.5	846.9	862.5	878.1	896.4	914.7	919.1	923.9	907.2	890.0	856.0
75°	691.7	711.1	723.0	735.4	754.2	773.1	781.1	789.2	765.5	742.4	706.3
77.5°	541.4	559.2	570.5	581.8	597.4	613.1	615.2	618.4	598.0	577.5	556.0
80°	396.5	409.4	413.7	417.5	430.4	442.8	442.8	442.8	427.7	412.1	401.3
82.5°	250.5	247.8	242.4	237.0	250.0	262.9	267.2	272.1	265.0	258.6	246.7
85°	112.1	103.4	101.8	99.7	99.1	98.0	101.8	105.1	103.4	102.4	98.0
87.5°	52.8	54.9	53.3	51.2	49.0	47.4	43.1	38.8	35.6	32.3	30.2
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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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3218.8	3216.2	3218.8	3222.6	3226.9	3232.3	3237.7	3249.0	3260.3	3277.6	3294.3
5°	3011.4	3006.1	3011.4	3017.4	3023.3	3032.5	3041.1	3062.1	3082.6	3107.9	3132.7
7.5°	2871.4	2866.0	2871.4	2881.6	2891.8	2905.9	2919.9	2943.6	2967.3	3003.9	3041.1
10°	2793.3	2785.2	2793.3	2804.0	2814.8	2834.2	2854.1	2888.6	2924.2	2965.1	3006.1
12.5°	2778.7	2769.0	2778.7	2794.9	2811.0	2834.7	2859.5	2903.2	2946.8	3001.7	3057.2
15°	2832.6	2817.5	2832.6	2852.5	2872.5	2908.0	2942.5	3005.5	3068.0	3145.0	3221.5
17.5°	2911.8	2903.7	2911.8	2930.1	2947.9	2998.5	3049.2	3141.8	3235.0	3342.8	3450.5
20°	2940.3	2930.6	2940.3	2967.3	2994.2	3061.0	3128.9	3251.2	3373.5	3514.6	3655.2
22.5°	2936.0	2925.2	2936.0	2961.9	2987.2	3067.5	3147.2	3298.0	3448.9	3587.3	3725.2
25°	2879.5	2871.4	2879.5	2905.9	2931.7	3016.3	3100.3	3246.3	3392.9	3506.5	3620.2
27.5°	2780.9	2763.6	2780.9	2808.9	2836.4	2911.2	2985.6	3104.1	3222.6	3292.1	3361.6
30°	2653.2	2645.1	2653.2	2671.0	2688.2	2743.2	2798.6	2883.2	2968.3	3014.1	3059.9
32.5°	2499.7	2494.3	2499.7	2511.0	2522.3	2556.8	2591.2	2647.3	2703.3	2738.8	2774.4
35°	2335.3	2327.3	2335.3	2344.0	2353.1	2377.9	2402.7	2452.2	2502.4	2532.0	2561.6
37.5°	2172.1	2160.3	2172.1	2188.3	2204.4	2234.6	2263.7	2306.3	2348.8	2370.4	2391.9
40°	2015.9	2004.0	2015.9	2038.5	2060.6	2102.1	2144.1	2184.5	2224.9	2229.2	2233.0
42.5°	1864.0	1842.4	1864.0	1897.4	1931.3	1979.8	2028.3	2062.2	2095.6	2087.5	2079.5
45°	1734.7	1707.7	1734.7	1775.1	1815.5	1869.9	1924.3	1955.0	1985.2	1966.3	1947.5
47.5°	1685.1	1659.3	1685.1	1720.7	1756.2	1803.6	1850.5	1870.4	1890.9	1870.4	1850.5
50°	1672.7	1648.5	1672.7	1706.7	1740.1	1777.2	1814.4	1818.2	1821.9	1785.3	1748.1
52.5°	1670.0	1648.5	1670.0	1699.1	1728.2	1755.1	1782.1	1775.6	1769.7	1730.4	1691.6
55°	1649.6	1632.3	1649.6	1671.1	1692.7	1712.6	1732.0	1723.9	1715.8	1679.7	1643.1
57.5°	1602.7	1594.6	1602.7	1618.9	1635.0	1656.0	1676.5	1670.0	1663.6	1621.0	1578.4
60°	1538.0	1524.6	1538.0	1553.7	1568.8	1584.9	1601.1	1592.5	1583.8	1540.7	1497.6
62.5°	1430.3	1411.4	1430.3	1447.0	1464.2	1471.2	1478.8	1465.9	1453.5	1412.0	1371.0
65°	*1303.7*	*1282.2*	*1303.7*	*1315.6*	*1327.9*	*1331.2*	*1334.9*	*1322.6*	*1310.2*	*1274.6*	*1239.1*
