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: P1364942

Luminaire Tested: **GSS-SB2D-727-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:	P1364942
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(52) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16720.4 lumens
Efficiency:	N/A
Efficacy:	113.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

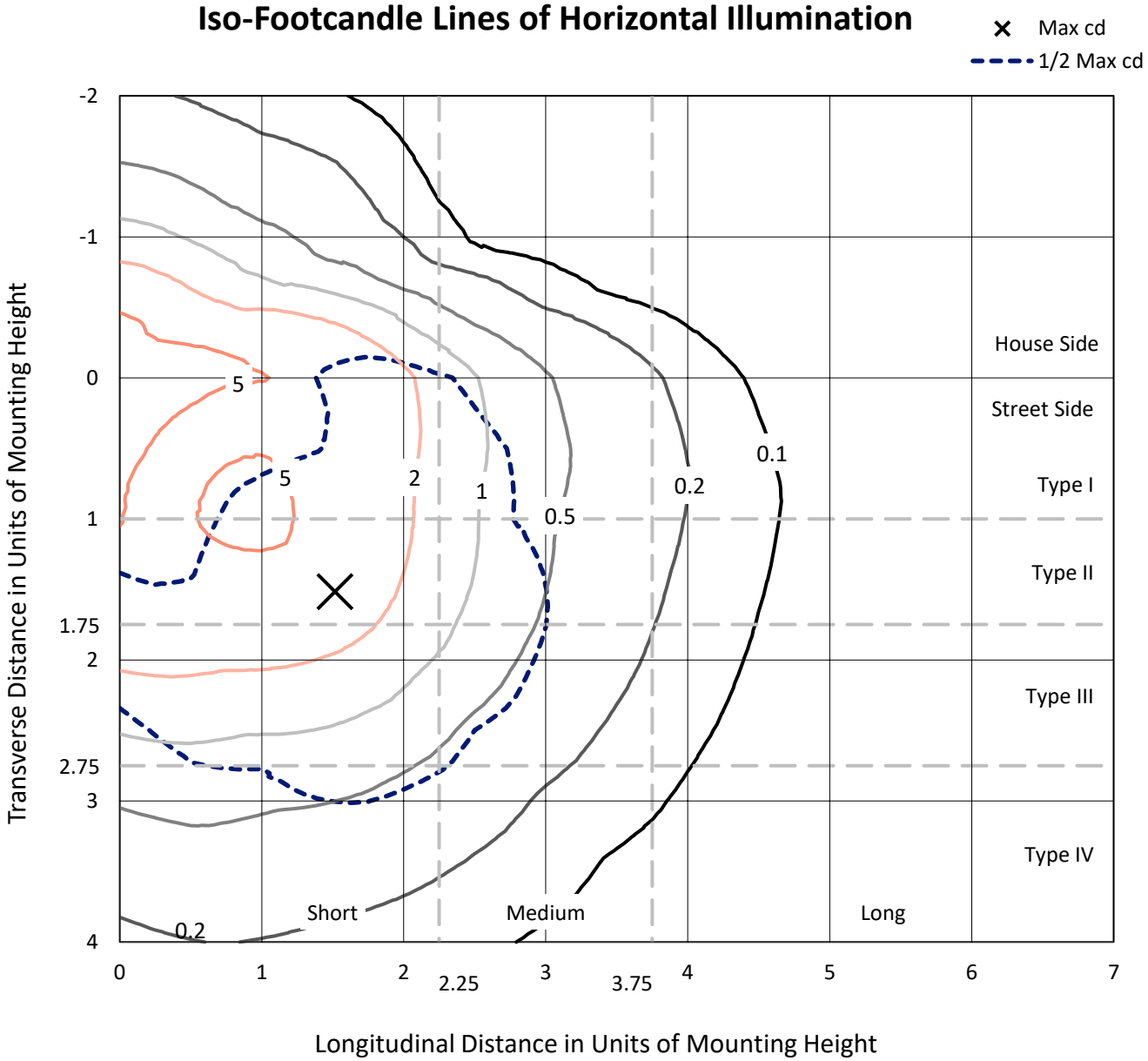
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



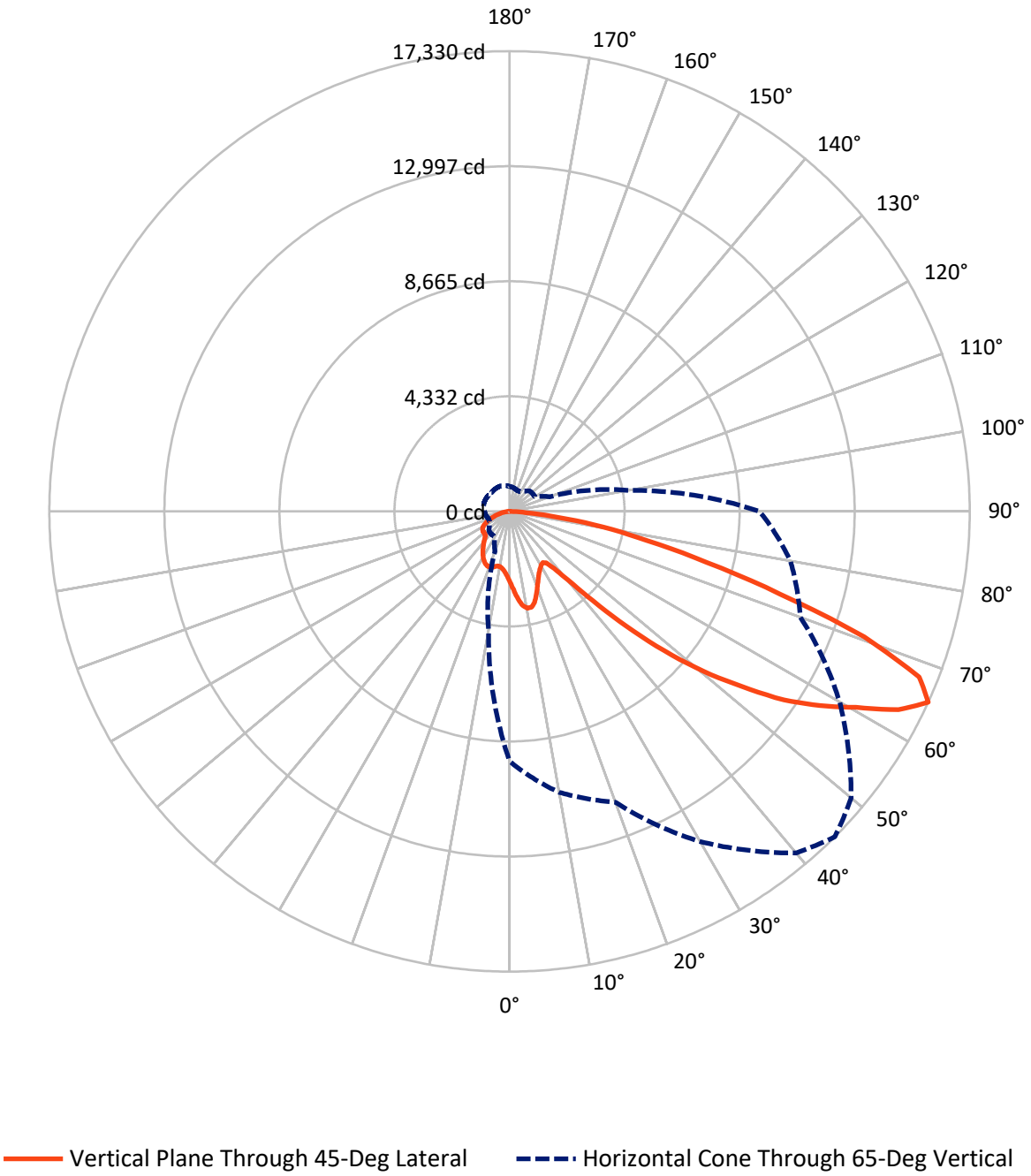
Based on 20 foot mounting height. Maximum calculated value = 8.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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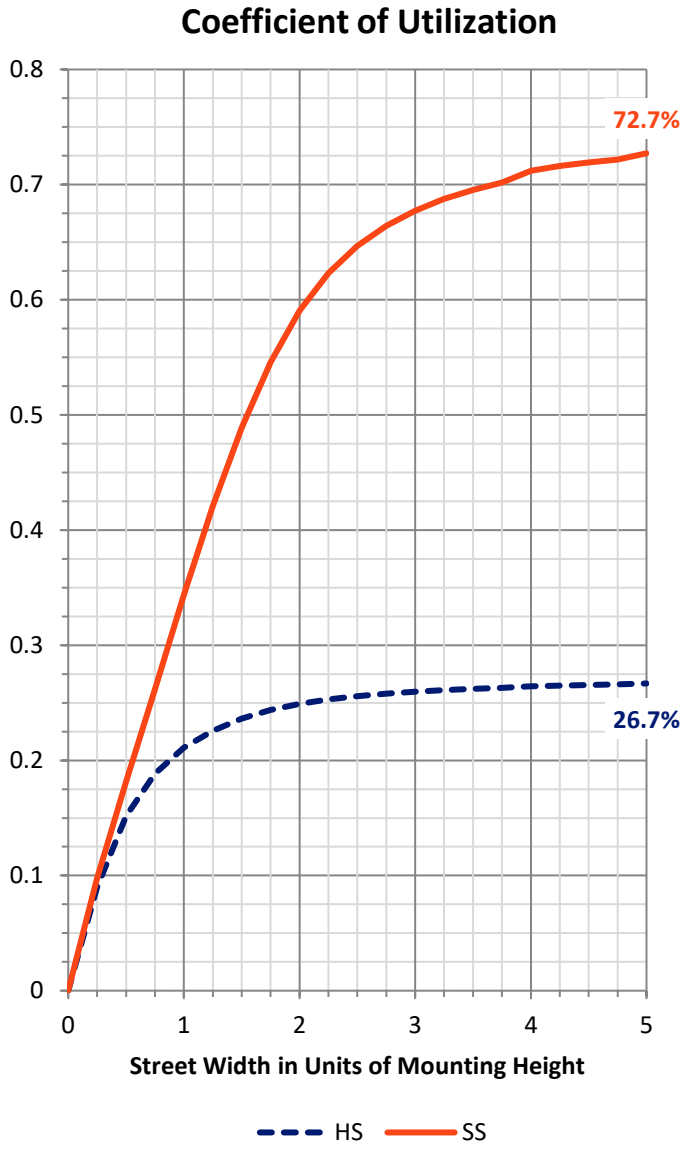
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4498.1	0.0	4498.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	12222.2	0.0	12222.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	16720.4	0.0	16720.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.3	1.6
10°-20°	806.7	4.8
20°-30°	1248.6	7.5
30°-40°	1549.1	9.3
40°-50°	2265.2	13.5
50°-60°	3548.2	21.2
60°-70°	4210.2	25.2
70°-80°	2455.6	14.7
80°-90°	373.6	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16720.4	100.0
0°-180°	16720.4	100.0



