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: P1364971

Luminaire Tested: **GSS-SB4A-730-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364971
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-730-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16522.8 lumens
Efficiency:	N/A
Efficacy:	144.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

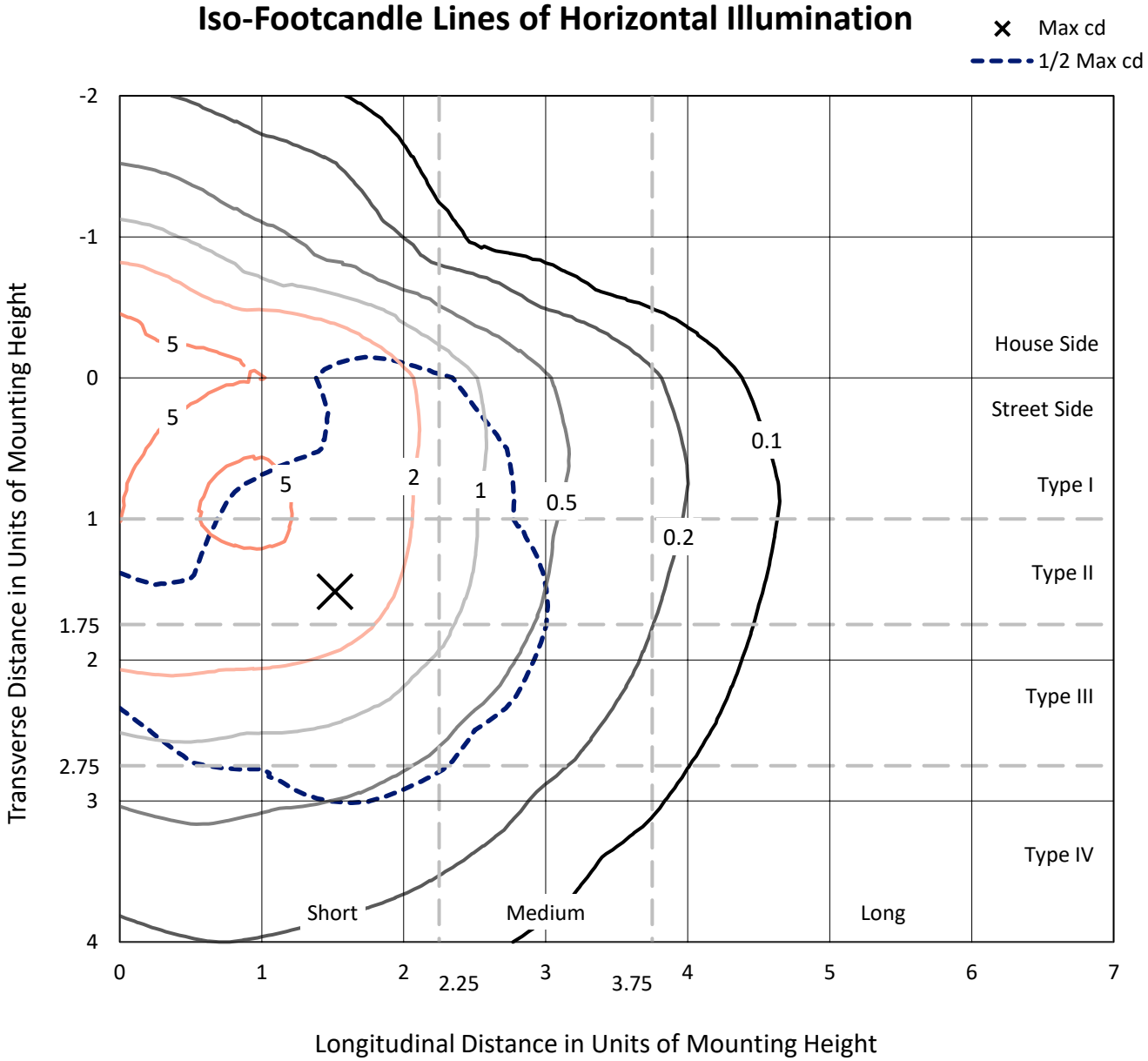
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



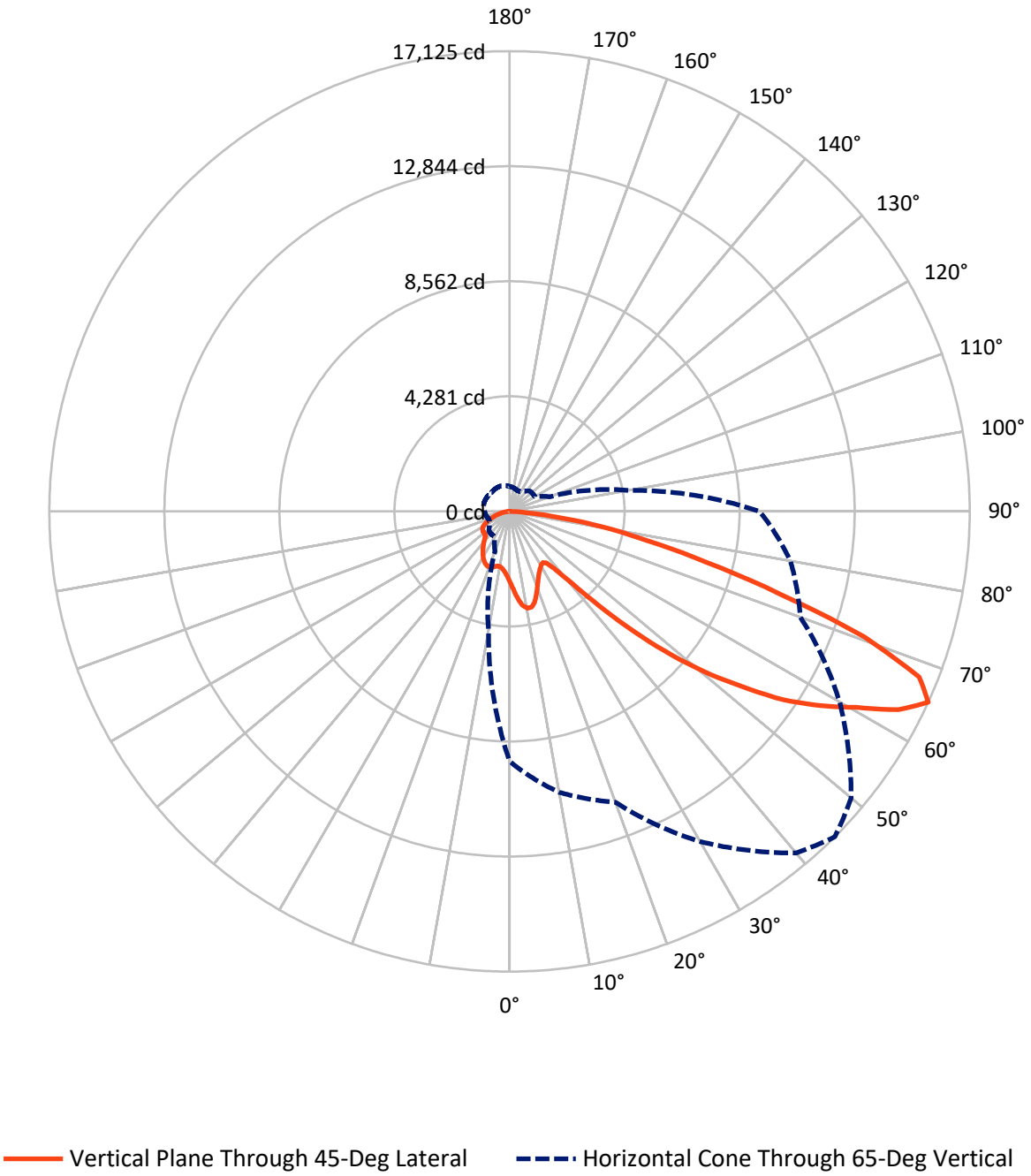
Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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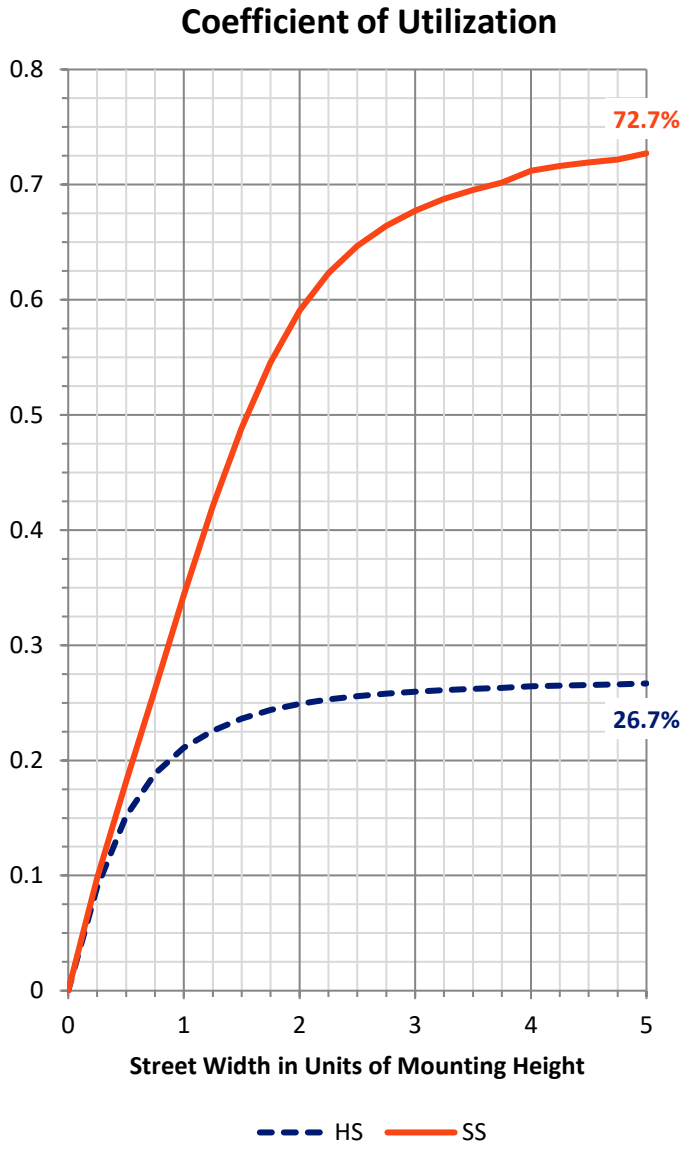
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4445.0	0.0	4445.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	12077.8	0.0	12077.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	16522.8	0.0	16522.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.1	1.6
10°-20°	797.2	4.8
20°-30°	1233.8	7.5
30°-40°	1530.8	9.3
40°-50°	2238.5	13.5
50°-60°	3506.3	21.2
60°-70°	4160.4	25.2
70°-80°	2426.6	14.7
80°-90°	369.2	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°	16522.8	100.0
0°-180°	16522.8	100.0



