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: P1364183

Luminaire Tested: **GSS-SB5A-727-U-SLR**

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:	P1364183
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-727-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(130) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19156.8 lumens
Efficiency:	N/A
Efficacy:	134.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

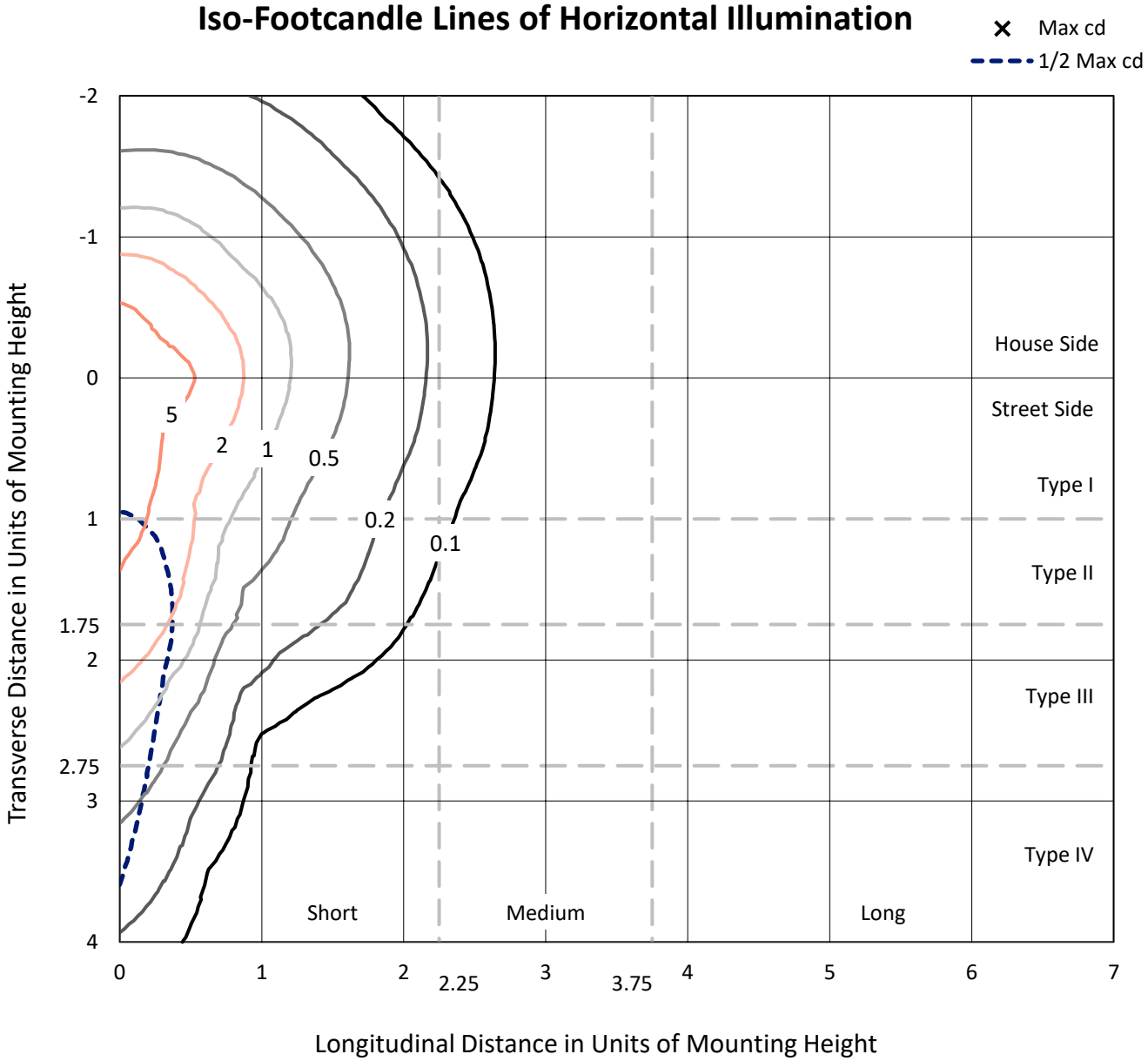
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



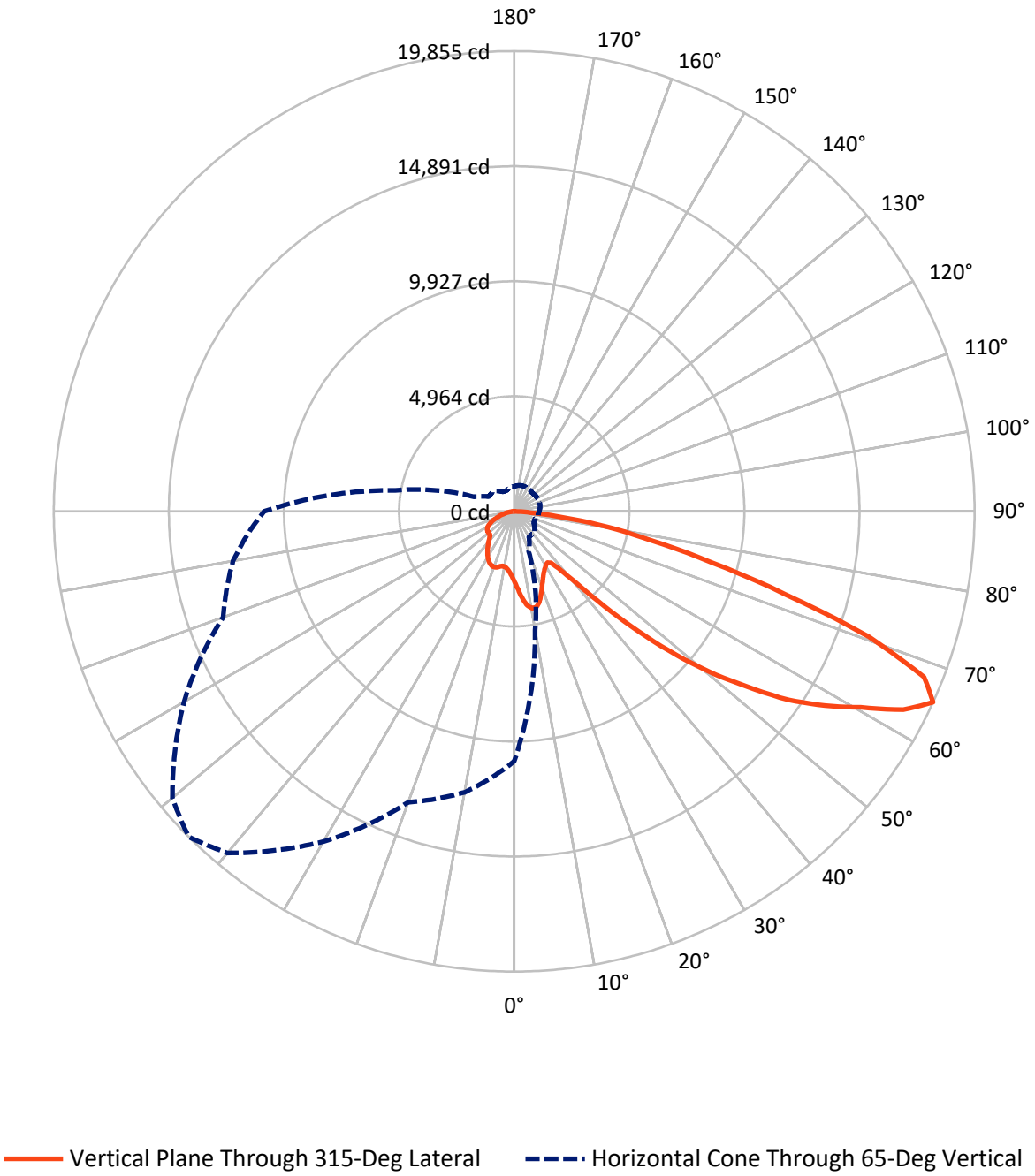
Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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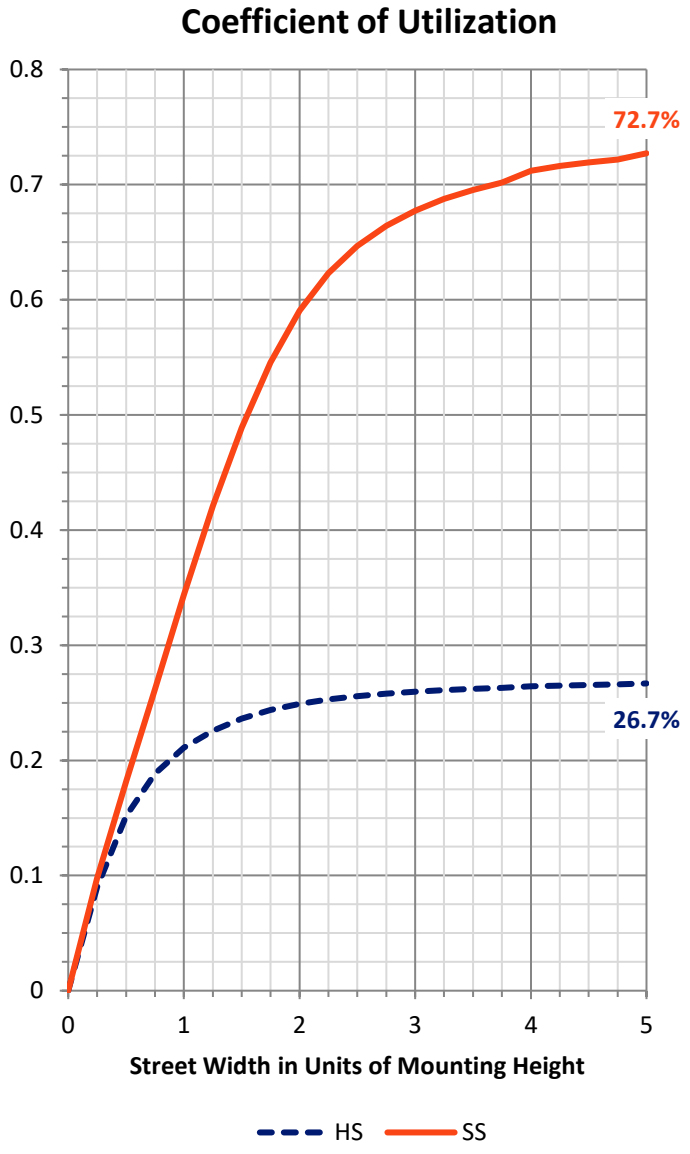
REPORT NUMBER: P1364183
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5153.6	0.0	5153.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	14003.2	0.0	14003.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	19156.8	0.0	19156.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.6	1.6
10°-20°	924.3	4.8
20°-30°	1430.5	7.5
30°-40°	1774.8	9.3
40°-50°	2595.3	13.5
50°-60°	4065.2	21.2
60°-70°	4823.7	25.2
70°-80°	2813.4	14.7
80°-90°	428.0	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°	19156.8	100.0
0°-180°	19156.8	100.0



