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: P1364944

Luminaire Tested: **GSS-SB3B-727-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364944
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13896.1 lumens
Efficiency:	N/A
Efficacy:	127.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

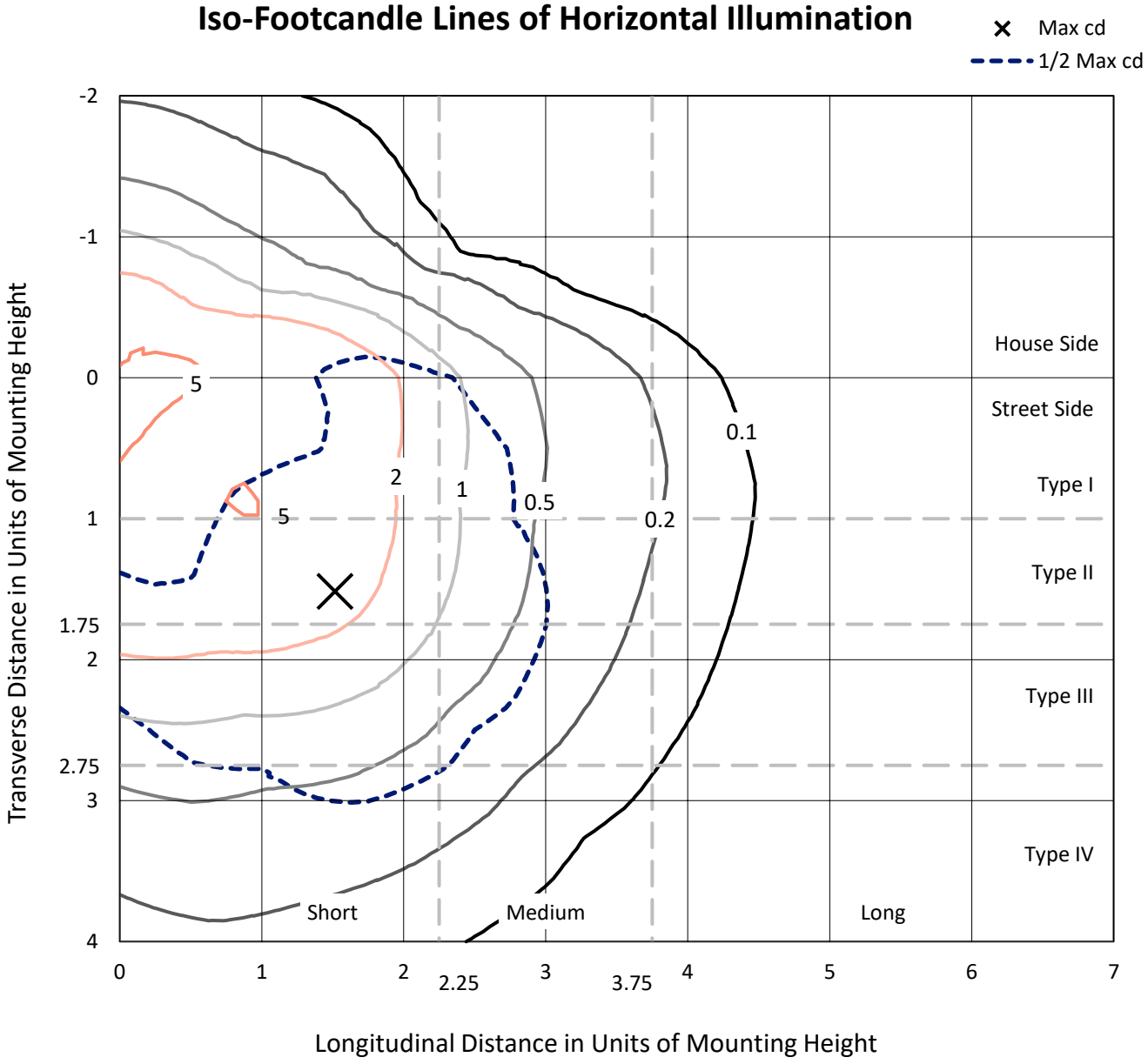
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



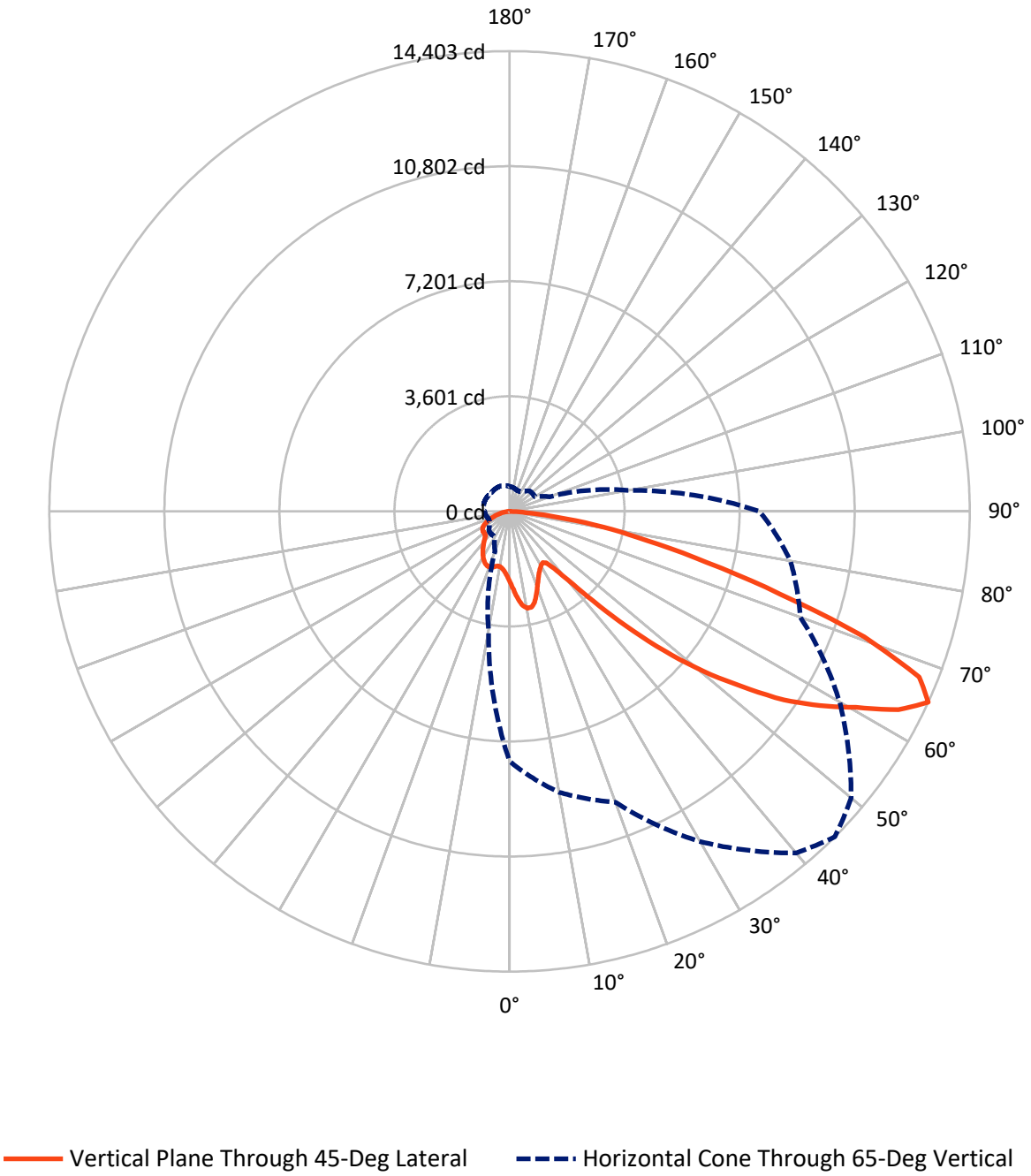
Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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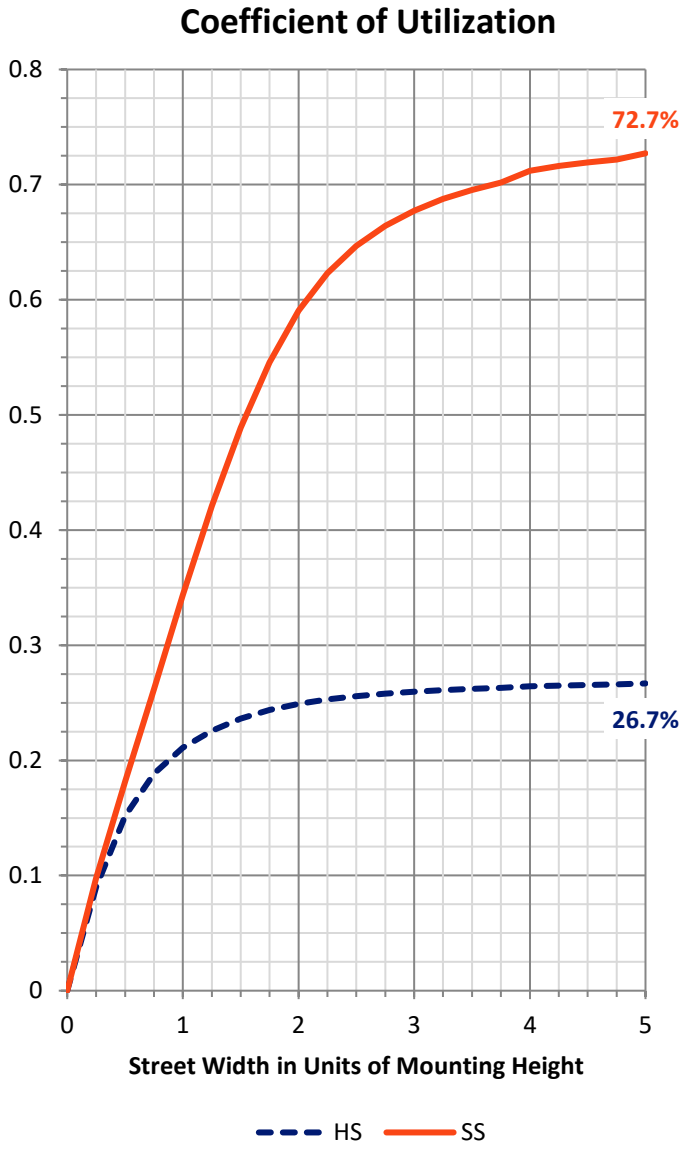
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3738.4	0.0	3738.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	10157.8	0.0	10157.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	13896.1	0.0	13896.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.8	1.6
10°-20°	670.5	4.8
20°-30°	1037.7	7.5
30°-40°	1287.4	9.3
40°-50°	1882.6	13.5
50°-60°	2948.9	21.2
60°-70°	3499.0	25.2
70°-80°	2040.8	14.7
80°-90°	310.5	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°	13896.1	100.0
0°-180°	13896.1	100.0