67.5°	1146.4	1142.1	1146.4	1158.8	1171.7	1179.3	1186.3	1172.3	1158.2	1134.0	1109.8
70°	970.8	937.4	970.8	999.9	1029.0	1039.7	1050.5	1043.0	1035.4	1016.0	996.6
72.5°	821.5	786.5	821.5	856.0	890.0	907.2	923.9	919.1	914.7	896.4	878.1
75°	670.7	646.5	670.7	706.3	742.4	765.5	789.2	781.1	773.1	754.2	735.4
77.5°	534.4	522.6	534.4	556.0	577.5	598.0	618.4	615.2	613.1	597.4	581.8
80°	390.6	382.5	390.6	401.3	412.1	427.7	442.8	442.8	442.8	430.4	417.5
82.5°	234.3	226.3	234.3	246.7	258.6	265.0	272.1	267.2	262.9	250.0	237.0
85°	94.3	91.6	94.3	98.0	102.4	103.4	105.1	101.8	98.0	99.1	99.7
87.5°	28.0	26.9	28.0	30.2	32.3	35.6	38.8	43.1	47.4	49.0	51.2
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3318.0	3341.1	3361.1	3380.5	3402.6	3425.2	3453.7	3482.8	3509.8	3540.5	3571.2
5°	3164.4	3195.7	3231.2	3265.7	3307.7	3349.8	3400.4	3452.1	3504.4	3565.2	3623.4
7.5°	3080.4	3119.2	3165.5	3211.8	3266.8	3321.2	3383.7	3446.7	3509.8	3590.6	3668.1
10°	3057.2	3108.4	3157.4	3206.5	3262.5	3318.5	3384.2	3450.5	3517.8	3604.0	3692.9
12.5°	3118.6	3179.5	3224.8	3270.0	3308.8	3348.1	3402.6	3457.5	3523.2	3617.5	3715.0
15°	3278.1	3334.7	3350.3	3365.9	3369.1	3372.4	3407.9	3443.5	3501.7	3606.7	3717.2
17.5°	3490.4	3529.7	3499.0	3468.3	3414.9	3361.6	3366.5	3371.3	3420.9	3543.7	3671.9
20°	3659.0	3663.3	3580.3	3497.4	3393.4	3288.9	3258.7	3228.0	3259.3	3421.9	3591.1
22.5°	3695.1	3664.4	3544.8	3425.2	3288.9	3152.6	3107.9	3062.6	3092.2	3286.2	3498.4
25°	3563.1	3506.0	3377.2	3248.5	3122.4	2996.4	2947.3	2898.3	2901.0	3123.5	3388.0
27.5°	3297.5	3233.4	3130.0	3026.5	2932.8	2839.0	2791.6	2744.8	2731.3	2958.6	3274.9
30°	3008.7	2957.6	2887.5	2817.5	2749.6	2681.7	2645.1	2608.5	2593.9	2814.8	3176.3
32.5°	2746.4	2717.8	2666.1	2613.9	2569.7	2525.5	2509.9	2494.3	2494.3	2697.9	3090.1
35°	2540.1	2518.5	2476.0	2433.9	2404.8	2375.8	2388.7	2401.6	2435.0	2592.3	2992.0
37.5°	2360.7	2330.0	2294.4	2258.3	2245.4	2231.4	2266.9	2301.4	2365.0	2488.9	2883.2
40°	2194.7	2156.0	2122.0	2087.5	2089.2	2090.2	2141.9	2193.7	2273.4	2371.4	2753.4
42.5°	2038.5	1997.6	1963.6	1929.7	1936.7	1943.7	2009.4	2075.1	2173.7	2242.1	2598.8
45°	1902.2	1857.5	1827.3	1798.2	1809.0	1819.8	1886.6	1954.5	2052.5	2114.5	2441.5
47.5°	1800.4	1750.8	1719.6	1688.9	1695.9	1702.4	1760.5	1818.2	1909.8	1981.4	2285.2
50°	1708.8	1670.0	1636.6	1602.7	1594.6	1586.5	1634.5	1681.9	1772.4	1870.4	2146.3
52.5°	1651.2	1610.8	1579.5	1548.8	1524.0	1498.7	1534.8	1570.4	1667.3	1792.9	2021.3
55°	1605.4	1567.7	1530.5	1493.3	1457.8	1422.2	1462.1	1501.9	1616.2	1741.1	1916.8
57.5°	1540.7	1503.0	1462.6	1422.2	1386.7	1351.1	1406.6	1462.6	1602.7	1707.7	1828.4
60°	1458.9	1419.5	1378.6	1337.1	1313.9	1290.2	1360.3	1430.3	1570.4	1652.8	1737.4
62.5°	1338.7	1306.4	1260.1	1213.2	1211.0	1207.8	1299.4	1391.0	1524.6	1559.6	1606.5
65°	*1213.2*	*1187.9*	*1143.2*	*1099.0*	*1109.8*	*1120.5*	*1218.6*	*1317.2*	*1427.6*	*1437.3*	*1447.0*