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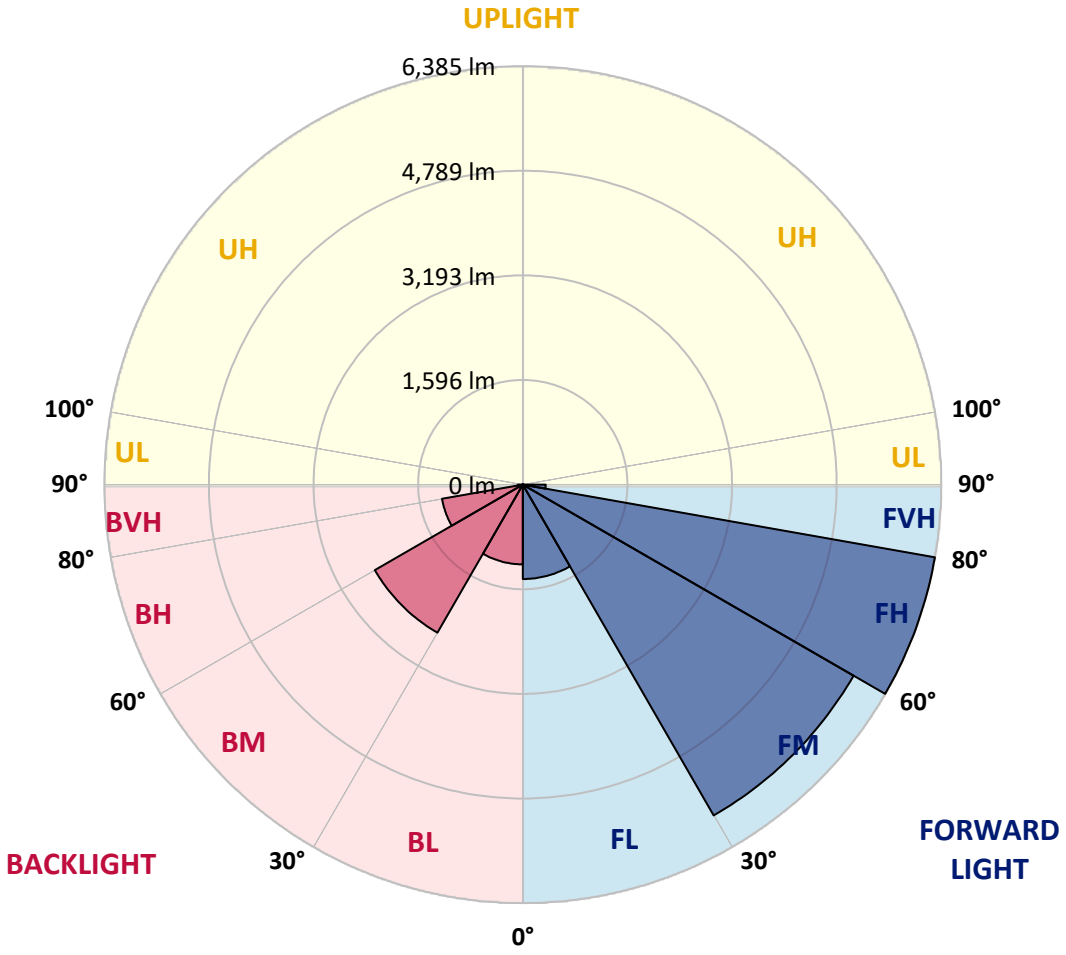
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1439.8	7.5			
FM	(30°-60°)	5827.9	30.4			
FH	(60°-80°)	6385.5	33.3			G3/7500
FVH	(80°-90°)	350.1	1.8			G3/500
BL	(0°-30°)	1216.6	6.4	B3/2500		
BM	(30°-60°)	2607.4	13.6	B3/5000		
BH	(60°-80°)	1251.6	6.5	B3/2500		G3/2500
BVH	(80°-90°)	78.0	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°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	3300.5	3270.6	3241.1	3213.9	3186.7	3159.5	3131.9	3105.7	3079.0	3052.2	3028.8
5°	3525.4	3472.5	3420.0	3364.7	3309.9	3256.0	3202.2	3151.1	3100.5	3047.6	3002.1
7.5°	3752.6	3663.6	3574.6	3490.8	3406.9	3331.9	3257.0	3190.0	3122.5	3052.2	2997.4
10°	3895.5	3789.2	3682.4	3578.4	3473.9	3381.6	3288.8	3211.5	3134.2	3059.3	3000.7
12.5°	3968.2	3862.3	3756.4	3639.7	3523.1	3419.5	3316.0	3230.7	3145.9	3064.0	3006.8
15°	4003.3	3896.0	3789.2	3670.7	3552.1	3440.6	3328.7	3232.6	3136.6	3045.2	2994.6
17.5°	4012.7	3912.4	3812.6	3686.1	3559.6	3432.2	3305.2	3193.3	3081.8	2974.9	2931.8
20°	4043.1	3941.9	3840.7	3704.9	3569.0	3419.5	3270.1	3123.0	2975.9	2834.4	2807.2
22.5°	4075.9	3983.1	3890.9	3741.4	3592.4	3409.7	3227.0	3042.4	2857.8	2689.2	2663.4
25°	4127.4	4047.3	3967.2	3804.2	3641.1	3408.8	3176.4	2946.4	2716.3	2522.8	2520.5
27.5°	4202.4	4141.0	4079.7	3896.0	3712.8	3417.7	3122.5	2848.0	2573.0	2375.3	2387.0
30°	4307.8	4259.6	4211.8	4004.7	3797.2	3436.9	3077.1	2762.2	2447.9	2255.8	2268.5
32.5°	4436.7	4406.7	4376.7	4132.6	3888.5	3458.4	3028.8	2687.3	2346.2	2169.1	2169.1
35°	4654.5	4617.0	4579.5	4268.5	3957.8	3453.3	2949.2	2602.0	2254.4	2117.6	2088.6
37.5°	4930.9	4886.4	4841.9	4434.3	4026.7	3438.8	2850.8	2507.4	2164.4	2056.7	2001.4
40°	5338.5	5250.9	5162.8	4624.0	4085.3	3406.0	2726.6	2394.5	2062.3	1977.1	1907.7
42.5°	5910.1	5724.5	5538.6	4833.9	4128.4	3349.3	2569.7	2260.0	1949.9	1890.4	1804.6
45°	6619.8	6322.3	6024.8	5118.8	4212.7	3310.4	2408.1	2123.2	1838.8	1785.0	1699.7
47.5°	7299.2	6922.5	6545.8	5411.6	4277.4	3264.9	2252.5	1987.4	1723.1	1660.8	1581.2
50°	8086.2	7575.6	7064.9	5666.9	4268.9	3187.6	2105.9	1866.5	1626.6	1541.3	1462.6
52.5°	9095.8	8284.9	7473.4	5787.8	4101.7	3029.3	1957.4	1757.8	1559.2	1450.0	1365.7
55°	10302.2	8997.5	7692.7	5755.9	3819.2	2819.4	1818.7	1666.9	1514.2	1405.5	1306.2
57.5°	11532.0	9595.7	7659.9	5582.1	3504.3	2599.7	1695.0	1590.1	1485.1	1393.8	1272.0
60°	12454.9	9863.7	7272.0	5165.6	3059.3	2321.9	1584.5	1510.9	1437.3	1365.7	1243.9
62.5°	12073.1	9269.2	6465.2	4483.0	2500.8	1969.6	1438.3	1397.1	1356.3	1325.8	1209.7
65°	*10784.8*	*7994.9*	*5205.0*	*3516.5*	*1828.1*	*1547.9*	*1267.3*	*1258.4*	*1249.9*	*1241.5*	*1145.5*
67.5°	9576.0	6866.3	4156.5	2736.5	1316.5	1183.4	1050.4	1075.2	1100.0	1112.7	1047.1
70°	8418.9	5833.2	3247.6	2097.0	946.4	899.5	852.7	889.7	926.7	922.9	891.1
72.5°	7226.5	4843.8	2460.5	1576.5	692.4	691.5	691.0	719.1	747.2	709.8	729.9
75°	5917.1	3867.4	1817.8	1168.4	519.1	515.8	513.0	546.3	580.0	595.0	608.1
77.5°	3935.4	2537.4	1139.4	755.2	371.0	373.9	375.7	412.3	448.8	491.9	494.3
80°	2309.7	1454.7	599.7	417.4	235.2	238.0	239.9	278.3	316.2	377.1	374.8
82.5°	1154.8	729.0	303.6	224.4	145.2	145.7	146.2	164.9	183.7	217.9	227.2
85°	262.4	173.3	84.3	71.2	58.6	61.4	64.7	76.8	89.0	107.8	113.4
87.5°	21.1	20.6	19.7	19.2	18.7	19.7	21.1	23.4	25.8	28.1	32.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	3003.5	2978.7	2959.0	2939.8	2922.9	2905.6	2885.5	2864.8	2850.3	2835.3	2825.5
5°	2957.1	2913.1	2876.6	2840.0	2810.0	2779.1	2751.9	2724.3	2702.7	2680.7	2662.9
7.5°	2942.6	2888.3	2841.0	2793.2	2752.9	2712.6	2678.9	2644.7	2612.3	2580.5	2559.9
10°	2943.1	2885.9	2837.2	2788.5	2745.9	2703.2	2658.7	2614.2	2578.6	2543.0	2512.1
12.5°	2959.0	2911.7	2877.5	2843.8	2804.4	2765.1	2712.1	2658.7	2610.5	2562.7	2524.7
15°	2963.7	2932.8	2930.0	2927.2	2913.6	2900.0	2850.8	2801.6	2735.1	2668.1	2613.7
17.5°	2927.6	2923.4	2969.8	3016.2	3042.9	3069.6	3035.4	3000.7	2907.0	2813.3	2732.3
20°	2833.9	2860.2	2951.1	3041.5	3113.6	3185.8	3182.0	3178.7	3056.5	2933.7	2827.4
22.5°	2702.7	2741.6	2860.2	2978.7	3082.7	3186.7	3213.4	3239.6	3119.7	2999.3	2868.1
25°	2563.1	2605.8	2715.4	2825.0	2937.0	3049.0	3098.6	3148.3	3049.4	2950.6	2823.2
27.5°	2427.7	2469.0	2550.5	2632.0	2722.0	2811.9	2867.7	2923.4	2863.0	2802.5	2699.5
30°	2300.3	2332.2	2391.2	2450.2	2511.1	2572.0	2616.5	2661.1	2621.2	2581.4	2507.4
32.5°	2182.7	2196.3	2234.7	2273.1	2318.6	2363.6	2388.4	2412.8	2381.8	2350.9	2302.2
35°	2077.3	2066.1	2091.4	2116.7	2153.2	2190.2	2209.0	2227.7	2201.9	2176.2	2132.6
37.5°	1971.4	1940.5	1952.7	1963.9	1995.3	2026.2	2052.9	2080.1	2061.4	2042.6	2005.6
40°	1862.7	1817.8	1816.8	1815.4	1845.4	1874.9	1908.6	1941.9	1938.6	1934.9	1899.7
42.5°	1747.5	1690.3	1684.2	1678.2	1707.7	1737.2	1772.8	1808.4	1815.4	1822.4	1793.4
45°	1640.7	1582.6	1573.2	1563.8	1589.1	1615.4	1654.3	1693.6	1710.0	1726.4	1700.2
47.5°	1531.0	1480.4	1474.8	1468.7	1495.4	1522.6	1565.7	1609.3	1626.6	1644.4	1626.6
50°	1421.4	1379.7	1386.7	1393.8	1423.3	1452.3	1486.1	1520.3	1552.6	1584.5	1581.2
