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: P1364156

Luminaire Tested: **GSS-SB4B-722-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:	P1364156
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17204.1 lumens
Efficiency:	N/A
Efficacy:	116.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

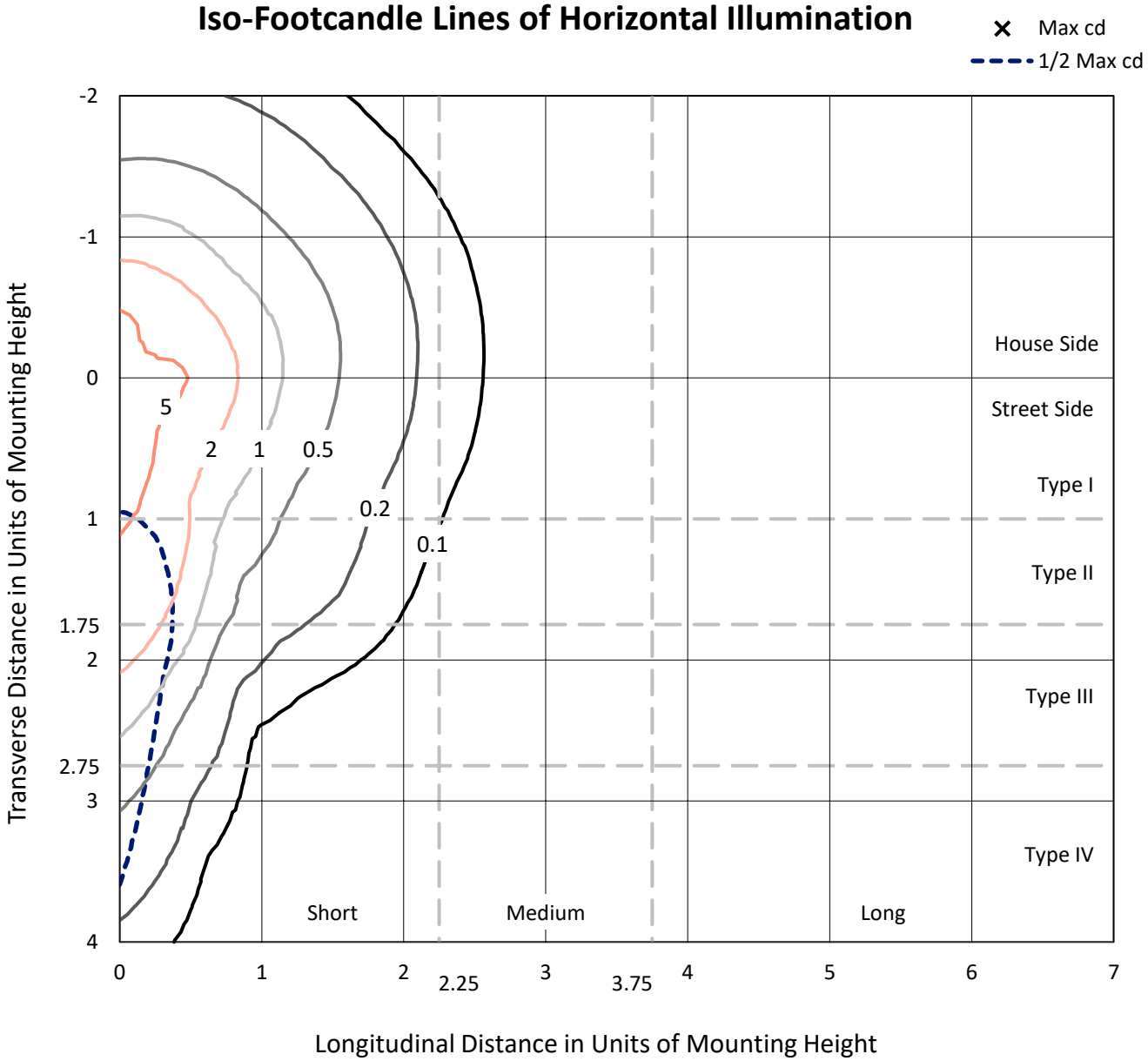
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



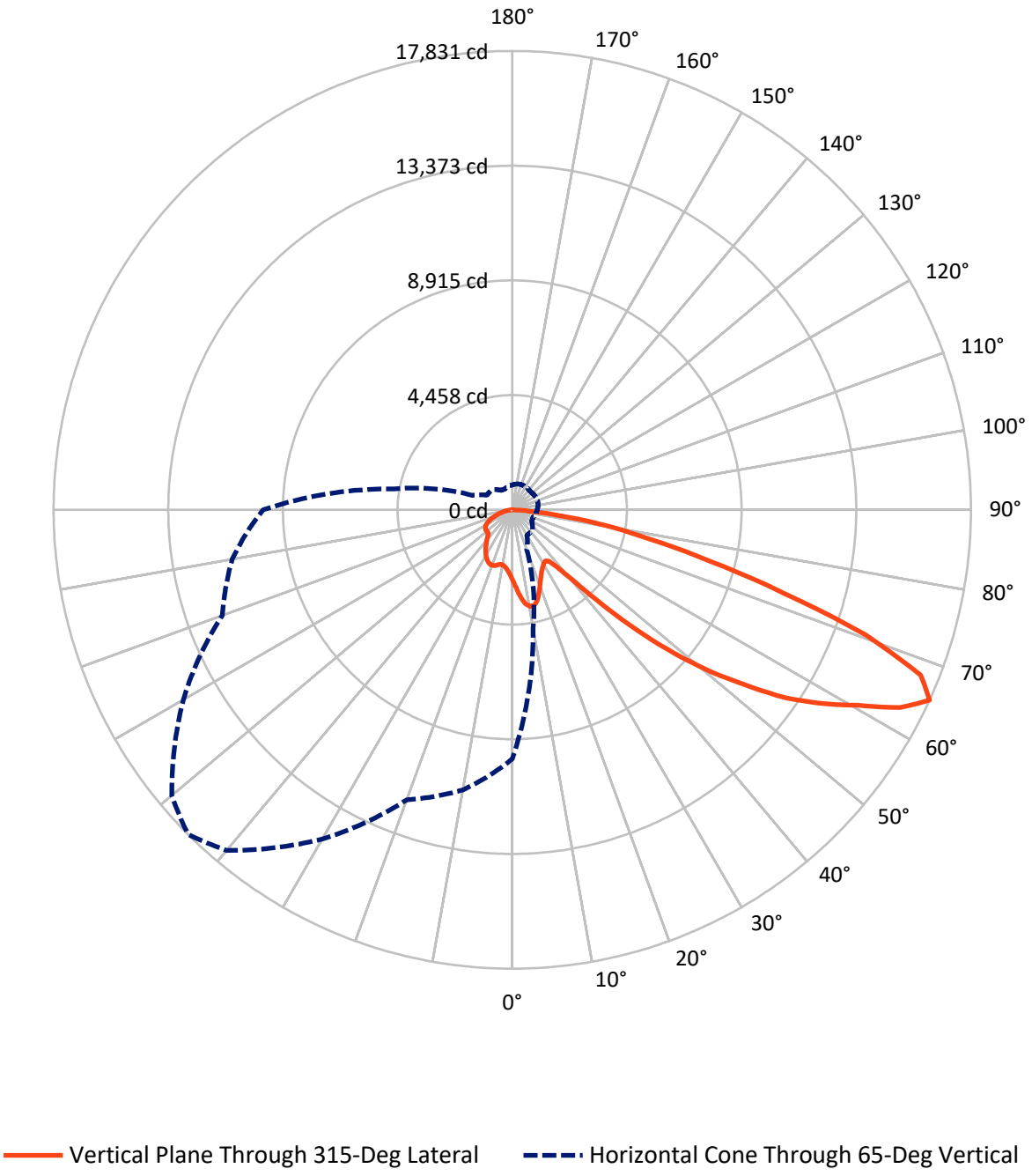
Based on 20 foot mounting height. Maximum calculated value = 8.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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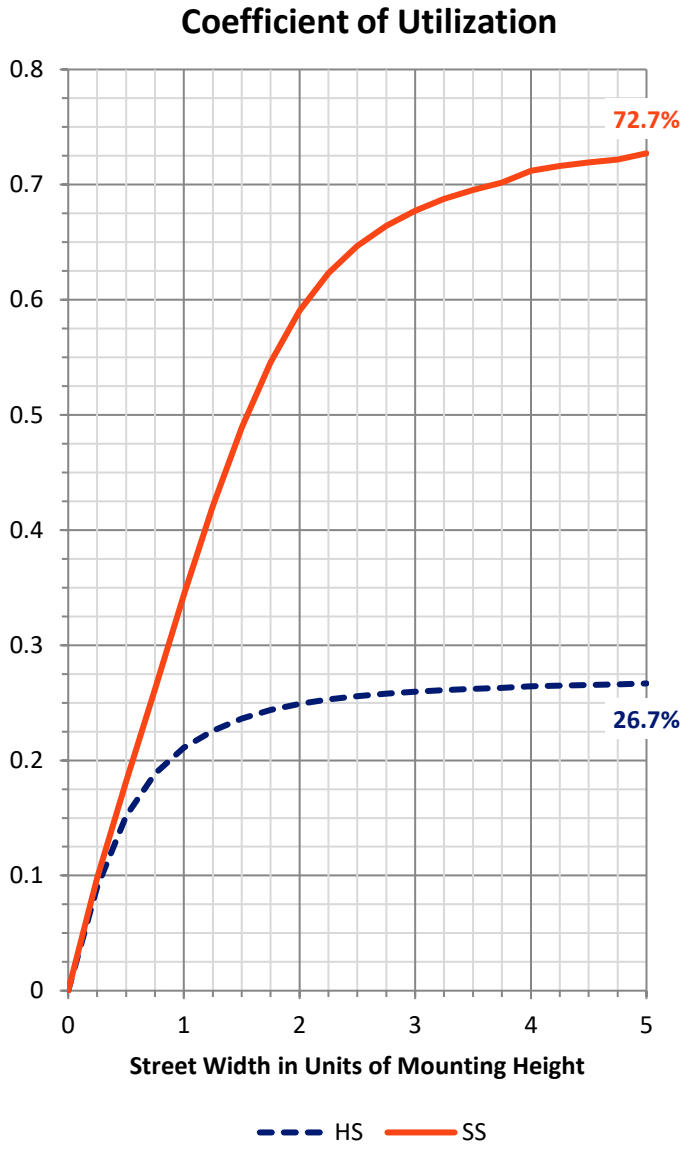
REPORT NUMBER: P1364156
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4628.3	0.0	4628.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	12575.8	0.0	12575.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	17204.1	0.0	17204.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	270.9	1.6
10°-20°	830.1	4.8
20°-30°	1284.7	7.5
30°-40°	1593.9	9.3
40°-50°	2330.8	13.5
50°-60°	3650.9	21.2
60°-70°	4332.0	25.2
70°-80°	2526.6	14.7
80°-90°	384.4	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°	17204.1	100.0
0°-180°	17204.1	100.0