67.5°	1088.8	1067.7	1026.8	985.9	1007.9	1030.0	1117.3	1204.0	1279.5	1264.9	1236.4
70°	978.3	960.0	926.6	893.2	907.2	921.2	972.9	1024.6	1061.3	1065.6	1023.0
72.5°	862.5	846.9	821.5	796.2	805.9	816.2	827.5	839.3	816.2	859.3	826.9
75°	723.0	711.1	691.7	672.3	679.3	686.9	692.8	699.3	684.2	666.9	628.1
77.5°	570.5	559.2	541.4	523.6	532.3	539.8	554.3	568.3	565.7	516.1	474.1
80°	413.7	409.4	396.5	383.6	390.0	396.0	413.7	431.0	433.7	363.6	320.0
82.5°	242.4	247.8	250.5	253.2	257.5	261.3	261.3	261.3	250.5	211.2	189.6
85°	101.8	103.4	112.1	119.6	126.1	132.0	131.4	130.4	123.9	102.4	88.3
87.5°	53.3	54.9	52.8	49.6	47.4	44.2	40.9	37.7	32.3	29.6	26.9
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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REPORT NUMBER: P1364900
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4	3512.4
2.5°	3601.3	3633.1	3664.4	3695.6	3726.9	3760.8	3795.3
5°	3682.1	3744.1	3806.1	3869.1	3932.6	3993.0	4053.9
7.5°	3745.2	3831.4	3917.6	4014.0	4110.4	4212.8	4315.1
10°	3781.8	3888.5	3994.6	4114.7	4234.3	4357.2	4479.4
12.5°	3813.1	3932.1	4051.2	4185.3	4319.5	4441.2	4563.0
15°	3827.6	3956.4	4084.6	4220.9	4357.2	4480.0	4603.4
17.5°	3800.7	3946.7	4093.2	4238.6	4384.1	4498.8	4614.1
20°	3760.3	3932.1	4104.0	4260.2	4416.4	4532.8	4649.1
22.5°	3710.7	3920.8	4130.9	4302.2	4474.1	4580.2	4686.9
25°	3652.5	3919.7	4186.9	4374.4	4561.9	4654.0	4746.1
27.5°	3590.6	3930.0	4269.3	4480.0	4691.2	4761.7	4832.3
30°	3538.3	3952.0	4366.3	4605.0	4843.1	4898.0	4953.5
32.5°	3482.8	3976.8	4471.4	4752.0	5032.7	5067.2	5101.7
35°	3391.2	3970.9	4551.1	4908.3	5266.0	5309.1	5352.2
37.5°	3278.1	3954.2	4630.3	5099.0	5567.7	5618.8	5670.0
40°	3135.3	3916.5	4697.6	5317.2	5936.7	6038.0	6138.7
42.5°	2954.9	3851.3	4747.2	5558.5	6368.7	6582.6	6795.9
45°	2769.0	3806.6	4844.2	5886.0	6927.9	7270.0	7612.1
47.5°	2590.2	3754.3	4918.5	6222.7	7527.0	7960.1	8393.2
50°	2421.5	3665.4	4908.8	6516.3	8123.9	8711.1	9298.3
52.5°	2250.8	3483.4	4716.5	6655.3	8593.6	9526.7	10459.2
55°	2091.3	3242.0	4391.6	6618.7	8845.8	10346.1	11846.4
57.5°	1949.1	2989.4	4029.6	6418.8	8808.1	11034.0	13260.6
60°	1821.9	2669.9	3517.8	5939.9	8362.0	11342.2	14321.8
62.5°	1653.9	2264.8	2875.7	5155.0	7434.3	10658.6	13882.8
65°	*1457.2*	*1779.9*	*2102.1*	*4043.6*	*5985.2*	*9193.2*	*12401.3*
67.5°	1207.8	1360.8	1513.8	3146.7	4779.5	7895.5	11011.4
70°	980.5	1034.3	1088.2	2411.3	3734.4	6707.6	9680.8
72.5°	794.6	795.1	796.2	1812.8	2829.4	5569.8	8309.7
75°	589.9	593.1	596.9	1343.6	2090.2	4447.1	6804.0
77.5°	432.1	429.9	426.7	868.4	1310.2	2917.7	4525.2
80°	275.8	273.7	270.4	480.0	689.6	1672.7	2655.9
82.5°	168.1	167.5	167.0	258.0	349.1	838.2	1327.9
85°	74.3	70.6	67.3	81.9	97.0	199.3	301.7
87.5°	24.2	22.6	21.5	22.1	22.6	23.7	24.2
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