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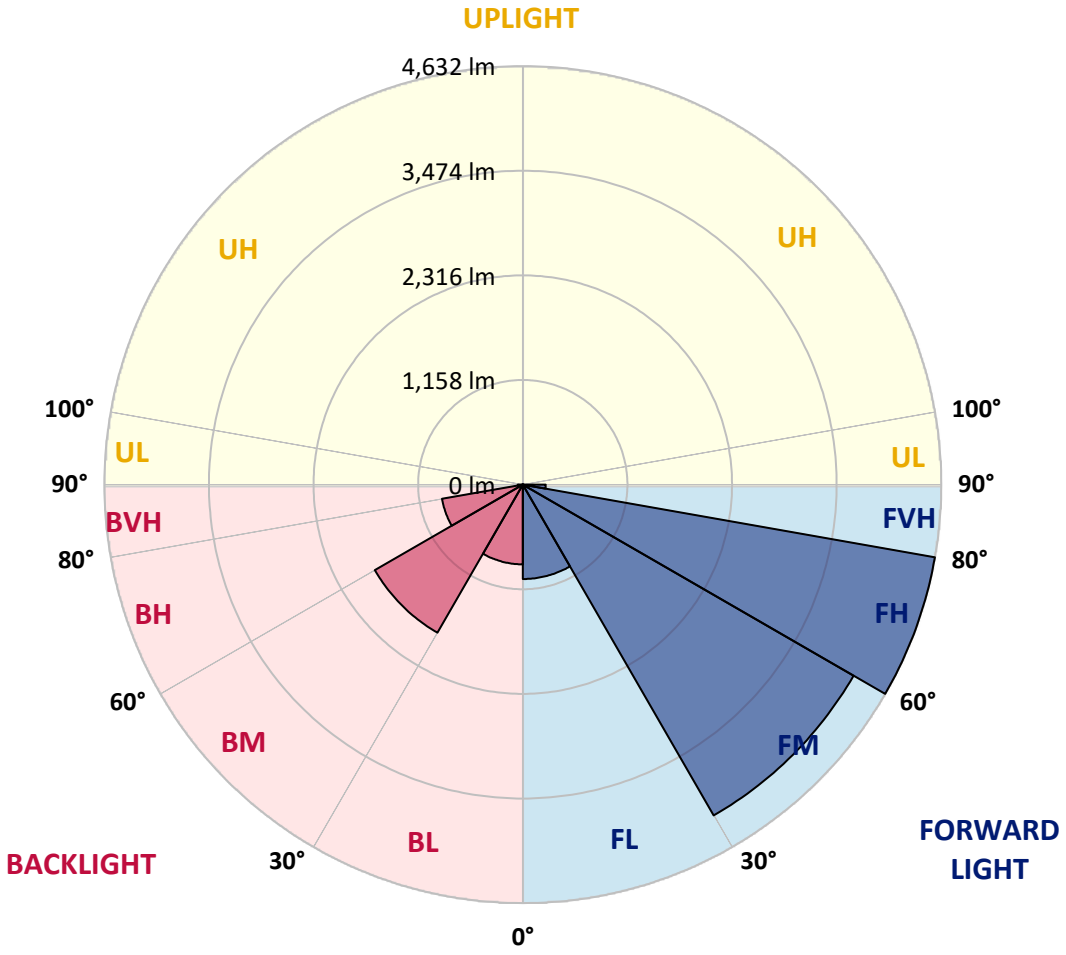
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1044.4	7.5			
FM	(30°-60°)	4227.5	30.4			
FH	(60°-80°)	4631.9	33.3			G2/5000
FVH	(80°-90°)	253.9	1.8			G3/500
BL	(0°-30°)	882.5	6.4	B2/1000		
BM	(30°-60°)	1891.4	13.6	B2/2500		
BH	(60°-80°)	907.9	6.5	B2/1000		G2/1000
BVH	(80°-90°)	56.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	*2215.8*	2215.8
2.5°	2394.2	2402.7	2411.2	2420.3	2429.9	2435.3	2440.7	2446.5	2452.0	*2457.1*	2452.0
5°	2557.3	2595.7	2633.8	2659.6	2685.4	2705.1	2724.8	2736.1	2747.6	*2749.3*	2747.6
7.5°	2722.1	2767.7	2813.2	2852.6	2892.0	2917.2	2942.3	2957.0	2971.9	*2977.0*	2971.9
10°	2825.8	2879.1	2932.8	2970.9	3009.3	3032.7	3055.9	3067.4	3079.0	*3082.4*	3079.0
12.5°	2878.5	2929.8	2981.1	3010.7	3039.9	3054.8	3069.4	3074.9	3079.6	*3075.6*	3079.6
15°	2903.9	2934.2	2964.1	2976.7	2988.9	2981.8	2974.3	2963.8	2953.2	*2946.4*	2953.2
17.5°	2910.7	2921.3	2932.2	2909.4	2887.0	2846.2	2805.4	2774.8	2744.2	*2722.1*	2744.2
20°	2932.8	2915.8	2898.8	2838.4	2778.2	2701.7	2625.3	2574.0	2522.3	*2491.0*	2522.3
22.5°	2956.6	2908.7	2860.8	2759.2	2657.6	2552.9	2448.6	2389.4	2330.6	*2297.3*	2330.6
25°	2994.0	2911.8	2829.2	2691.9	2554.9	2431.9	2309.2	2245.0	2181.1	*2144.4*	2181.1
27.5°	3048.4	2922.6	2796.9	2627.0	2457.1	2323.8	2190.3	2129.1	2067.9	*2035.6*	2067.9
30°	3124.8	2958.0	2790.8	2587.6	2384.0	2244.7	2105.3	2045.5	1985.4	*1950.7*	1985.4
32.5°	3218.3	3007.6	2796.9	2569.2	2341.5	2199.5	2057.7	2000.3	1943.2	*1913.3*	1943.2
35°	3376.3	3109.5	2842.8	2590.3	2338.1	2206.2	2074.7	2032.6	1990.8	*1974.5*	1990.8
37.5°	3576.8	3265.2	2953.2	2693.2	2433.3	2343.5	2253.8	2253.8	2253.8	*2266.7*	2253.8
40°	3872.5	3522.5	3172.4	2926.4	2680.7	2675.2	2670.5	2727.6	2785.0	*2810.5*	2785.0
42.5°	4287.1	3917.0	3547.3	3348.8	3150.3	3269.3	3388.2	3553.4	3718.5	*3826.6*	3718.5
45°	4802.0	4441.7	4081.5	3942.8	3804.5	4069.3	4333.7	4625.6	4917.5	*5124.8*	4917.5
47.5°	5294.7	4991.6	4688.1	4608.9	4530.1	4970.2	5410.3	5838.1	6266.0	*6518.2*	6266.0
50°	5865.7	5593.1	5320.2	5304.9	5289.6	5875.9	6462.1	7014.3	7566.6	*7874.1*	7566.6
52.5°	6598.0	6298.6	5998.9	6011.1	6022.7	6719.0	7415.3	8083.1	8750.9	*9097.5*	8750.9
55°	7473.1	7097.6	6722.1	6720.0	6718.0	7518.0	8318.6	9139.0	9960.1	*10422.9*	9960.1
57.5°	8365.2	8013.5	7661.7	7578.1	7494.2	8330.9	9167.2	10073.2	10979.6	*11466.2*	10979.6
60°	9034.7	8841.0	8647.3	8513.4	8379.8	9238.9	10098.4	11034.3	11969.9	*12455.2*	11969.9
62.5°	8757.7	9104.0	9450.3	9440.4	9430.6	10358.0	11285.4	12258.8	13232.7	*13668.4*	13232.7
65°	*7823.1*	*8375.4*	*8927.6*	*9307.6*	*9687.2*	*10808.3*	*11929.1*	*12943.2*	*13957.3*	*14402.5*	*13957.3*
67.5°	6946.4	7433.0	7920.0	8231.0	8541.9	9805.1	11068.6	12219.3	13370.0	*13828.1*	13370.0
70°	6106.9	6645.9	7184.9	7407.2	7629.4	8702.7	9775.5	10686.0	11596.1	*11775.5*	11596.1
72.5°	5242.1	5883.0	6524.3	6618.4	6712.5	7493.5	8274.5	8759.4	9244.4	*8852.9*	9244.4
75°	4292.2	5015.4	5738.2	5801.1	5864.0	6107.3	6351.0	6474.3	6598.0	*6375.4*	6598.0
77.5°	2854.7	3480.7	4107.0	4248.0	4389.0	4551.2	4713.6	4705.1	4696.6	*4384.0*	4696.6
80°	1675.4	2165.1	2654.8	2673.2	2691.5	2813.2	2934.5	3058.6	3182.6	*2983.8*	3182.6
82.5°	837.7	1106.5	1375.7	1417.1	1458.6	1533.0	1607.4	1642.1	1677.1	*1508.9*	1677.1
85°	190.3	260.3	330.3	398.0	465.6	543.7	621.9	613.1	604.2	*509.8*	604.2
87.5°	15.3	15.6	16.3	16.7	17.0	17.3	17.7	18.7	19.7	*20.4*	19.7
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°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2446.5	2440.7	2435.3	2429.9	2420.3	2411.2	2402.7	2394.2	2372.4	2351.0	2331.3
5°	2736.1	2724.8	2705.1	2685.4	2659.6	2633.8	2595.7	2557.3	2518.9	2480.8	2440.7
7.5°	2957.0	2942.3	2917.2	2892.0	2852.6	2813.2	2767.7	2722.1	2657.6	2593.0	2532.2
10°	3067.4	3055.9	3032.7	3009.3	2970.9	2932.8	2879.1	2825.8	2748.6	2671.2	2595.7
12.5°	3074.9	3069.4	3054.8	3039.9	3010.7	2981.1	2929.8	2878.5	2801.7	2724.8	2640.2
15°	2963.8	2974.3	2981.8	2988.9	2976.7	2964.1	2934.2	2903.9	2826.1	2748.6	2662.7
17.5°	2774.8	2805.4	2846.2	2887.0	2909.4	2932.2	2921.3	2910.7	2838.0	2765.6	2673.9
20°	2574.0	2625.3	2701.7	2778.2	2838.4	2898.8	2915.8	2932.8	2859.4	2786.0	2687.5
22.5°	2389.4	2448.6	2552.9	2657.6	2759.2	2860.8	2908.7	2956.6	2889.3	2822.4	2714.0
25°	2245.0	2309.2	2431.9	2554.9	2691.9	2829.2	2911.8	2994.0	2935.9	2877.8	2759.5
27.5°	2129.1	2190.3	2323.8	2457.1	2627.0	2796.9	2922.6	3048.4	3003.9	2959.3	2826.1
30°	2045.5	2105.3	2244.7	2384.0	2587.6	2790.8	2958.0	3124.8	3089.8	3055.2	2905.0
32.5°	2000.3	2057.7	2199.5	2341.5	2569.2	2796.9	3007.6	3218.3	3196.5	3174.8	2997.7
35°	2032.6	2074.7	2206.2	2338.1	2590.3	2842.8	3109.5	3376.3	3349.1	3321.9	3096.3
37.5°	2253.8	2253.8	2343.5	2433.3	2693.2	2953.2	3265.2	3576.8	3544.5	3512.3	3216.6
40°	2727.6	2670.5	2675.2	2680.7	2926.4	3172.4	3522.5	3872.5	3808.9	3745.1	3354.2
42.5°	3553.4	3388.2	3269.3	3150.3	3348.8	3547.3	3917.0	4287.1	4152.5	4017.6	3506.5