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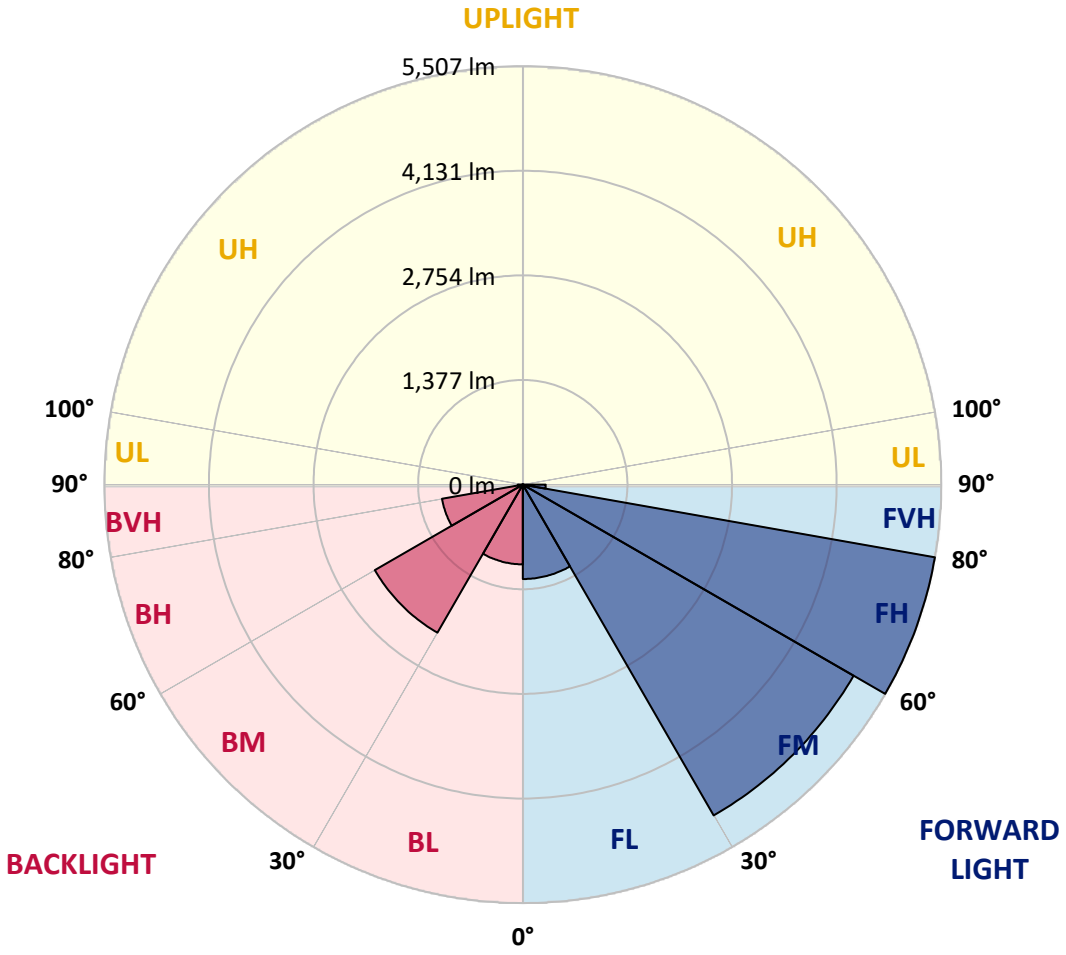
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1241.8	7.5			
FM	(30°-60°)	5026.6	30.4			
FH	(60°-80°)	5507.5	33.3			G3/7500
FVH	(80°-90°)	301.9	1.8			G3/500
BL	(0°-30°)	1049.3	6.4	B3/2500		
BM	(30°-60°)	2248.9	13.6	B2/2500		
BH	(60°-80°)	1079.5	6.5	B3/2500		G3/2500
BVH	(80°-90°)	67.2	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°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	*2634.6*	2634.6
2.5°	2846.7	2856.8	2866.9	2877.8	2889.2	2895.6	2902.1	2909.0	2915.4	*2921.5*	2915.4
5°	3040.7	3086.3	3131.6	3162.3	3193.0	3216.5	3239.9	3253.2	3267.0	*3269.0*	3267.0
7.5°	3236.7	3290.8	3345.0	3391.8	3438.7	3468.6	3498.5	3515.9	3533.7	*3539.7*	3533.7
10°	3359.9	3423.3	3487.2	3532.4	3578.1	3606.0	3633.5	3647.2	3660.9	*3665.0*	3660.9
12.5°	3422.5	3483.6	3544.6	3579.7	3614.5	3632.3	3649.6	3656.1	3661.8	*3656.9*	3661.8
15°	3452.8	3488.8	3524.4	3539.3	3553.9	3545.4	3536.5	3524.0	3511.4	*3503.4*	3511.4
17.5°	3460.9	3473.5	3486.4	3459.3	3432.6	3384.2	3335.7	3299.3	3262.9	*3236.7*	3262.9
20°	3487.2	3467.0	3446.8	3374.9	3303.3	3212.4	3121.5	3060.5	2999.1	*2961.9*	2999.1
22.5°	3515.5	3458.5	3401.5	3280.7	3159.9	3035.4	2911.4	2841.1	2771.2	*2731.6*	2771.2
25°	3559.9	3462.1	3363.9	3200.7	3037.9	2891.6	2745.7	2669.3	2593.4	*2549.7*	2593.4
27.5°	3624.6	3475.1	3325.6	3123.5	2921.5	2763.1	2604.3	2531.5	2458.8	*2420.4*	2458.8
30°	3715.5	3517.1	3318.3	3076.6	2834.6	2668.9	2503.3	2432.1	2360.6	*2319.4*	2360.6
32.5°	3826.6	3576.1	3325.6	3054.8	2784.1	2615.2	2446.7	2378.4	2310.5	*2275.0*	2310.5
35°	4014.5	3697.3	3380.1	3079.9	2780.1	2623.3	2466.9	2416.8	2367.1	*2347.7*	2367.1
37.5°	4252.9	3882.4	3511.4	3202.3	2893.2	2786.5	2679.8	2679.8	2679.8	*2695.2*	2679.8
40°	4604.5	4188.3	3772.1	3479.5	3187.4	3180.9	3175.2	3243.1	3311.4	*3341.7*	3311.4
42.5°	5097.4	4657.4	4217.8	3981.8	3745.8	3887.2	4028.7	4225.0	4421.4	*4549.9*	4421.4
45°	5709.6	5281.3	4853.0	4688.1	4523.7	4838.4	5152.8	5499.9	5847.0	*6093.5*	5847.0
47.5°	6295.5	5935.1	5574.3	5480.1	5386.4	5909.6	6432.9	6941.7	7450.4	*7750.2*	7450.4
50°	6974.4	6650.3	6325.8	6307.7	6289.5	6986.5	7683.5	8340.2	8996.8	*9362.5*	8996.8
52.5°	7845.2	7489.2	7132.8	7147.3	7161.1	7989.0	8817.0	9611.0	10405.0	*10817.2*	10405.0
55°	8885.7	8439.2	7992.7	7990.2	7987.8	8939.0	9891.0	10866.5	11842.7	*12393.1*	11842.7
57.5°	9946.4	9528.2	9109.9	9010.5	8910.7	9905.6	10900.0	11977.3	13055.0	*13633.6*	13055.0
60°	10742.4	10512.1	10281.8	10122.6	9963.8	10985.3	12007.2	13120.0	14232.4	*14809.5*	14232.4
62.5°	10413.1	10824.8	11236.6	11224.9	11213.2	12315.9	13418.6	14575.9	15734.0	*16252.0*	15734.0
65°	*9301.9*	*9958.5*	*10615.1*	*11066.9*	*11518.2*	*12851.3*	*14183.9*	*15389.7*	*16595.5*	*17124.8*	*16595.5*
67.5°	8259.4	8838.0	9417.0	9786.8	10156.5	11658.5	13160.8	14529.0	15897.2	*16441.9*	15897.2
70°	7261.3	7902.1	8543.0	8807.3	9071.6	10347.6	11623.3	12705.8	13787.9	*14001.3*	13787.9
72.5°	6232.9	6995.0	7757.5	7869.4	7981.3	8909.9	9838.5	10415.1	10991.7	*10526.2*	10991.7
75°	5103.5	5963.4	6822.9	6897.6	6972.4	7261.7	7551.4	7698.1	7845.2	*7580.5*	7845.2
77.5°	3394.3	4138.6	4883.3	5051.0	5218.7	5411.4	5604.6	5594.5	5584.4	*5212.6*	5584.4
80°	1992.1	2574.4	3156.7	3178.5	3200.3	3345.0	3489.2	3636.7	3784.2	*3547.8*	3784.2
82.5°	996.1	1315.7	1635.7	1685.0	1734.3	1822.8	1911.3	1952.5	1994.1	*1794.1*	1994.1
85°	226.3	309.5	392.8	473.2	553.6	646.5	739.5	729.0	718.5	*606.1*	718.5
87.5°	18.2	18.6	19.4	19.8	20.2	20.6	21.0	22.2	23.4	*24.2*	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