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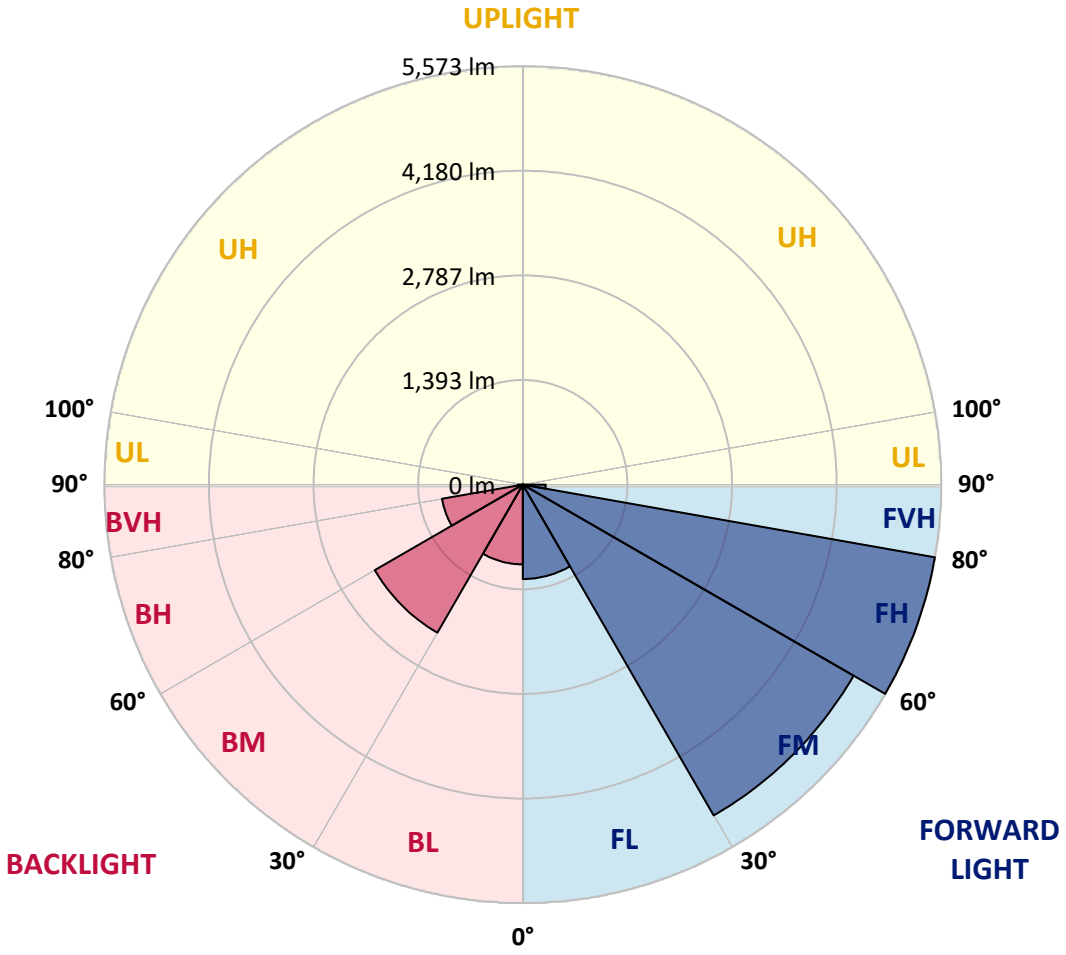
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1256.7	7.5			
FM	(30°-60°)	5086.7	30.4			
FH	(60°-80°)	5573.3	33.3			G3/7500
FVH	(80°-90°)	305.5	1.8			G3/500
BL	(0°-30°)	1061.9	6.4	B3/2500		
BM	(30°-60°)	2275.8	13.6	B2/2500		
BH	(60°-80°)	1092.4	6.5	B3/2500		G3/2500
BVH	(80°-90°)	68.0	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°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	*2666.1*	2666.1
2.5°	2880.8	2891.0	2901.2	2912.3	2923.7	2930.2	2936.8	2943.7	2950.3	*2956.4*	2950.3
5°	3077.0	3123.3	3169.0	3200.1	3231.2	3254.9	3278.6	3292.1	3306.0	*3308.1*	3306.0
7.5°	3275.4	3330.2	3385.0	3432.4	3479.8	3510.1	3540.3	3557.9	3575.9	*3582.0*	3575.9
10°	3400.1	3464.3	3528.9	3574.7	3620.9	3649.1	3676.9	3690.8	3704.7	*3708.8*	3704.7
12.5°	3463.5	3525.2	3587.0	3622.5	3657.7	3675.7	3693.3	3699.8	3705.5	*3700.6*	3705.5
15°	3494.1	3530.5	3566.5	3581.6	3596.4	3587.8	3578.8	3566.1	3553.4	*3545.2*	3553.4
17.5°	3502.3	3515.0	3528.1	3500.7	3473.7	3424.6	3375.5	3338.7	3301.9	*3275.4*	3301.9
20°	3528.9	3508.4	3488.0	3415.2	3342.8	3250.8	3158.8	3097.1	3034.9	*2997.3*	3034.9
22.5°	3557.5	3499.9	3442.2	3319.9	3197.7	3071.7	2946.2	2875.0	2804.3	*2764.2*	2804.3
25°	3602.5	3503.5	3404.2	3239.0	3074.2	2926.2	2778.5	2701.3	2624.4	*2580.2*	2624.4
27.5°	3667.9	3516.6	3365.3	3160.9	2956.4	2796.1	2635.4	2561.8	2488.2	*2449.4*	2488.2
30°	3759.9	3559.1	3358.0	3113.4	2868.5	2700.8	2533.2	2461.2	2388.9	*2347.1*	2388.9
32.5°	3872.4	3618.9	3365.3	3091.4	2817.4	2646.5	2475.9	2406.8	2338.1	*2302.2*	2338.1
35°	4062.5	3741.5	3420.5	3116.7	2813.3	2654.6	2496.4	2445.7	2395.4	*2375.8*	2395.4
37.5°	4303.8	3928.8	3553.4	3240.6	2927.8	2819.8	2711.9	2711.9	2711.9	*2727.4*	2711.9
40°	4659.5	4238.3	3817.2	3521.1	3225.5	3218.9	3213.2	3281.9	3351.0	*3381.7*	3351.0
42.5°	5158.4	4713.1	4268.2	4029.4	3790.6	3933.7	4076.8	4275.6	4474.3	*4604.3*	4474.3
45°	5777.9	5344.4	4911.0	4744.2	4577.7	4896.3	5214.4	5565.7	5916.9	*6166.4*	5916.9
47.5°	6370.8	6006.1	5640.9	5545.6	5450.8	5980.3	6509.8	7024.7	7539.5	*7842.9*	7539.5
50°	7057.8	6729.8	6401.5	6383.1	6364.7	7070.0	7775.4	8439.9	9104.4	*9474.4*	9104.4
52.5°	7939.0	7578.7	7218.1	7232.8	7246.7	8084.6	8922.4	9725.9	10529.4	*10946.5*	10529.4
55°	8991.9	8540.1	8088.2	8085.8	8083.3	9045.9	10009.3	10996.4	11984.3	*12541.3*	11984.3
57.5°	10065.3	9642.1	9218.9	9118.3	9017.3	10024.0	11030.3	12120.5	13211.1	*13796.6*	13211.1
60°	10870.9	10637.8	10404.7	10243.6	10082.9	11116.6	12150.8	13276.9	14402.6	*14986.5*	14402.6
62.5°	10537.6	10954.3	11371.0	11359.1	11347.2	12463.2	13579.1	14750.2	15922.1	*16446.3*	15922.1
65°	*9413.1*	*10077.6*	*10742.1*	*11199.2*	*11656.0*	*13005.0*	*14353.5*	*15573.7*	*16793.9*	*17329.6*	*16793.9*
67.5°	8358.1	8943.7	9529.6	9903.8	10277.9	11797.9	13318.2	14702.8	16087.3	*16638.5*	16087.3
70°	7348.1	7996.6	8645.2	8912.6	9180.0	10471.4	11762.3	12857.8	13952.8	*14168.7*	13952.8
72.5°	6307.4	7078.6	7850.2	7963.5	8076.8	9016.5	9956.1	10539.6	11123.2	*10652.1*	11123.2
75°	5164.5	6034.7	6904.4	6980.1	7055.7	7348.5	7641.7	7790.1	7939.0	*7671.1*	7939.0
77.5°	3434.8	4188.1	4941.7	5111.4	5281.1	5476.1	5671.6	5661.4	5651.1	*5274.9*	5651.1
80°	2015.9	2605.2	3194.4	3216.5	3238.6	3385.0	3530.9	3680.2	3829.4	*3590.2*	3829.4
82.5°	1008.0	1331.4	1655.3	1705.2	1755.0	1844.6	1934.1	1975.9	2018.0	*1815.6*	2018.0
85°	229.0	313.2	397.5	478.8	560.2	654.3	748.3	737.7	727.0	*613.4*	727.0
87.5°	18.4	18.8	19.6	20.0	20.4	20.9	21.3	22.5	23.7	*24.5*	23.7
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°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2943.7	2936.8	2930.2	2923.7	2912.3	2901.2	2891.0	2880.8	2854.6	2828.8	2805.1
5°	3292.1	3278.6	3254.9	3231.2	3200.1	3169.0	3123.3	3077.0	3030.8	2985.0	2936.8
7.5°	3557.9	3540.3	3510.1	3479.8	3432.4	3385.0	3330.2	3275.4	3197.7	3120.0	3046.8
10°	3690.8	3676.9	3649.1	3620.9	3574.7	3528.9	3464.3	3400.1	3307.3	3214.0	3123.3
12.5°	3699.8	3693.3	3675.7	3657.7	3622.5	3587.0	3525.2	3463.5	3371.1	3278.6	3176.8
15°	3566.1	3578.8	3587.8	3596.4	3581.6	3566.5	3530.5	3494.1	3400.5	3307.3	3203.8
17.5°	3338.7	3375.5	3424.6	3473.7	3500.7	3528.1	3515.0	3502.3	3414.8	3327.7	3217.3
20°	3097.1	3158.8	3250.8	3342.8	3415.2	3488.0	3508.4	3528.9	3440.6	3352.2	3233.7
22.5°	2875.0	2946.2	3071.7	3197.7	3319.9	3442.2	3499.9	3557.5	3476.5	3396.0	3265.6
25°	2701.3	2778.5	2926.2	3074.2	3239.0	3404.2	3503.5	3602.5	3532.6	3462.6	3320.3
27.5°	2561.8	2635.4	2796.1	2956.4	3160.9	3365.3	3516.6	3667.9	3614.4	3560.8	3400.5
30°	2461.2	2533.2	2700.8	2868.5	3113.4	3358.0	3559.1	3759.9	3717.8	3676.1	3495.4
32.5°	2406.8	2475.9	2646.5	2817.4	3091.4	3365.3	3618.9	3872.4	3846.2	3820.0	3607.0
35°	2445.7	2496.4	2654.6	2813.3	3116.7	3420.5	3741.5	4062.5	4029.8	3997.1	3725.6
37.5°	2711.9	2711.9	2819.8	2927.8	3240.6	3553.4	3928.8	4303.8	4264.9	4226.1	3870.3
40°	3281.9	3213.2	3218.9	3225.5	3521.1	3817.2	4238.3	4659.5	4583.1	4506.2	4035.9
42.5°	4275.6	4076.8	3933.7	3790.6	4029.4	4268.2	4713.1	5158.4	4996.5	4834.1	4219.1