45°	4625.6	4333.7	4069.3	3804.5	3942.8	4081.5	4441.7	4802.0	4586.2	4370.4	3713.1
47.5°	5838.1	5410.3	4970.2	4530.1	4608.9	4688.1	4991.6	5294.7	5021.5	4748.3	3925.5
50°	7014.3	6462.1	5875.9	5289.6	5304.9	5320.2	5593.1	5865.7	5495.2	5124.8	4110.7
52.5°	8083.1	7415.3	6719.0	6022.7	6011.1	5998.9	6298.6	6598.0	6009.8	5421.1	4198.4
55°	9139.0	8318.6	7518.0	6718.0	6720.0	6722.1	7097.6	7473.1	6526.7	5580.2	4175.3
57.5°	10073.2	9167.2	8330.9	7494.2	7578.1	7661.7	8013.5	8365.2	6960.6	5556.4	4049.2
60°	11034.3	10098.4	9238.9	8379.8	8513.4	8647.3	8841.0	9034.7	7155.0	5275.0	3747.1
62.5°	12258.8	11285.4	10358.0	9430.6	9440.4	9450.3	9104.0	8757.7	6723.8	4689.8	3251.9
65°	*12943.2*	*11929.1*	*10808.3*	*9687.2*	*9307.6*	*8927.6*	*8375.4*	*7823.1*	*5799.4*	*3775.6*	*2550.8*
67.5°	12219.3	11068.6	9805.1	8541.9	8231.0	7920.0	7433.0	6946.4	4980.7	3015.1	1985.0
70°	10686.0	9775.5	8702.7	7629.4	7407.2	7184.9	6645.9	6106.9	4231.4	2355.8	1521.1
72.5°	8759.4	8274.5	7493.5	6712.5	6618.4	6524.3	5883.0	5242.1	3513.6	1784.8	1143.6
75°	6474.3	6351.0	6107.3	5864.0	5801.1	5738.2	5015.4	4292.2	2805.4	1318.6	847.6
77.5°	4705.1	4713.6	4551.2	4389.0	4248.0	4107.0	3480.7	2854.7	1840.6	826.5	547.8
80°	3058.6	2934.5	2813.2	2691.5	2673.2	2654.8	2165.1	1675.4	1055.2	435.0	302.8
82.5°	1642.1	1607.4	1533.0	1458.6	1417.1	1375.7	1106.5	837.7	528.8	220.2	162.8
85°	613.1	621.9	543.7	465.6	398.0	330.3	260.3	190.3	125.7	61.2	51.7
87.5°	18.7	17.7	17.3	17.0	16.7	16.3	15.6	15.3	15.0	14.3	13.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2311.6	2291.9	2271.8	2252.8	2233.4	2214.1	2197.1	2178.7	2160.7	2146.4	2132.5
5°	2401.0	2361.9	2322.8	2285.8	2249.1	2210.7	2177.7	2145.1	2113.1	2086.6	2060.1
7.5°	2471.3	2417.0	2362.6	2314.0	2265.0	2214.1	2174.3	2134.5	2095.1	2060.8	2026.1
10°	2519.9	2453.0	2385.7	2329.6	2273.5	2219.2	2176.7	2134.9	2093.4	2058.1	2022.7
12.5°	2555.6	2480.5	2405.4	2343.5	2282.0	2222.6	2181.1	2146.4	2112.1	2087.3	2062.8
15°	2576.7	2495.8	2414.6	2344.9	2275.2	2209.0	2172.3	2149.8	2127.4	2125.4	2123.3
17.5°	2582.1	2489.7	2397.6	2316.4	2235.5	2158.0	2126.7	2123.7	2120.6	2154.3	2187.9
20°	2588.9	2480.5	2372.1	2265.4	2158.7	2056.0	2036.3	2055.7	2074.7	2140.7	2206.2
22.5°	2605.9	2473.4	2340.8	2206.9	2073.0	1950.7	1932.0	1960.5	1988.8	2074.7	2160.7
25°	2641.2	2472.7	2304.1	2137.3	1970.4	1830.0	1828.3	1859.3	1890.2	1969.7	2049.2
27.5°	2693.2	2479.1	2265.0	2065.9	1866.4	1723.0	1731.5	1761.1	1791.0	1850.1	1909.2
30°	2754.4	2493.1	2232.1	2003.7	1775.7	1636.3	1645.5	1668.6	1691.7	1734.5	1777.4
32.5°	2820.7	2508.7	2197.1	1949.3	1701.9	1573.5	1573.5	1583.3	1593.2	1621.0	1648.9
35°	2871.0	2505.0	2139.3	1887.5	1635.3	1536.1	1515.0	1506.9	1498.7	1517.1	1535.4
37.5°	2920.9	2494.4	2067.9	1818.8	1570.1	1491.9	1451.8	1430.1	1407.6	1416.5	1424.6
40°	2963.4	2470.6	1977.9	1736.9	1496.0	1434.1	1383.8	1351.2	1318.6	1317.9	1316.9
42.5°	2994.7	2429.5	1864.0	1639.4	1414.4	1371.3	1309.1	1267.6	1226.1	1221.7	1217.3
45°	3055.9	2401.3	1746.8	1540.2	1333.9	1294.8	1232.9	1190.1	1148.0	1141.2	1134.4
47.5°	3102.8	2368.4	1634.0	1441.6	1249.9	1204.7	1147.0	1110.6	1073.9	1069.8	1065.4
50°	3096.6	2312.3	1527.6	1353.9	1179.9	1118.1	1061.0	1031.1	1000.8	1005.9	1011.0
52.5°	2975.3	2197.4	1419.9	1275.1	1131.0	1051.8	990.6	968.2	945.4	961.4	977.0
55°	2770.4	2045.2	1319.3	1209.2	1098.4	1019.5	947.5	922.3	897.2	919.6	942.0
57.5°	2542.0	1885.8	1229.5	1153.4	1077.3	1011.0	922.7	887.3	852.3	874.8	897.2
60°	2219.2	1684.3	1149.3	1096.0	1042.6	990.6	902.3	858.1	813.9	828.9	843.5
62.5°	1814.1	1428.7	1043.3	1013.4	983.8	961.8	877.5	819.7	761.9	764.0	765.3
65°	*1326.1*	*1122.8*	*919.3*	*912.8*	*906.7*	*900.6*	*830.9*	*768.7*	*706.9*	*700.1*	*693.3*
67.5°	955.0	858.4	761.9	779.9	797.9	807.1	759.5	704.8	649.8	635.8	621.9
70°	686.5	652.5	618.5	645.4	672.2	669.5	646.4	613.8	581.1	572.3	563.5
72.5°	502.3	501.6	501.3	521.7	542.0	514.9	529.5	522.0	514.9	508.4	502.3
75°	376.5	374.2	372.1	396.3	420.7	431.6	441.1	437.0	433.3	428.5	424.1
77.5°	269.2	271.2	272.6	299.1	325.6	356.8	358.5	349.7	340.5	335.8	330.3
80°	170.6	172.6	174.0	201.9	229.4	273.6	271.9	261.0	249.8	246.0	242.0
82.5°	105.4	105.7	106.0	119.6	133.2	158.0	164.8	164.8	164.8	162.4	159.7
85°	42.5	44.5	46.9	55.7	64.6	78.2	82.2	82.9	83.3	79.5	75.4
87.5°	13.6	14.3	15.3	17.0	18.7	20.4	23.8	25.8	27.9	29.9	31.3
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: P1364944
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2120.3	2107.7	2093.1	2078.1	2067.6	2056.7	2049.6	2042.4	2039.0	2035.6	2032.9
5°	2038.4	2015.9	1996.2	1976.2	1960.5	1944.6	1931.7	1918.4	1913.0	1907.2	1903.5
7.5°	1996.9	1967.7	1943.2	1918.4	1895.0	1871.8	1856.9	1841.9	1833.1	1824.3	1817.8
10°	1991.8	1960.9	1928.6	1896.3	1870.5	1844.7	1822.2	1800.5	1787.9	1775.7	1768.9
12.5°	2034.3	2005.7	1967.3	1928.6	1893.6	1858.9	1831.4	1803.9	1788.2	1773.3	1763.1
15°	2113.5	2103.6	2067.9	2032.3	1984.0	1935.4	1896.0	1856.2	1834.5	1812.0	1799.5
17.5°	2207.3	2226.6	2201.8	2176.7	2108.7	2040.7	1982.0	1923.5	1891.6	1859.6	1848.4
20°	2258.6	2310.9	2308.2	2305.8	2217.1	2128.1	2050.9	1973.8	1931.0	1888.8	1871.8