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2909.0	2902.1	2895.6	2889.2	2877.8	2866.9	2856.8	2846.7	2820.9	2795.4	2772.0
5°	3253.2	3239.9	3216.5	3193.0	3162.3	3131.6	3086.3	3040.7	2995.0	2949.8	2902.1
7.5°	3515.9	3498.5	3468.6	3438.7	3391.8	3345.0	3290.8	3236.7	3159.9	3083.1	3010.8
10°	3647.2	3633.5	3606.0	3578.1	3532.4	3487.2	3423.3	3359.9	3268.2	3176.1	3086.3
12.5°	3656.1	3649.6	3632.3	3614.5	3579.7	3544.6	3483.6	3422.5	3331.2	3239.9	3139.3
15°	3524.0	3536.5	3545.4	3553.9	3539.3	3524.4	3488.8	3452.8	3360.3	3268.2	3166.0
17.5°	3299.3	3335.7	3384.2	3432.6	3459.3	3486.4	3473.5	3460.9	3374.5	3288.4	3179.3
20°	3060.5	3121.5	3212.4	3303.3	3374.9	3446.8	3467.0	3487.2	3399.9	3312.6	3195.4
22.5°	2841.1	2911.4	3035.4	3159.9	3280.7	3401.5	3458.5	3515.5	3435.5	3355.9	3227.0
25°	2669.3	2745.7	2891.6	3037.9	3200.7	3363.9	3462.1	3559.9	3490.8	3421.7	3281.1
27.5°	2531.5	2604.3	2763.1	2921.5	3123.5	3325.6	3475.1	3624.6	3571.6	3518.7	3360.3
30°	2432.1	2503.3	2668.9	2834.6	3076.6	3318.3	3517.1	3715.5	3673.9	3632.7	3454.1
32.5°	2378.4	2446.7	2615.2	2784.1	3054.8	3325.6	3576.1	3826.6	3800.8	3774.9	3564.4
35°	2416.8	2466.9	2623.3	2780.1	3079.9	3380.1	3697.3	4014.5	3982.2	3949.9	3681.6
37.5°	2679.8	2679.8	2786.5	2893.2	3202.3	3511.4	3882.4	4252.9	4214.5	4176.1	3824.6
40°	3243.1	3175.2	3180.9	3187.4	3479.5	3772.1	4188.3	4604.5	4528.9	4452.9	3988.2
42.5°	4225.0	4028.7	3887.2	3745.8	3981.8	4217.8	4657.4	5097.4	4937.4	4777.0	4169.3
45°	5499.9	5152.8	4838.4	4523.7	4688.1	4853.0	5281.3	5709.6	5453.0	5196.4	4415.0
47.5°	6941.7	6432.9	5909.6	5386.4	5480.1	5574.3	5935.1	6295.5	5970.7	5645.8	4667.5
50°	8340.2	7683.5	6986.5	6289.5	6307.7	6325.8	6650.3	6974.4	6533.9	6093.5	4887.7
52.5°	9611.0	8817.0	7989.0	7161.1	7147.3	7132.8	7489.2	7845.2	7145.7	6445.9	4992.0
55°	10866.5	9891.0	8939.0	7987.8	7990.2	7992.7	8439.2	8885.7	7760.3	6635.0	4964.5
57.5°	11977.3	10900.0	9905.6	8910.7	9010.5	9109.9	9528.2	9946.4	8276.3	6606.7	4814.6
60°	13120.0	12007.2	10985.3	9963.8	10122.6	10281.8	10512.1	10742.4	8507.5	6272.1	4455.4
62.5°	14575.9	13418.6	12315.9	11213.2	11224.9	11236.6	10824.8	10413.1	7994.7	5576.3	3866.6
65°	*15389.7*	*14183.9*	*12851.3*	*11518.2*	*11066.9*	*10615.1*	*9958.5*	*9301.9*	*6895.6*	*4489.3*	*3033.0*
67.5°	14529.0	13160.8	11658.5	10156.5	9786.8	9417.0	8838.0	8259.4	5922.2	3585.0	2360.2
70°	12705.8	11623.3	10347.6	9071.6	8807.3	8543.0	7902.1	7261.3	5031.2	2801.1	1808.7
72.5°	10415.1	9838.5	8909.9	7981.3	7869.4	7757.5	6995.0	6232.9	4177.8	2122.2	1359.7
75°	7698.1	7551.4	7261.7	6972.4	6897.6	6822.9	5963.4	5103.5	3335.7	1567.8	1007.8
77.5°	5594.5	5604.6	5411.4	5218.7	5051.0	4883.3	4138.6	3394.3	2188.5	982.7	651.4
80°	3636.7	3489.2	3345.0	3200.3	3178.5	3156.7	2574.4	1992.1	1254.7	517.2	360.0
82.5°	1952.5	1911.3	1822.8	1734.3	1685.0	1635.7	1315.7	996.1	628.7	261.8	193.6
85°	729.0	739.5	646.5	553.6	473.2	392.8	309.5	226.3	149.5	72.7	61.4
87.5°	22.2	21.0	20.6	20.2	19.8	19.4	18.6	18.2	17.8	17.0	16.6
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2748.5	2725.1	2701.3	2678.6	2655.6	2632.6	2612.4	2590.5	2569.1	2552.2	2535.6
5°	2854.8	2808.3	2761.9	2717.8	2674.2	2628.5	2589.3	2550.5	2512.6	2481.0	2449.5
7.5°	2938.5	2873.8	2809.2	2751.4	2693.2	2632.6	2585.3	2538.0	2491.1	2450.3	2409.1
10°	2996.2	2916.6	2836.6	2770.0	2703.3	2638.6	2588.1	2538.4	2489.1	2447.1	2405.1
12.5°	3038.7	2949.4	2860.1	2786.5	2713.4	2642.7	2593.4	2552.2	2511.3	2481.8	2452.8
15°	3063.7	2967.5	2871.0	2788.1	2705.3	2626.5	2582.9	2556.2	2529.5	2527.1	2524.7
17.5°	3070.2	2960.3	2850.8	2754.2	2658.0	2565.9	2528.7	2525.1	2521.4	2561.5	2601.5
20°	3078.3	2949.4	2820.5	2693.6	2566.7	2444.7	2421.2	2444.3	2466.9	2545.3	2623.3
22.5°	3098.5	2940.9	2783.3	2624.1	2464.9	2319.4	2297.2	2331.1	2364.7	2466.9	2569.1
25°	3140.5	2940.1	2739.6	2541.2	2342.8	2176.0	2173.9	2210.7	2247.5	2342.0	2436.6
27.5°	3202.3	2947.7	2693.2	2456.4	2219.2	2048.7	2058.8	2093.9	2129.5	2199.8	2270.1
30°	3275.1	2964.3	2654.0	2382.4	2111.3	1945.6	1956.5	1984.0	2011.5	2062.4	2113.3
32.5°	3353.8	2982.9	2612.4	2317.8	2023.6	1870.9	1870.9	1882.6	1894.3	1927.5	1960.6
35°	3413.7	2978.5	2543.7	2244.2	1944.4	1826.4	1801.4	1791.7	1782.0	1803.8	1825.6
37.5°	3473.1	2965.9	2458.8	2162.6	1866.8	1773.9	1726.2	1700.4	1673.7	1684.2	1693.9
40°	3523.6	2937.6	2351.7	2065.2	1778.8	1705.2	1645.4	1606.6	1567.8	1567.0	1565.8
42.5°	3560.7	2888.8	2216.4	1949.3	1681.8	1630.5	1556.5	1507.2	1457.9	1452.7	1447.4
45°	3633.5	2855.2	2077.0	1831.3	1586.0	1539.5	1466.0	1415.1	1365.0	1356.9	1348.8
47.5°	3689.2	2816.0	1942.8	1714.1	1486.2	1432.5	1363.8	1320.5	1276.9	1272.0	1266.8
50°	3682.0	2749.3	1816.3	1609.8	1403.0	1329.4	1261.5	1226.0	1190.0	1196.1	1202.1
52.5°	3537.7	2612.8	1688.2	1516.1	1344.8	1250.6	1177.9	1151.2	1124.1	1143.1	1161.7
55°	3294.0	2431.7	1568.6	1437.7	1306.0	1212.2	1126.6	1096.7	1066.8	1093.4	1120.1
57.5°	3022.5	2242.2	1462.0	1371.4	1280.9	1202.1	1097.1	1055.0	1013.4	1040.1	1066.8
60°	2638.6	2002.6	1366.6	1303.2	1239.7	1177.9	1072.8	1020.3	967.8	985.5	1002.9
62.5°	2157.0	1698.7	1240.5	1205.0	1169.8	1143.5	1043.3	974.6	905.9	908.4	910.0
65°	*1576.7*	*1335.1*	*1093.0*	*1085.4*	*1078.1*	*1070.8*	*988.0*	*914.0*	*840.5*	*832.4*	*824.3*
67.5°	1135.5	1020.7	905.9	927.4	948.8	959.7	903.1	838.1	772.6	756.0	739.5
70°	816.2	775.8	735.4	767.3	799.3	796.0	768.6	729.8	691.0	680.5	670.0
72.5°	597.2	596.4	596.0	620.3	644.5	612.2	629.6	620.7	612.2	604.5	597.2
75°	447.7	444.9	442.5	471.2	500.2	513.2	524.5	519.6	515.2	509.5	504.3
77.5°	320.0	322.5	324.1	355.6	387.1	424.3	426.3	415.8	404.9	399.2	392.8
80°	202.8	205.3	206.9	240.0	272.8	325.3	323.3	310.3	297.0	292.6	287.7
82.5°	125.3	125.7	126.1	142.2	158.4	187.9	196.0	196.0	196.0	193.1	189.9
85°	50.5	52.9	55.8	66.3	76.8	92.9	97.8	98.6	99.0	94.6	89.7
87.5°	16.2	17.0	18.2	20.2	22.2	24.2	28.3	30.7	33.1	35.6	37.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1364971
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2521.0	2506.1	2488.7	2470.9	2458.4	2445.5	2437.0	2428.5	2424.5	2420.4	2417.2
5°	2423.7	2397.0	2373.6	2349.7	2331.1	2312.1	2296.8	2281.0	2274.6	2267.7	2263.2
7.5°	2374.4	2339.6	2310.5	2281.0	2253.1	2225.7	2207.9	2190.1	2179.6	2169.1	2161.4
10°	2368.3	2331.5	2293.1	2254.8	2224.0	2193.3	2166.7	2140.8	2125.9	2111.3	2103.2
12.5°	2418.8	2384.9	2339.2	2293.1	2251.5	2210.3	2177.6	2144.8	2126.3	2108.5	2096.4
15°	2513.0	2501.2	2458.8	2416.4	2359.0	2301.2	2254.4	2207.1	2181.2	2154.5	2139.6
17.5°	2624.5	2647.5	2618.0	2588.1	2507.3	2426.5	2356.6	2287.1	2249.1	2211.1	2197.8
20°	2685.5	2747.7	2744.5	2741.7	2636.2	2530.3	2438.6	2346.9	2296.0	2245.9	2225.7
22.5°	2658.8	2748.5	2771.6	2794.2	2690.8	2586.9	2473.8	2360.6	2300.8	2240.6	2221.6
25°	2533.2	2629.7	2672.6	2715.4	2630.1	2544.9	2435.0	2325.5	2262.4	2199.0	2179.6
27.5°	2347.7	2425.3	2473.4	2521.4	2469.3	2417.2	2328.3	2239.4	2183.6	2127.5	2106.9
30°	2165.9	2218.4	2256.8	2295.2	2260.8	2226.5	2162.6	2099.2	2057.6	2016.3	2003.4
32.5°	1999.8	2038.6	2060.0	2081.0	2054.3	2027.7	1985.6	1943.6	1917.8	1891.9	1883.4
35°	1857.1	1889.1	1905.2	1921.4	1899.2	1876.9	1839.4	1802.2	1783.6	1765.0	1758.1
37.5°	1721.0	1747.6	1770.7	1794.1	1777.9	1761.8	1729.9	1697.9	1676.1	1653.5	1641.4
40°	1591.7	1617.1	1646.2	1674.9	1672.1	1668.8	1638.5	1608.2	1576.7	1545.6	1529.0
42.5°	1472.9	1498.3	1529.0	1559.7	1565.8	1571.9	1546.8	1521.4	1485.0	1448.6	1423.2
45°	1370.6	1393.3	1426.8	1460.7	1474.9	1489.0	1466.4	1443.4	1402.6	1361.7	1331.4
47.5°	1289.8	1313.3	1350.4	1388.0	1403.0	1418.3	1403.0	1388.0	1352.9	1317.3	1290.6
50°	1227.6	1252.6	1281.7	1311.2	1339.1	1366.6	1363.8	1360.9	1333.1	1305.2	1280.1
52.5°	1184.8	1208.2	1238.5	1268.8	1297.9	1327.4	1331.8	1336.7	1316.5	1296.3	1274.5
55°	1148.0	1175.9	1204.2	1232.4	1259.9	1287.0	1293.0	1299.1	1284.6	1269.6	1253.4
57.5°	1097.1	1127.4	1155.7	1183.9	1215.9	1247.8	1252.6	1257.5	1242.1	1226.4	1214.3
60°	1034.0	1064.7	1094.2	1123.3	1155.7	1188.0	1194.5	1200.9	1188.8	1176.7	1165.4
62.5°	945.1	979.9	1004.1	1028.4	1059.1	1090.2	1099.5	1109.2	1103.5	1098.3	1085.4
65°	*857.5*	*891.0*	*910.0*	*929.4*	*956.0*	*982.7*	*992.0*	*1001.3*	*998.5*	*996.1*	*986.8*
67.5°	770.2	800.9	816.6	832.4	850.6	868.8	879.3	889.8	884.5	878.9	869.2
70°	695.0	720.1	733.8	747.5	762.1	776.6	782.3	788.0	779.9	771.8	750.0
72.5°	616.2	635.2	646.9	658.6	672.4	686.1	689.4	693.0	680.5	667.5	642.1
75°	518.8	533.4	542.3	551.6	565.7	579.9	585.9	592.0	574.2	556.8	529.7
77.5°	406.1	419.4	427.9	436.4	448.1	459.8	461.5	463.9	448.5	433.2	417.0
80°	297.4	307.1	310.3	313.2	322.9	332.2	332.2	332.2	320.8	309.1	301.0
82.5°	187.9	185.9	181.8	177.8	187.5	197.2	200.4	204.1	198.8	194.0	185.1
85°	84.0	77.6	76.4	74.8	74.4	73.5	76.4	78.8	77.6	76.8	73.5
87.5°	39.6	41.2	40.0	38.4	36.8	35.6	32.3	29.1	26.7	24.2	22.6
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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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2414.4	2412.3	2414.4	2417.2	2420.4	2424.5	2428.5	2437.0	2445.5	2458.4	2470.9
5°	2258.8	2254.8	2258.8	2263.2	2267.7	2274.6	2281.0	2296.8	2312.1	2331.1	2349.7
7.5°	2153.7	2149.7	2153.7	2161.4	2169.1	2179.6	2190.1	2207.9	2225.7	2253.1	2281.0
10°	2095.1	2089.1	2095.1	2103.2	2111.3	2125.9	2140.8	2166.7	2193.3	2224.0	2254.8
12.5°	2084.2	2077.0	2084.2	2096.4	2108.5	2126.3	2144.8	2177.6	2210.3	2251.5	2293.1
15°	2124.6	2113.3	2124.6	2139.6	2154.5	2181.2	2207.1	2254.4	2301.2	2359.0	2416.4
17.5°	2184.0	2178.0	2184.0	2197.8	2211.1	2249.1	2287.1	2356.6	2426.5	2507.3	2588.1
20°	2205.5	2198.2	2205.5	2225.7	2245.9	2296.0	2346.9	2438.6	2530.3	2636.2	2741.7
22.5°	2202.2	2194.1	2202.2	2221.6	2240.6	2300.8	2360.6	2473.8	2586.9	2690.8	2794.2
25°	2159.8	2153.7	2159.8	2179.6	2199.0	2262.4	2325.5	2435.0	2544.9	2630.1	2715.4
27.5°	2085.9	2072.9	2085.9	2106.9	2127.5	2183.6	2239.4	2328.3	2417.2	2469.3	2521.4
30°	1990.1	1984.0	1990.1	2003.4	2016.3	2057.6	2099.2	2162.6	2226.5	2260.8	2295.2
32.5°	1874.9	1870.9	1874.9	1883.4	1891.9	1917.8	1943.6	1985.6	2027.7	2054.3	2081.0
35°	1751.7	1745.6	1751.7	1758.1	1765.0	1783.6	1802.2	1839.4	1876.9	1899.2	1921.4
37.5°	1629.2	1620.4	1629.2	1641.4	1653.5	1676.1	1697.9	1729.9	1761.8	1777.9	1794.1
40°	1512.1	1503.2	1512.1	1529.0	1545.6	1576.7	1608.2	1638.5	1668.8	1672.1	1674.9
42.5°	1398.1	1381.9	1398.1	1423.2	1448.6	1485.0	1521.4	1546.8	1571.9	1565.8	1559.7
45°	1301.1	1280.9	1301.1	1331.4	1361.7	1402.6	1443.4	1466.4	1489.0	1474.9	1460.7
47.5°	1264.0	1244.6	1264.0	1290.6	1317.3	1352.9	1388.0	1403.0	1418.3	1403.0	1388.0
50°	1254.7	1236.5	1254.7	1280.1	1305.2	1333.1	1360.9	1363.8	1366.6	1339.1	1311.2
52.5°	1252.6	1236.5	1252.6	1274.5	1296.3	1316.5	1336.7	1331.8	1327.4	1297.9	1268.8
55°	1237.3	1224.4	1237.3	1253.4	1269.6	1284.6	1299.1	1293.0	1287.0	1259.9	1232.4
57.5°	1202.1	1196.1	1202.1	1214.3	1226.4	1242.1	1257.5	1252.6	1247.8	1215.9	1183.9
60°	1153.6	1143.5	1153.6	1165.4	1176.7	1188.8	1200.9	1194.5	1188.0	1155.7	1123.3
62.5°	1072.8	1058.7	1072.8	1085.4	1098.3	1103.5	1109.2	1099.5	1090.2	1059.1	1028.4
65°	*977.9*	*961.7*	*977.9*	*986.8*	*996.1*	*998.5*	*1001.3*	*992.0*	*982.7*	*956.0*	*929.4*
67.5°	859.9	856.6	859.9	869.2	878.9	884.5	889.8	879.3	868.8	850.6	832.4
70°	728.1	703.1	728.1	750.0	771.8	779.9	788.0	782.3	776.6	762.1	747.5
72.5°	616.2	590.0	616.2	642.1	667.5	680.5	693.0	689.4	686.1	672.4	658.6
75°	503.1	484.9	503.1	529.7	556.8	574.2	592.0	585.9	579.9	565.7	551.6
77.5°	400.8	392.0	400.8	417.0	433.2	448.5	463.9	461.5	459.8	448.1	436.4
80°	293.0	286.9	293.0	301.0	309.1	320.8	332.2	332.2	332.2	322.9	313.2
82.5°	175.8	169.7	175.8	185.1	194.0	198.8	204.1	200.4	197.2	187.5	177.8
85°	70.7	68.7	70.7	73.5	76.8	77.6	78.8	76.4	73.5	74.4	74.8
87.5°	21.0	20.2	21.0	22.6	24.2	26.7	29.1	32.3	35.6	36.8	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