52.5°	1334.7	1303.4	1325.4	1346.9	1373.6	1400.8	1435.9	1471.1	1504.8	1539.0	1544.2
55°	1271.5	1236.8	1267.7	1298.7	1331.0	1363.3	1396.1	1428.9	1460.8	1492.2	1499.2
57.5°	1223.2	1175.0	1205.9	1236.8	1272.0	1307.1	1339.9	1372.7	1409.7	1446.7	1452.3
60°	1183.0	1122.0	1142.7	1162.8	1198.9	1234.5	1268.7	1302.4	1339.9	1377.4	1384.9
62.5°	1130.0	1050.4	1053.2	1055.1	1095.8	1136.1	1164.2	1192.3	1227.9	1264.0	1274.8
65°	*1059.7*	*974.5*	*965.1*	*955.7*	*994.1*	*1033.0*	*1055.1*	*1077.5*	*1108.5*	*1139.4*	*1150.2*
67.5°	971.7	895.8	876.6	857.3	893.0	928.6	946.8	965.1	986.2	1007.3	1019.4
70°	846.1	801.1	788.9	776.8	805.8	834.9	850.8	866.7	883.6	900.4	907.0
72.5°	719.6	709.8	700.9	692.4	714.5	736.5	750.1	763.6	779.6	795.5	799.3
75°	602.5	597.3	590.8	584.7	601.5	618.4	628.7	639.5	655.9	672.3	679.3
77.5°	482.1	469.4	462.9	455.4	470.8	486.3	496.1	506.0	519.6	533.1	535.0
80°	359.8	344.3	339.2	333.6	344.8	356.1	359.8	363.1	374.3	385.1	385.1
82.5°	227.2	227.2	223.9	220.2	217.9	215.5	210.8	206.1	217.4	228.6	232.4
85°	114.3	114.8	109.6	104.0	97.4	90.0	88.5	86.7	86.2	85.3	88.5
87.5°	35.6	38.4	41.2	43.1	45.9	47.8	46.4	44.5	42.6	41.2	37.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	2815.7	2811.0	2806.3	2802.5	2799.3	2796.9	2799.3	2802.5	2806.3	2811.0	2815.7
5°	2644.7	2637.2	2629.2	2624.0	2618.9	2614.2	2618.9	2624.0	2629.2	2637.2	2644.7
7.5°	2539.2	2527.1	2514.9	2506.0	2497.1	2492.4	2497.1	2506.0	2514.9	2527.1	2539.2
10°	2482.1	2464.8	2447.9	2438.5	2429.1	2422.1	2429.1	2438.5	2447.9	2464.8	2482.1
12.5°	2486.8	2465.2	2444.6	2430.6	2416.5	2408.1	2416.5	2430.6	2444.6	2465.2	2486.8
15°	2558.9	2528.9	2498.0	2480.7	2463.3	2450.2	2463.3	2480.7	2498.0	2528.9	2558.9
17.5°	2651.7	2607.6	2563.6	2548.1	2532.2	2525.2	2532.2	2548.1	2563.6	2607.6	2651.7
20°	2721.0	2662.0	2603.9	2580.5	2557.0	2548.6	2557.0	2580.5	2603.9	2662.0	2721.0
22.5°	2736.9	2667.6	2597.8	2575.8	2553.3	2543.9	2553.3	2575.8	2597.8	2667.6	2736.9
25°	2696.2	2623.1	2549.6	2527.1	2504.1	2497.1	2504.1	2527.1	2549.6	2623.1	2696.2
27.5°	2596.4	2531.7	2466.6	2442.7	2418.4	2403.4	2418.4	2442.7	2466.6	2531.7	2596.4
30°	2433.8	2385.6	2337.8	2322.8	2307.3	2300.3	2307.3	2322.8	2337.8	2385.6	2433.8
32.5°	2253.5	2223.5	2193.5	2183.7	2173.8	2169.1	2173.8	2183.7	2193.5	2223.5	2253.5
35°	2089.5	2067.9	2046.4	2038.4	2030.9	2023.9	2030.9	2038.4	2046.4	2067.9	2089.5
37.5°	1968.6	1943.3	1917.1	1903.0	1889.0	1878.7	1889.0	1903.0	1917.1	1943.3	1968.6
40°	1864.6	1828.1	1792.0	1772.8	1753.1	1742.8	1753.1	1772.8	1792.0	1828.1	1864.6
42.5°	1763.9	1721.7	1679.6	1650.0	1621.0	1602.3	1621.0	1650.0	1679.6	1721.7	1763.9
45°	1673.5	1626.1	1578.8	1543.7	1508.6	1485.1	1508.6	1543.7	1578.8	1626.1	1673.5
47.5°	1609.3	1568.5	1527.3	1496.4	1465.5	1443.0	1465.5	1496.4	1527.3	1568.5	1609.3
50°	1577.9	1545.6	1513.2	1484.2	1454.7	1433.6	1454.7	1484.2	1513.2	1545.6	1577.9
52.5°	1549.8	1526.4	1502.9	1477.6	1452.3	1433.6	1452.3	1477.6	1502.9	1526.4	1549.8
55°	1506.2	1489.3	1472.0	1453.3	1434.5	1419.5	1434.5	1453.3	1472.0	1489.3	1506.2
57.5°	1458.0	1440.2	1421.9	1407.8	1393.8	1386.7	1393.8	1407.8	1421.9	1440.2	1458.0
60°	1392.4	1378.3	1364.3	1351.1	1337.6	1325.8	1337.6	1351.1	1364.3	1378.3	1392.4
62.5°	1286.0	1279.5	1273.4	1258.4	1243.9	1227.5	1243.9	1258.4	1273.4	1279.5	1286.0
65°	*1160.9*	*1157.7*	*1154.8*	*1144.1*	*1133.8*	*1115.0*	*1133.8*	*1144.1*	*1154.8*	*1157.7*	*1160.9*
67.5°	1031.6	1025.5	1019.0	1007.7	997.0	993.2	997.0	1007.7	1019.0	1025.5	1031.6
70°	913.6	904.2	894.8	869.5	844.2	815.2	844.2	869.5	894.8	904.2	913.6
72.5°	803.5	788.9	774.0	744.4	714.5	684.0	714.5	744.4	774.0	788.9	803.5
75°	686.3	665.7	645.6	614.2	583.3	562.2	583.3	614.2	645.6	665.7	686.3
77.5°	537.8	520.0	502.2	483.5	464.7	454.4	464.7	483.5	502.2	520.0	537.8
80°	385.1	372.0	358.4	349.0	339.7	332.6	339.7	349.0	358.4	372.0	385.1
82.5°	236.6	230.5	224.9	214.6	203.8	196.8	203.8	214.6	224.9	230.5	236.6
85°	91.4	90.0	89.0	85.3	82.0	79.6	82.0	85.3	89.0	90.0	91.4
87.5°	33.7	30.9	28.1	26.2	24.4	23.4	24.4	26.2	28.1	30.9	33.7
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: P1364183
CATALOG NUMBER: GSS-SB5A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	2825.5	2835.3	2850.3	2864.8	2885.5	2905.6	2922.9	2939.8	2959.0	2978.7	3003.5
5°	2662.9	2680.7	2702.7	2724.3	2751.9	2779.1	2810.0	2840.0	2876.6	2913.1	2957.1
7.5°	2559.9	2580.5	2612.3	2644.7	2678.9	2712.6	2752.9	2793.2	2841.0	2888.3	2942.6
10°	2512.1	2543.0	2578.6	2614.2	2658.7	2703.2	2745.9	2788.5	2837.2	2885.9	2943.1
12.5°	2524.7	2562.7	2610.5	2658.7	2712.1	2765.1	2804.4	2843.8	2877.5	2911.7	2959.0
15°	2613.7	2668.1	2735.1	2801.6	2850.8	2900.0	2913.6	2927.2	2930.0	2932.8	2963.7
17.5°	2732.3	2813.3	2907.0	3000.7	3035.4	3069.6	3042.9	3016.2	2969.8	2923.4	2927.6
20°	2827.4	2933.7	3056.5	3178.7	3182.0	3185.8	3113.6	3041.5	2951.1	2860.2	2833.9
22.5°	2868.1	2999.3	3119.7	3239.6	3213.4	3186.7	3082.7	2978.7	2860.2	2741.6	2702.7
25°	2823.2	2950.6	3049.4	3148.3	3098.6	3049.0	2937.0	2825.0	2715.4	2605.8	2563.1
27.5°	2699.5	2802.5	2863.0	2923.4	2867.7	2811.9	2722.0	2632.0	2550.5	2469.0	2427.7