22.5°	2236.2	2311.6	2331.0	2350.0	2263.0	2175.7	2080.5	1985.4	1935.1	1884.4	1868.4
25°	2130.5	2211.7	2247.7	2283.7	2212.0	2140.3	2047.9	1955.8	1902.8	1849.4	1833.1
27.5°	1974.5	2039.7	2080.2	2120.6	2076.8	2032.9	1958.2	1883.4	1836.5	1789.3	1771.9
30°	1821.5	1865.7	1898.0	1930.3	1901.4	1872.5	1818.8	1765.5	1730.5	1695.8	1684.9
32.5°	1681.9	1714.5	1732.5	1750.2	1727.8	1705.3	1670.0	1634.6	1612.9	1591.1	1584.0
35°	1561.9	1588.8	1602.4	1615.9	1597.3	1578.6	1547.0	1515.7	1500.1	1484.4	1478.6
37.5°	1447.4	1469.8	1489.2	1508.9	1495.3	1481.7	1454.9	1428.0	1409.7	1390.6	1380.4
40°	1338.6	1360.0	1384.5	1408.6	1406.3	1403.5	1378.1	1352.6	1326.1	1299.9	1286.0
42.5°	1238.7	1260.1	1286.0	1311.8	1316.9	1322.0	1300.9	1279.5	1248.9	1218.3	1196.9
45°	1152.7	1171.8	1200.0	1228.5	1240.4	1252.3	1233.3	1213.9	1179.6	1145.3	1119.8
47.5°	1084.8	1104.5	1135.7	1167.4	1179.9	1192.8	1179.9	1167.4	1137.8	1107.9	1085.5
50°	1032.4	1053.5	1078.0	1102.8	1126.2	1149.3	1147.0	1144.6	1121.1	1097.7	1076.6
52.5°	996.4	1016.1	1041.6	1067.1	1091.6	1116.4	1120.1	1124.2	1107.2	1090.2	1071.9
55°	965.5	988.9	1012.7	1036.5	1059.6	1082.4	1087.5	1092.6	1080.4	1067.8	1054.2
57.5°	922.7	948.2	971.9	995.7	1022.6	1049.4	1053.5	1057.6	1044.7	1031.4	1021.2
60°	869.7	895.5	920.3	944.8	971.9	999.1	1004.6	1010.0	999.8	989.6	980.1
62.5°	794.9	824.1	844.5	864.9	890.7	916.9	924.7	932.9	928.1	923.7	912.8
65°	*721.1*	*749.3*	*765.3*	*781.6*	*804.1*	*826.5*	*834.3*	*842.1*	*839.7*	*837.7*	*829.9*
67.5°	647.7	673.6	686.8	700.1	715.4	730.7	739.5	748.3	743.9	739.2	731.0
70°	584.5	605.6	617.2	628.7	640.9	653.2	657.9	662.7	655.9	649.1	630.7
72.5°	518.3	534.2	544.1	553.9	565.5	577.1	579.8	582.8	572.3	561.4	540.0
75°	436.4	448.6	456.1	463.9	475.8	487.7	492.8	497.9	482.9	468.3	445.5
77.5°	341.5	352.8	359.9	367.0	376.9	386.7	388.1	390.1	377.2	364.3	350.7
80°	250.1	258.3	261.0	263.4	271.5	279.3	279.3	279.3	269.8	260.0	253.2
82.5°	158.0	156.3	152.9	149.5	157.7	165.8	168.6	171.6	167.2	163.1	155.6
85°	70.7	65.2	64.2	62.9	62.5	61.9	64.2	66.3	65.2	64.6	61.9
87.5°	33.3	34.7	33.6	32.3	30.9	29.9	27.2	24.5	22.4	20.4	19.0
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: P1364944
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2030.6	2028.9	2030.6	2032.9	2035.6	2039.0	2042.4	2049.6	2056.7	2067.6	2078.1
5°	1899.7	1896.3	1899.7	1903.5	1907.2	1913.0	1918.4	1931.7	1944.6	1960.5	1976.2
7.5°	1811.4	1808.0	1811.4	1817.8	1824.3	1833.1	1841.9	1856.9	1871.8	1895.0	1918.4
10°	1762.1	1757.0	1762.1	1768.9	1775.7	1787.9	1800.5	1822.2	1844.7	1870.5	1896.3
12.5°	1752.9	1746.8	1752.9	1763.1	1773.3	1788.2	1803.9	1831.4	1858.9	1893.6	1928.6
15°	1786.9	1777.4	1786.9	1799.5	1812.0	1834.5	1856.2	1896.0	1935.4	1984.0	2032.3
17.5°	1836.8	1831.7	1836.8	1848.4	1859.6	1891.6	1923.5	1982.0	2040.7	2108.7	2176.7
20°	1854.9	1848.7	1854.9	1871.8	1888.8	1931.0	1973.8	2050.9	2128.1	2217.1	2305.8
22.5°	1852.1	1845.3	1852.1	1868.4	1884.4	1935.1	1985.4	2080.5	2175.7	2263.0	2350.0
25°	1816.5	1811.4	1816.5	1833.1	1849.4	1902.8	1955.8	2047.9	2140.3	2212.0	2283.7
27.5°	1754.3	1743.4	1754.3	1771.9	1789.3	1836.5	1883.4	1958.2	2032.9	2076.8	2120.6
30°	1673.7	1668.6	1673.7	1684.9	1695.8	1730.5	1765.5	1818.8	1872.5	1901.4	1930.3
32.5°	1576.9	1573.5	1576.9	1584.0	1591.1	1612.9	1634.6	1670.0	1705.3	1727.8	1750.2
35°	1473.2	1468.1	1473.2	1478.6	1484.4	1500.1	1515.7	1547.0	1578.6	1597.3	1615.9
37.5°	1370.2	1362.8	1370.2	1380.4	1390.6	1409.7	1428.0	1454.9	1481.7	1495.3	1508.9
40°	1271.7	1264.2	1271.7	1286.0	1299.9	1326.1	1352.6	1378.1	1403.5	1406.3	1408.6
42.5°	1175.9	1162.3	1175.9	1196.9	1218.3	1248.9	1279.5	1300.9	1322.0	1316.9	1311.8
45°	1094.3	1077.3	1094.3	1119.8	1145.3	1179.6	1213.9	1233.3	1252.3	1240.4	1228.5
47.5°	1063.0	1046.7	1063.0	1085.5	1107.9	1137.8	1167.4	1179.9	1192.8	1179.9	1167.4
50°	1055.2	1039.9	1055.2	1076.6	1097.7	1121.1	1144.6	1147.0	1149.3	1126.2	1102.8
52.5°	1053.5	1039.9	1053.5	1071.9	1090.2	1107.2	1124.2	1120.1	1116.4	1091.6	1067.1
55°	1040.6	1029.7	1040.6	1054.2	1067.8	1080.4	1092.6	1087.5	1082.4	1059.6	1036.5
57.5°	1011.0	1005.9	1011.0	1021.2	1031.4	1044.7	1057.6	1053.5	1049.4	1022.6	995.7
60°	970.2	961.8	970.2	980.1	989.6	999.8	1010.0	1004.6	999.1	971.9	944.8
62.5°	902.3	890.4	902.3	912.8	923.7	928.1	932.9	924.7	916.9	890.7	864.9
65°	*822.4*	*808.8*	*822.4*	*829.9*	*837.7*	*839.7*	*842.1*	*834.3*	*826.5*	*804.1*	*781.6*
67.5°	723.2	720.5	723.2	731.0	739.2	743.9	748.3	739.5	730.7	715.4	700.1
70°	612.4	591.3	612.4	630.7	649.1	655.9	662.7	657.9	653.2	640.9	628.7
72.5°	518.3	496.2	518.3	540.0	561.4	572.3	582.8	579.8	577.1	565.5	553.9
75°	423.1	407.8	423.1	445.5	468.3	482.9	497.9	492.8	487.7	475.8	463.9
77.5°	337.1	329.6	337.1	350.7	364.3	377.2	390.1	388.1	386.7	376.9	367.0
80°	246.4	241.3	246.4	253.2	260.0	269.8	279.3	279.3	279.3	271.5	263.4
82.5°	147.8	142.7	147.8	155.6	163.1	167.2	171.6	168.6	165.8	157.7	149.5
85°	59.5	57.8	59.5	61.9	64.6	65.2	66.3	64.2	61.9	62.5	62.9
87.5°	17.7	17.0	17.7	19.0	20.4	22.4	24.5	27.2	29.9	30.9	32.3