45°	5565.7	5214.4	4896.3	4577.7	4744.2	4911.0	5344.4	5777.9	5518.2	5258.6	4467.7
47.5°	7024.7	6509.8	5980.3	5450.8	5545.6	5640.9	6006.1	6370.8	6042.0	5713.3	4723.3
50°	8439.9	7775.4	7070.0	6364.7	6383.1	6401.5	6729.8	7057.8	6612.1	6166.4	4946.2
52.5°	9725.9	8922.4	8084.6	7246.7	7232.8	7218.1	7578.7	7939.0	7231.2	6522.9	5051.7
55°	10996.4	10009.3	9045.9	8083.3	8085.8	8088.2	8540.1	8991.9	7853.1	6714.3	5023.9
57.5°	12120.5	11030.3	10024.0	9017.3	9118.3	9218.9	9642.1	10065.3	8375.3	6685.7	4872.2
60°	13276.9	12150.8	11116.6	10082.9	10243.6	10404.7	10637.8	10870.9	8609.2	6347.1	4508.6
62.5°	14750.2	13579.1	12463.2	11347.2	11359.1	11371.0	10954.3	10537.6	8090.3	5643.0	3912.9
65°	*15573.7*	*14353.5*	*13005.0*	*11656.0*	*11199.2*	*10742.1*	*10077.6*	*9413.1*	*6978.0*	*4543.0*	*3069.3*
67.5°	14702.8	13318.2	11797.9	10277.9	9903.8	9529.6	8943.7	8358.1	5993.0	3627.8	2388.4
70°	12857.8	11762.3	10471.4	9180.0	8912.6	8645.2	7996.6	7348.1	5091.3	2834.6	1830.3
72.5°	10539.6	9956.1	9016.5	8076.8	7963.5	7850.2	7078.6	6307.4	4227.7	2147.6	1376.0
75°	7790.1	7641.7	7348.5	7055.7	6980.1	6904.4	6034.7	5164.5	3375.5	1586.6	1019.8
77.5°	5661.4	5671.6	5476.1	5281.1	5111.4	4941.7	4188.1	3434.8	2214.7	994.5	659.2
80°	3680.2	3530.9	3385.0	3238.6	3216.5	3194.4	2605.2	2015.9	1269.7	523.4	364.3
82.5°	1975.9	1934.1	1844.6	1755.0	1705.2	1655.3	1331.4	1008.0	636.3	265.0	195.9
85°	737.7	748.3	654.3	560.2	478.8	397.5	313.2	229.0	151.3	73.6	62.2
87.5°	22.5	21.3	20.9	20.4	20.0	19.6	18.8	18.4	18.0	17.2	16.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2781.4	2757.7	2733.6	2710.7	2687.4	2664.0	2643.6	2621.5	2599.8	2582.7	2565.9
5°	2888.9	2841.9	2794.9	2750.3	2706.2	2660.0	2620.3	2581.0	2542.6	2510.7	2478.8
7.5°	2973.6	2908.2	2842.7	2784.3	2725.4	2664.0	2616.2	2568.4	2520.9	2479.6	2437.9
10°	3032.1	2951.5	2870.5	2803.1	2735.6	2670.2	2619.1	2568.8	2518.9	2476.4	2433.8
12.5°	3075.0	2984.6	2894.3	2819.8	2745.8	2674.3	2624.4	2582.7	2541.4	2511.5	2482.1
15°	3100.4	3003.0	2905.3	2821.5	2737.7	2657.9	2613.8	2586.8	2559.8	2557.3	2554.9
17.5°	3106.9	2995.7	2884.9	2787.1	2689.8	2596.6	2559.0	2555.3	2551.6	2592.1	2632.6
20°	3115.1	2984.6	2854.2	2725.8	2597.4	2473.9	2450.2	2473.5	2496.4	2575.7	2654.6
22.5°	3135.5	2976.0	2816.6	2655.5	2494.3	2347.1	2324.7	2359.0	2392.9	2496.4	2599.8
25°	3178.0	2975.2	2772.4	2571.6	2370.9	2202.0	2199.9	2237.1	2274.4	2370.0	2465.7
27.5°	3240.6	2983.0	2725.4	2485.8	2245.7	2073.2	2083.4	2119.0	2155.0	2226.1	2297.3
30°	3314.2	2999.8	2685.7	2410.9	2136.6	1968.9	1979.9	2007.7	2035.6	2087.1	2138.6
32.5°	3394.0	3018.6	2643.6	2345.5	2047.8	1893.3	1893.3	1905.1	1917.0	1950.5	1984.0
35°	3454.5	3014.1	2574.1	2271.1	1967.7	1848.3	1822.9	1813.1	1803.3	1825.4	1847.5
37.5°	3514.6	3001.4	2488.2	2188.5	1889.2	1795.1	1746.9	1720.7	1693.7	1704.3	1714.1
40°	3565.7	2972.8	2379.9	2089.9	1800.0	1725.6	1665.1	1625.8	1586.6	1585.8	1584.5
42.5°	3603.3	2923.3	2242.9	1972.6	1701.9	1650.0	1575.1	1525.2	1475.3	1470.0	1464.7
45°	3676.9	2889.4	2101.8	1853.2	1605.0	1557.9	1483.5	1432.0	1381.3	1373.1	1364.9
47.5°	3733.3	2849.7	1966.0	1734.6	1504.0	1449.6	1380.1	1336.3	1292.2	1287.2	1281.9
50°	3726.0	2782.2	1838.0	1629.1	1419.7	1345.3	1276.6	1240.6	1204.2	1210.4	1216.5
52.5°	3580.0	2644.0	1708.4	1534.2	1360.9	1265.6	1192.0	1165.0	1137.6	1156.8	1175.6
55°	3333.4	2460.8	1587.4	1454.9	1321.6	1226.7	1140.0	1109.8	1079.5	1106.5	1133.5
57.5°	3058.6	2269.0	1479.4	1387.8	1296.2	1216.5	1110.2	1067.7	1025.5	1052.5	1079.5
60°	2670.2	2026.6	1382.9	1318.7	1254.5	1192.0	1085.7	1032.5	979.3	997.3	1014.9
62.5°	2182.8	1719.1	1255.4	1219.4	1183.8	1157.2	1055.8	986.3	916.8	919.2	920.9
65°	*1595.6*	*1351.0*	*1106.1*	*1098.3*	*1091.0*	*1083.6*	*999.8*	*925.0*	*850.5*	*842.4*	*834.2*
67.5°	1149.0	1032.9	916.8	938.4	960.1	971.2	913.9	848.1	781.8	765.1	748.3
70°	826.0	785.1	744.2	776.5	808.8	805.6	777.7	738.5	699.2	688.6	678.0
72.5°	604.4	603.6	603.1	627.7	652.2	619.5	637.1	628.1	619.5	611.7	604.4
75°	453.1	450.2	447.8	476.8	506.2	519.3	530.8	525.9	521.4	515.6	510.3
77.5°	323.9	326.3	327.9	359.8	391.7	429.4	431.4	420.8	409.7	404.0	397.5
80°	205.3	207.7	209.4	242.9	276.0	329.2	327.1	314.0	300.5	296.1	291.1
82.5°	126.8	127.2	127.6	143.9	160.3	190.1	198.3	198.3	198.3	195.5	192.2
85°	51.1	53.6	56.4	67.1	77.7	94.0	99.0	99.8	100.2	95.7	90.8
87.5°	16.4	17.2	18.4	20.4	22.5	24.5	28.6	31.1	33.5	36.0	37.6
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: P1364942
CATALOG NUMBER: GSS-SB2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2551.2	2536.1	2518.5	2500.5	2487.8	2474.7	2466.1	2457.5	2453.5	2449.4	2446.1
5°	2452.6	2425.7	2401.9	2377.8	2359.0	2339.8	2324.2	2308.3	2301.8	2294.8	2290.3
7.5°	2402.8	2367.6	2338.1	2308.3	2280.1	2252.3	2234.3	2216.3	2205.7	2195.0	2187.3
10°	2396.6	2359.4	2320.6	2281.7	2250.6	2219.6	2192.6	2166.4	2151.3	2136.6	2128.4
12.5°	2447.7	2413.4	2367.2	2320.6	2278.4	2236.7	2203.6	2170.5	2151.7	2133.7	2121.4
15°	2543.0	2531.2	2488.2	2445.3	2387.2	2328.7	2281.3	2233.5	2207.3	2180.3	2165.2
17.5°	2655.9	2679.2	2649.3	2619.1	2537.3	2455.5	2384.8	2314.4	2276.0	2237.6	2224.1