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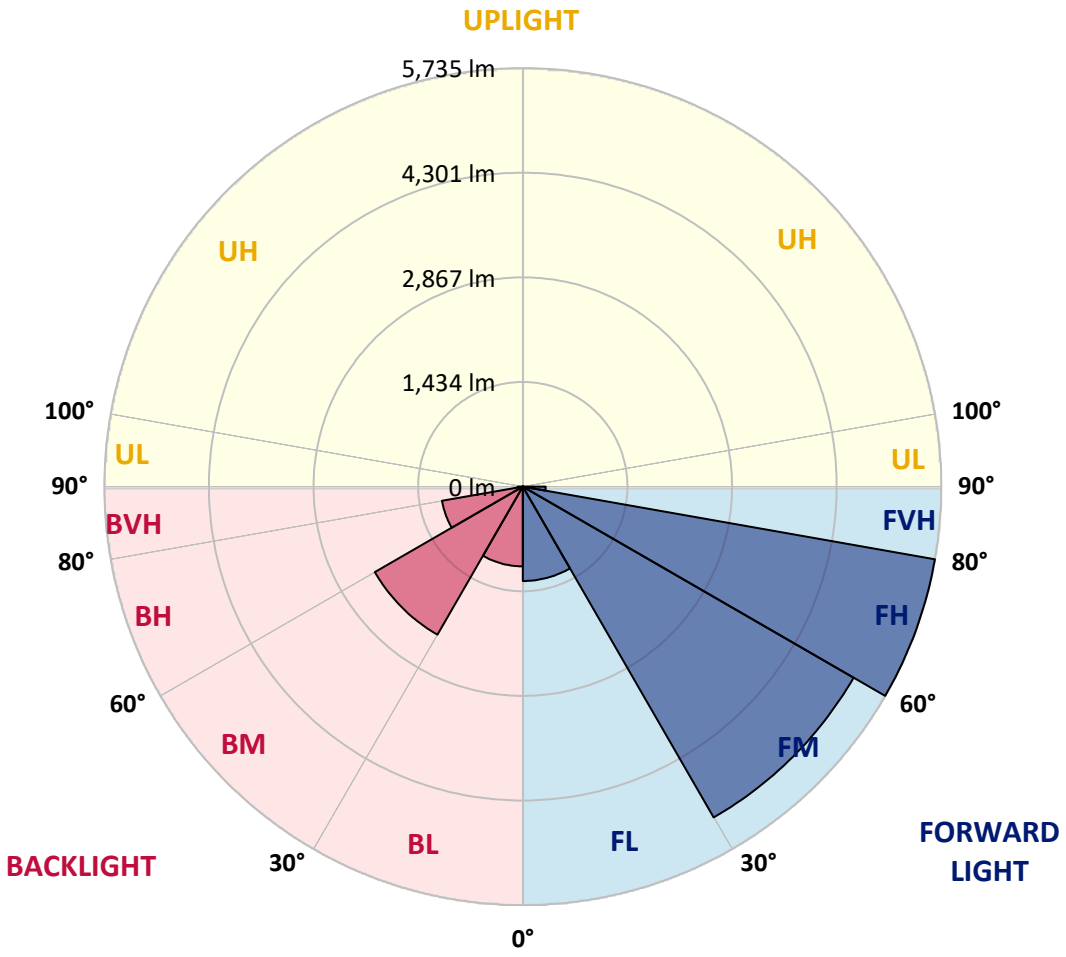
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1293.0	7.5			
FM	(30°-60°)	5233.8	30.4			
FH	(60°-80°)	5734.6	33.3			G3/7500
FVH	(80°-90°)	314.4	1.8			G3/500
BL	(0°-30°)	1092.6	6.4	B3/2500		
BM	(30°-60°)	2341.7	13.6	B2/2500		
BH	(60°-80°)	1124.0	6.5	B3/2500		G3/2500
BVH	(80°-90°)	70.0	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°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	2964.1	2937.2	2910.7	2886.3	2861.9	2837.5	2812.6	2789.1	2765.1	2741.1	2720.1
5°	3166.1	3118.5	3071.4	3021.8	2972.5	2924.1	2875.8	2829.9	2784.5	2736.9	2696.1
7.5°	3370.1	3290.2	3210.2	3134.9	3059.6	2992.3	2925.0	2864.8	2804.2	2741.1	2691.9
10°	3498.5	3402.9	3307.0	3213.6	3119.8	3036.9	2953.6	2884.2	2814.7	2747.4	2694.8
12.5°	3563.7	3468.6	3373.5	3268.7	3164.0	3071.0	2978.0	2901.4	2825.3	2751.6	2700.3
15°	3595.2	3498.9	3402.9	3296.5	3190.0	3089.9	2989.4	2903.1	2816.9	2734.8	2689.4
17.5°	3603.6	3513.6	3424.0	3310.4	3196.8	3082.3	2968.3	2867.8	2767.6	2671.7	2633.0
20°	3631.0	3540.1	3449.2	3327.2	3205.2	3071.0	2936.8	2804.7	2672.5	2545.5	2521.1
22.5°	3660.4	3577.1	3494.2	3360.0	3226.2	3062.1	2898.1	2732.3	2566.5	2415.0	2391.9
25°	3706.7	3634.8	3562.8	3416.4	3270.0	3061.3	2852.6	2646.0	2439.4	2265.7	2263.6
27.5°	3774.0	3718.9	3663.8	3498.9	3334.4	3069.3	2804.2	2557.7	2310.7	2133.2	2143.7
30°	3868.7	3825.4	3782.4	3596.5	3410.1	3086.5	2763.4	2480.7	2198.4	2025.9	2037.2
32.5°	3984.4	3957.5	3930.5	3711.3	3492.1	3105.9	2720.1	2413.4	2107.1	1948.0	1948.0
35°	4180.0	4146.4	4112.7	3833.4	3554.4	3101.3	2648.6	2336.8	2024.6	1901.7	1875.7
37.5°	4428.3	4388.3	4348.3	3982.3	3616.3	3088.2	2560.2	2251.8	1943.8	1847.0	1797.4
40°	4794.3	4715.7	4636.6	4152.7	3668.8	3058.8	2448.7	2150.4	1852.1	1775.5	1713.3
42.5°	5307.6	5141.0	4974.0	4341.2	3707.6	3007.9	2307.8	2029.6	1751.1	1697.7	1620.7
45°	5945.1	5677.9	5410.7	4597.0	3783.3	2972.9	2162.6	1906.8	1651.4	1603.0	1526.4
47.5°	6555.1	6216.8	5878.6	4860.0	3841.4	2932.1	2022.9	1784.8	1547.5	1491.5	1420.0
50°	7262.0	6803.4	6344.8	5089.3	3833.8	2862.7	1891.2	1676.2	1460.8	1384.2	1313.5
52.5°	8168.7	7440.4	6711.6	5197.8	3683.6	2720.5	1757.9	1578.6	1400.2	1302.2	1226.5
55°	9252.1	8080.3	6908.5	5169.2	3429.9	2532.0	1633.3	1497.0	1359.8	1262.2	1173.0
57.5°	10356.5	8617.6	6879.1	5013.1	3147.1	2334.7	1522.2	1428.0	1333.7	1251.7	1142.3
60°	11185.4	8858.3	6530.7	4639.1	2747.4	2085.2	1422.9	1356.9	1290.8	1226.5	1117.1
62.5°	10842.5	8324.3	5806.2	4026.1	2245.9	1768.8	1291.7	1254.6	1218.0	1190.7	1086.3
65°	*9685.4*	*7179.9*	*4674.4*	*3158.1*	*1641.7*	*1390.1*	*1138.1*	*1130.1*	*1122.5*	*1115.0*	*1028.7*
67.5°	8599.9	6166.4	3732.8	2457.5	1182.3	1062.8	943.3	965.6	987.9	999.3	940.4
70°	7560.7	5238.6	2916.6	1883.2	849.9	807.8	765.7	799.0	832.2	828.9	800.2
72.5°	6489.9	4350.0	2209.7	1415.8	621.9	621.0	620.6	645.8	671.1	637.4	655.5
75°	5313.9	3473.2	1632.5	1049.3	466.2	463.2	460.7	490.6	520.9	534.3	546.1
77.5°	3534.2	2278.7	1023.2	678.2	333.2	335.8	337.4	370.3	403.1	441.8	443.9
80°	2074.2	1306.4	538.5	374.9	211.2	213.7	215.4	249.9	284.0	338.7	336.6
82.5°	1037.1	654.7	272.6	201.5	130.4	130.9	131.3	148.1	164.9	195.6	204.1
85°	235.6	155.7	75.7	64.0	52.6	55.1	58.1	69.0	79.9	96.8	101.8
87.5°	18.9	18.5	17.7	17.3	16.8	17.7	18.9	21.0	23.1	25.2	29.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	2697.4	2675.1	2657.4	2640.1	2625.0	2609.4	2591.3	2572.8	2559.8	2546.3	2537.5
5°	2655.7	2616.2	2583.3	2550.5	2523.6	2495.8	2471.4	2446.6	2427.2	2407.5	2391.5
7.5°	2642.7	2593.9	2551.4	2508.4	2472.3	2436.1	2405.8	2375.1	2346.0	2317.4	2298.9
10°	2643.1	2591.8	2548.0	2504.2	2466.0	2427.7	2387.7	2347.7	2315.8	2283.8	2256.0
12.5°	2657.4	2614.9	2584.2	2553.9	2518.5	2483.2	2435.7	2387.7	2344.4	2301.4	2267.4
15°	2661.6	2633.8	2631.3	2628.8	2616.6	2604.4	2560.2	2516.0	2456.3	2396.1	2347.3
17.5°	2629.2	2625.4	2667.1	2708.7	2732.7	2756.7	2726.0	2694.8	2610.7	2526.5	2453.8
20°	2545.1	2568.6	2650.2	2731.4	2796.2	2861.0	2857.7	2854.7	2744.9	2634.7	2539.2
22.5°	2427.2	2462.2	2568.6	2675.1	2768.5	2861.9	2885.9	2909.4	2801.7	2693.6	2575.8
25°	2301.9	2340.2	2438.6	2537.1	2637.6	2738.2	2782.8	2827.4	2738.6	2649.8	2535.4
27.5°	2180.3	2217.3	2290.5	2363.7	2444.5	2525.3	2575.3	2625.4	2571.1	2516.9	2424.3
30°	2065.8	2094.4	2147.5	2200.5	2255.2	2309.9	2349.8	2389.8	2354.0	2318.3	2251.8
32.5°	1960.2	1972.4	2006.9	2041.4	2082.2	2122.6	2144.9	2166.8	2139.0	2111.3	2067.5
35°	1865.6	1855.5	1878.2	1900.9	1933.7	1967.0	1983.8	2000.6	1977.5	1954.3	1915.2
37.5°	1770.5	1742.7	1753.6	1763.7	1791.9	1819.7	1843.7	1868.1	1851.3	1834.4	1801.2
40°	1672.9	1632.5	1631.6	1630.4	1657.3	1683.8	1714.1	1744.0	1741.0	1737.7	1706.1
42.5°	1569.4	1518.0	1512.6	1507.1	1533.6	1560.1	1592.1	1624.1	1630.4	1636.7	1610.6
45°	1473.4	1421.3	1412.8	1404.4	1427.1	1450.7	1485.6	1521.0	1535.7	1550.4	1526.9
47.5°	1375.0	1329.5	1324.5	1319.0	1343.0	1367.4	1406.1	1445.2	1460.8	1476.8	1460.8
50°	1276.5	1239.1	1245.4	1251.7	1278.2	1304.3	1334.6	1365.3	1394.3	1422.9	1420.0
52.5°	1198.7	1170.5	1190.3	1209.6	1233.6	1258.0	1289.6	1321.1	1351.4	1382.1	1386.8
55°	1141.9	1110.8	1138.5	1166.3	1195.3	1224.4	1253.8	1283.3	1311.9	1340.1	1346.4
57.5°	1098.6	1055.2	1083.0	1110.8	1142.3	1173.9	1203.3	1232.8	1266.0	1299.2	1304.3
60°	1062.4	1007.7	1026.2	1044.3	1076.7	1108.6	1139.4	1169.7	1203.3	1237.0	1243.7
62.5°	1014.8	943.3	945.8	947.5	984.1	1020.3	1045.5	1070.8	1102.8	1135.2	1144.8
65°	*951.7*	*875.1*	*866.7*	*858.3*	*892.8*	*927.7*	*947.5*	*967.7*	*995.5*	*1023.2*	*1032.9*
67.5°	872.6	804.5	787.2	770.0	801.9	833.9	850.3	866.7	885.7	904.6	915.5
70°	759.9	719.5	708.5	697.6	723.7	749.8	764.1	778.4	793.5	808.7	814.6
72.5°	646.3	637.4	629.4	621.9	641.6	661.4	673.6	685.8	700.1	714.4	717.8
75°	541.1	536.4	530.6	525.1	540.2	555.4	564.6	574.3	589.0	603.8	610.1
77.5°	432.9	421.6	415.7	409.0	422.8	436.7	445.6	454.4	466.6	478.8	480.5
80°	323.1	309.2	304.6	299.6	309.7	319.8	323.1	326.1	336.2	345.8	345.8
82.5°	204.1	204.1	201.1	197.7	195.6	193.5	189.3	185.1	195.2	205.3	208.7
85°	102.7	103.1	98.5	93.4	87.5	80.8	79.5	77.8	77.4	76.6	79.5
87.5°	32.0	34.5	37.0	38.7	41.2	42.9	41.7	40.0	38.3	37.0	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