30°	2507.4	2581.4	2621.2	2661.1	2616.5	2572.0	2511.1	2450.2	2391.2	2332.2	2300.3
32.5°	2302.2	2350.9	2381.8	2412.8	2388.4	2363.6	2318.6	2273.1	2234.7	2196.3	2182.7
35°	2132.6	2176.2	2201.9	2227.7	2209.0	2190.2	2153.2	2116.7	2091.4	2066.1	2077.3
37.5°	2005.6	2042.6	2061.4	2080.1	2052.9	2026.2	1995.3	1963.9	1952.7	1940.5	1971.4
40°	1899.7	1934.9	1938.6	1941.9	1908.6	1874.9	1845.4	1815.4	1816.8	1817.8	1862.7
42.5°	1793.4	1822.4	1815.4	1808.4	1772.8	1737.2	1707.7	1678.2	1684.2	1690.3	1747.5
45°	1700.2	1726.4	1710.0	1693.6	1654.3	1615.4	1589.1	1563.8	1573.2	1582.6	1640.7
47.5°	1626.6	1644.4	1626.6	1609.3	1565.7	1522.6	1495.4	1468.7	1474.8	1480.4	1531.0
50°	1581.2	1584.5	1552.6	1520.3	1486.1	1452.3	1423.3	1393.8	1386.7	1379.7	1421.4
52.5°	1544.2	1539.0	1504.8	1471.1	1435.9	1400.8	1373.6	1346.9	1325.4	1303.4	1334.7
55°	1499.2	1492.2	1460.8	1428.9	1396.1	1363.3	1331.0	1298.7	1267.7	1236.8	1271.5
57.5°	1452.3	1446.7	1409.7	1372.7	1339.9	1307.1	1272.0	1236.8	1205.9	1175.0	1223.2
60°	1384.9	1377.4	1339.9	1302.4	1268.7	1234.5	1198.9	1162.8	1142.7	1122.0	1183.0
62.5°	1274.8	1264.0	1227.9	1192.3	1164.2	1136.1	1095.8	1055.1	1053.2	1050.4	1130.0
65°	*1150.2*	*1139.4*	*1108.5*	*1077.5*	*1055.1*	*1033.0*	*994.1*	*955.7*	*965.1*	*974.5*	*1059.7*
67.5°	1019.4	1007.3	986.2	965.1	946.8	928.6	893.0	857.3	876.6	895.8	971.7
70°	907.0	900.4	883.6	866.7	850.8	834.9	805.8	776.8	788.9	801.1	846.1
72.5°	799.3	795.5	779.6	763.6	750.1	736.5	714.5	692.4	700.9	709.8	719.6
75°	679.3	672.3	655.9	639.5	628.7	618.4	601.5	584.7	590.8	597.3	602.5
77.5°	535.0	533.1	519.6	506.0	496.1	486.3	470.8	455.4	462.9	469.4	482.1
80°	385.1	385.1	374.3	363.1	359.8	356.1	344.8	333.6	339.2	344.3	359.8
82.5°	232.4	228.6	217.4	206.1	210.8	215.5	217.9	220.2	223.9	227.2	227.2
85°	88.5	85.3	86.2	86.7	88.5	90.0	97.4	104.0	109.6	114.8	114.3
87.5°	37.5	41.2	42.6	44.5	46.4	47.8	45.9	43.1	41.2	38.4	35.6
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: P1364183
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	3028.8	3052.2	3079.0	3105.7	3131.9	3159.5	3186.7	3213.9	3241.1	3270.6	3300.5
5°	3002.1	3047.6	3100.5	3151.1	3202.2	3256.0	3309.9	3364.7	3420.0	3472.5	3525.4
7.5°	2997.4	3052.2	3122.5	3190.0	3257.0	3331.9	3406.9	3490.8	3574.6	3663.6	3752.6
10°	3000.7	3059.3	3134.2	3211.5	3288.8	3381.6	3473.9	3578.4	3682.4	3789.2	3895.5
12.5°	3006.8	3064.0	3145.9	3230.7	3316.0	3419.5	3523.1	3639.7	3756.4	3862.3	3968.2
15°	2994.6	3045.2	3136.6	3232.6	3328.7	3440.6	3552.1	3670.7	3789.2	3896.0	4003.3
17.5°	2931.8	2974.9	3081.8	3193.3	3305.2	3432.2	3559.6	3686.1	3812.6	3912.4	4012.7
20°	2807.2	2834.4	2975.9	3123.0	3270.1	3419.5	3569.0	3704.9	3840.7	3941.9	4043.1
22.5°	2663.4	2689.2	2857.8	3042.4	3227.0	3409.7	3592.4	3741.4	3890.9	3983.1	4075.9
25°	2520.5	2522.8	2716.3	2946.4	3176.4	3408.8	3641.1	3804.2	3967.2	4047.3	4127.4
27.5°	2387.0	2375.3	2573.0	2848.0	3122.5	3417.7	3712.8	3896.0	4079.7	4141.0	4202.4
30°	2268.5	2255.8	2447.9	2762.2	3077.1	3436.9	3797.2	4004.7	4211.8	4259.6	4307.8
32.5°	2169.1	2169.1	2346.2	2687.3	3028.8	3458.4	3888.5	4132.6	4376.7	4406.7	4436.7
35°	2088.6	2117.6	2254.4	2602.0	2949.2	3453.3	3957.8	4268.5	4579.5	4617.0	4654.5
37.5°	2001.4	2056.7	2164.4	2507.4	2850.8	3438.8	4026.7	4434.3	4841.9	4886.4	4930.9
40°	1907.7	1977.1	2062.3	2394.5	2726.6	3406.0	4085.3	4624.0	5162.8	5250.9	5338.5
42.5°	1804.6	1890.4	1949.9	2260.0	2569.7	3349.3	4128.4	4833.9	5538.6	5724.5	5910.1
45°	1699.7	1785.0	1838.8	2123.2	2408.1	3310.4	4212.7	5118.8	6024.8	6322.3	6619.8
47.5°	1581.2	1660.8	1723.1	1987.4	2252.5	3264.9	4277.4	5411.6	6545.8	6922.5	7299.2
50°	1462.6	1541.3	1626.6	1866.5	2105.9	3187.6	4268.9	5666.9	7064.9	7575.6	8086.2
52.5°	1365.7	1450.0	1559.2	1757.8	1957.4	3029.3	4101.7	5787.8	7473.4	8284.9	9095.8
55°	1306.2	1405.5	1514.2	1666.9	1818.7	2819.4	3819.2	5755.9	7692.7	8997.5	10302.2
57.5°	1272.0	1393.8	1485.1	1590.1	1695.0	2599.7	3504.3	5582.1	7659.9	9595.7	11532.0
60°	1243.9	1365.7	1437.3	1510.9	1584.5	2321.9	3059.3	5165.6	7272.0	9863.7	12454.9
62.5°	1209.7	1325.8	1356.3	1397.1	1438.3	1969.6	2500.8	4483.0	6465.2	9269.2	12073.1
65°	*1145.5*	*1241.5*	*1249.9*	*1258.4*	*1267.3*	*1547.9*	*1828.1*	*3516.5*	*5205.0*	*7994.9*	*10784.8*
67.5°	1047.1	1112.7	1100.0	1075.2	1050.4	1183.4	1316.5	2736.5	4156.5	6866.3	9576.0
70°	891.1	922.9	926.7	889.7	852.7	899.5	946.4	2097.0	3247.6	5833.2	8418.9
72.5°	729.9	709.8	747.2	719.1	691.0	691.5	692.4	1576.5	2460.5	4843.8	7226.5
75°	608.1	595.0	580.0	546.3	513.0	515.8	519.1	1168.4	1817.8	3867.4	5917.1
77.5°	494.3	491.9	448.8	412.3	375.7	373.9	371.0	755.2	1139.4	2537.4	3935.4
80°	374.8	377.1	316.2	278.3	239.9	238.0	235.2	417.4	599.7	1454.7	2309.7
82.5°	227.2	217.9	183.7	164.9	146.2	145.7	145.2	224.4	303.6	729.0	1154.8
85°	113.4	107.8	89.0	76.8	64.7	61.4	58.6	71.2	84.3	173.3	262.4
87.5°	32.8	28.1	25.8	23.4	21.1	19.7	18.7	19.2	19.7	20.6	21.1
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364183
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	*3054.6*	3054.6	3054.6
2.5°	3312.3	3324.0	3336.6	3349.7	3357.2	3364.7	3372.7	3380.2	*3387.2*	3380.2	3372.7