20°	2717.6	2780.6	2777.3	2774.5	2667.7	2560.6	2467.8	2374.9	2323.4	2272.7	2252.3
22.5°	2690.6	2781.4	2804.7	2827.6	2722.9	2617.8	2503.3	2388.9	2328.3	2267.4	2248.2
25°	2563.5	2661.2	2704.5	2747.9	2661.6	2575.3	2464.1	2353.3	2289.5	2225.3	2205.7
27.5°	2375.8	2454.3	2502.9	2551.6	2498.8	2446.1	2356.1	2266.2	2209.7	2152.9	2132.1
30°	2191.8	2244.9	2283.8	2322.6	2287.8	2253.1	2188.5	2124.3	2082.2	2040.5	2027.4
32.5°	2023.7	2062.9	2084.6	2105.9	2078.9	2051.9	2009.4	1966.9	1940.7	1914.5	1905.9
35°	1879.3	1911.7	1928.0	1944.4	1921.9	1899.4	1861.4	1823.7	1804.9	1786.1	1779.2
37.5°	1741.5	1768.5	1791.8	1815.6	1799.2	1782.8	1750.5	1718.2	1696.2	1673.3	1661.0
40°	1610.7	1636.5	1665.9	1694.9	1692.1	1688.8	1658.1	1627.5	1595.6	1564.1	1547.3
42.5°	1490.5	1516.2	1547.3	1578.4	1584.5	1590.7	1565.3	1539.5	1502.7	1465.9	1440.2
45°	1387.0	1409.9	1443.9	1478.2	1492.5	1506.8	1483.9	1460.6	1419.3	1378.0	1347.4
47.5°	1305.2	1329.0	1366.6	1404.6	1419.7	1435.3	1419.7	1404.6	1369.0	1333.0	1306.1
50°	1242.3	1267.6	1297.1	1326.9	1355.1	1382.9	1380.1	1377.2	1349.0	1320.8	1295.4
52.5°	1198.9	1222.6	1253.3	1284.0	1313.4	1343.3	1347.8	1352.7	1332.2	1311.8	1289.7
55°	1161.7	1189.9	1218.6	1247.2	1275.0	1302.4	1308.5	1314.6	1299.9	1284.8	1268.4
57.5°	1110.2	1140.9	1169.5	1198.1	1230.4	1262.7	1267.6	1272.5	1257.0	1241.0	1228.8
60°	1046.4	1077.5	1107.3	1136.8	1169.5	1202.2	1208.7	1215.3	1203.0	1190.7	1179.3
62.5°	956.4	991.6	1016.1	1040.7	1071.8	1103.2	1112.6	1122.5	1116.7	1111.4	1098.3
65°	*867.7*	*901.6*	*920.9*	*940.5*	*967.5*	*994.5*	*1003.9*	*1013.3*	*1010.4*	*1008.0*	*998.6*
67.5°	779.4	810.5	826.4	842.4	860.8	879.2	889.8	900.4	895.1	889.4	879.6
70°	703.3	728.7	742.6	756.5	771.2	785.9	791.6	797.4	789.2	781.0	758.9
72.5°	623.6	642.8	654.7	666.5	680.4	694.3	697.6	701.3	688.6	675.5	649.8
75°	525.0	539.8	548.8	558.2	572.5	586.8	592.9	599.1	581.1	563.5	536.1
77.5°	411.0	424.4	433.0	441.6	453.5	465.3	467.0	469.4	453.9	438.4	422.0
80°	301.0	310.8	314.0	316.9	326.7	336.1	336.1	336.1	324.7	312.8	304.6
82.5°	190.1	188.1	184.0	179.9	189.7	199.5	202.8	206.5	201.2	196.3	187.3
85°	85.1	78.5	77.3	75.6	75.2	74.4	77.3	79.7	78.5	77.7	74.4
87.5°	40.1	41.7	40.5	38.8	37.2	36.0	32.7	29.4	27.0	24.5	22.9
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: P1364942
CATALOG NUMBER: GSS-SB2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2443.2	2441.2	2443.2	2446.1	2449.4	2453.5	2457.5	2466.1	2474.7	2487.8	2500.5
5°	2285.8	2281.7	2285.8	2290.3	2294.8	2301.8	2308.3	2324.2	2339.8	2359.0	2377.8
7.5°	2179.5	2175.4	2179.5	2187.3	2195.0	2205.7	2216.3	2234.3	2252.3	2280.1	2308.3
10°	2120.2	2114.1	2120.2	2128.4	2136.6	2151.3	2166.4	2192.6	2219.6	2250.6	2281.7
12.5°	2109.2	2101.8	2109.2	2121.4	2133.7	2151.7	2170.5	2203.6	2236.7	2278.4	2320.6
15°	2150.0	2138.6	2150.0	2165.2	2180.3	2207.3	2233.5	2281.3	2328.7	2387.2	2445.3
17.5°	2210.2	2204.0	2210.2	2224.1	2237.6	2276.0	2314.4	2384.8	2455.5	2537.3	2619.1
20°	2231.8	2224.5	2231.8	2252.3	2272.7	2323.4	2374.9	2467.8	2560.6	2667.7	2774.5
22.5°	2228.6	2220.4	2228.6	2248.2	2267.4	2328.3	2388.9	2503.3	2617.8	2722.9	2827.6
25°	2185.6	2179.5	2185.6	2205.7	2225.3	2289.5	2353.3	2464.1	2575.3	2661.6	2747.9
27.5°	2110.8	2097.7	2110.8	2132.1	2152.9	2209.7	2266.2	2356.1	2446.1	2498.8	2551.6
30°	2013.9	2007.7	2013.9	2027.4	2040.5	2082.2	2124.3	2188.5	2253.1	2287.8	2322.6
32.5°	1897.3	1893.3	1897.3	1905.9	1914.5	1940.7	1966.9	2009.4	2051.9	2078.9	2105.9
35°	1772.6	1766.5	1772.6	1779.2	1786.1	1804.9	1823.7	1861.4	1899.4	1921.9	1944.4
37.5°	1648.7	1639.7	1648.7	1661.0	1673.3	1696.2	1718.2	1750.5	1782.8	1799.2	1815.6
40°	1530.1	1521.1	1530.1	1547.3	1564.1	1595.6	1627.5	1658.1	1688.8	1692.1	1694.9
42.5°	1414.8	1398.5	1414.8	1440.2	1465.9	1502.7	1539.5	1565.3	1590.7	1584.5	1578.4
45°	1316.7	1296.2	1316.7	1347.4	1378.0	1419.3	1460.6	1483.9	1506.8	1492.5	1478.2
47.5°	1279.1	1259.4	1279.1	1306.1	1333.0	1369.0	1404.6	1419.7	1435.3	1419.7	1404.6
50°	1269.7	1251.3	1269.7	1295.4	1320.8	1349.0	1377.2	1380.1	1382.9	1355.1	1326.9
52.5°	1267.6	1251.3	1267.6	1289.7	1311.8	1332.2	1352.7	1347.8	1343.3	1313.4	1284.0
55°	1252.1	1239.0	1252.1	1268.4	1284.8	1299.9	1314.6	1308.5	1302.4	1275.0	1247.2
57.5°	1216.5	1210.4	1216.5	1228.8	1241.0	1257.0	1272.5	1267.6	1262.7	1230.4	1198.1
60°	1167.4	1157.2	1167.4	1179.3	1190.7	1203.0	1215.3	1208.7	1202.2	1169.5	1136.8
62.5°	1085.7	1071.3	1085.7	1098.3	1111.4	1116.7	1122.5	1112.6	1103.2	1071.8	1040.7
65°	*989.6*	*973.2*	*989.6*	*998.6*	*1008.0*	*1010.4*	*1013.3*	*1003.9*	*994.5*	*967.5*	*940.5*
67.5°	870.2	866.9	870.2	879.6	889.4	895.1	900.4	889.8	879.2	860.8	842.4
70°	736.9	711.5	736.9	758.9	781.0	789.2	797.4	791.6	785.9	771.2	756.5
72.5°	623.6	597.0	623.6	649.8	675.5	688.6	701.3	697.6	694.3	680.4	666.5
75°	509.1	490.7	509.1	536.1	563.5	581.1	599.1	592.9	586.8	572.5	558.2
77.5°	405.6	396.6	405.6	422.0	438.4	453.9	469.4	467.0	465.3	453.5	441.6
80°	296.5	290.3	296.5	304.6	312.8	324.7	336.1	336.1	336.1	326.7	316.9
82.5°	177.9	171.7	177.9	187.3	196.3	201.2	206.5	202.8	199.5	189.7	179.9
85°	71.6	69.5	71.6	74.4	77.7	78.5	79.7	77.3	74.4	75.2	75.6