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	2528.6	2524.4	2520.2	2516.9	2513.9	2511.8	2513.9	2516.9	2520.2	2524.4	2528.6
5°	2375.1	2368.3	2361.2	2356.6	2351.9	2347.7	2351.9	2356.6	2361.2	2368.3	2375.1
7.5°	2280.4	2269.5	2258.5	2250.5	2242.5	2238.3	2242.5	2250.5	2258.5	2269.5	2280.4
10°	2229.1	2213.5	2198.4	2189.9	2181.5	2175.2	2181.5	2189.9	2198.4	2213.5	2229.1
12.5°	2233.3	2213.9	2195.4	2182.8	2170.2	2162.6	2170.2	2182.8	2195.4	2213.9	2233.3
15°	2298.1	2271.2	2243.4	2227.8	2212.2	2200.5	2212.2	2227.8	2243.4	2271.2	2298.1
17.5°	2381.4	2341.8	2302.3	2288.4	2274.1	2267.8	2274.1	2288.4	2302.3	2341.8	2381.4
20°	2443.7	2390.6	2338.5	2317.4	2296.4	2288.8	2296.4	2317.4	2338.5	2390.6	2443.7
22.5°	2458.0	2395.7	2333.0	2313.2	2293.0	2284.6	2293.0	2313.2	2333.0	2395.7	2458.0
25°	2421.4	2355.7	2289.7	2269.5	2248.9	2242.5	2248.9	2269.5	2289.7	2355.7	2421.4
27.5°	2331.7	2273.7	2215.2	2193.7	2171.9	2158.4	2171.9	2193.7	2215.2	2273.7	2331.7
30°	2185.7	2142.4	2099.5	2086.0	2072.1	2065.8	2072.1	2086.0	2099.5	2142.4	2185.7
32.5°	2023.8	1996.8	1969.9	1961.1	1952.2	1948.0	1952.2	1961.1	1969.9	1996.8	2023.8
35°	1876.5	1857.1	1837.8	1830.6	1823.9	1817.6	1823.9	1830.6	1837.8	1857.1	1876.5
37.5°	1767.9	1745.2	1721.7	1709.0	1696.4	1687.2	1696.4	1709.0	1721.7	1745.2	1767.9
40°	1674.5	1641.7	1609.3	1592.1	1574.4	1565.2	1574.4	1592.1	1609.3	1641.7	1674.5
42.5°	1584.1	1546.2	1508.4	1481.8	1455.8	1438.9	1455.8	1481.8	1508.4	1546.2	1584.1
45°	1502.9	1460.4	1417.9	1386.3	1354.8	1333.7	1354.8	1386.3	1417.9	1460.4	1502.9
47.5°	1445.2	1408.6	1371.6	1343.8	1316.1	1295.9	1316.1	1343.8	1371.6	1408.6	1445.2
50°	1417.1	1388.0	1359.0	1332.9	1306.4	1287.5	1306.4	1332.9	1359.0	1388.0	1417.1
52.5°	1391.8	1370.8	1349.7	1327.0	1304.3	1287.5	1304.3	1327.0	1349.7	1370.8	1391.8
55°	1352.7	1337.5	1322.0	1305.1	1288.3	1274.8	1288.3	1305.1	1322.0	1337.5	1352.7
57.5°	1309.3	1293.4	1276.9	1264.3	1251.7	1245.4	1251.7	1264.3	1276.9	1293.4	1309.3
60°	1250.4	1237.8	1225.2	1213.4	1201.2	1190.7	1201.2	1213.4	1225.2	1237.8	1250.4
62.5°	1154.9	1149.0	1143.6	1130.1	1117.1	1102.3	1117.1	1130.1	1143.6	1149.0	1154.9
65°	*1042.6*	*1039.6*	*1037.1*	*1027.4*	*1018.2*	*1001.4*	*1018.2*	*1027.4*	*1037.1*	*1039.6*	*1042.6*
67.5°	926.5	921.0	915.1	905.0	895.3	892.0	895.3	905.0	915.1	921.0	926.5
70°	820.4	812.0	803.6	780.9	758.2	732.1	758.2	780.9	803.6	812.0	820.4
72.5°	721.6	708.5	695.1	668.6	641.6	614.3	641.6	668.6	695.1	708.5	721.6
75°	616.4	597.9	579.8	551.6	523.8	504.9	523.8	551.6	579.8	597.9	616.4
77.5°	483.0	467.0	451.0	434.2	417.4	408.1	417.4	434.2	451.0	467.0	483.0
80°	345.8	334.1	321.9	313.5	305.0	298.7	305.0	313.5	321.9	334.1	345.8
82.5°	212.5	207.0	202.0	192.7	183.0	176.7	183.0	192.7	202.0	207.0	212.5
85°	82.0	80.8	79.9	76.6	73.6	71.5	73.6	76.6	79.9	80.8	82.0
87.5°	30.3	27.8	25.2	23.6	21.9	21.0	21.9	23.6	25.2	27.8	30.3
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: P1364156
CATALOG NUMBER: GSS-SB4B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	2537.5	2546.3	2559.8	2572.8	2591.3	2609.4	2625.0	2640.1	2657.4	2675.1	2697.4
5°	2391.5	2407.5	2427.2	2446.6	2471.4	2495.8	2523.6	2550.5	2583.3	2616.2	2655.7
7.5°	2298.9	2317.4	2346.0	2375.1	2405.8	2436.1	2472.3	2508.4	2551.4	2593.9	2642.7
10°	2256.0	2283.8	2315.8	2347.7	2387.7	2427.7	2466.0	2504.2	2548.0	2591.8	2643.1
12.5°	2267.4	2301.4	2344.4	2387.7	2435.7	2483.2	2518.5	2553.9	2584.2	2614.9	2657.4
15°	2347.3	2396.1	2456.3	2516.0	2560.2	2604.4	2616.6	2628.8	2631.3	2633.8	2661.6
17.5°	2453.8	2526.5	2610.7	2694.8	2726.0	2756.7	2732.7	2708.7	2667.1	2625.4	2629.2
20°	2539.2	2634.7	2744.9	2854.7	2857.7	2861.0	2796.2	2731.4	2650.2	2568.6	2545.1
22.5°	2575.8	2693.6	2801.7	2909.4	2885.9	2861.9	2768.5	2675.1	2568.6	2462.2	2427.2
25°	2535.4	2649.8	2738.6	2827.4	2782.8	2738.2	2637.6	2537.1	2438.6	2340.2	2301.9
27.5°	2424.3	2516.9	2571.1	2625.4	2575.3	2525.3	2444.5	2363.7	2290.5	2217.3	2180.3
30°	2251.8	2318.3	2354.0	2389.8	2349.8	2309.9	2255.2	2200.5	2147.5	2094.4	2065.8
32.5°	2067.5	2111.3	2139.0	2166.8	2144.9	2122.6	2082.2	2041.4	2006.9	1972.4	1960.2
35°	1915.2	1954.3	1977.5	2000.6	1983.8	1967.0	1933.7	1900.9	1878.2	1855.5	1865.6
37.5°	1801.2	1834.4	1851.3	1868.1	1843.7	1819.7	1791.9	1763.7	1753.6	1742.7	1770.5
40°	1706.1	1737.7	1741.0	1744.0	1714.1	1683.8	1657.3	1630.4	1631.6	1632.5	1672.9
42.5°	1610.6	1636.7	1630.4	1624.1	1592.1	1560.1	1533.6	1507.1	1512.6	1518.0	1569.4
45°	1526.9	1550.4	1535.7	1521.0	1485.6	1450.7	1427.1	1404.4	1412.8	1421.3	1473.4
47.5°	1460.8	1476.8	1460.8	1445.2	1406.1	1367.4	1343.0	1319.0	1324.5	1329.5	1375.0
50°	1420.0	1422.9	1394.3	1365.3	1334.6	1304.3	1278.2	1251.7	1245.4	1239.1	1276.5
52.5°	1386.8	1382.1	1351.4	1321.1	1289.6	1258.0	1233.6	1209.6	1190.3	1170.5	1198.7
55°	1346.4	1340.1	1311.9	1283.3	1253.8	1224.4	1195.3	1166.3	1138.5	1110.8	1141.9
57.5°	1304.3	1299.2	1266.0	1232.8	1203.3	1173.9	1142.3	1110.8	1083.0	1055.2	1098.6
60°	1243.7	1237.0	1203.3	1169.7	1139.4	1108.6	1076.7	1044.3	1026.2	1007.7	1062.4
62.5°	1144.8	1135.2	1102.8	1070.8	1045.5	1020.3	984.1	947.5	945.8	943.3	1014.8
65°	*1032.9*	*1023.2*	*995.5*	*967.7*	*947.5*	*927.7*	*892.8*	*858.3*	*866.7*	*875.1*	*951.7*
67.5°	915.5	904.6	885.7	866.7	850.3	833.9	801.9	770.0	787.2	804.5	872.6
70°	814.6	808.7	793.5	778.4	764.1	749.8	723.7	697.6	708.5	719.5	759.9
72.5°	717.8	714.4	700.1	685.8	673.6	661.4	641.6	621.9	629.4	637.4	646.3
75°	610.1	603.8	589.0	574.3	564.6	555.4	540.2	525.1	530.6	536.4	541.1
77.5°	480.5	478.8	466.6	454.4	445.6	436.7	422.8	409.0	415.7	421.6	432.9
80°	345.8	345.8	336.2	326.1	323.1	319.8	309.7	299.6	304.6	309.2	323.1
82.5°	208.7	205.3	195.2	185.1	189.3	193.5	195.6	197.7	201.1	204.1	204.1
85°	79.5	76.6	77.4	77.8	79.5	80.8	87.5	93.4	98.5	103.1	102.7
87.5°	33.7	37.0	38.3	40.0	41.7	42.9	41.2	38.7	37.0	34.5	32.0
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364156
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	2720.1	2741.1	2765.1	2789.1	2812.6	2837.5	2861.9	2886.3	2910.7	2937.2	2964.1