5°	3578.4	3630.8	3666.4	3702.0	3729.2	3756.4	3771.9	3787.8	*3790.1*	3787.8	3771.9
7.5°	3815.4	3878.2	3932.5	3986.9	4021.6	4056.2	4076.4	4097.0	*4104.0*	4097.0	4076.4
10°	3969.1	4043.1	4095.6	4148.5	4180.9	4212.7	4228.6	4244.6	*4249.3*	4244.6	4228.6
12.5°	4038.9	4109.6	4150.4	4190.7	4211.3	4231.4	4238.9	4245.5	*4239.9*	4245.5	4238.9
15°	4045.0	4086.2	4103.6	4120.4	4110.6	4100.3	4085.7	4071.2	*4061.9*	4071.2	4085.7
17.5°	4027.2	4042.2	4010.8	3979.9	3923.6	3867.4	3825.3	3783.1	*3752.6*	3783.1	3825.3
20°	4019.7	3996.3	3912.9	3829.9	3724.5	3619.1	3548.4	3477.2	*3434.1*	3477.2	3548.4
22.5°	4009.9	3943.8	3803.7	3663.6	3519.3	3375.5	3294.0	3212.9	*3167.0*	3212.9	3294.0
25°	4014.1	3900.2	3711.0	3522.1	3352.6	3183.4	3094.9	3006.8	*2956.2*	3006.8	3094.9
27.5°	4029.1	3855.7	3621.5	3387.2	3203.6	3019.5	2935.1	2850.8	*2806.3*	2850.8	2935.1
30°	4077.8	3847.3	3567.1	3286.5	3094.4	2902.3	2819.9	2736.9	*2689.2*	2736.9	2819.9
32.5°	4146.2	3855.7	3541.8	3227.9	3032.1	2836.7	2757.6	2678.9	*2637.6*	2678.9	2757.6
35°	4286.7	3919.0	3570.9	3223.2	3041.5	2860.2	2802.1	2744.4	*2722.0*	2744.4	2802.1
37.5°	4501.3	4071.2	3712.8	3354.4	3230.7	3107.1	3107.1	3107.1	*3124.9*	3107.1	3107.1
40°	4856.0	4373.4	4034.2	3695.5	3688.0	3681.4	3760.1	3839.3	*3874.5*	3839.3	3760.1
42.5°	5399.9	4890.2	4616.6	4343.0	4506.9	4670.9	4898.6	5126.3	*5275.3*	5126.3	4898.6
45°	6123.2	5626.6	5435.5	5244.8	5609.8	5974.3	6376.7	6779.1	*7064.9*	6779.1	6376.7
47.5°	6881.3	6462.9	6353.7	6245.0	6851.7	7458.4	8048.3	8638.1	*8985.7*	8638.1	8048.3
50°	7710.5	7334.3	7313.2	7292.1	8100.3	8908.4	9669.7	10431.0	*10855.0*	10431.0	9669.7
52.5°	8683.1	8269.9	8286.7	8302.7	9262.6	10222.6	11143.2	12063.8	*12541.6*	12063.8	11143.2
55°	9784.5	9266.8	9264.0	9261.2	10364.1	11467.8	12598.8	13730.7	*14368.7*	13730.7	12598.8
57.5°	11047.1	10562.2	10447.0	10331.3	11484.7	12637.7	13886.7	15136.1	*15807.0*	15136.1	13886.7
60°	12187.9	11920.9	11736.3	11552.2	12736.5	13921.3	15211.6	16501.3	*17170.4*	16501.3	15211.6
62.5°	12550.5	13027.9	13014.3	13000.7	14279.3	15557.8	16899.6	18242.3	*18842.9*	18242.3	16899.6
65°	*11546.1*	*12307.4*	*12831.1*	*13354.5*	*14900.0*	*16445.1*	*17843.1*	*19241.1*	*19854.8*	*19241.1*	*17843.1*
67.5°	10246.9	10918.3	11347.0	11775.6	13517.0	15258.9	16845.2	18431.5	*19063.1*	18431.5	16845.2
70°	9161.9	9904.9	10211.3	10517.7	11997.2	13476.3	14731.4	15986.0	*16233.4*	15986.0	14731.4
72.5°	8110.1	8994.2	9123.9	9253.7	10330.3	11406.9	12075.5	12744.0	*12204.3*	12744.0	12075.5
75°	6914.1	7910.5	7997.2	8083.9	8419.3	8755.2	8925.3	9095.8	*8789.0*	9095.8	8925.3
77.5°	4798.3	5661.8	5856.2	6050.6	6274.1	6498.0	6486.3	6474.6	*6043.6*	6474.6	6486.3
80°	2984.8	3659.9	3685.2	3710.5	3878.2	4045.5	4216.5	4387.5	*4113.4*	4387.5	4216.5
82.5°	1525.4	1896.5	1953.6	2010.8	2113.4	2216.0	2263.8	2312.0	*2080.1*	2312.0	2263.8
85°	358.9	455.4	548.6	641.8	749.6	857.3	845.2	833.0	*702.7*	833.0	845.2
87.5°	21.6	22.5	23.0	23.4	23.9	24.4	25.8	27.2	*28.1*	27.2	25.8
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: P1364183
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6	3054.6
2.5°	3364.7	3357.2	3349.7	3336.6	3324.0	3312.3	3300.5
5°	3756.4	3729.2	3702.0	3666.4	3630.8	3578.4	3525.4
7.5°	4056.2	4021.6	3986.9	3932.5	3878.2	3815.4	3752.6
10°	4212.7	4180.9	4148.5	4095.6	4043.1	3969.1	3895.5
12.5°	4231.4	4211.3	4190.7	4150.4	4109.6	4038.9	3968.2
15°	4100.3	4110.6	4120.4	4103.6	4086.2	4045.0	4003.3
17.5°	3867.4	3923.6	3979.9	4010.8	4042.2	4027.2	4012.7
20°	3619.1	3724.5	3829.9	3912.9	3996.3	4019.7	4043.1
22.5°	3375.5	3519.3	3663.6	3803.7	3943.8	4009.9	4075.9
25°	3183.4	3352.6	3522.1	3711.0	3900.2	4014.1	4127.4
27.5°	3019.5	3203.6	3387.2	3621.5	3855.7	4029.1	4202.4
30°	2902.3	3094.4	3286.5	3567.1	3847.3	4077.8	4307.8
32.5°	2836.7	3032.1	3227.9	3541.8	3855.7	4146.2	4436.7
35°	2860.2	3041.5	3223.2	3570.9	3919.0	4286.7	4654.5
37.5°	3107.1	3230.7	3354.4	3712.8	4071.2	4501.3	4930.9
40°	3681.4	3688.0	3695.5	4034.2	4373.4	4856.0	5338.5
42.5°	4670.9	4506.9	4343.0	4616.6	4890.2	5399.9	5910.1
45°	5974.3	5609.8	5244.8	5435.5	5626.6	6123.2	6619.8
47.5°	7458.4	6851.7	6245.0	6353.7	6462.9	6881.3	7299.2
50°	8908.4	8100.3	7292.1	7313.2	7334.3	7710.5	8086.2
52.5°	10222.6	9262.6	8302.7	8286.7	8269.9	8683.1	9095.8
55°	11467.8	10364.1	9261.2	9264.0	9266.8	9784.5	10302.2
57.5°	12637.7	11484.7	10331.3	10447.0	10562.2	11047.1	11532.0
60°	13921.3	12736.5	11552.2	11736.3	11920.9	12187.9	12454.9
62.5°	15557.8	14279.3	13000.7	13014.3	13027.9	12550.5	12073.1
65°	*16445.1*	*14900.0*	*13354.5*	*12831.1*	*12307.4*	*11546.1*	*10784.8*
67.5°	15258.9	13517.0	11775.6	11347.0	10918.3	10246.9	9576.0
70°	13476.3	11997.2	10517.7	10211.3	9904.9	9161.9	8418.9
72.5°	11406.9	10330.3	9253.7	9123.9	8994.2	8110.1	7226.5
75°	8755.2	8419.3	8083.9	7997.2	7910.5	6914.1	5917.1
77.5°	6498.0	6274.1	6050.6	5856.2	5661.8	4798.3	3935.4
80°	4045.5	3878.2	3710.5	3685.2	3659.9	2984.8	2309.7
82.5°	2216.0	2113.4	2010.8	1953.6	1896.5	1525.4	1154.8
85°	857.3	749.6	641.8	548.6	455.4	358.9	262.4
87.5°	24.4	23.9	23.4	23.0	22.5	21.6	21.1
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