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2488.7	2506.1	2521.0	2535.6	2552.2	2569.1	2590.5	2612.4	2632.6	2655.6	2678.6
5°	2373.6	2397.0	2423.7	2449.5	2481.0	2512.6	2550.5	2589.3	2628.5	2674.2	2717.8
7.5°	2310.5	2339.6	2374.4	2409.1	2450.3	2491.1	2538.0	2585.3	2632.6	2693.2	2751.4
10°	2293.1	2331.5	2368.3	2405.1	2447.1	2489.1	2538.4	2588.1	2638.6	2703.3	2770.0
12.5°	2339.2	2384.9	2418.8	2452.8	2481.8	2511.3	2552.2	2593.4	2642.7	2713.4	2786.5
15°	2458.8	2501.2	2513.0	2524.7	2527.1	2529.5	2556.2	2582.9	2626.5	2705.3	2788.1
17.5°	2618.0	2647.5	2624.5	2601.5	2561.5	2521.4	2525.1	2528.7	2565.9	2658.0	2754.2
20°	2744.5	2747.7	2685.5	2623.3	2545.3	2466.9	2444.3	2421.2	2444.7	2566.7	2693.6
22.5°	2771.6	2748.5	2658.8	2569.1	2466.9	2364.7	2331.1	2297.2	2319.4	2464.9	2624.1
25°	2672.6	2629.7	2533.2	2436.6	2342.0	2247.5	2210.7	2173.9	2176.0	2342.8	2541.2
27.5°	2473.4	2425.3	2347.7	2270.1	2199.8	2129.5	2093.9	2058.8	2048.7	2219.2	2456.4
30°	2256.8	2218.4	2165.9	2113.3	2062.4	2011.5	1984.0	1956.5	1945.6	2111.3	2382.4
32.5°	2060.0	2038.6	1999.8	1960.6	1927.5	1894.3	1882.6	1870.9	1870.9	2023.6	2317.8
35°	1905.2	1889.1	1857.1	1825.6	1803.8	1782.0	1791.7	1801.4	1826.4	1944.4	2244.2
37.5°	1770.7	1747.6	1721.0	1693.9	1684.2	1673.7	1700.4	1726.2	1773.9	1866.8	2162.6
40°	1646.2	1617.1	1591.7	1565.8	1567.0	1567.8	1606.6	1645.4	1705.2	1778.8	2065.2
42.5°	1529.0	1498.3	1472.9	1447.4	1452.7	1457.9	1507.2	1556.5	1630.5	1681.8	1949.3
45°	1426.8	1393.3	1370.6	1348.8	1356.9	1365.0	1415.1	1466.0	1539.5	1586.0	1831.3
47.5°	1350.4	1313.3	1289.8	1266.8	1272.0	1276.9	1320.5	1363.8	1432.5	1486.2	1714.1
50°	1281.7	1252.6	1227.6	1202.1	1196.1	1190.0	1226.0	1261.5	1329.4	1403.0	1609.8
52.5°	1238.5	1208.2	1184.8	1161.7	1143.1	1124.1	1151.2	1177.9	1250.6	1344.8	1516.1
55°	1204.2	1175.9	1148.0	1120.1	1093.4	1066.8	1096.7	1126.6	1212.2	1306.0	1437.7
57.5°	1155.7	1127.4	1097.1	1066.8	1040.1	1013.4	1055.0	1097.1	1202.1	1280.9	1371.4
60°	1094.2	1064.7	1034.0	1002.9	985.5	967.8	1020.3	1072.8	1177.9	1239.7	1303.2
62.5°	1004.1	979.9	945.1	910.0	908.4	905.9	974.6	1043.3	1143.5	1169.8	1205.0
65°	*910.0*	*891.0*	*857.5*	*824.3*	*832.4*	*840.5*	*914.0*	*988.0*	*1070.8*	*1078.1*	*1085.4*
67.5°	816.6	800.9	770.2	739.5	756.0	772.6	838.1	903.1	959.7	948.8	927.4
70°	733.8	720.1	695.0	670.0	680.5	691.0	729.8	768.6	796.0	799.3	767.3
72.5°	646.9	635.2	616.2	597.2	604.5	612.2	620.7	629.6	612.2	644.5	620.3
75°	542.3	533.4	518.8	504.3	509.5	515.2	519.6	524.5	513.2	500.2	471.2
77.5°	427.9	419.4	406.1	392.8	399.2	404.9	415.8	426.3	424.3	387.1	355.6
80°	310.3	307.1	297.4	287.7	292.6	297.0	310.3	323.3	325.3	272.8	240.0
82.5°	181.8	185.9	187.9	189.9	193.1	196.0	196.0	196.0	187.9	158.4	142.2
85°	76.4	77.6	84.0	89.7	94.6	99.0	98.6	97.8	92.9	76.8	66.3
87.5°	40.0	41.2	39.6	37.2	35.6	33.1	30.7	28.3	24.2	22.2	20.2
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):