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°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2093.1	2107.7	2120.3	2132.5	2146.4	2160.7	2178.7	2197.1	2214.1	2233.4	2252.8
5°	1996.2	2015.9	2038.4	2060.1	2086.6	2113.1	2145.1	2177.7	2210.7	2249.1	2285.8
7.5°	1943.2	1967.7	1996.9	2026.1	2060.8	2095.1	2134.5	2174.3	2214.1	2265.0	2314.0
10°	1928.6	1960.9	1991.8	2022.7	2058.1	2093.4	2134.9	2176.7	2219.2	2273.5	2329.6
12.5°	1967.3	2005.7	2034.3	2062.8	2087.3	2112.1	2146.4	2181.1	2222.6	2282.0	2343.5
15°	2067.9	2103.6	2113.5	2123.3	2125.4	2127.4	2149.8	2172.3	2209.0	2275.2	2344.9
17.5°	2201.8	2226.6	2207.3	2187.9	2154.3	2120.6	2123.7	2126.7	2158.0	2235.5	2316.4
20°	2308.2	2310.9	2258.6	2206.2	2140.7	2074.7	2055.7	2036.3	2056.0	2158.7	2265.4
22.5°	2331.0	2311.6	2236.2	2160.7	2074.7	1988.8	1960.5	1932.0	1950.7	2073.0	2206.9
25°	2247.7	2211.7	2130.5	2049.2	1969.7	1890.2	1859.3	1828.3	1830.0	1970.4	2137.3
27.5°	2080.2	2039.7	1974.5	1909.2	1850.1	1791.0	1761.1	1731.5	1723.0	1866.4	2065.9
30°	1898.0	1865.7	1821.5	1777.4	1734.5	1691.7	1668.6	1645.5	1636.3	1775.7	2003.7
32.5°	1732.5	1714.5	1681.9	1648.9	1621.0	1593.2	1583.3	1573.5	1573.5	1701.9	1949.3
35°	1602.4	1588.8	1561.9	1535.4	1517.1	1498.7	1506.9	1515.0	1536.1	1635.3	1887.5
37.5°	1489.2	1469.8	1447.4	1424.6	1416.5	1407.6	1430.1	1451.8	1491.9	1570.1	1818.8
40°	1384.5	1360.0	1338.6	1316.9	1317.9	1318.6	1351.2	1383.8	1434.1	1496.0	1736.9
42.5°	1286.0	1260.1	1238.7	1217.3	1221.7	1226.1	1267.6	1309.1	1371.3	1414.4	1639.4
45°	1200.0	1171.8	1152.7	1134.4	1141.2	1148.0	1190.1	1232.9	1294.8	1333.9	1540.2
47.5°	1135.7	1104.5	1084.8	1065.4	1069.8	1073.9	1110.6	1147.0	1204.7	1249.9	1441.6
50°	1078.0	1053.5	1032.4	1011.0	1005.9	1000.8	1031.1	1061.0	1118.1	1179.9	1353.9
52.5°	1041.6	1016.1	996.4	977.0	961.4	945.4	968.2	990.6	1051.8	1131.0	1275.1
55°	1012.7	988.9	965.5	942.0	919.6	897.2	922.3	947.5	1019.5	1098.4	1209.2
57.5°	971.9	948.2	922.7	897.2	874.8	852.3	887.3	922.7	1011.0	1077.3	1153.4
60°	920.3	895.5	869.7	843.5	828.9	813.9	858.1	902.3	990.6	1042.6	1096.0
62.5°	844.5	824.1	794.9	765.3	764.0	761.9	819.7	877.5	961.8	983.8	1013.4
65°	*765.3*	*749.3*	*721.1*	*693.3*	*700.1*	*706.9*	*768.7*	*830.9*	*900.6*	*906.7*	*912.8*
67.5°	686.8	673.6	647.7	621.9	635.8	649.8	704.8	759.5	807.1	797.9	779.9
70°	617.2	605.6	584.5	563.5	572.3	581.1	613.8	646.4	669.5	672.2	645.4
72.5°	544.1	534.2	518.3	502.3	508.4	514.9	522.0	529.5	514.9	542.0	521.7
75°	456.1	448.6	436.4	424.1	428.5	433.3	437.0	441.1	431.6	420.7	396.3
77.5°	359.9	352.8	341.5	330.3	335.8	340.5	349.7	358.5	356.8	325.6	299.1
80°	261.0	258.3	250.1	242.0	246.0	249.8	261.0	271.9	273.6	229.4	201.9
82.5°	152.9	156.3	158.0	159.7	162.4	164.8	164.8	164.8	158.0	133.2	119.6
85°	64.2	65.2	70.7	75.4	79.5	83.3	82.9	82.2	78.2	64.6	55.7
87.5°	33.6	34.7	33.3	31.3	29.9	27.9	25.8	23.8	20.4	18.7	17.0
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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REPORT NUMBER: P1364944
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8	2215.8
2.5°	2271.8	2291.9	2311.6	2331.3	2351.0	2372.4	2394.2
5°	2322.8	2361.9	2401.0	2440.7	2480.8	2518.9	2557.3
7.5°	2362.6	2417.0	2471.3	2532.2	2593.0	2657.6	2722.1
10°	2385.7	2453.0	2519.9	2595.7	2671.2	2748.6	2825.8
12.5°	2405.4	2480.5	2555.6	2640.2	2724.8	2801.7	2878.5
15°	2414.6	2495.8	2576.7	2662.7	2748.6	2826.1	2903.9
17.5°	2397.6	2489.7	2582.1	2673.9	2765.6	2838.0	2910.7
20°	2372.1	2480.5	2588.9	2687.5	2786.0	2859.4	2932.8
22.5°	2340.8	2473.4	2605.9	2714.0	2822.4	2889.3	2956.6
25°	2304.1	2472.7	2641.2	2759.5	2877.8	2935.9	2994.0
27.5°	2265.0	2479.1	2693.2	2826.1	2959.3	3003.9	3048.4
30°	2232.1	2493.1	2754.4	2905.0	3055.2	3089.8	3124.8
32.5°	2197.1	2508.7	2820.7	2997.7	3174.8	3196.5	3218.3
35°	2139.3	2505.0	2871.0	3096.3	3321.9	3349.1	3376.3
37.5°	2067.9	2494.4	2920.9	3216.6	3512.3	3544.5	3576.8
40°	1977.9	2470.6	2963.4	3354.2	3745.1	3808.9	3872.5
42.5°	1864.0	2429.5	2994.7	3506.5	4017.6	4152.5	4287.1
45°	1746.8	2401.3	3055.9	3713.1	4370.4	4586.2	4802.0
47.5°	1634.0	2368.4	3102.8	3925.5	4748.3	5021.5	5294.7
50°	1527.6	2312.3	3096.6	4110.7	5124.8	5495.2	5865.7
52.5°	1419.9	2197.4	2975.3	4198.4	5421.1	6009.8	6598.0
55°	1319.3	2045.2	2770.4	4175.3	5580.2	6526.7	7473.1
57.5°	1229.5	1885.8	2542.0	4049.2	5556.4	6960.6	8365.2
60°	1149.3	1684.3	2219.2	3747.1	5275.0	7155.0	9034.7
62.5°	1043.3	1428.7	1814.1	3251.9	4689.8	6723.8	8757.7
65°	*919.3*	*1122.8*	*1326.1*	*2550.8*	*3775.6*	*5799.4*	*7823.1*
67.5°	761.9	858.4	955.0	1985.0	3015.1	4980.7	6946.4
70°	618.5	652.5	686.5	1521.1	2355.8	4231.4	6106.9
72.5°	501.3	501.6	502.3	1143.6	1784.8	3513.6	5242.1
75°	372.1	374.2	376.5	847.6	1318.6	2805.4	4292.2
77.5°	272.6	271.2	269.2	547.8	826.5	1840.6	2854.7
80°	174.0	172.6	170.6	302.8	435.0	1055.2	1675.4
82.5°	106.0	105.7	105.4	162.8	220.2	528.8	837.7
85°	46.9	44.5	42.5	51.7	61.2	125.7	190.3
87.5°	15.3	14.3	13.6	13.9	14.3	15.0	15.3
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