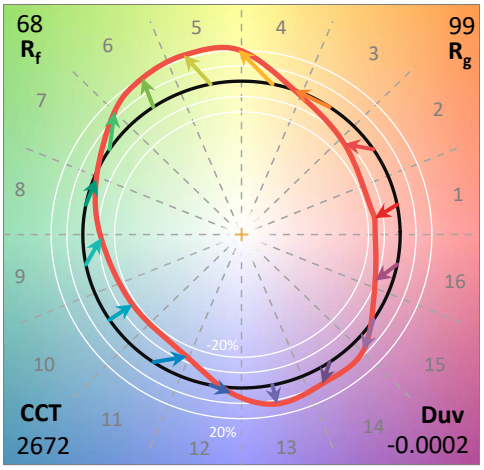
Test Information

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



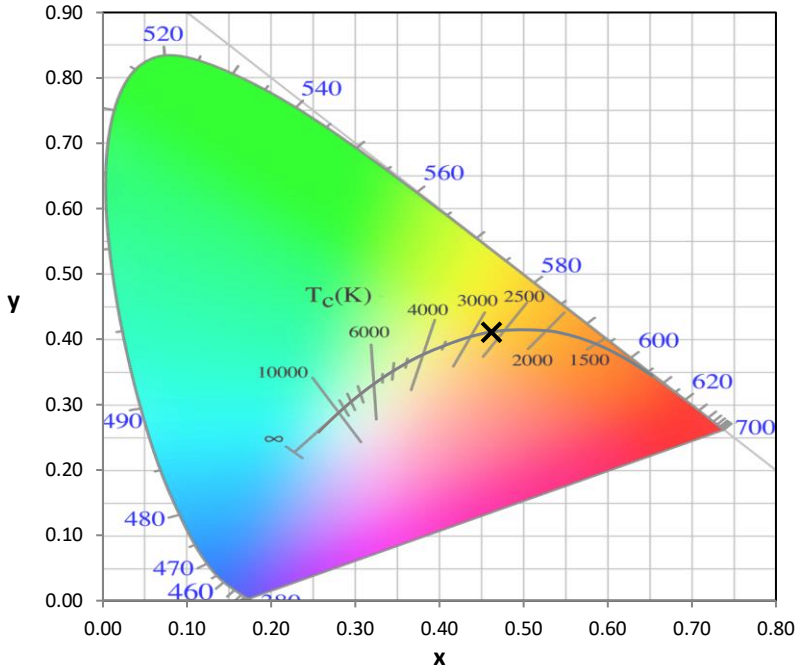
Test Conditions

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

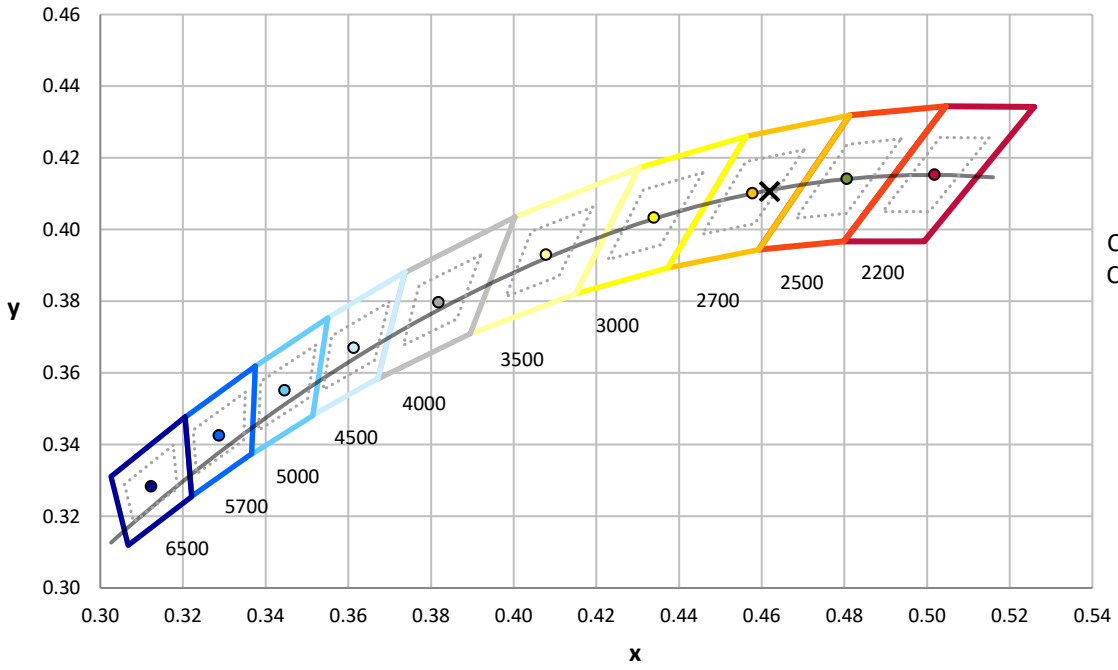
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