87.5°	21.3	20.4	21.3	22.9	24.5	27.0	29.4	32.7	36.0	37.2	38.8
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: P1364942
CATALOG NUMBER: GSS-SB2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2518.5	2536.1	2551.2	2565.9	2582.7	2599.8	2621.5	2643.6	2664.0	2687.4	2710.7
5°	2401.9	2425.7	2452.6	2478.8	2510.7	2542.6	2581.0	2620.3	2660.0	2706.2	2750.3
7.5°	2338.1	2367.6	2402.8	2437.9	2479.6	2520.9	2568.4	2616.2	2664.0	2725.4	2784.3
10°	2320.6	2359.4	2396.6	2433.8	2476.4	2518.9	2568.8	2619.1	2670.2	2735.6	2803.1
12.5°	2367.2	2413.4	2447.7	2482.1	2511.5	2541.4	2582.7	2624.4	2674.3	2745.8	2819.8
15°	2488.2	2531.2	2543.0	2554.9	2557.3	2559.8	2586.8	2613.8	2657.9	2737.7	2821.5
17.5°	2649.3	2679.2	2655.9	2632.6	2592.1	2551.6	2555.3	2559.0	2596.6	2689.8	2787.1
20°	2777.3	2780.6	2717.6	2654.6	2575.7	2496.4	2473.5	2450.2	2473.9	2597.4	2725.8
22.5°	2804.7	2781.4	2690.6	2599.8	2496.4	2392.9	2359.0	2324.7	2347.1	2494.3	2655.5
25°	2704.5	2661.2	2563.5	2465.7	2370.0	2274.4	2237.1	2199.9	2202.0	2370.9	2571.6
27.5°	2502.9	2454.3	2375.8	2297.3	2226.1	2155.0	2119.0	2083.4	2073.2	2245.7	2485.8
30°	2283.8	2244.9	2191.8	2138.6	2087.1	2035.6	2007.7	1979.9	1968.9	2136.6	2410.9
32.5°	2084.6	2062.9	2023.7	1984.0	1950.5	1917.0	1905.1	1893.3	1893.3	2047.8	2345.5
35°	1928.0	1911.7	1879.3	1847.5	1825.4	1803.3	1813.1	1822.9	1848.3	1967.7	2271.1
37.5°	1791.8	1768.5	1741.5	1714.1	1704.3	1693.7	1720.7	1746.9	1795.1	1889.2	2188.5
40°	1665.9	1636.5	1610.7	1584.5	1585.8	1586.6	1625.8	1665.1	1725.6	1800.0	2089.9
42.5°	1547.3	1516.2	1490.5	1464.7	1470.0	1475.3	1525.2	1575.1	1650.0	1701.9	1972.6
45°	1443.9	1409.9	1387.0	1364.9	1373.1	1381.3	1432.0	1483.5	1557.9	1605.0	1853.2
47.5°	1366.6	1329.0	1305.2	1281.9	1287.2	1292.2	1336.3	1380.1	1449.6	1504.0	1734.6
50°	1297.1	1267.6	1242.3	1216.5	1210.4	1204.2	1240.6	1276.6	1345.3	1419.7	1629.1
52.5°	1253.3	1222.6	1198.9	1175.6	1156.8	1137.6	1165.0	1192.0	1265.6	1360.9	1534.2
55°	1218.6	1189.9	1161.7	1133.5	1106.5	1079.5	1109.8	1140.0	1226.7	1321.6	1454.9
57.5°	1169.5	1140.9	1110.2	1079.5	1052.5	1025.5	1067.7	1110.2	1216.5	1296.2	1387.8
60°	1107.3	1077.5	1046.4	1014.9	997.3	979.3	1032.5	1085.7	1192.0	1254.5	1318.7
62.5°	1016.1	991.6	956.4	920.9	919.2	916.8	986.3	1055.8	1157.2	1183.8	1219.4
65°	*920.9*	*901.6*	*867.7*	*834.2*	*842.4*	*850.5*	*925.0*	*999.8*	*1083.6*	*1091.0*	*1098.3*
67.5°	826.4	810.5	779.4	748.3	765.1	781.8	848.1	913.9	971.2	960.1	938.4
70°	742.6	728.7	703.3	678.0	688.6	699.2	738.5	777.7	805.6	808.8	776.5
72.5°	654.7	642.8	623.6	604.4	611.7	619.5	628.1	637.1	619.5	652.2	627.7
75°	548.8	539.8	525.0	510.3	515.6	521.4	525.9	530.8	519.3	506.2	476.8
77.5°	433.0	424.4	411.0	397.5	404.0	409.7	420.8	431.4	429.4	391.7	359.8
80°	314.0	310.8	301.0	291.1	296.1	300.5	314.0	327.1	329.2	276.0	242.9
82.5°	184.0	188.1	190.1	192.2	195.5	198.3	198.3	198.3	190.1	160.3	143.9
85°	77.3	78.5	85.1	90.8	95.7	100.2	99.8	99.0	94.0	77.7	67.1
87.5°	40.5	41.7	40.1	37.6	36.0	33.5	31.1	28.6	24.5	22.5	20.4
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: P1364942
CATALOG NUMBER: GSS-SB2D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1	2666.1
2.5°	2733.6	2757.7	2781.4	2805.1	2828.8	2854.6	2880.8
5°	2794.9	2841.9	2888.9	2936.8	2985.0	3030.8	3077.0
7.5°	2842.7	2908.2	2973.6	3046.8	3120.0	3197.7	3275.4
10°	2870.5	2951.5	3032.1	3123.3	3214.0	3307.3	3400.1
12.5°	2894.3	2984.6	3075.0	3176.8	3278.6	3371.1	3463.5
15°	2905.3	3003.0	3100.4	3203.8	3307.3	3400.5	3494.1
17.5°	2884.9	2995.7	3106.9	3217.3	3327.7	3414.8	3502.3
20°	2854.2	2984.6	3115.1	3233.7	3352.2	3440.6	3528.9
22.5°	2816.6	2976.0	3135.5	3265.6	3396.0	3476.5	3557.5
25°	2772.4	2975.2	3178.0	3320.3	3462.6	3532.6	3602.5
27.5°	2725.4	2983.0	3240.6	3400.5	3560.8	3614.4	3667.9
30°	2685.7	2999.8	3314.2	3495.4	3676.1	3717.8	3759.9
32.5°	2643.6	3018.6	3394.0	3607.0	3820.0	3846.2	3872.4
35°	2574.1	3014.1	3454.5	3725.6	3997.1	4029.8	4062.5
37.5°	2488.2	3001.4	3514.6	3870.3	4226.1	4264.9	4303.8
40°	2379.9	2972.8	3565.7	4035.9	4506.2	4583.1	4659.5
42.5°	2242.9	2923.3	3603.3	4219.1	4834.1	4996.5	5158.4
45°	2101.8	2889.4	3676.9	4467.7	5258.6	5518.2	5777.9
47.5°	1966.0	2849.7	3733.3	4723.3	5713.3	6042.0	6370.8
50°	1838.0	2782.2	3726.0	4946.2	6166.4	6612.1	7057.8
52.5°	1708.4	2644.0	3580.0	5051.7	6522.9	7231.2	7939.0
55°	1587.4	2460.8	3333.4	5023.9	6714.3	7853.1	8991.9
57.5°	1479.4	2269.0	3058.6	4872.2	6685.7	8375.3	10065.3
60°	1382.9	2026.6	2670.2	4508.6	6347.1	8609.2	10870.9
62.5°	1255.4	1719.1	2182.8	3912.9	5643.0	8090.3	10537.6
65°	*1106.1*	*1351.0*	*1595.6*	*3069.3*	*4543.0*	*6978.0*	*9413.1*
67.5°	916.8	1032.9	1149.0	2388.4	3627.8	5993.0	8358.1
70°	744.2	785.1	826.0	1830.3	2834.6	5091.3	7348.1
72.5°	603.1	603.6	604.4	1376.0	2147.6	4227.7	6307.4
75°	447.8	450.2	453.1	1019.8	1586.6	3375.5	5164.5
77.5°	327.9	326.3	323.9	659.2	994.5	2214.7	3434.8
80°	209.4	207.7	205.3	364.3	523.4	1269.7	2015.9
82.5°	127.6	127.2	126.8	195.9	265.0	636.3	1008.0
85°	56.4	53.6	51.1	62.2	73.6	151.3	229.0
87.5°	18.4	17.2	16.4	16.8	17.2	18.0	18.4
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