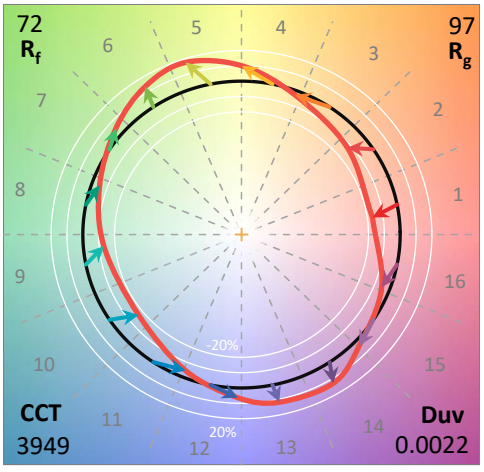
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Version: v7.04

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

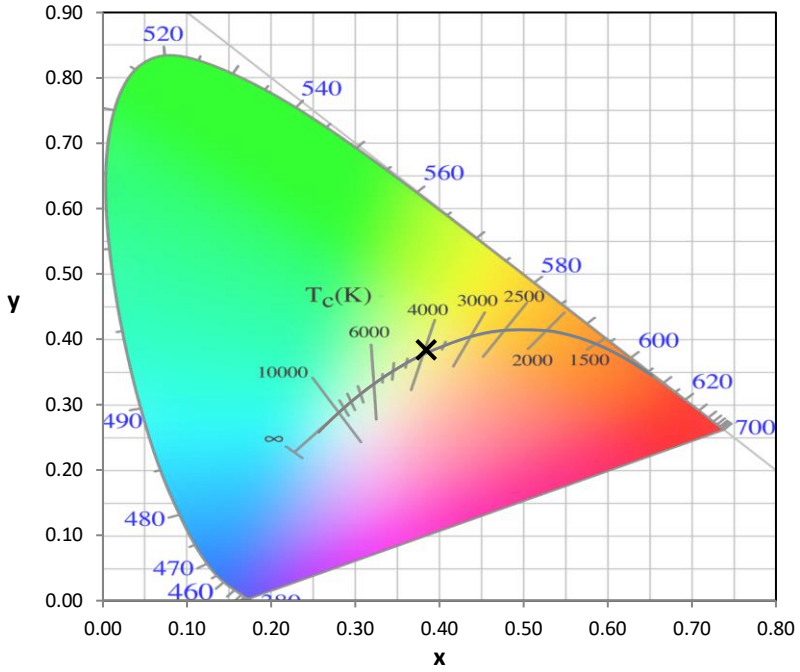
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

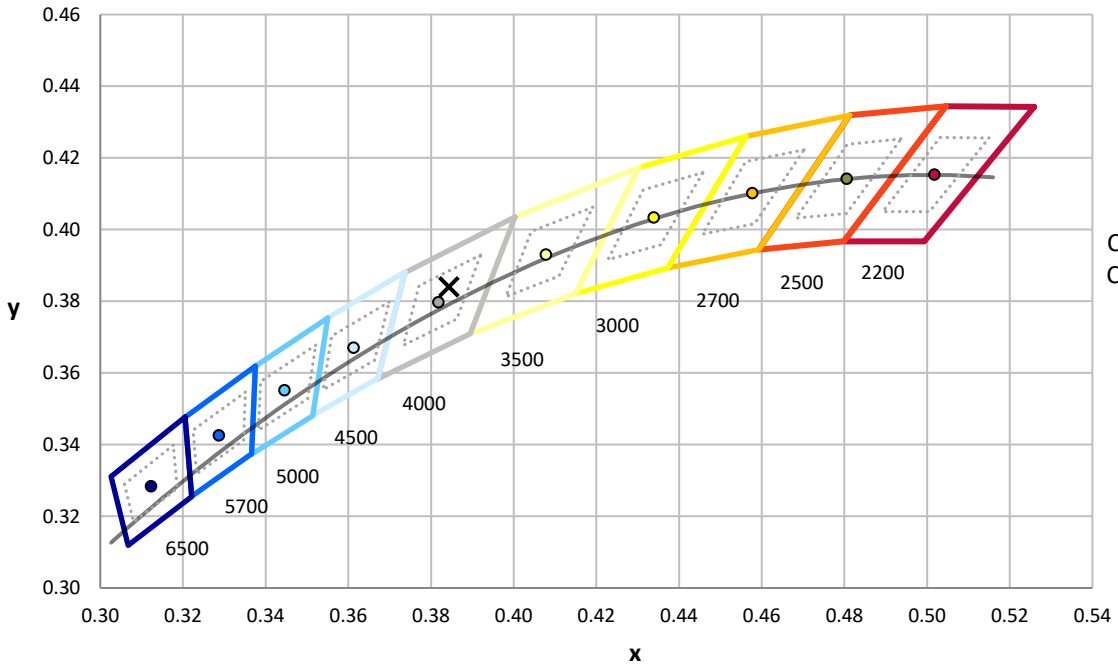
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