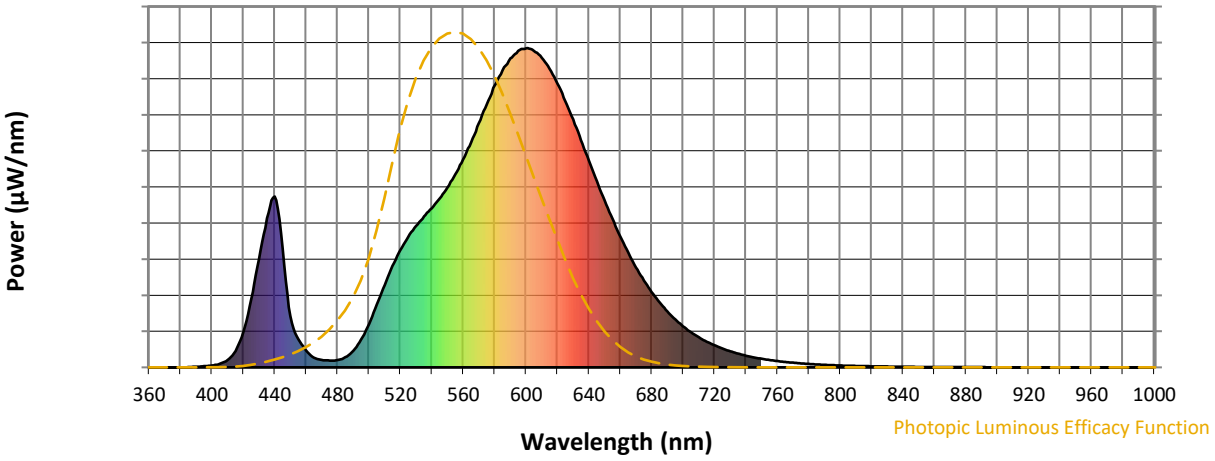


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

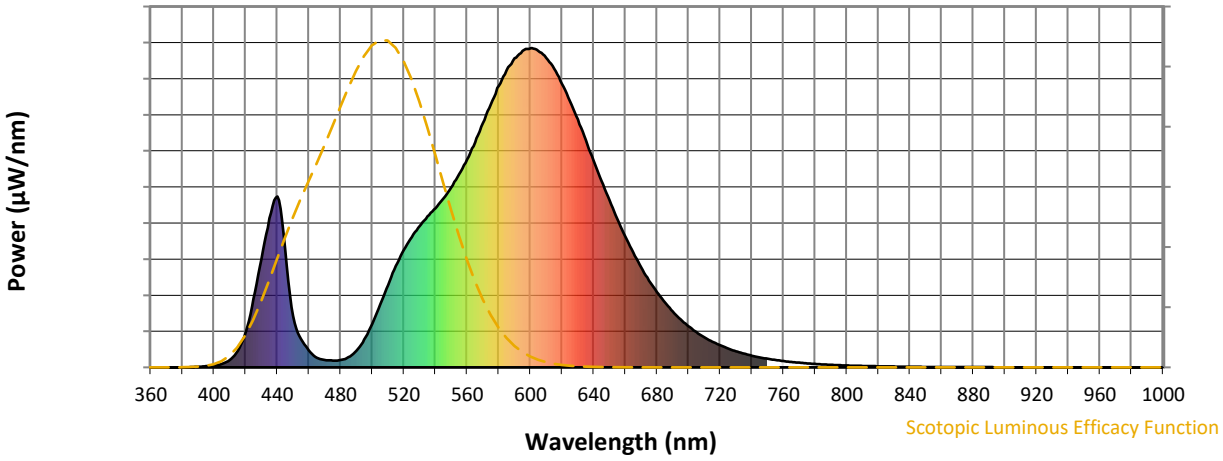


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

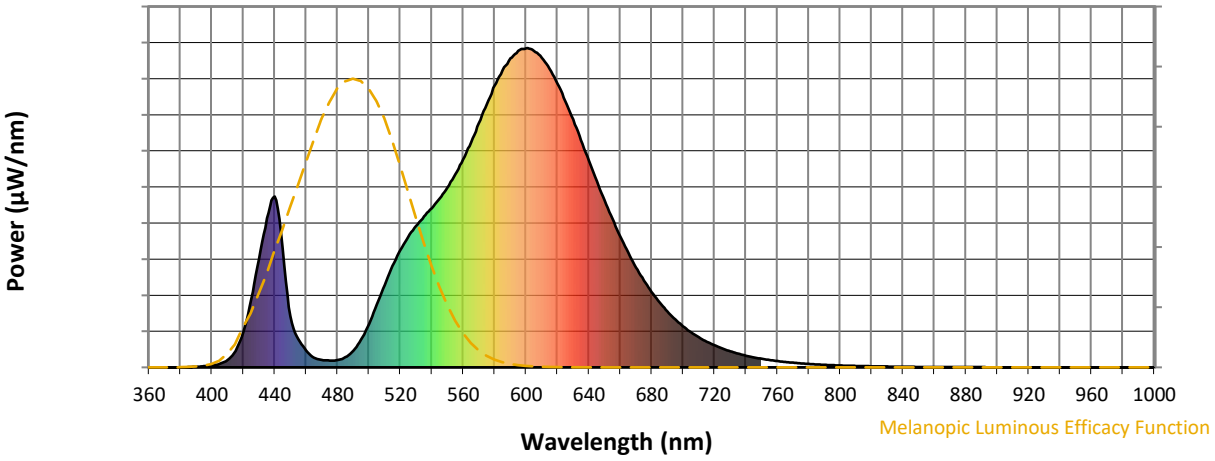


Scotopic Lumens: NR **S/P: 1.02**

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			

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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			

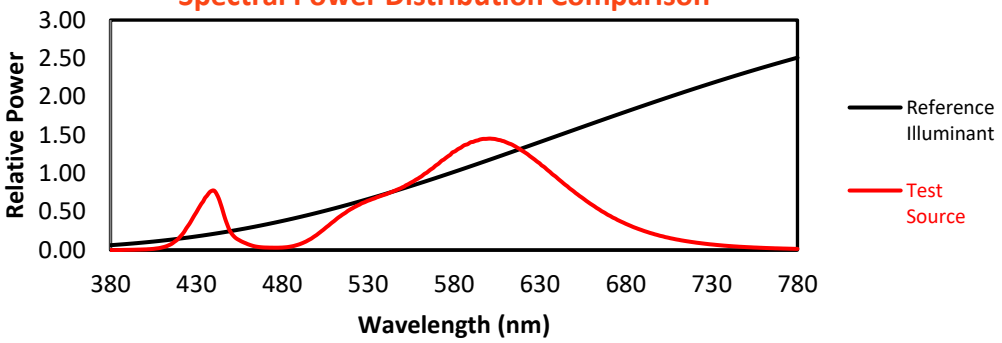
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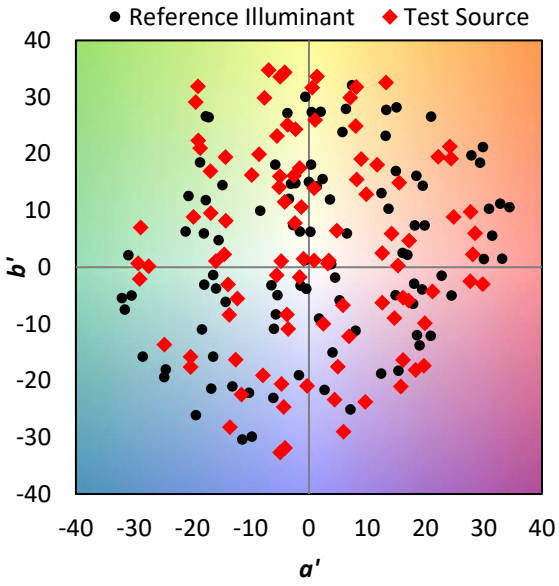
Summary

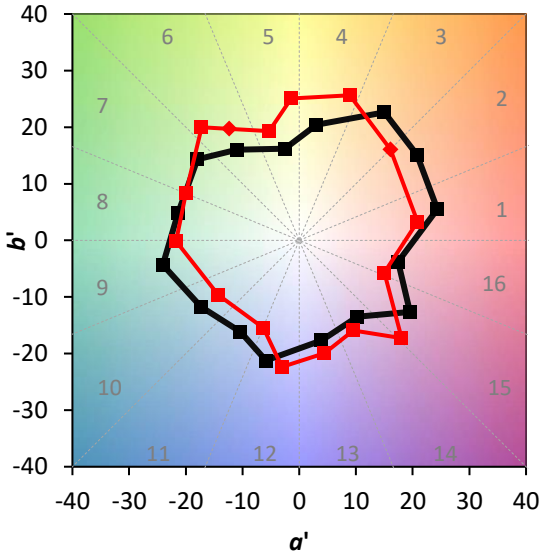
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

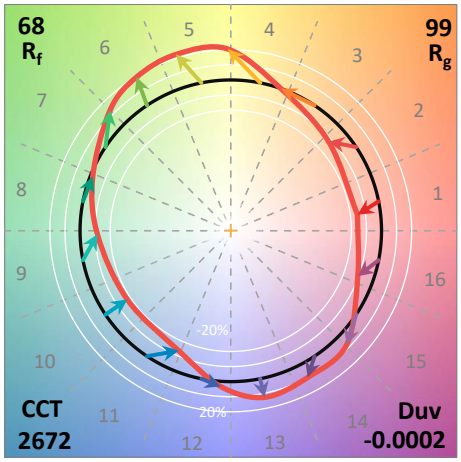
Spectral Power Distribution Comparison

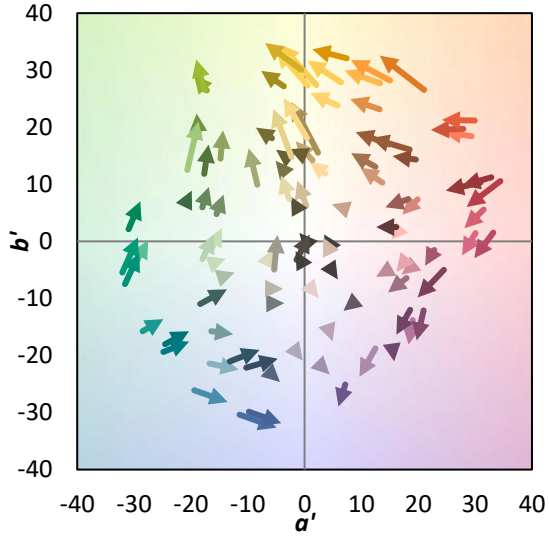


Color Vector Graphics







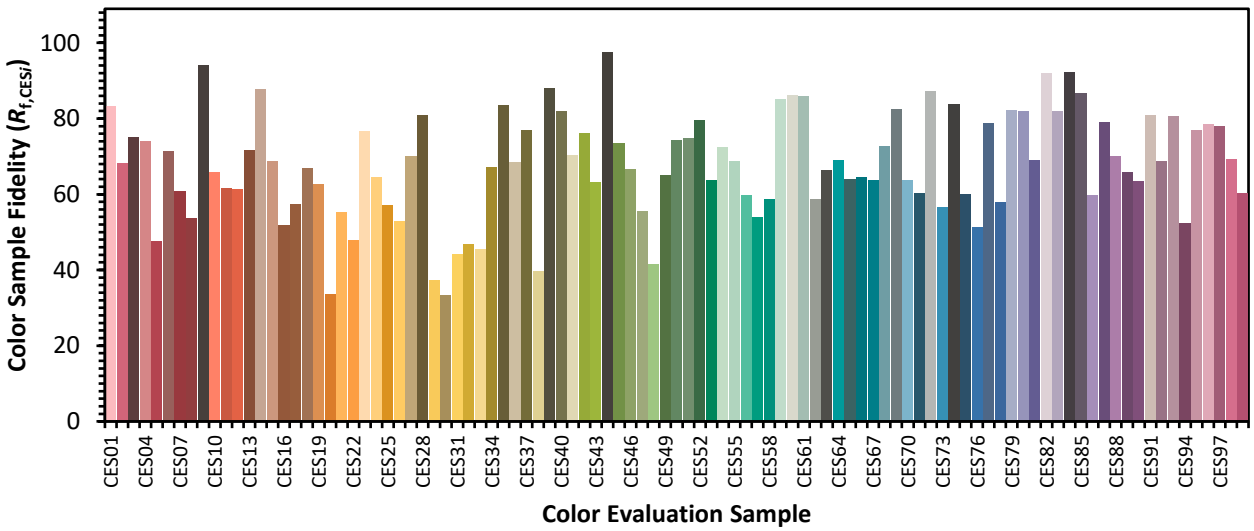


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Individual Sample Fidelity Index ($R_{f,i}$)