	330°	335°	340°	345°	350°	355°	360°
0°	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6	2634.6
2.5°	2701.3	2725.1	2748.5	2772.0	2795.4	2820.9	2846.7
5°	2761.9	2808.3	2854.8	2902.1	2949.8	2995.0	3040.7
7.5°	2809.2	2873.8	2938.5	3010.8	3083.1	3159.9	3236.7
10°	2836.6	2916.6	2996.2	3086.3	3176.1	3268.2	3359.9
12.5°	2860.1	2949.4	3038.7	3139.3	3239.9	3331.2	3422.5
15°	2871.0	2967.5	3063.7	3166.0	3268.2	3360.3	3452.8
17.5°	2850.8	2960.3	3070.2	3179.3	3288.4	3374.5	3460.9
20°	2820.5	2949.4	3078.3	3195.4	3312.6	3399.9	3487.2
22.5°	2783.3	2940.9	3098.5	3227.0	3355.9	3435.5	3515.5
25°	2739.6	2940.1	3140.5	3281.1	3421.7	3490.8	3559.9
27.5°	2693.2	2947.7	3202.3	3360.3	3518.7	3571.6	3624.6
30°	2654.0	2964.3	3275.1	3454.1	3632.7	3673.9	3715.5
32.5°	2612.4	2982.9	3353.8	3564.4	3774.9	3800.8	3826.6
35°	2543.7	2978.5	3413.7	3681.6	3949.9	3982.2	4014.5
37.5°	2458.8	2965.9	3473.1	3824.6	4176.1	4214.5	4252.9
40°	2351.7	2937.6	3523.6	3988.2	4452.9	4528.9	4604.5
42.5°	2216.4	2888.8	3560.7	4169.3	4777.0	4937.4	5097.4
45°	2077.0	2855.2	3633.5	4415.0	5196.4	5453.0	5709.6
47.5°	1942.8	2816.0	3689.2	4667.5	5645.8	5970.7	6295.5
50°	1816.3	2749.3	3682.0	4887.7	6093.5	6533.9	6974.4
52.5°	1688.2	2612.8	3537.7	4992.0	6445.9	7145.7	7845.2
55°	1568.6	2431.7	3294.0	4964.5	6635.0	7760.3	8885.7
57.5°	1462.0	2242.2	3022.5	4814.6	6606.7	8276.3	9946.4
60°	1366.6	2002.6	2638.6	4455.4	6272.1	8507.5	10742.4
62.5°	1240.5	1698.7	2157.0	3866.6	5576.3	7994.7	10413.1
65°	*1093.0*	*1335.1*	*1576.7*	*3033.0*	*4489.3*	*6895.6*	*9301.9*
67.5°	905.9	1020.7	1135.5	2360.2	3585.0	5922.2	8259.4
70°	735.4	775.8	816.2	1808.7	2801.1	5031.2	7261.3
72.5°	596.0	596.4	597.2	1359.7	2122.2	4177.8	6232.9
75°	442.5	444.9	447.7	1007.8	1567.8	3335.7	5103.5
77.5°	324.1	322.5	320.0	651.4	982.7	2188.5	3394.3
80°	206.9	205.3	202.8	360.0	517.2	1254.7	1992.1
82.5°	126.1	125.7	125.3	193.6	261.8	628.7	996.1
85°	55.8	52.9	50.5	61.4	72.7	149.5	226.3
87.5°	18.2	17.0	16.2	16.6	17.0	17.8	18.2
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