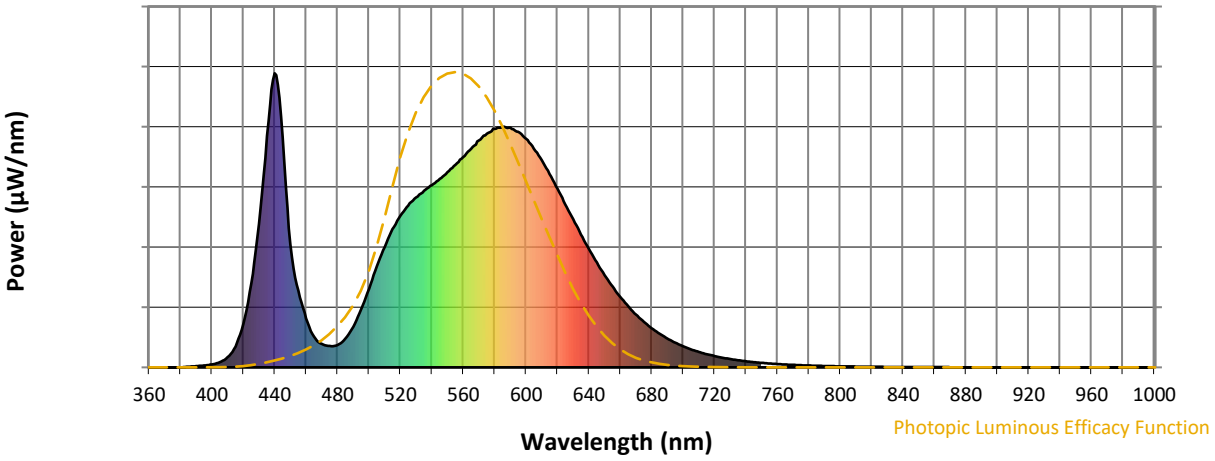


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

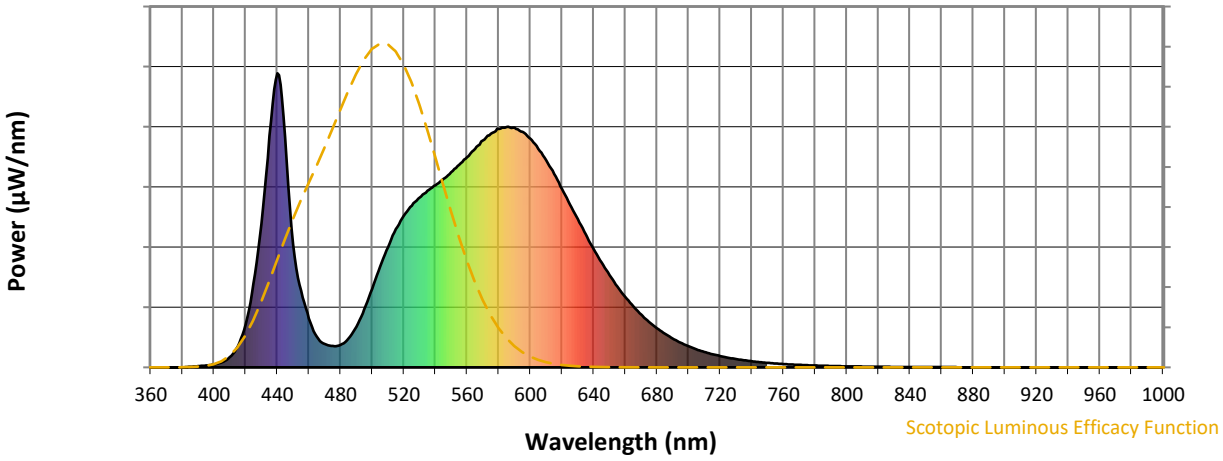


Photopic Lumens: NR

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

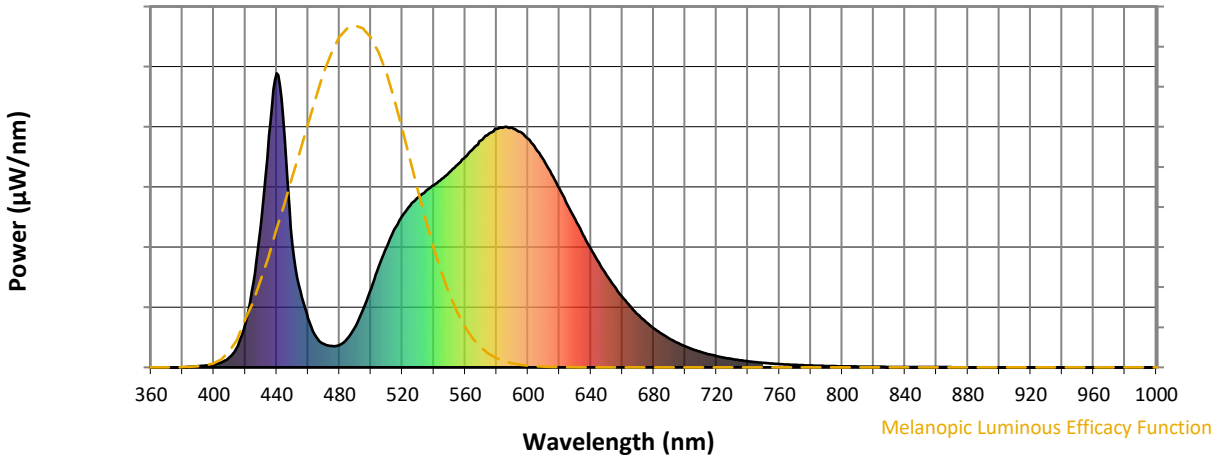


Scotopic Lumens: NR **S/P: 1.47**