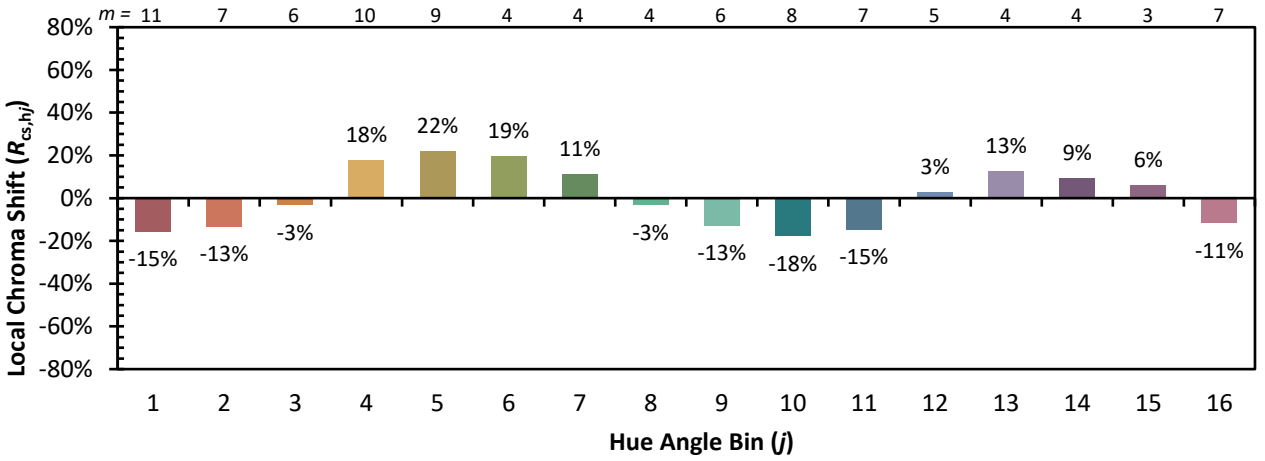
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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	

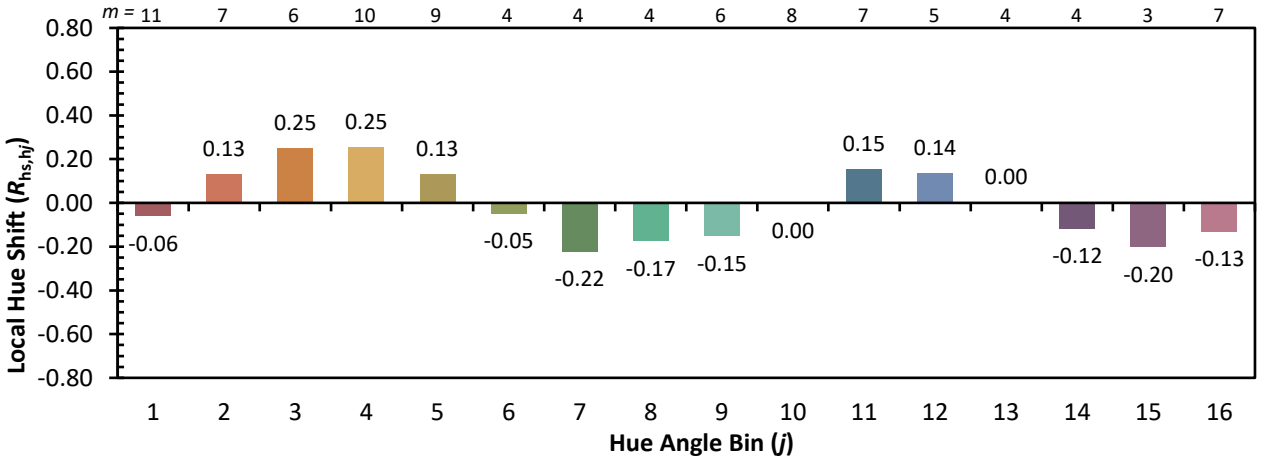


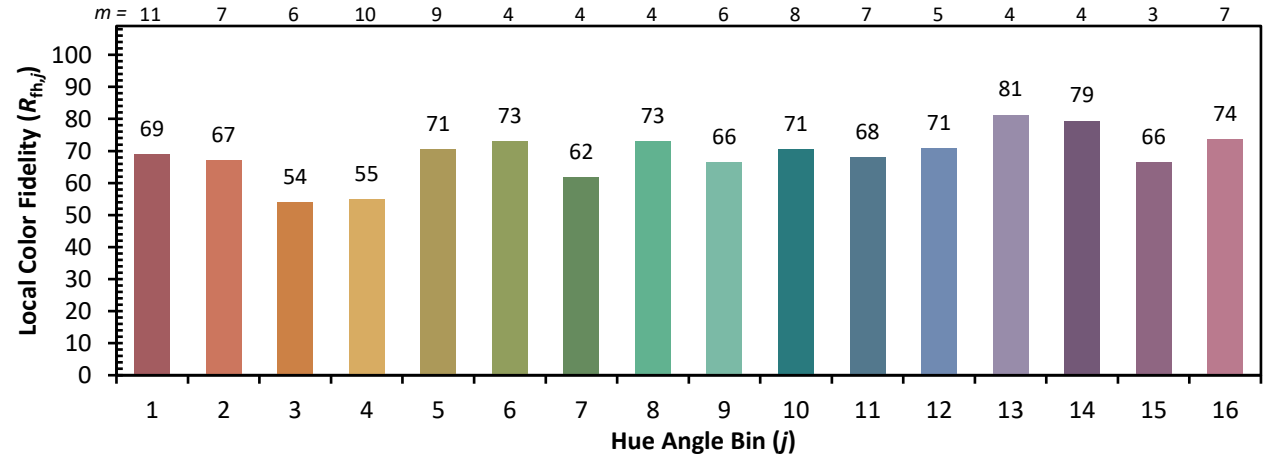
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Color Rendition by Hue-Angle Bin



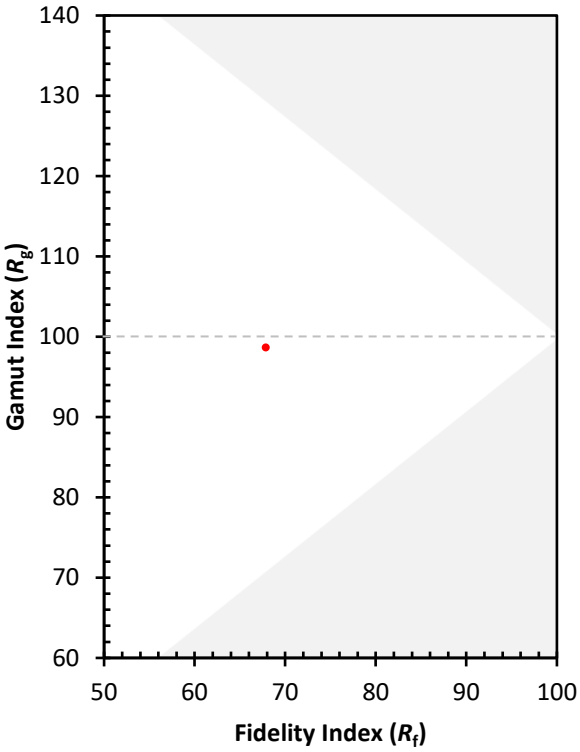


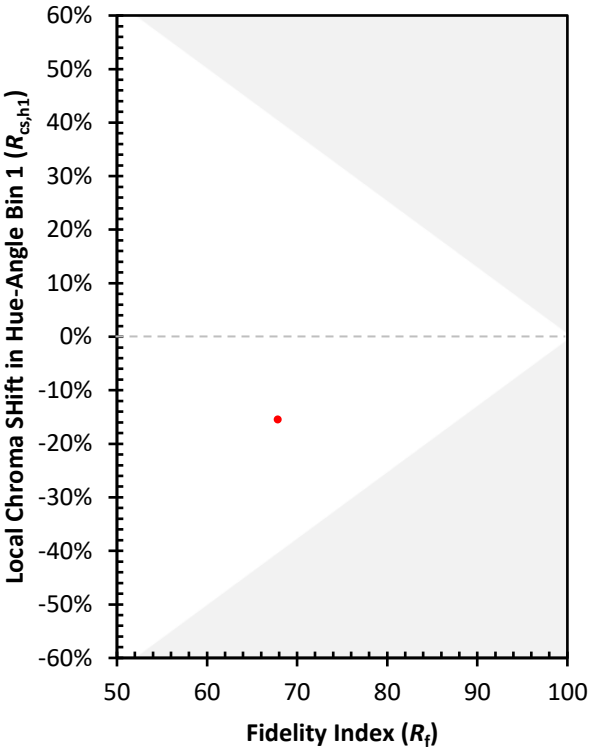


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Measure Comparisons





(END OF REPORT)