5°	2696.1	2736.9	2784.5	2829.9	2875.8	2924.1	2972.5	3021.8	3071.4	3118.5	3166.1
7.5°	2691.9	2741.1	2804.2	2864.8	2925.0	2992.3	3059.6	3134.9	3210.2	3290.2	3370.1
10°	2694.8	2747.4	2814.7	2884.2	2953.6	3036.9	3119.8	3213.6	3307.0	3402.9	3498.5
12.5°	2700.3	2751.6	2825.3	2901.4	2978.0	3071.0	3164.0	3268.7	3373.5	3468.6	3563.7
15°	2689.4	2734.8	2816.9	2903.1	2989.4	3089.9	3190.0	3296.5	3402.9	3498.9	3595.2
17.5°	2633.0	2671.7	2767.6	2867.8	2968.3	3082.3	3196.8	3310.4	3424.0	3513.6	3603.6
20°	2521.1	2545.5	2672.5	2804.7	2936.8	3071.0	3205.2	3327.2	3449.2	3540.1	3631.0
22.5°	2391.9	2415.0	2566.5	2732.3	2898.1	3062.1	3226.2	3360.0	3494.2	3577.1	3660.4
25°	2263.6	2265.7	2439.4	2646.0	2852.6	3061.3	3270.0	3416.4	3562.8	3634.8	3706.7
27.5°	2143.7	2133.2	2310.7	2557.7	2804.2	3069.3	3334.4	3498.9	3663.8	3718.9	3774.0
30°	2037.2	2025.9	2198.4	2480.7	2763.4	3086.5	3410.1	3596.5	3782.4	3825.4	3868.7
32.5°	1948.0	1948.0	2107.1	2413.4	2720.1	3105.9	3492.1	3711.3	3930.5	3957.5	3984.4
35°	1875.7	1901.7	2024.6	2336.8	2648.6	3101.3	3554.4	3833.4	4112.7	4146.4	4180.0
37.5°	1797.4	1847.0	1943.8	2251.8	2560.2	3088.2	3616.3	3982.3	4348.3	4388.3	4428.3
40°	1713.3	1775.5	1852.1	2150.4	2448.7	3058.8	3668.8	4152.7	4636.6	4715.7	4794.3
42.5°	1620.7	1697.7	1751.1	2029.6	2307.8	3007.9	3707.6	4341.2	4974.0	5141.0	5307.6
45°	1526.4	1603.0	1651.4	1906.8	2162.6	2972.9	3783.3	4597.0	5410.7	5677.9	5945.1
47.5°	1420.0	1491.5	1547.5	1784.8	2022.9	2932.1	3841.4	4860.0	5878.6	6216.8	6555.1
50°	1313.5	1384.2	1460.8	1676.2	1891.2	2862.7	3833.8	5089.3	6344.8	6803.4	7262.0
52.5°	1226.5	1302.2	1400.2	1578.6	1757.9	2720.5	3683.6	5197.8	6711.6	7440.4	8168.7
55°	1173.0	1262.2	1359.8	1497.0	1633.3	2532.0	3429.9	5169.2	6908.5	8080.3	9252.1
57.5°	1142.3	1251.7	1333.7	1428.0	1522.2	2334.7	3147.1	5013.1	6879.1	8617.6	10356.5
60°	1117.1	1226.5	1290.8	1356.9	1422.9	2085.2	2747.4	4639.1	6530.7	8858.3	11185.4
62.5°	1086.3	1190.7	1218.0	1254.6	1291.7	1768.8	2245.9	4026.1	5806.2	8324.3	10842.5
65°	*1028.7*	*1115.0*	*1122.5*	*1130.1*	*1138.1*	*1390.1*	*1641.7*	*3158.1*	*4674.4*	*7179.9*	*9685.4*
67.5°	940.4	999.3	987.9	965.6	943.3	1062.8	1182.3	2457.5	3732.8	6166.4	8599.9
70°	800.2	828.9	832.2	799.0	765.7	807.8	849.9	1883.2	2916.6	5238.6	7560.7
72.5°	655.5	637.4	671.1	645.8	620.6	621.0	621.9	1415.8	2209.7	4350.0	6489.9
75°	546.1	534.3	520.9	490.6	460.7	463.2	466.2	1049.3	1632.5	3473.2	5313.9
77.5°	443.9	441.8	403.1	370.3	337.4	335.8	333.2	678.2	1023.2	2278.7	3534.2
80°	336.6	338.7	284.0	249.9	215.4	213.7	211.2	374.9	538.5	1306.4	2074.2
82.5°	204.1	195.6	164.9	148.1	131.3	130.9	130.4	201.5	272.6	654.7	1037.1
85°	101.8	96.8	79.9	69.0	58.1	55.1	52.6	64.0	75.7	155.7	235.6
87.5°	29.5	25.2	23.1	21.0	18.9	17.7	16.8	17.3	17.7	18.5	18.9
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
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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	*2743.2*	2743.2	2743.2
2.5°	2974.6	2985.1	2996.5	3008.3	3015.0	3021.8	3028.9	3035.6	*3041.9*	3035.6	3028.9
5°	3213.6	3260.7	3292.7	3324.7	3349.1	3373.5	3387.4	3401.7	*3403.8*	3401.7	3387.4
7.5°	3426.5	3482.9	3531.7	3580.5	3611.6	3642.8	3660.9	3679.4	*3685.7*	3679.4	3660.9
10°	3564.5	3631.0	3678.1	3725.6	3754.7	3783.3	3797.6	3811.9	*3816.1*	3811.9	3797.6
12.5°	3627.2	3690.7	3727.3	3763.5	3782.0	3800.1	3806.9	3812.7	*3807.7*	3812.7	3806.9
15°	3632.7	3669.7	3685.3	3700.4	3691.6	3682.3	3669.3	3656.2	*3647.8*	3656.2	3669.3
17.5°	3616.7	3630.1	3602.0	3574.2	3523.7	3473.2	3435.3	3397.5	*3370.1*	3397.5	3435.3
20°	3609.9	3588.9	3514.0	3439.5	3344.9	3250.2	3186.7	3122.7	*3084.0*	3122.7	3186.7
22.5°	3601.1	3541.8	3416.0	3290.2	3160.6	3031.4	2958.2	2885.4	*2844.2*	2885.4	2958.2
25°	3604.9	3502.7	3332.7	3163.1	3010.8	2858.9	2779.4	2700.3	*2654.9*	2700.3	2779.4
27.5°	3618.4	3462.7	3252.3	3041.9	2877.0	2711.7	2635.9	2560.2	*2520.2*	2560.2	2635.9
30°	3662.1	3455.1	3203.5	2951.5	2779.0	2606.5	2532.4	2458.0	*2415.0*	2458.0	2532.4
32.5°	3723.5	3462.7	3180.8	2898.9	2723.0	2547.6	2476.5	2405.8	*2368.8*	2405.8	2476.5
35°	3849.8	3519.5	3206.9	2894.7	2731.4	2568.6	2516.4	2464.7	*2444.5*	2464.7	2516.4
37.5°	4042.5	3656.2	3334.4	3012.5	2901.4	2790.3	2790.3	2790.3	*2806.3*	2790.3	2790.3
40°	4361.0	3927.6	3623.0	3318.8	3312.1	3306.2	3376.9	3448.0	*3479.5*	3448.0	3376.9
42.5°	4849.4	4391.7	4146.0	3900.3	4047.5	4194.8	4399.3	4603.7	*4737.5*	4603.7	4399.3
45°	5499.1	5053.1	4881.4	4710.2	5037.9	5365.3	5726.7	6088.1	*6344.8*	6088.1	5726.7
47.5°	6179.8	5804.1	5706.1	5608.5	6153.3	6698.2	7227.9	7757.6	*8069.8*	7757.6	7227.9
50°	6924.5	6586.7	6567.7	6548.8	7274.6	8000.4	8684.1	9367.8	*9748.5*	9367.8	8684.1
52.5°	7798.0	7426.9	7442.0	7456.3	8318.4	9180.5	10007.3	10834.0	*11263.2*	10834.0	10007.3
55°	8787.1	8322.2	8319.7	8317.2	9307.6	10298.9	11314.5	12331.0	*12904.1*	12331.0	11314.5
57.5°	9921.0	9485.6	9382.1	9278.2	10314.0	11349.5	12471.1	13593.3	*14195.8*	13593.3	12471.1
60°	10945.5	10705.7	10539.9	10374.6	11438.2	12502.3	13661.0	14819.3	*15420.1*	14819.3	13661.0
62.5°	11271.2	11699.9	11687.7	11675.5	12823.7	13971.9	15176.9	16382.8	*16922.1*	16382.8	15176.9
65°	*10369.1*	*11052.8*	*11523.2*	*11993.2*	*13381.2*	*14768.8*	*16024.3*	*17279.8*	*17830.9*	*17279.8*	*16024.3*
67.5°	9202.4	9805.3	10190.3	10575.3	12139.2	13703.5	15128.1	16552.7	*17119.9*	16552.7	15128.1
70°	8228.0	8895.3	9170.4	9445.6	10774.3	12102.6	13229.7	14356.5	*14578.6*	14356.5	13229.7
72.5°	7283.4	8077.4	8193.9	8310.4	9277.3	10244.2	10844.6	11445.0	*10960.3*	11445.0	10844.6
75°	6209.3	7104.2	7182.0	7259.9	7561.1	7862.8	8015.5	8168.7	*7893.1*	8168.7	8015.5
77.5°	4309.2	5084.6	5259.2	5433.9	5634.5	5835.7	5825.1	5814.6	*5427.5*	5814.6	5825.1
80°	2680.5	3286.8	3309.5	3332.3	3482.9	3633.1	3786.7	3940.2	*3694.1*	3940.2	3786.7
82.5°	1369.9	1703.2	1754.5	1805.8	1898.0	1990.1	2033.0	2076.4	*1868.1*	2076.4	2033.0
85°	322.3	409.0	492.7	576.4	673.2	770.0	759.0	748.1	*631.1*	748.1	759.0
87.5°	19.4	20.2	20.6	21.0	21.5	21.9	23.1	24.4	*25.2*	24.4	23.1
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