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			

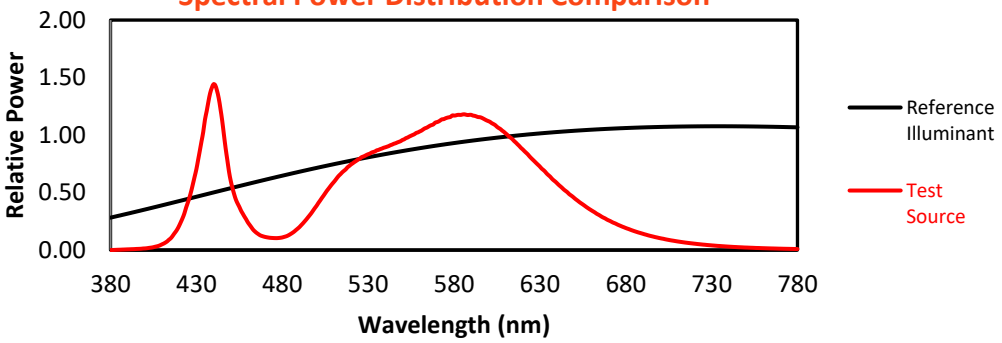
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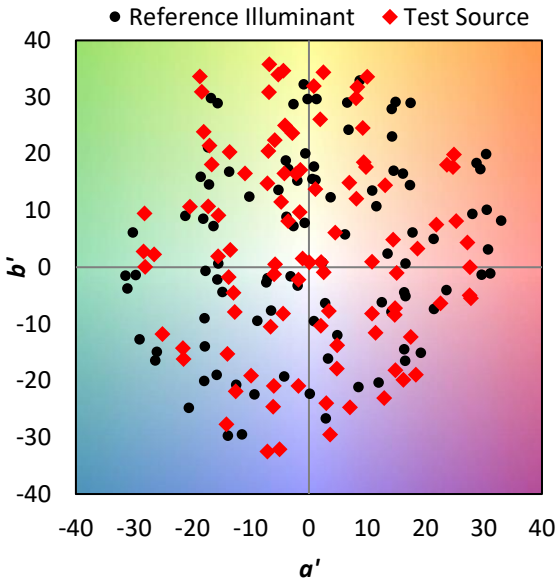
Summary

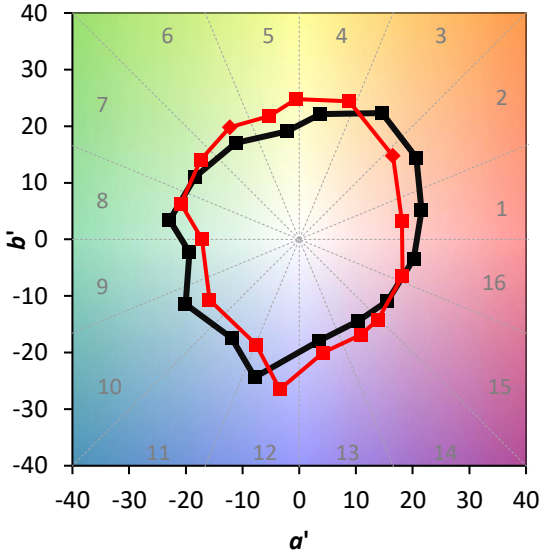
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R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