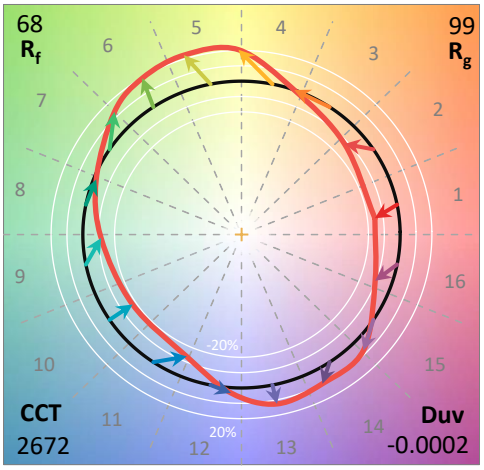
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



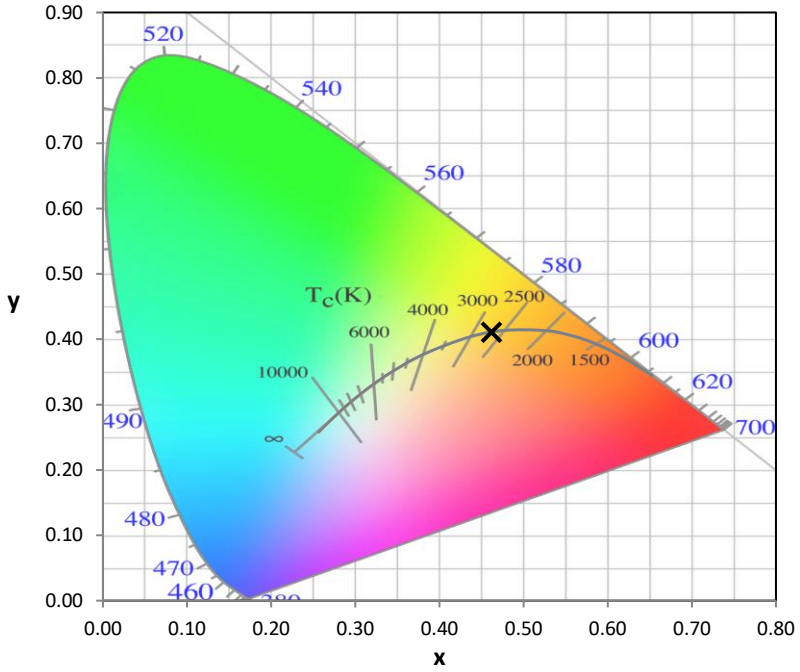
Test Conditions

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

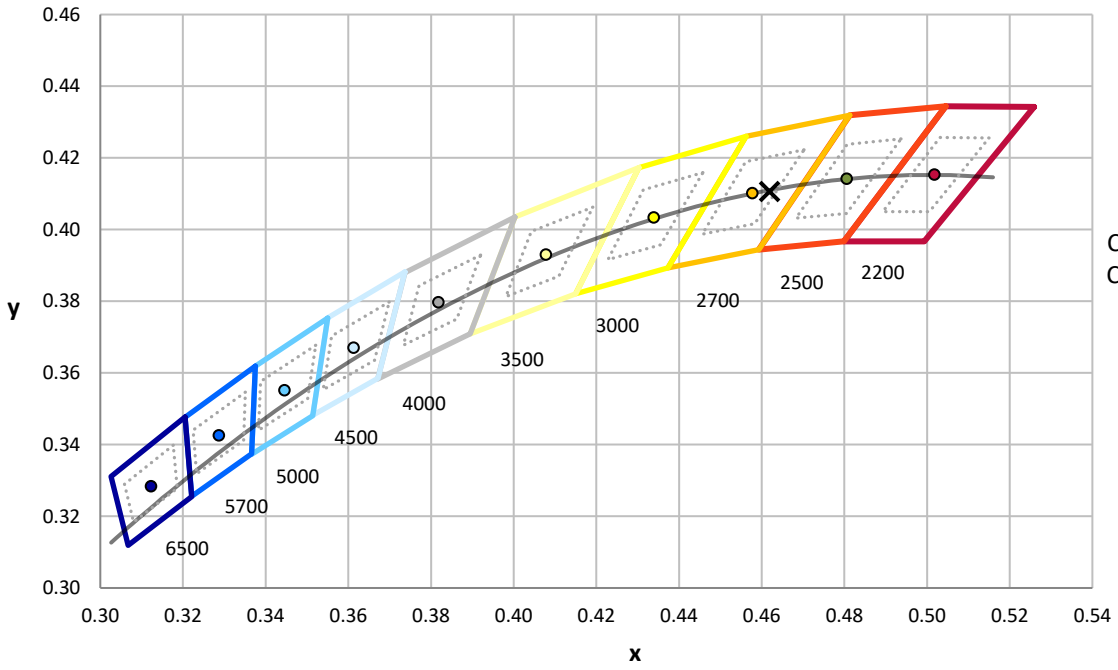
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