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REPORT NUMBER: P1364156
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2	2743.2
2.5°	3021.8	3015.0	3008.3	2996.5	2985.1	2974.6	2964.1
5°	3373.5	3349.1	3324.7	3292.7	3260.7	3213.6	3166.1
7.5°	3642.8	3611.6	3580.5	3531.7	3482.9	3426.5	3370.1
10°	3783.3	3754.7	3725.6	3678.1	3631.0	3564.5	3498.5
12.5°	3800.1	3782.0	3763.5	3727.3	3690.7	3627.2	3563.7
15°	3682.3	3691.6	3700.4	3685.3	3669.7	3632.7	3595.2
17.5°	3473.2	3523.7	3574.2	3602.0	3630.1	3616.7	3603.6
20°	3250.2	3344.9	3439.5	3514.0	3588.9	3609.9	3631.0
22.5°	3031.4	3160.6	3290.2	3416.0	3541.8	3601.1	3660.4
25°	2858.9	3010.8	3163.1	3332.7	3502.7	3604.9	3706.7
27.5°	2711.7	2877.0	3041.9	3252.3	3462.7	3618.4	3774.0
30°	2606.5	2779.0	2951.5	3203.5	3455.1	3662.1	3868.7
32.5°	2547.6	2723.0	2898.9	3180.8	3462.7	3723.5	3984.4
35°	2568.6	2731.4	2894.7	3206.9	3519.5	3849.8	4180.0
37.5°	2790.3	2901.4	3012.5	3334.4	3656.2	4042.5	4428.3
40°	3306.2	3312.1	3318.8	3623.0	3927.6	4361.0	4794.3
42.5°	4194.8	4047.5	3900.3	4146.0	4391.7	4849.4	5307.6
45°	5365.3	5037.9	4710.2	4881.4	5053.1	5499.1	5945.1
47.5°	6698.2	6153.3	5608.5	5706.1	5804.1	6179.8	6555.1
50°	8000.4	7274.6	6548.8	6567.7	6586.7	6924.5	7262.0
52.5°	9180.5	8318.4	7456.3	7442.0	7426.9	7798.0	8168.7
55°	10298.9	9307.6	8317.2	8319.7	8322.2	8787.1	9252.1
57.5°	11349.5	10314.0	9278.2	9382.1	9485.6	9921.0	10356.5
60°	12502.3	11438.2	10374.6	10539.9	10705.7	10945.5	11185.4
62.5°	13971.9	12823.7	11675.5	11687.7	11699.9	11271.2	10842.5
65°	*14768.8*	*13381.2*	*11993.2*	*11523.2*	*11052.8*	*10369.1*	*9685.4*
67.5°	13703.5	12139.2	10575.3	10190.3	9805.3	9202.4	8599.9
70°	12102.6	10774.3	9445.6	9170.4	8895.3	8228.0	7560.7
72.5°	10244.2	9277.3	8310.4	8193.9	8077.4	7283.4	6489.9
75°	7862.8	7561.1	7259.9	7182.0	7104.2	6209.3	5313.9
77.5°	5835.7	5634.5	5433.9	5259.2	5084.6	4309.2	3534.2
80°	3633.1	3482.9	3332.3	3309.5	3286.8	2680.5	2074.2
82.5°	1990.1	1898.0	1805.8	1754.5	1703.2	1369.9	1037.1
85°	770.0	673.2	576.4	492.7	409.0	322.3	235.6
87.5°	21.9	21.5	21.0	20.6	20.2	19.4	18.9
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