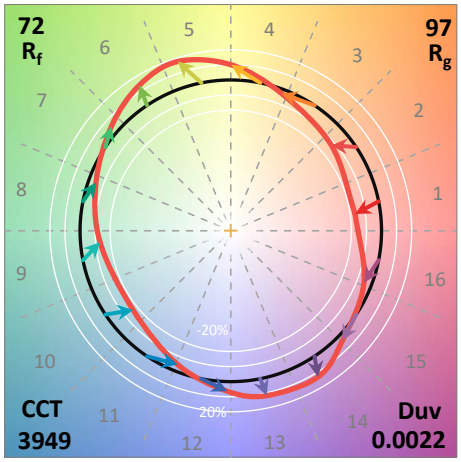
Spectral Power Distribution Comparison

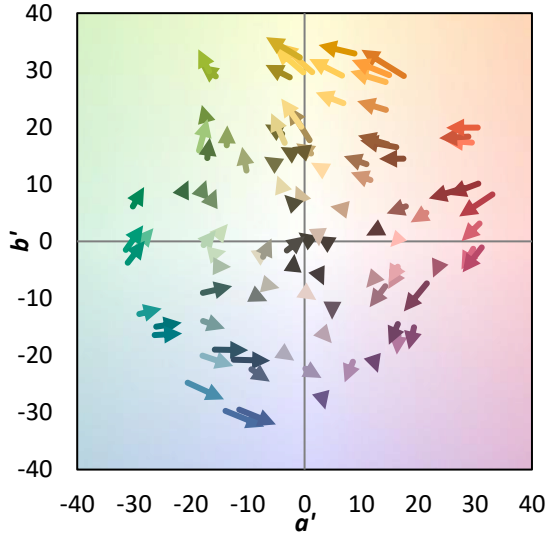


Color Vector Graphics







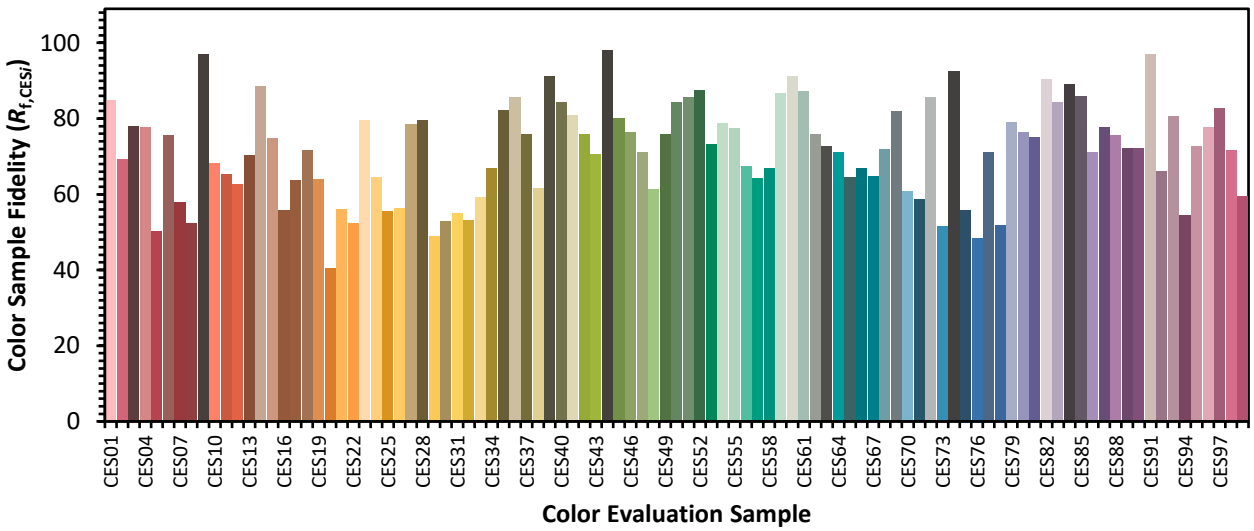


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Individual Sample Fidelity Index ($R_{f,i}$)

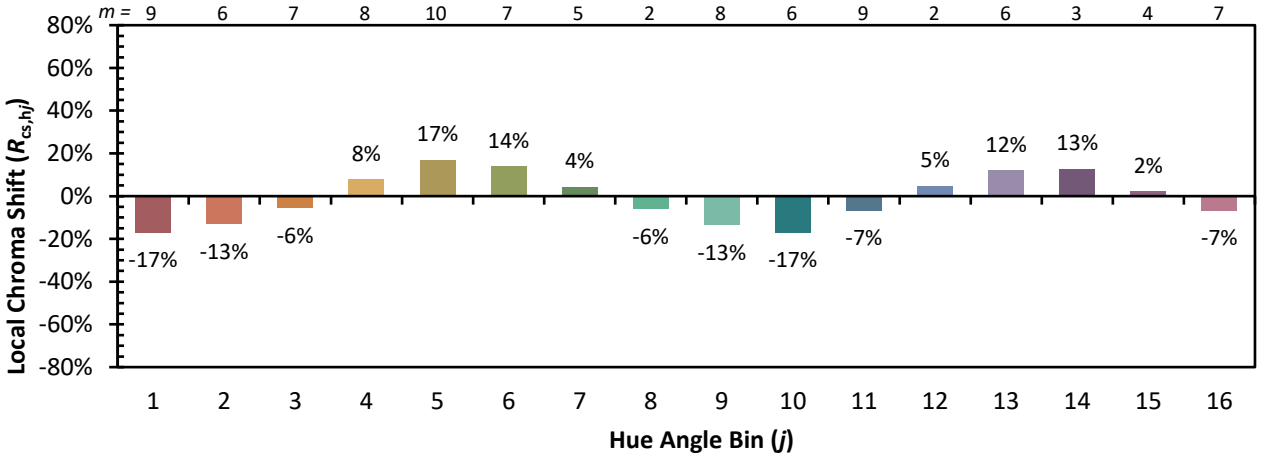
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CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 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
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CES25 = 72	CES50 = 84	CES75 = 56	