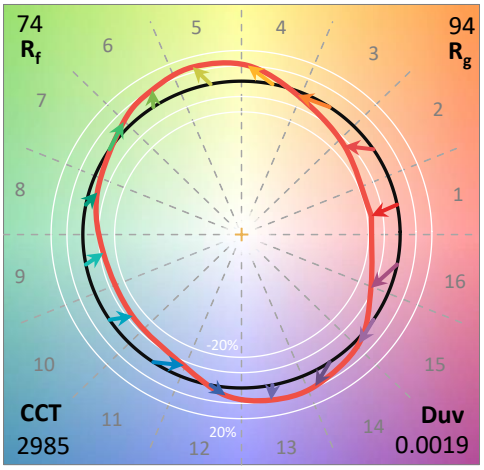
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



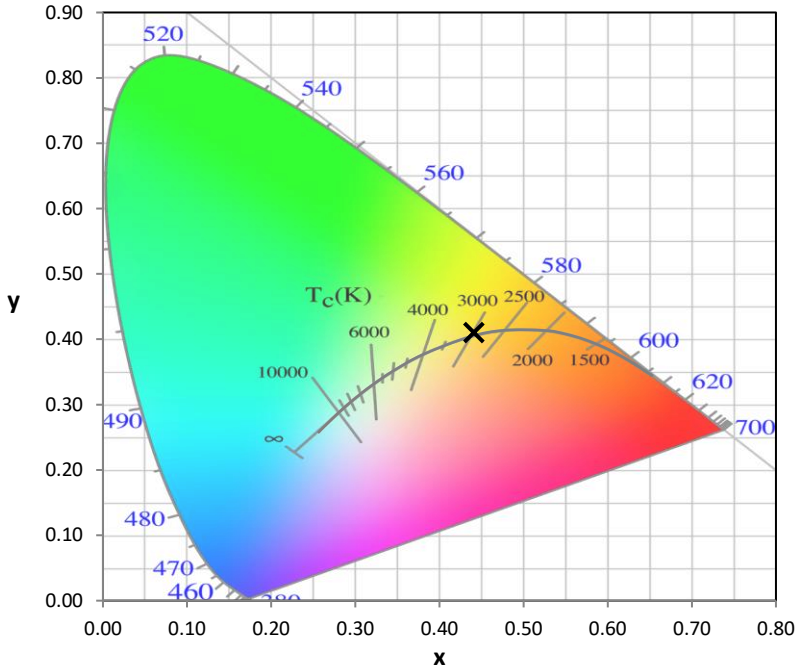
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

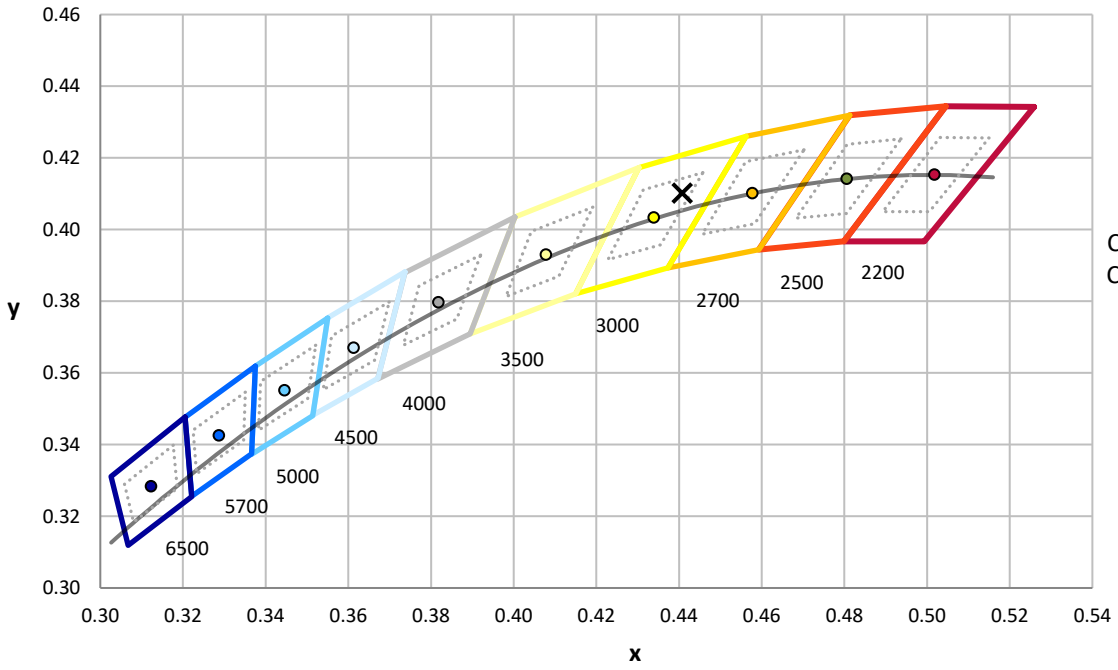
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