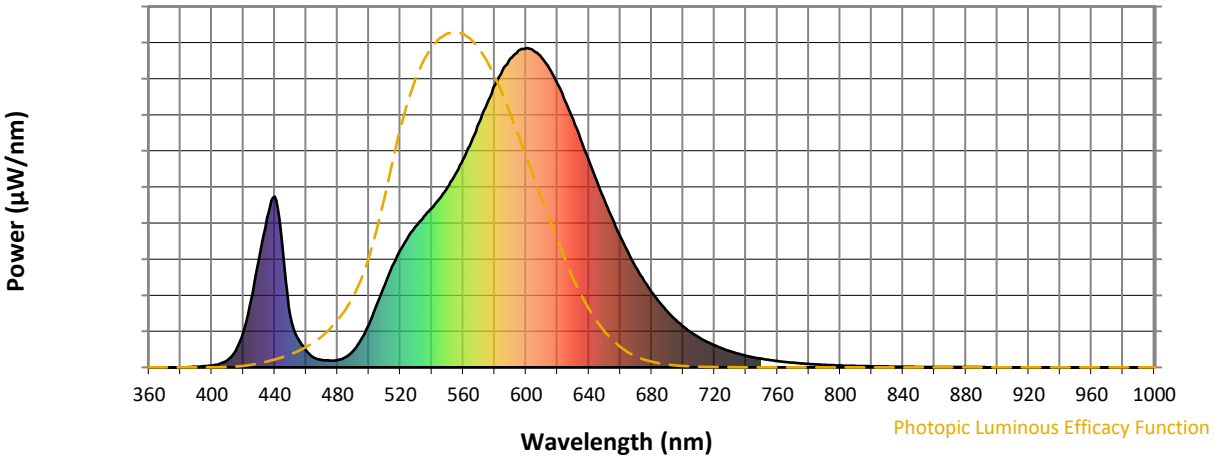


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

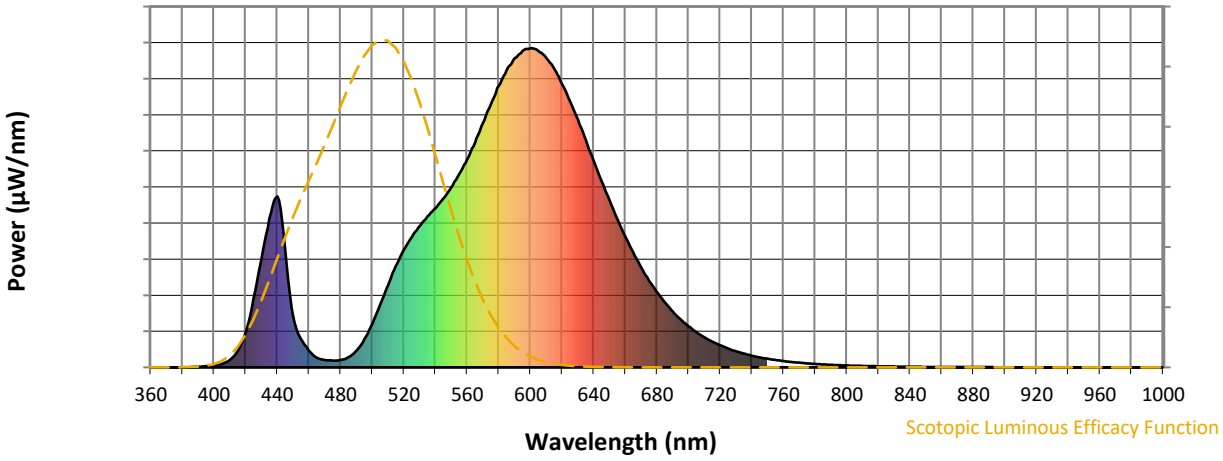


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

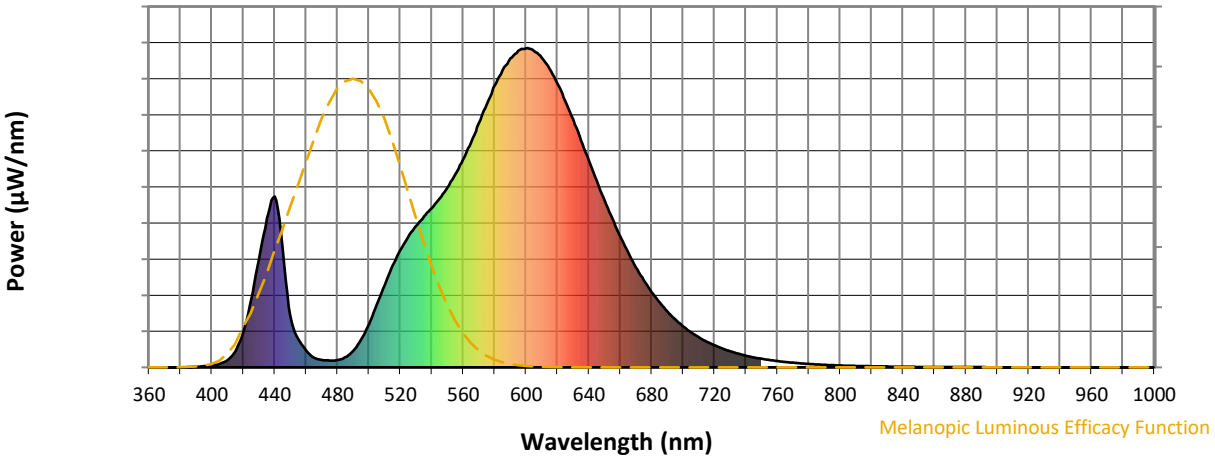


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

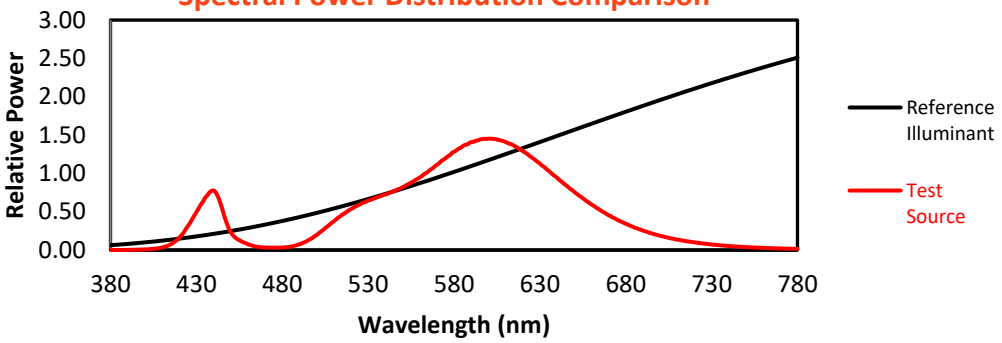
REPORT NUMBER: SP1-2407-184-3

TM-30-18

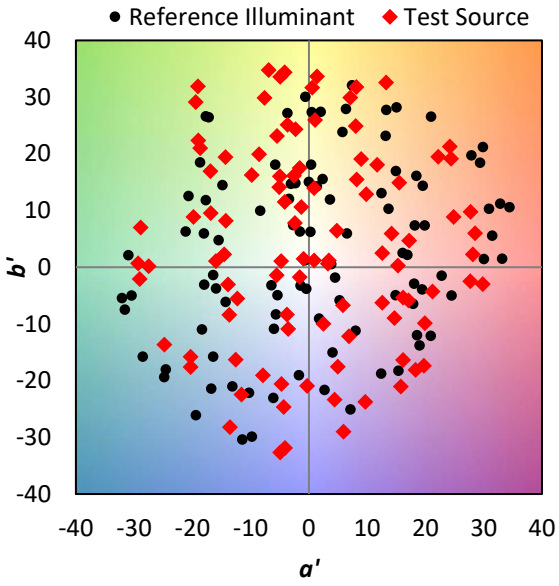
Summary

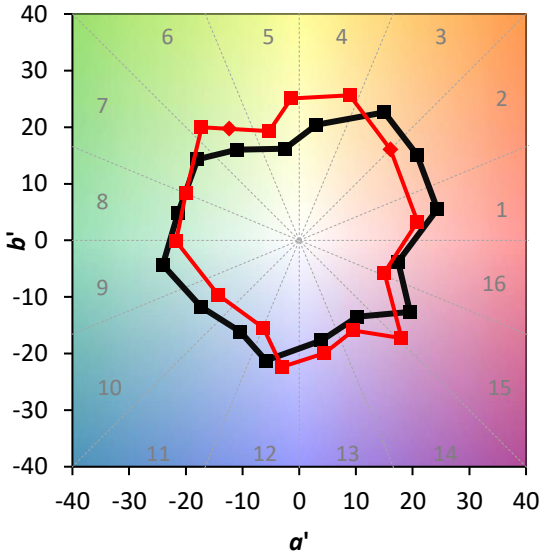
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