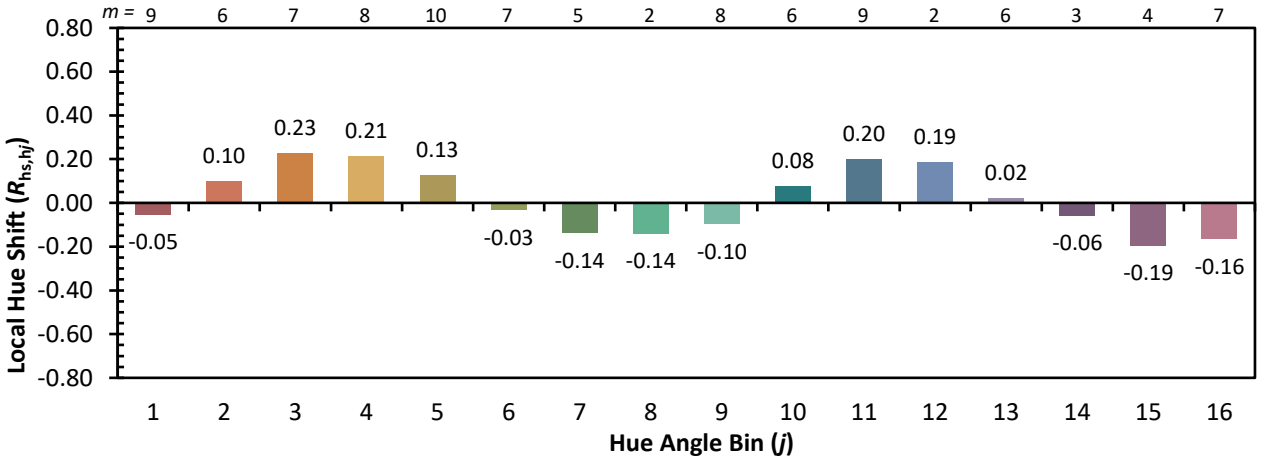


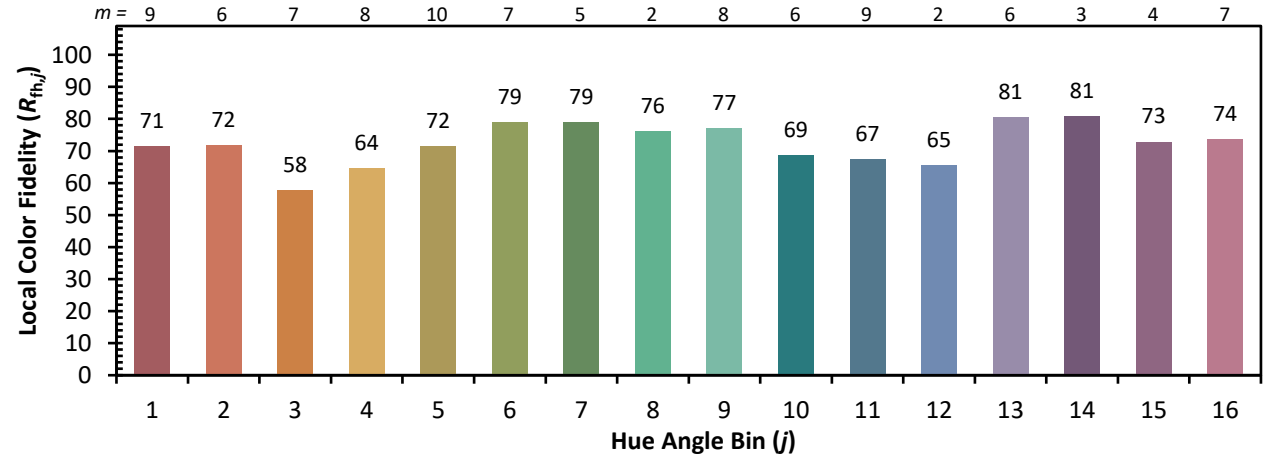
REPORT NUMBER: SP1-2407-184-1

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Color Rendition by Hue-Angle Bin



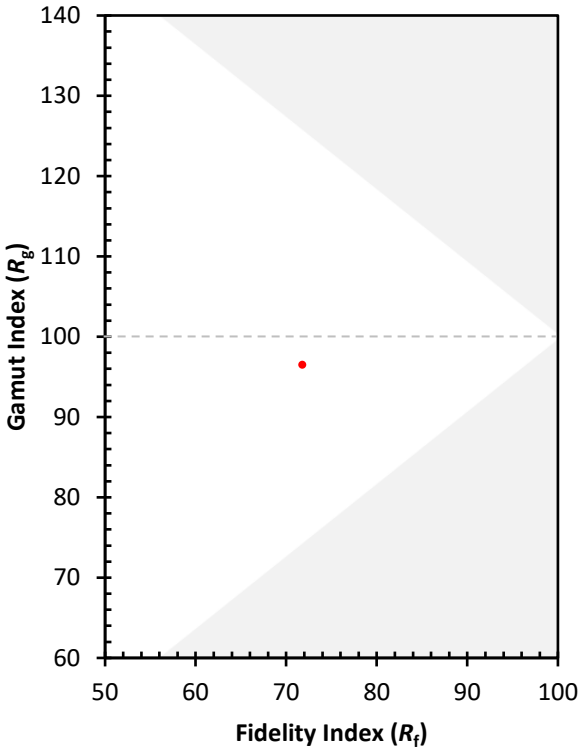


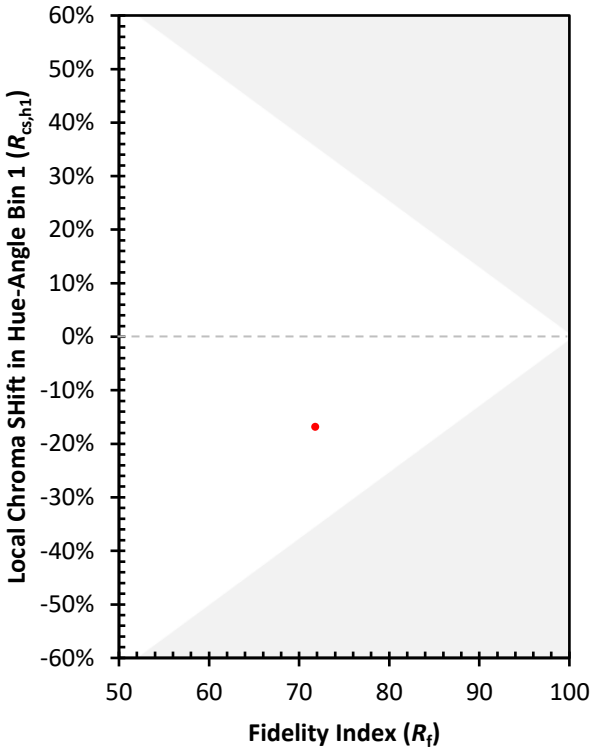


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Measure Comparisons





(END OF REPORT)