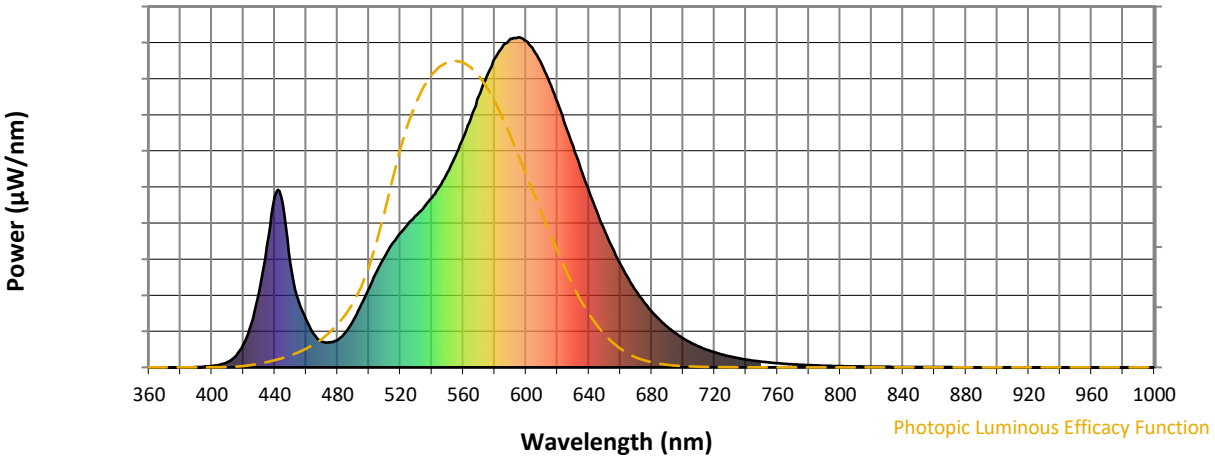


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

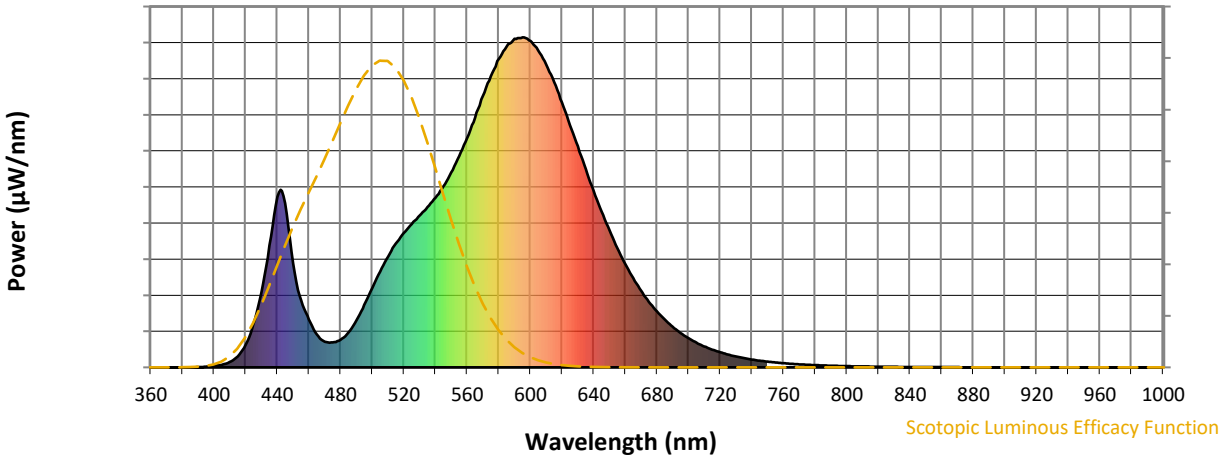


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

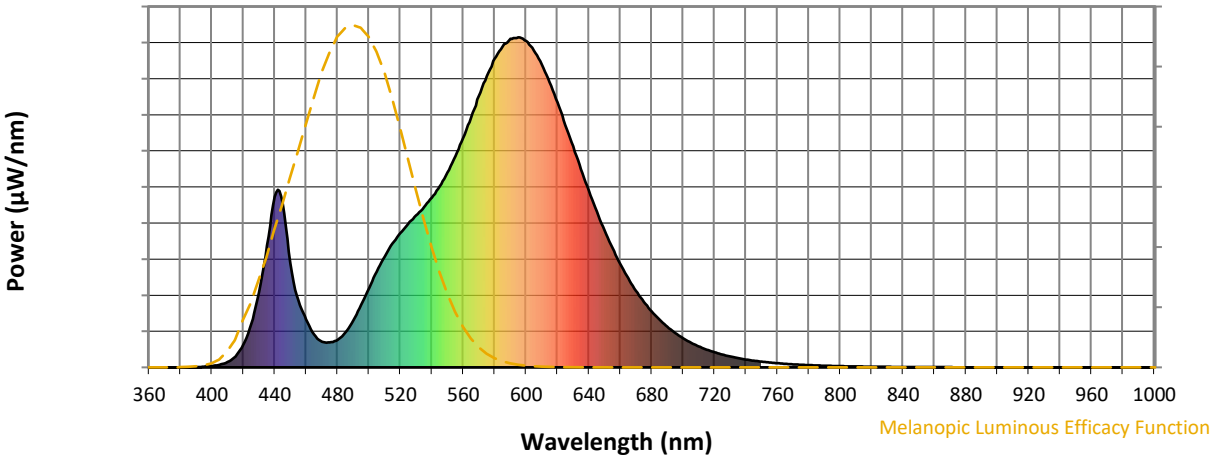


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

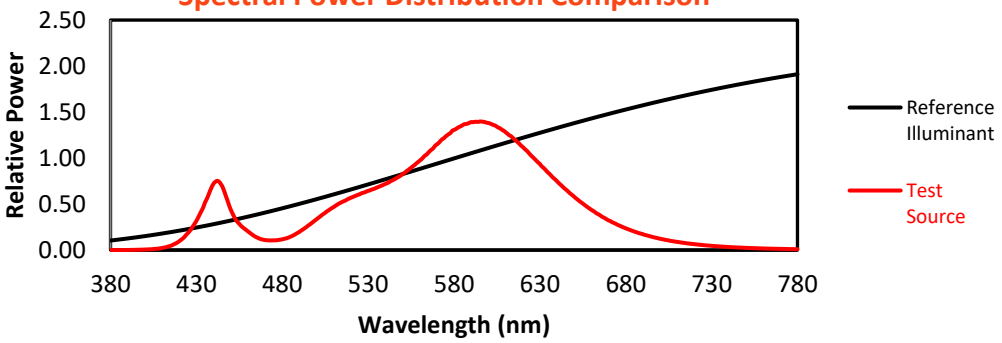
REPORT NUMBER: SP1-2407-184-4

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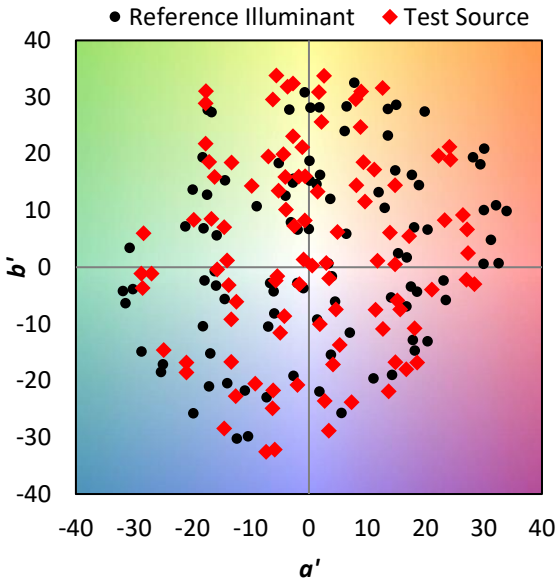
Summary

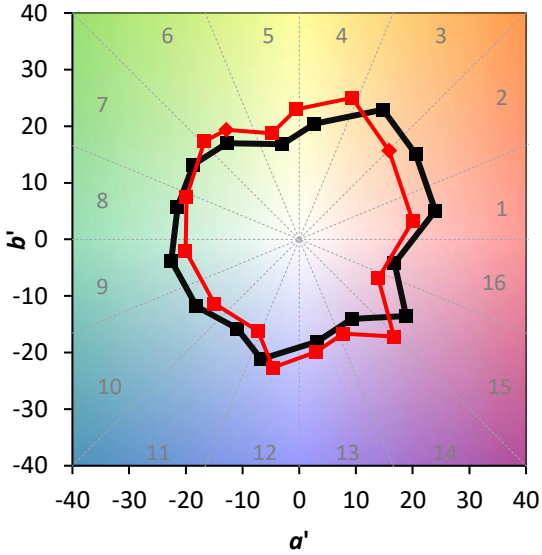
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