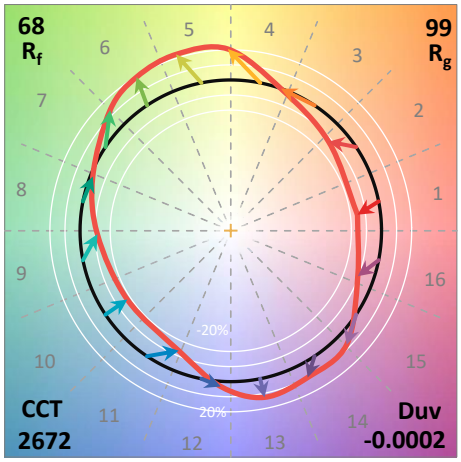
Spectral Power Distribution Comparison

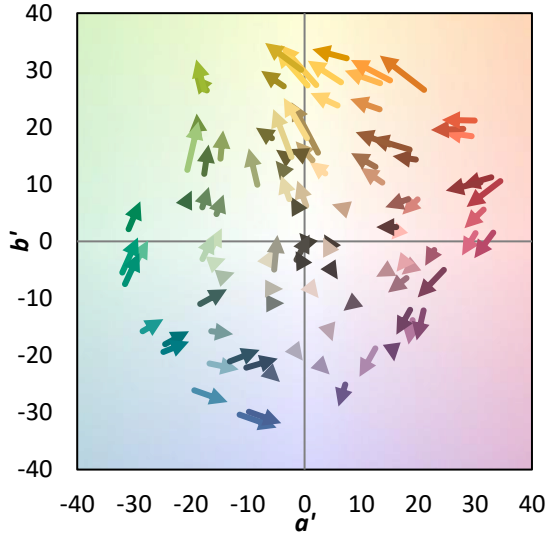


Color Vector Graphics







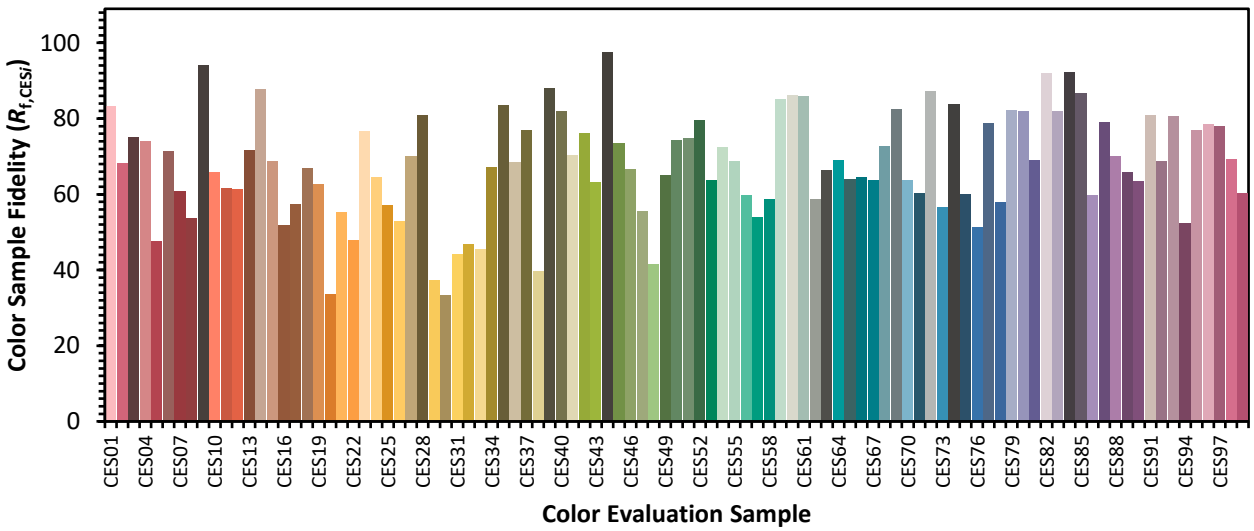


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

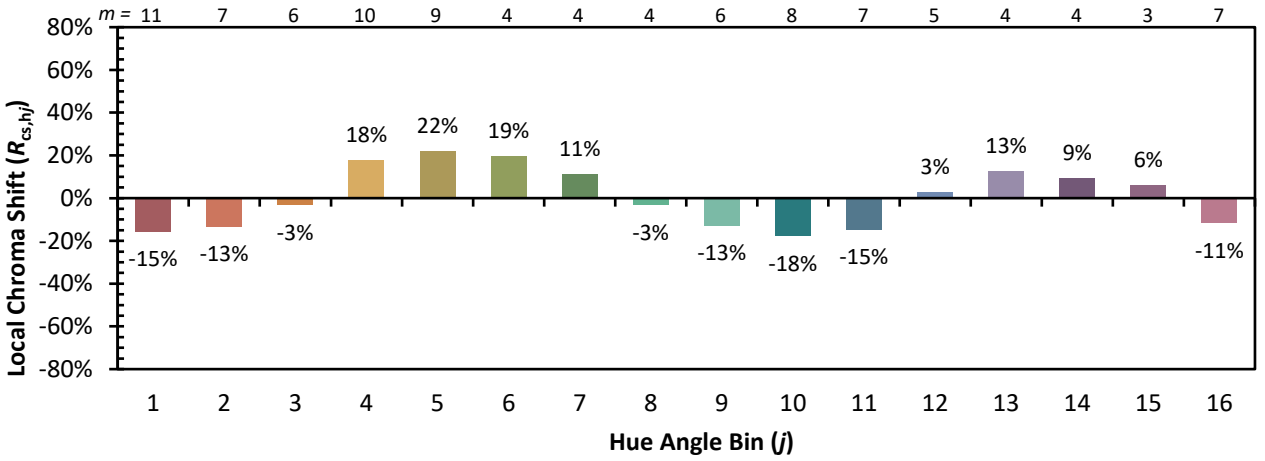
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

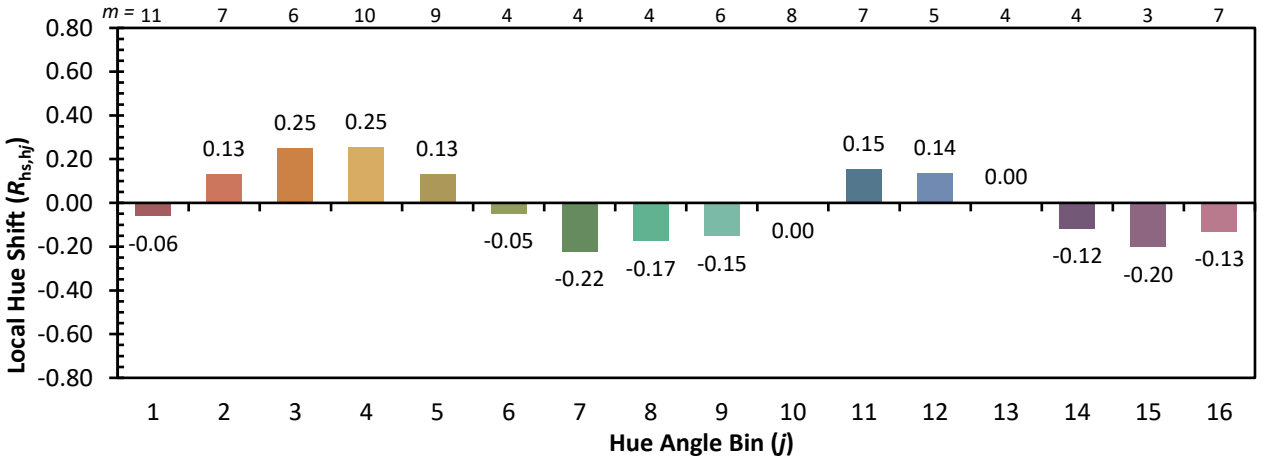


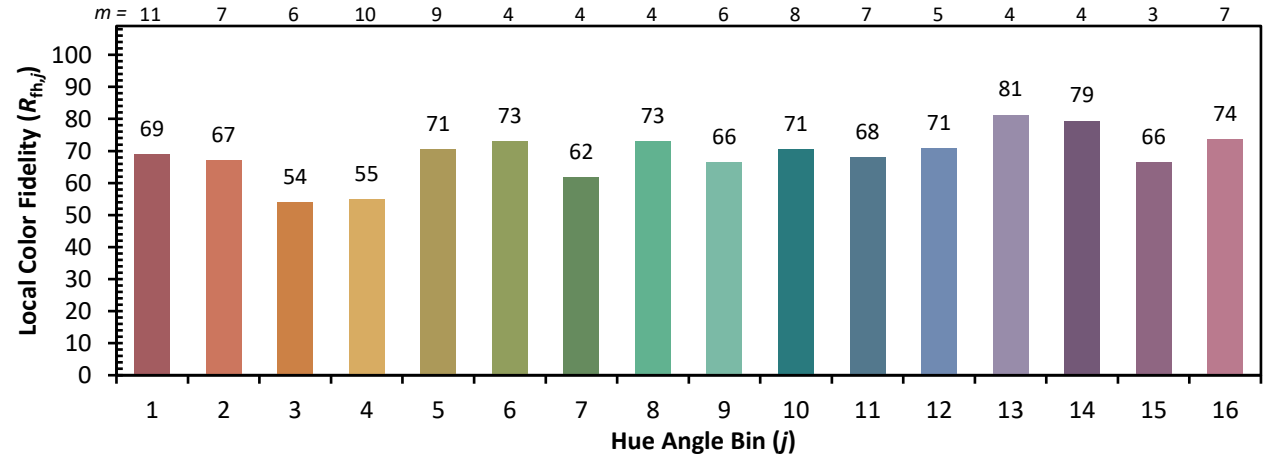
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



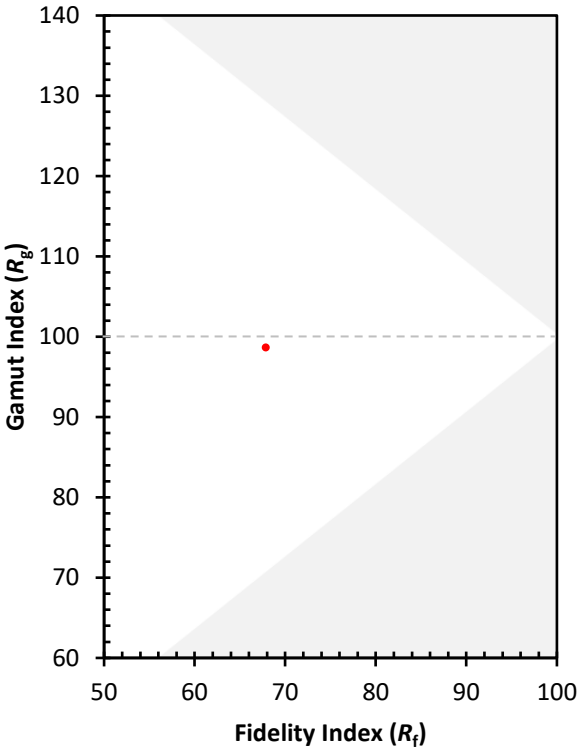


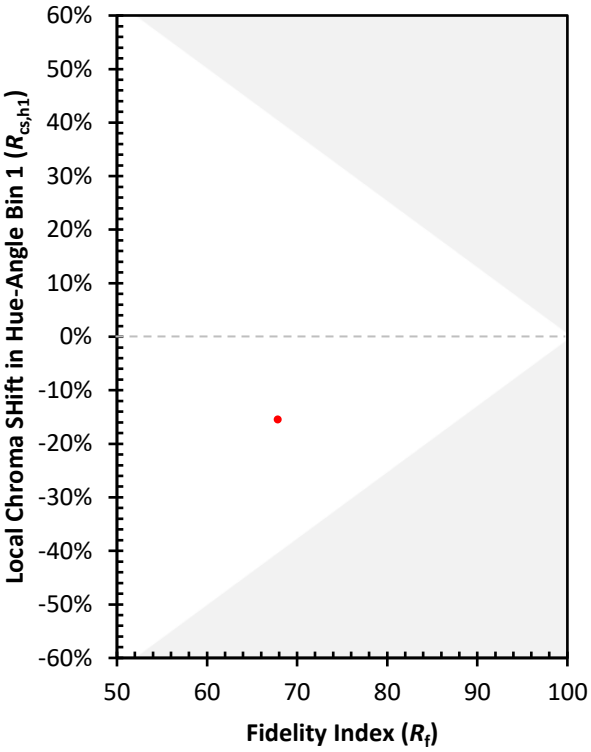


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)