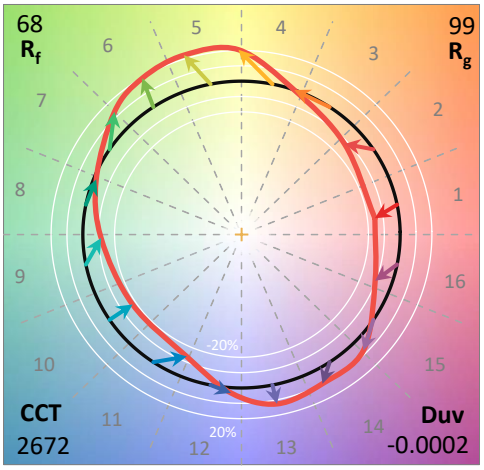
Test Information

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



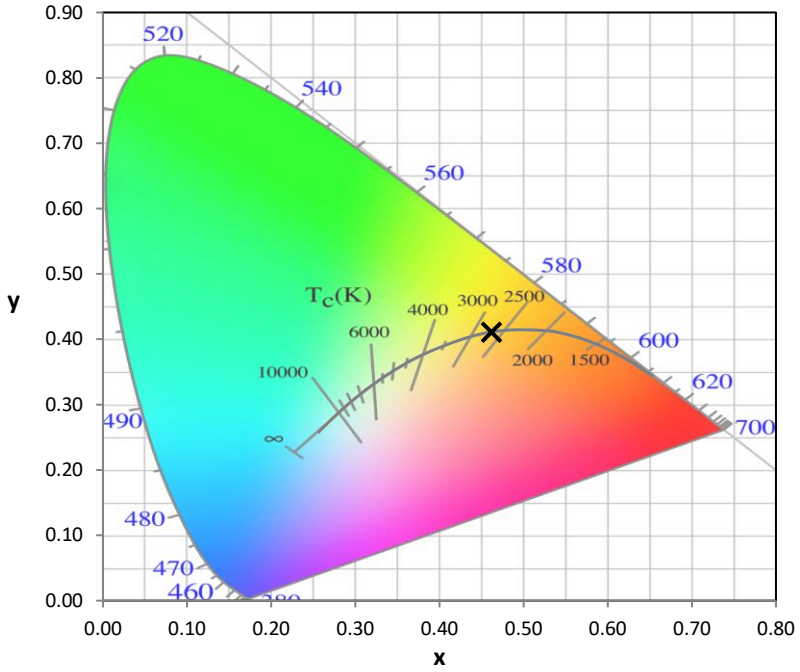
Test Conditions

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

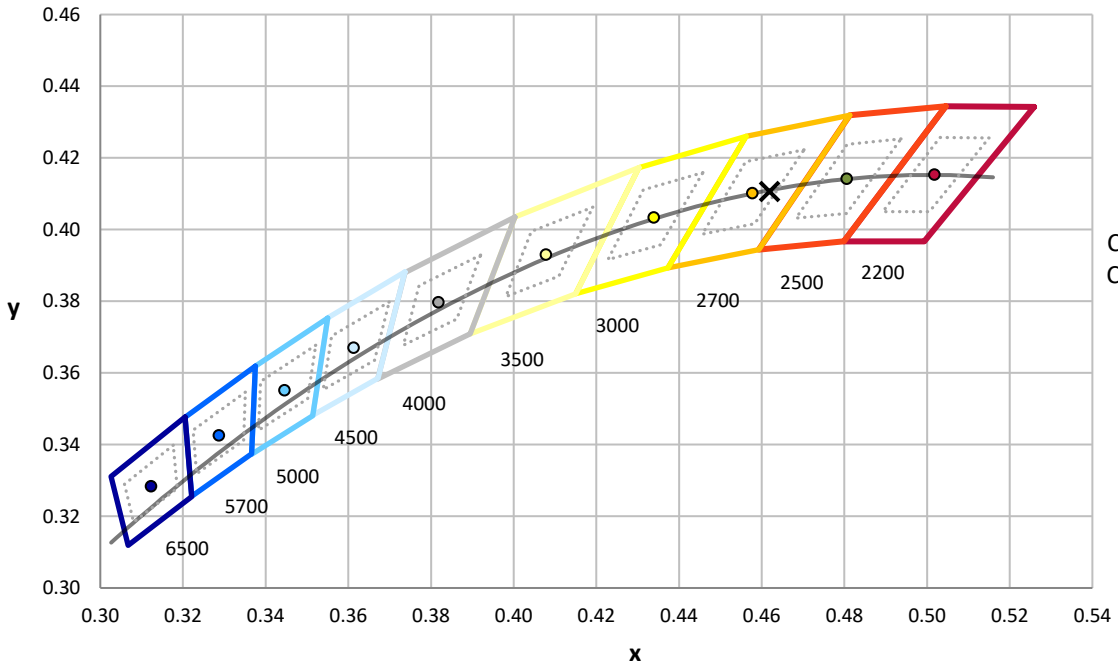
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