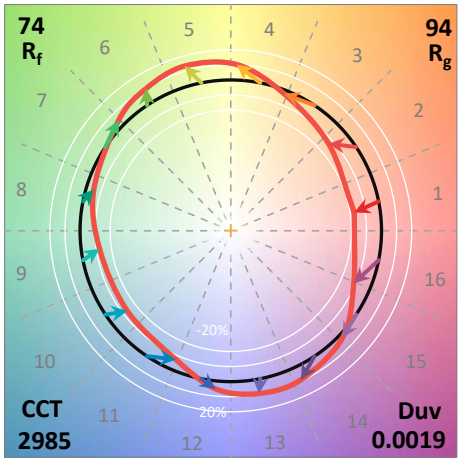
Spectral Power Distribution Comparison

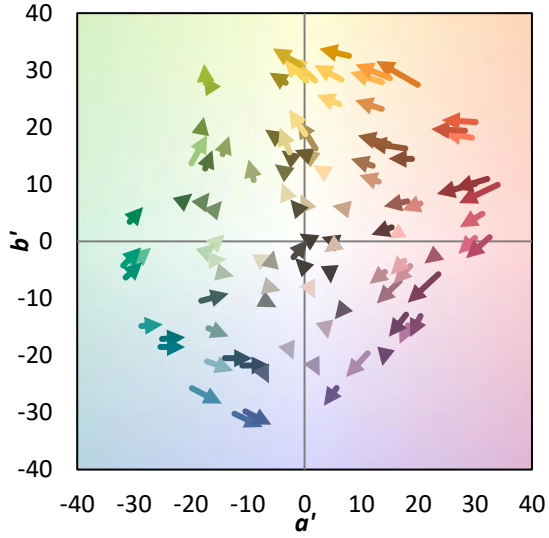


Color Vector Graphics







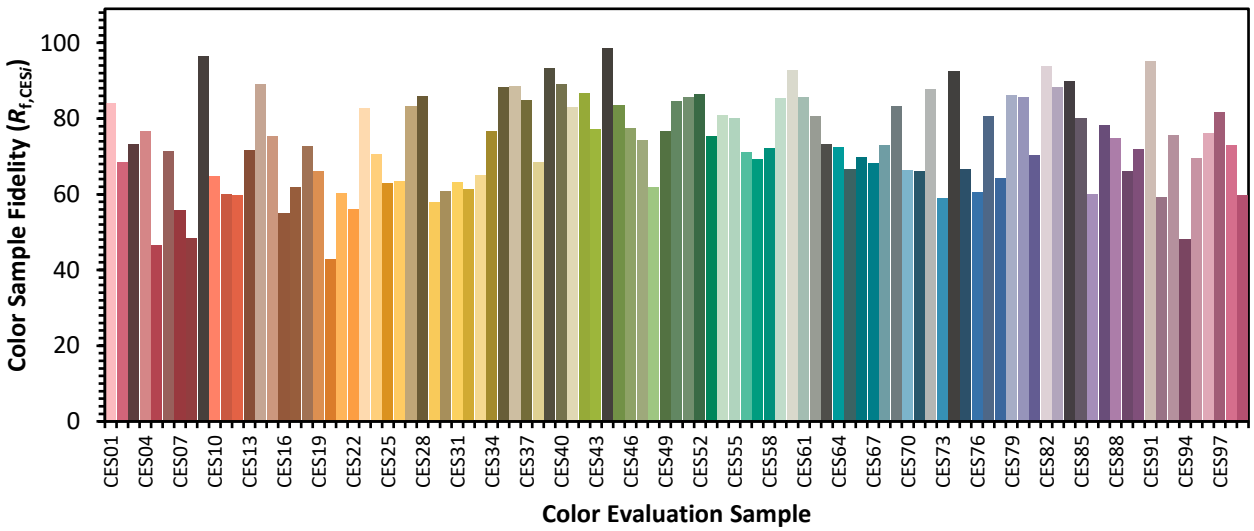


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Individual Sample Fidelity Index ($R_{f,i}$)

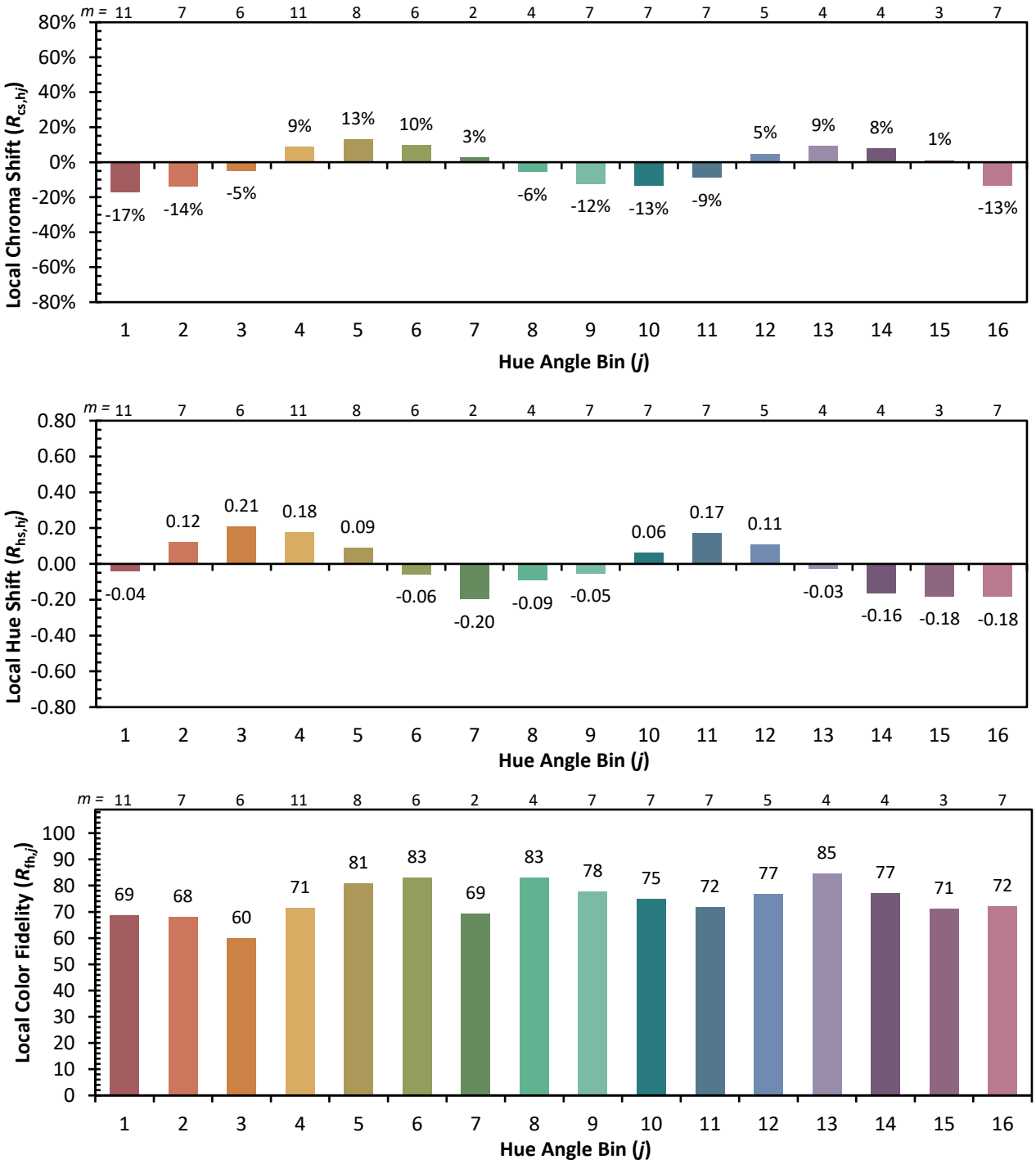
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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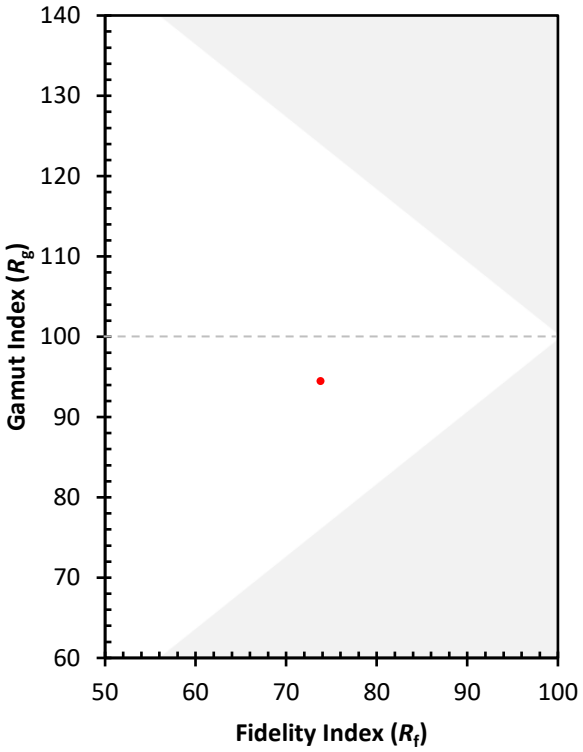
Color Rendition by Hue-Angle Bin

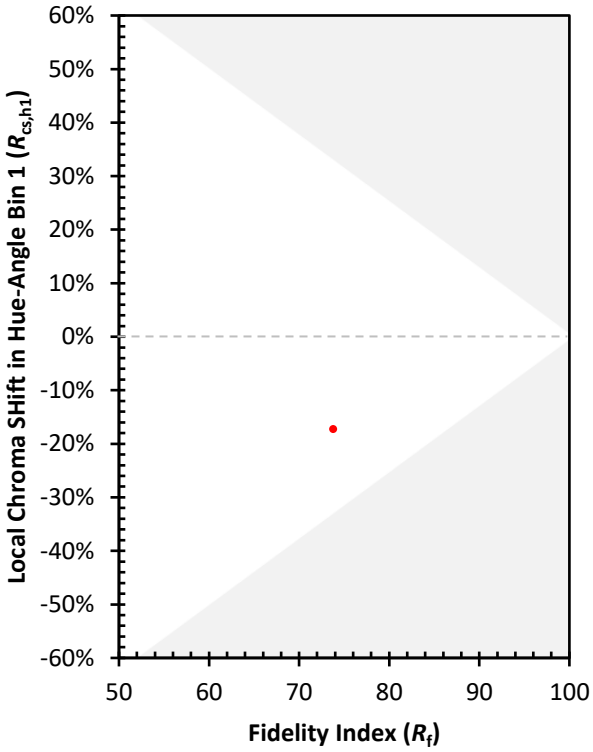


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TM-30-18

Measure Comparisons





(END OF REPORT)