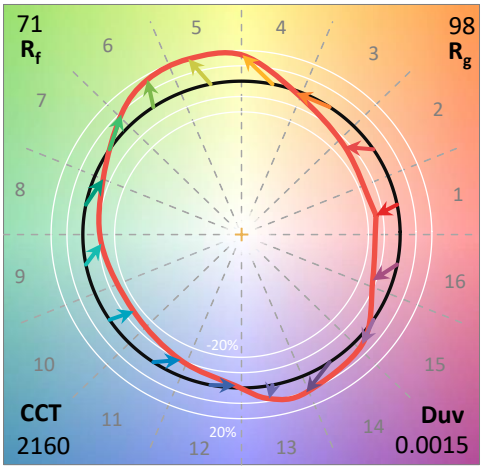
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

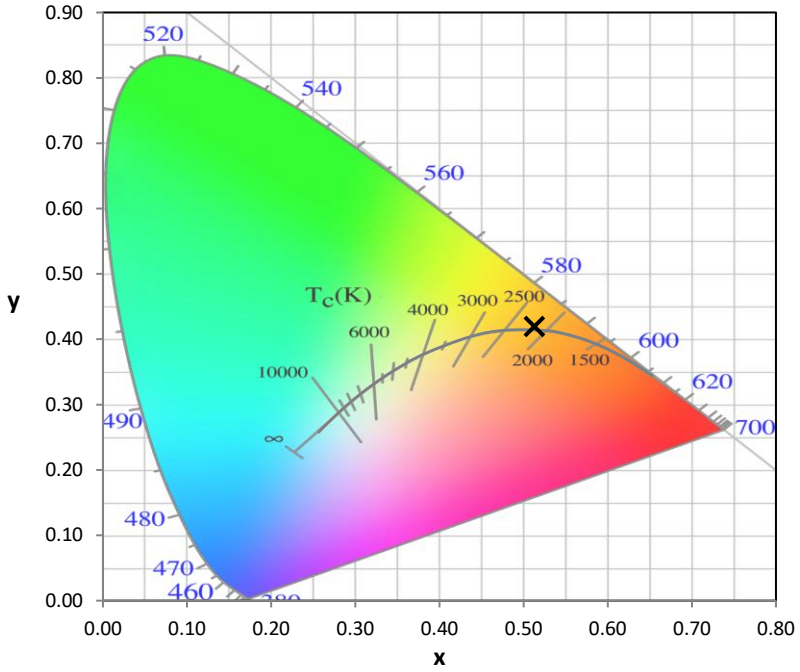
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

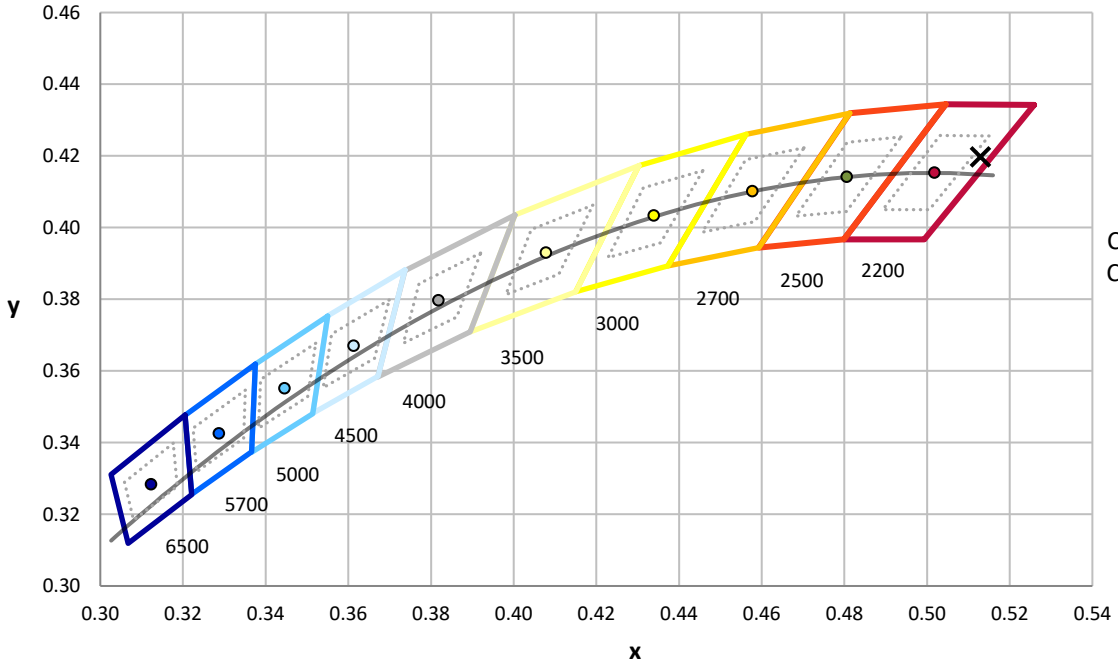
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