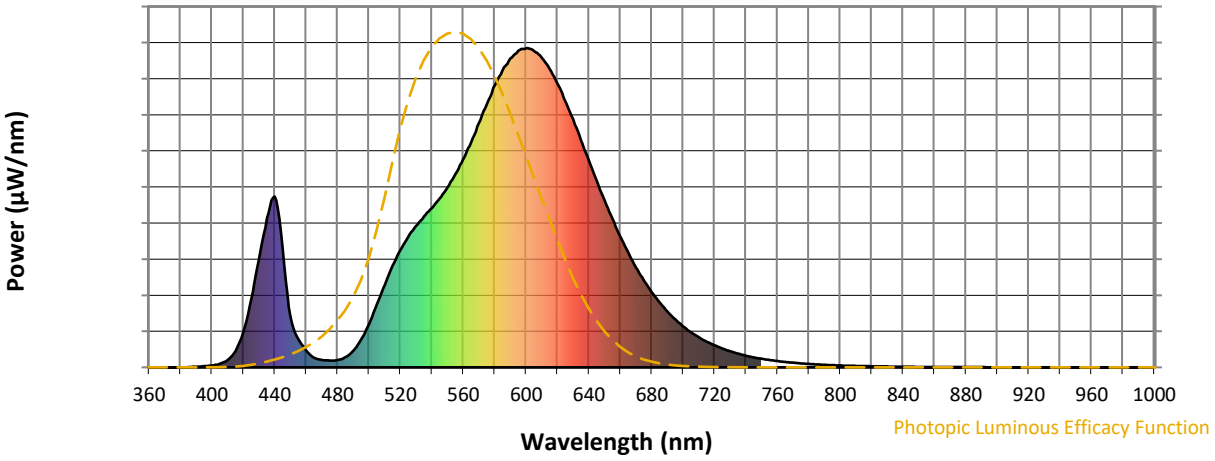


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

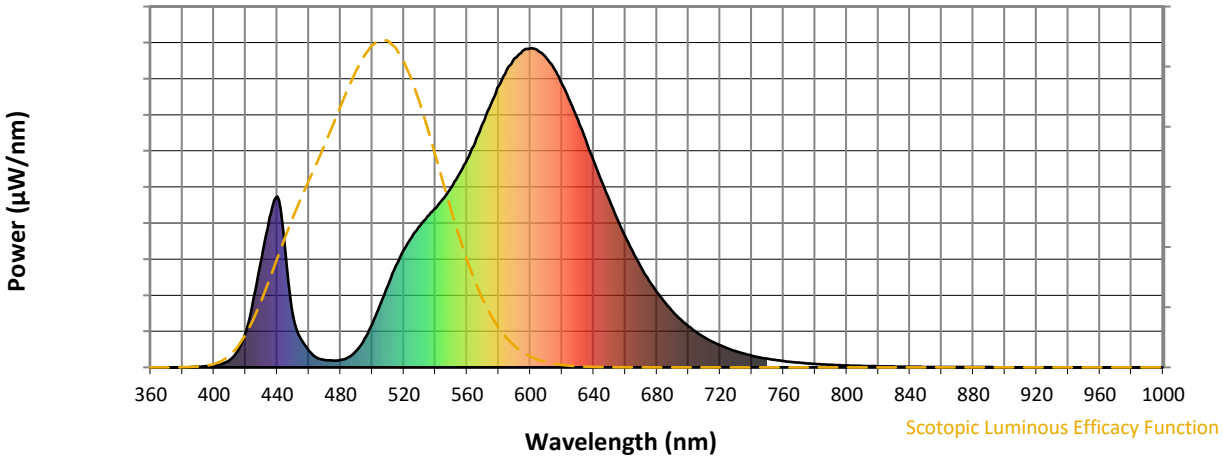


Photopic Lumens: NR

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

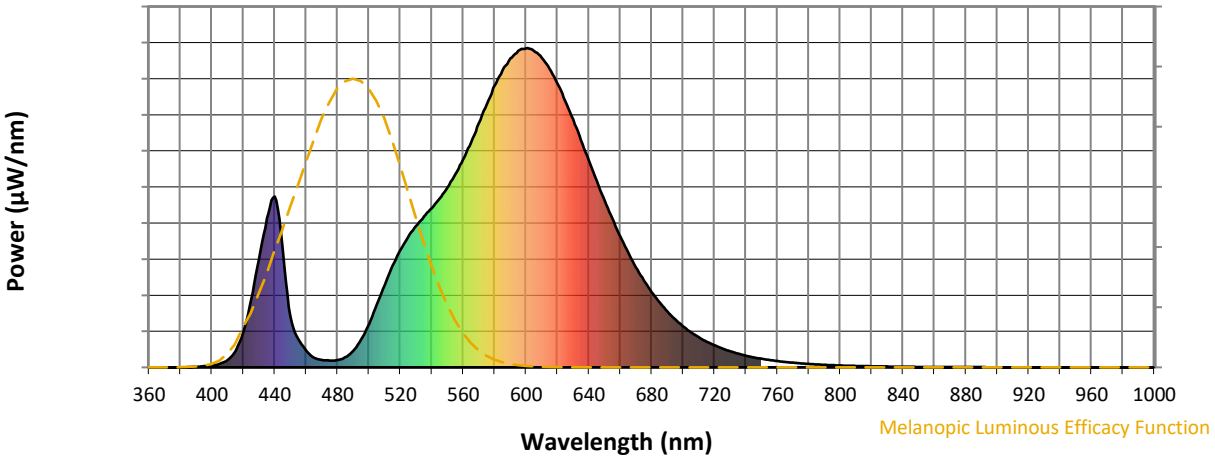


Scotopic Lumens: NR **S/P: 1.02**

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			

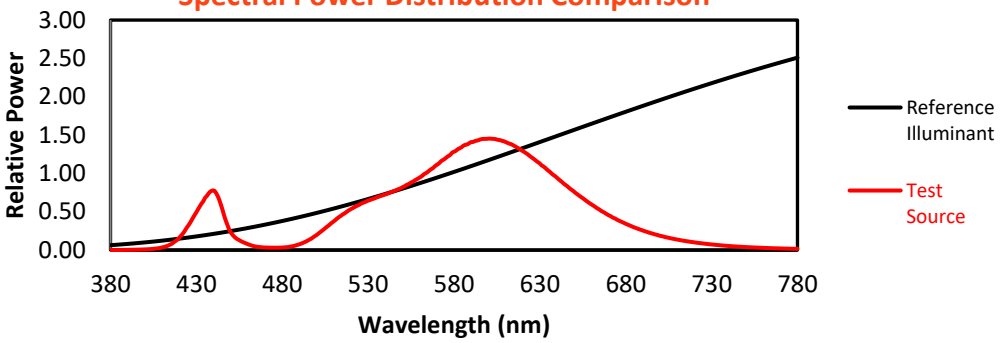
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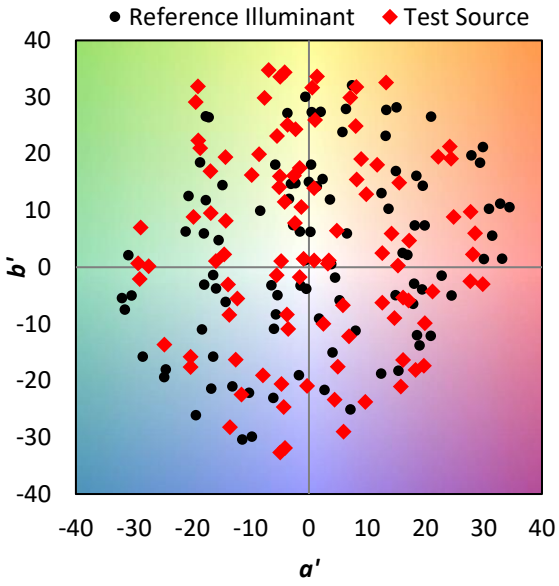
Summary

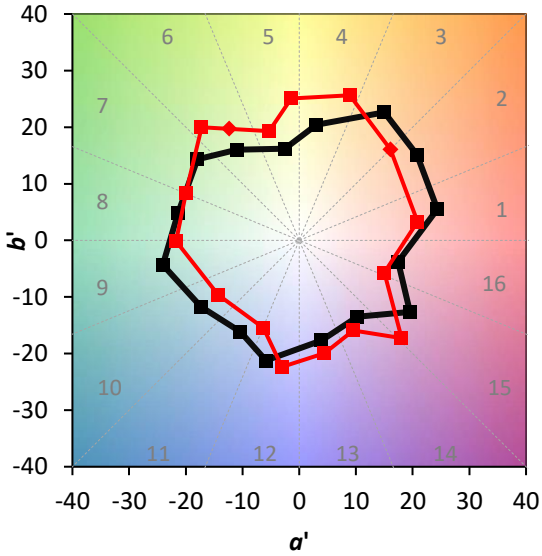
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

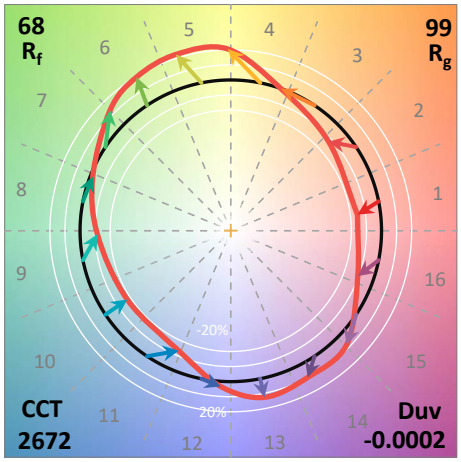
Spectral Power Distribution Comparison

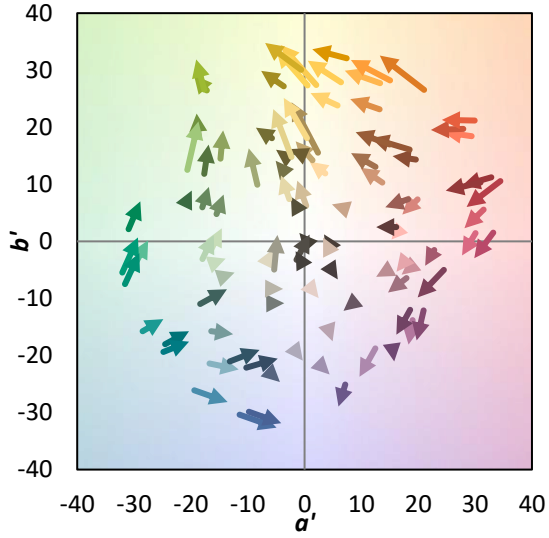


Color Vector Graphics







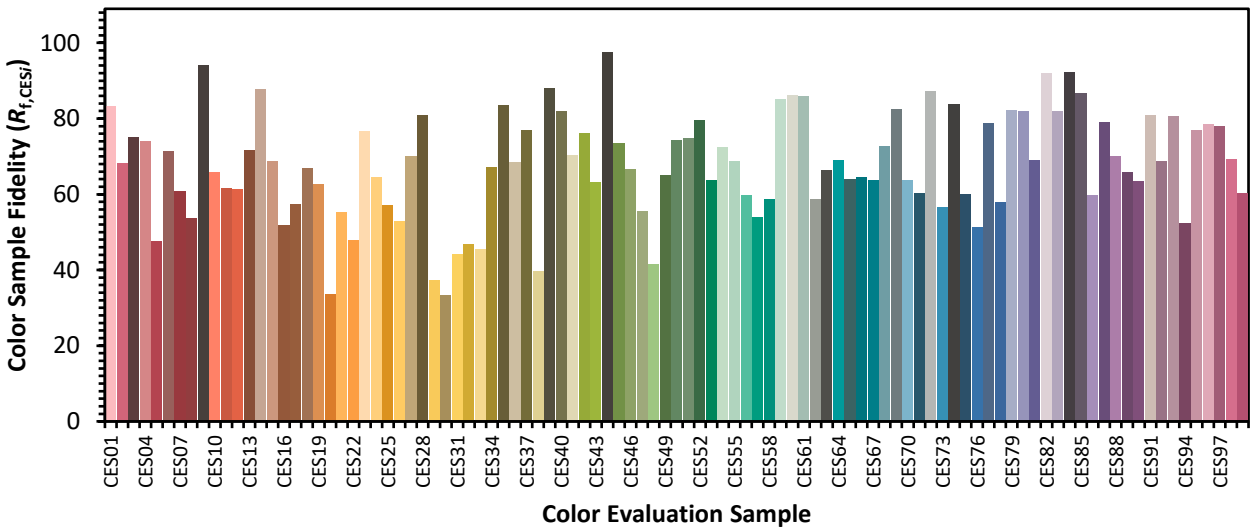


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Individual Sample Fidelity Index ($R_{f,i}$)