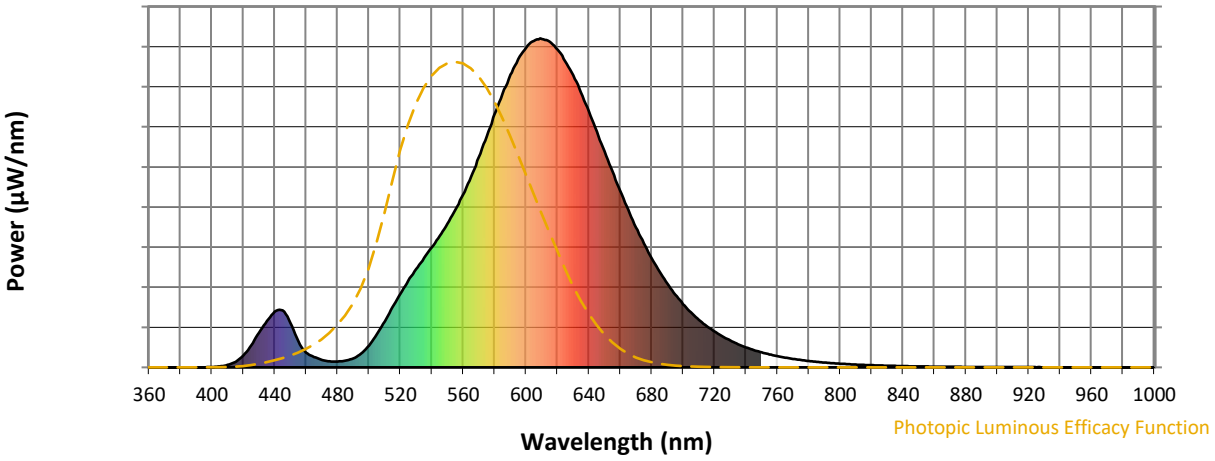


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

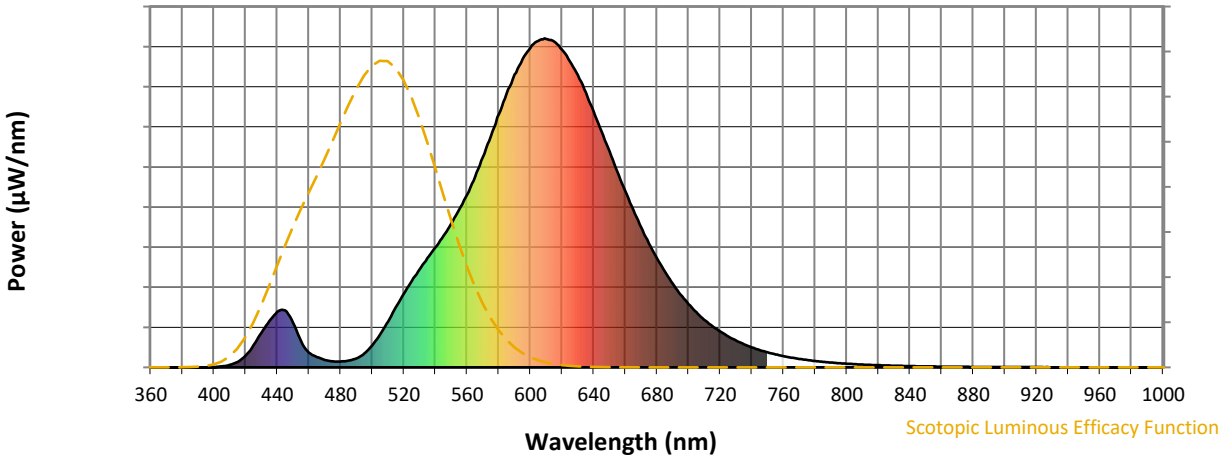


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

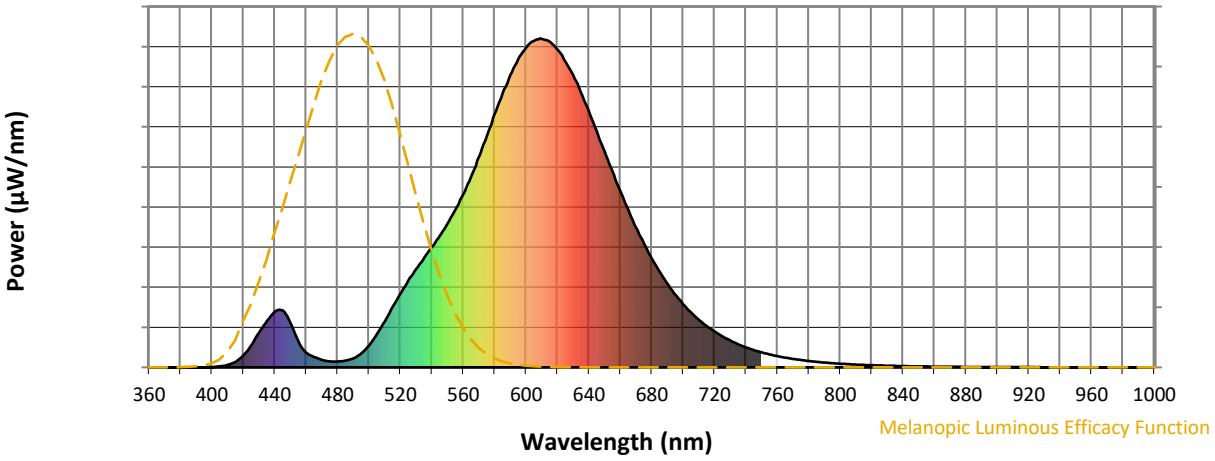


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

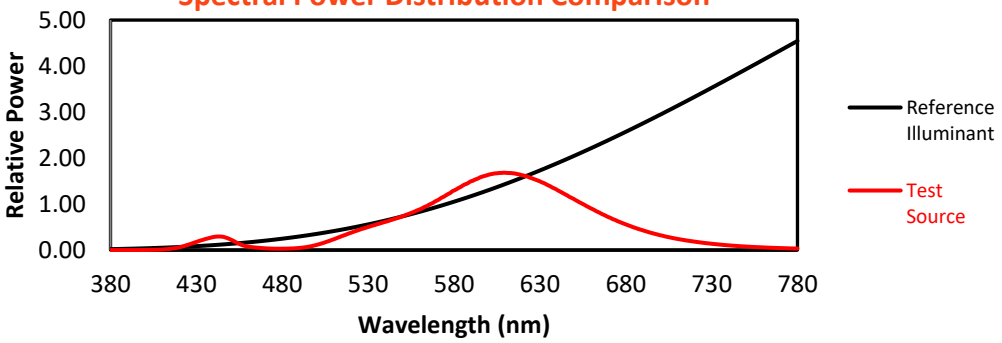
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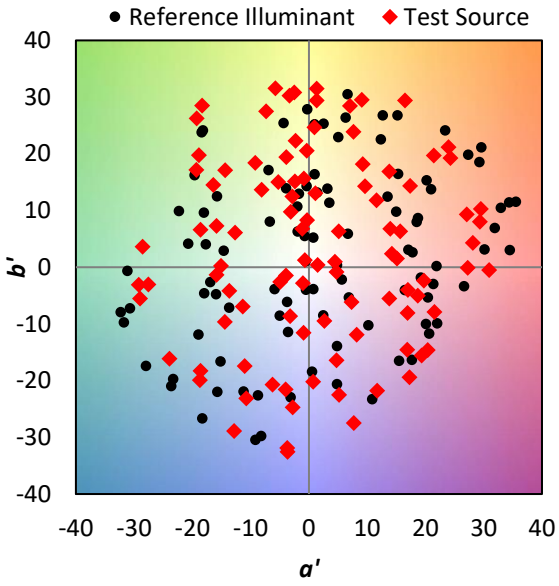
Summary

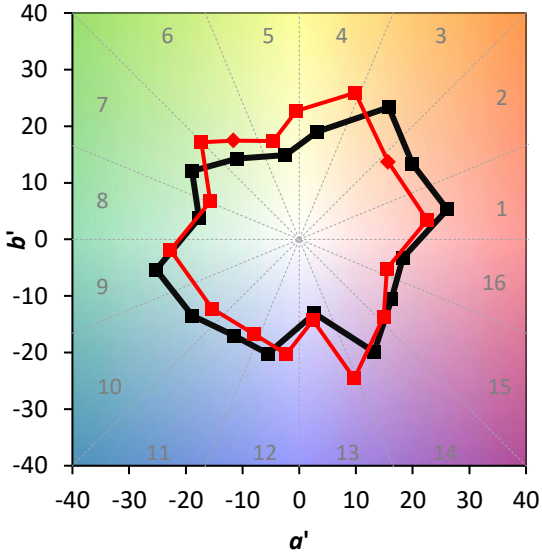
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