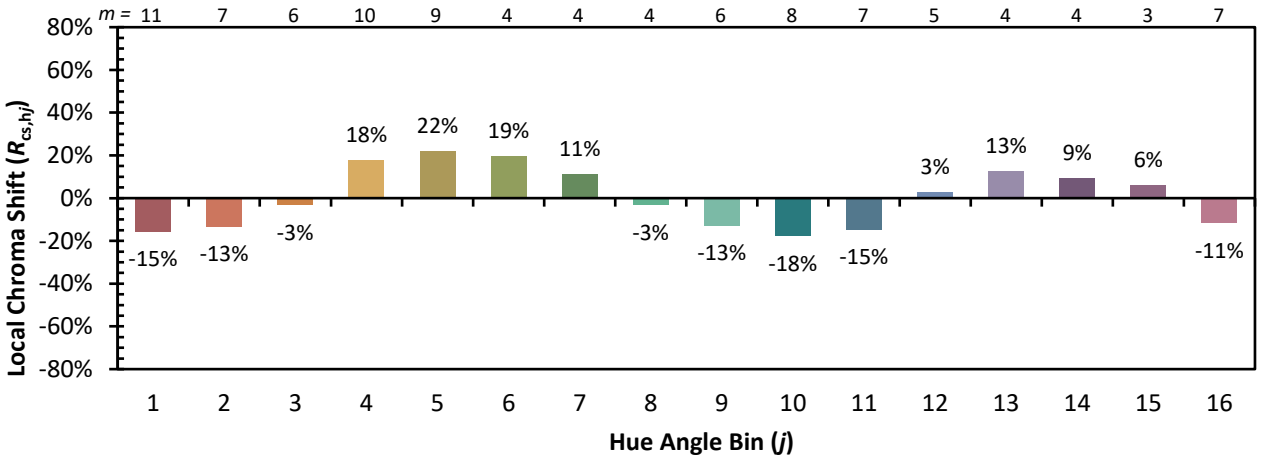
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

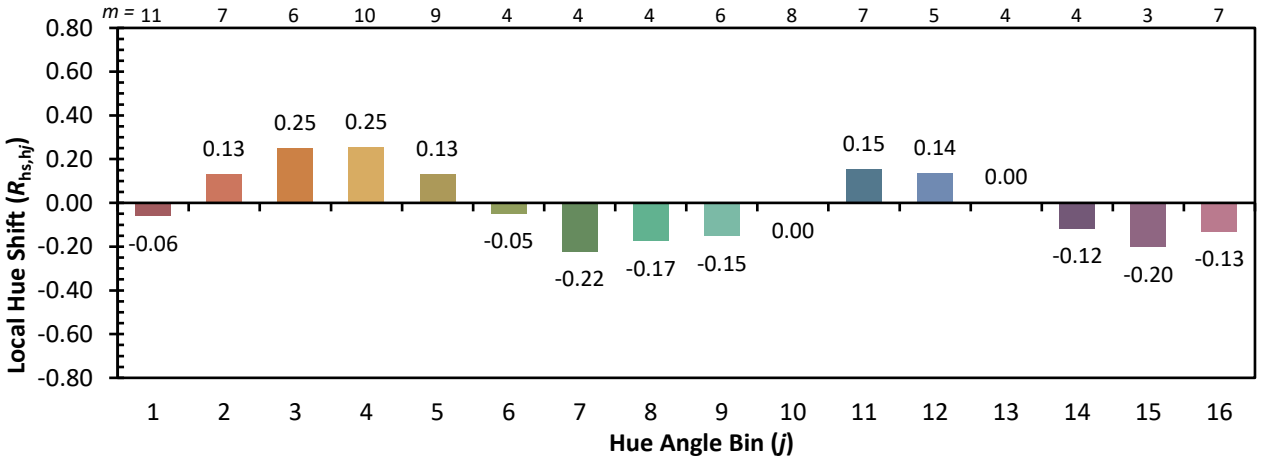


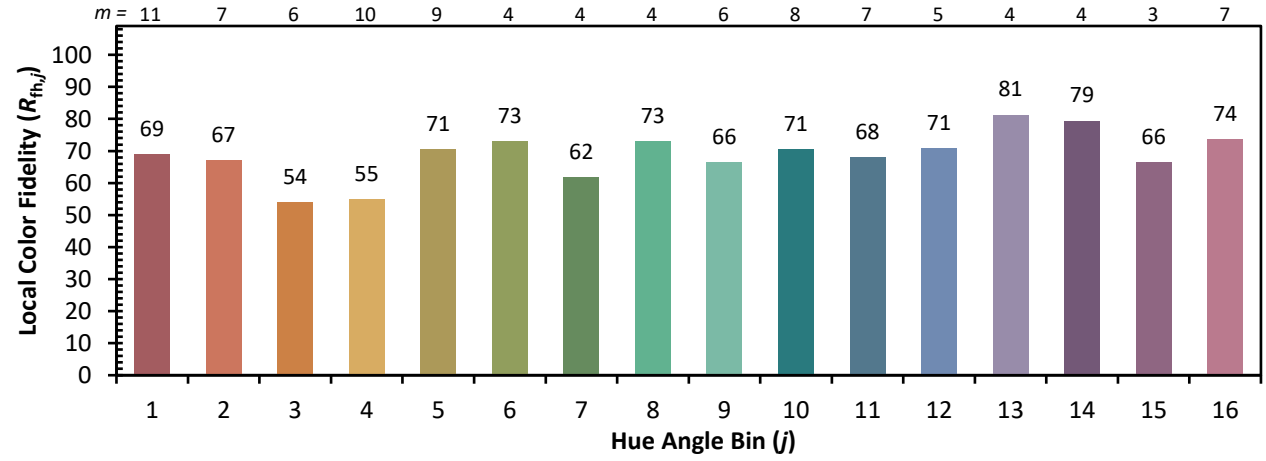
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Color Rendition by Hue-Angle Bin



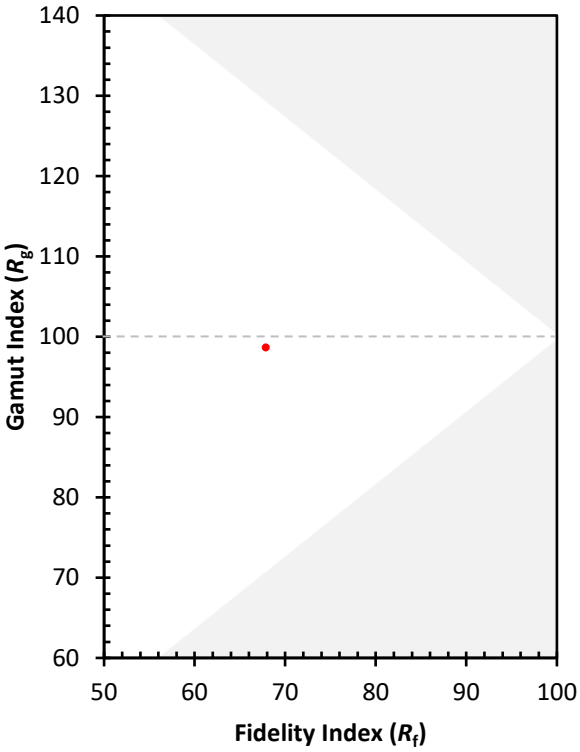


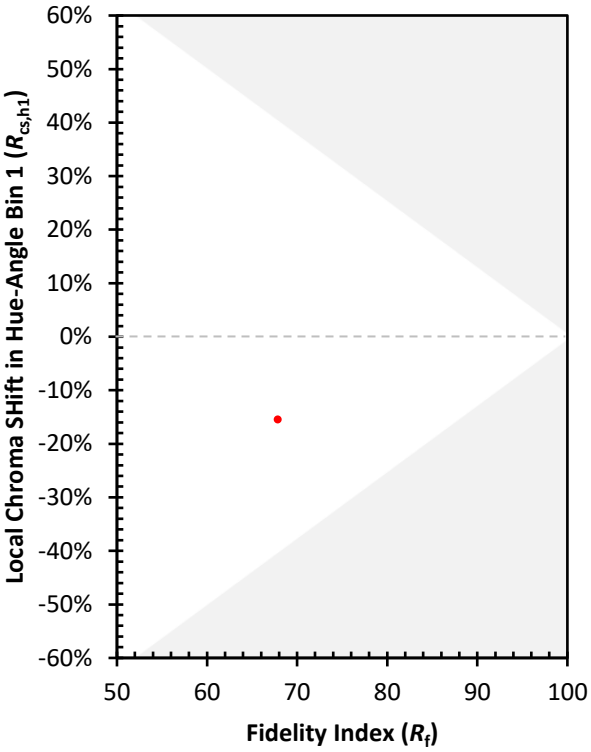


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Measure Comparisons





(END OF REPORT)