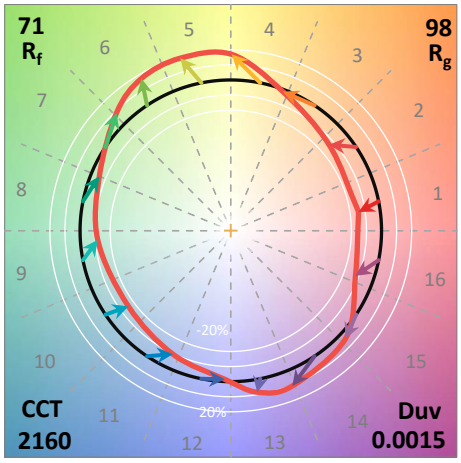
Spectral Power Distribution Comparison

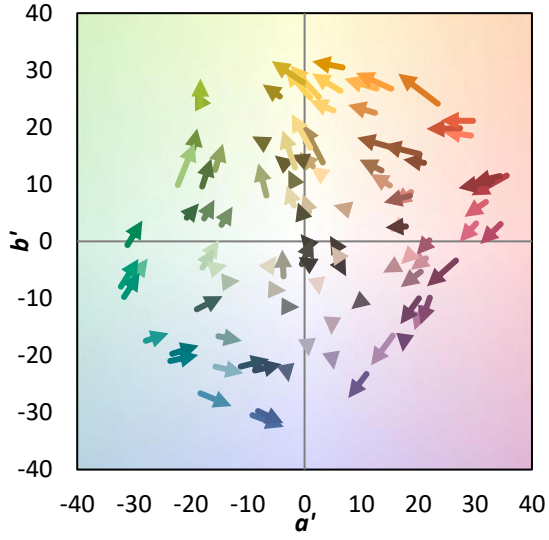


Color Vector Graphics







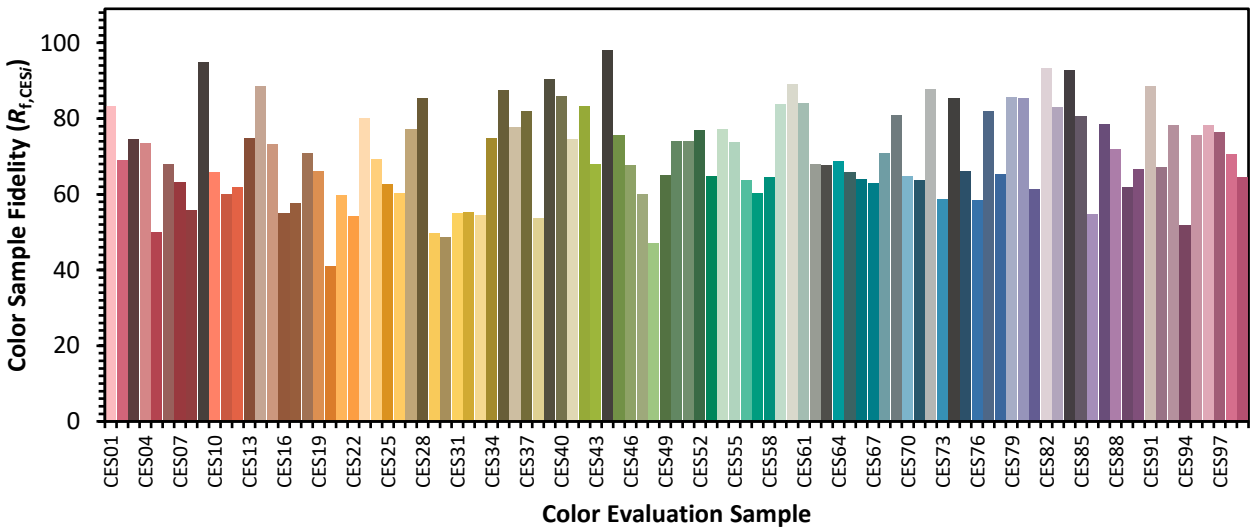


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Individual Sample Fidelity Index ($R_{f,i}$)

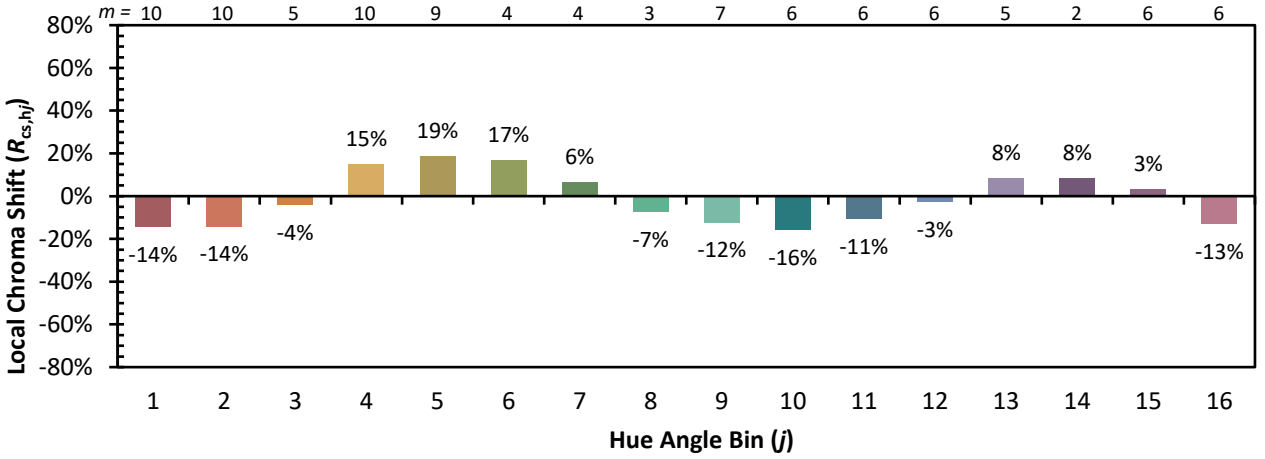
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

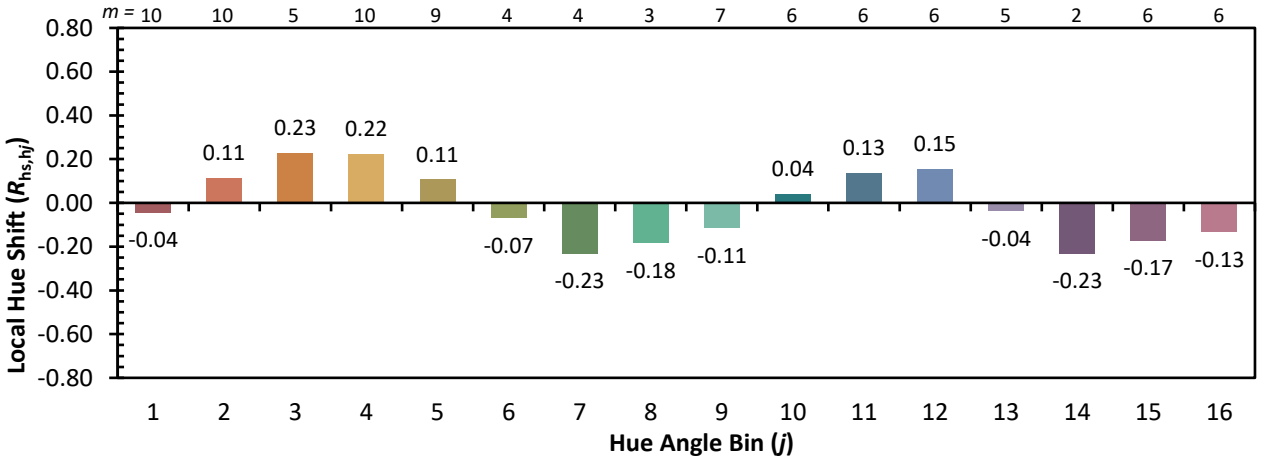


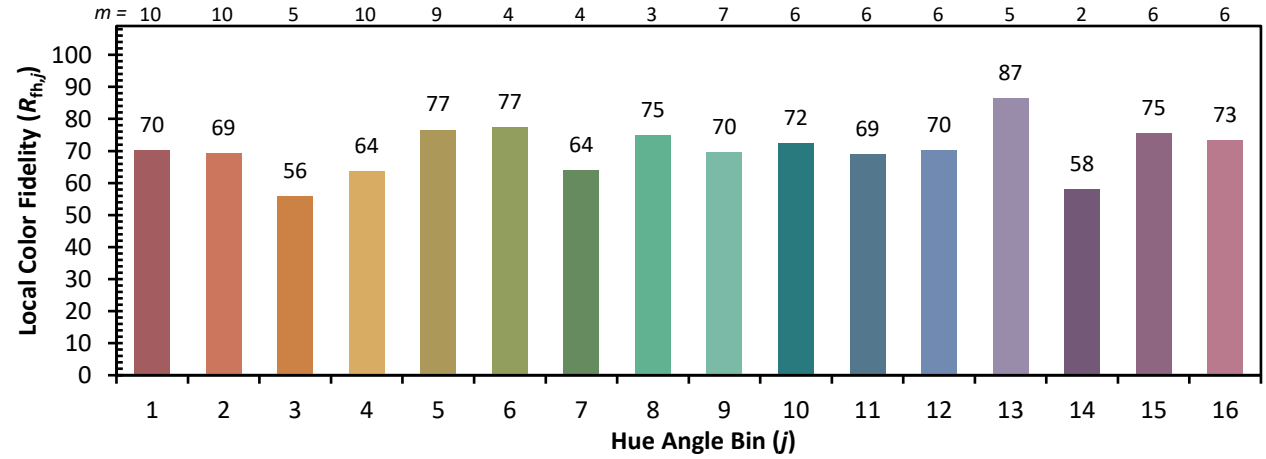
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Color Rendition by Hue-Angle Bin



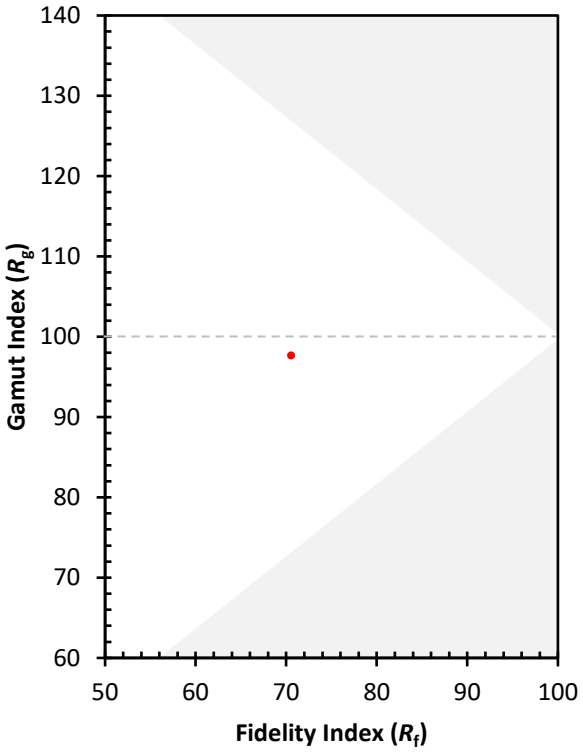


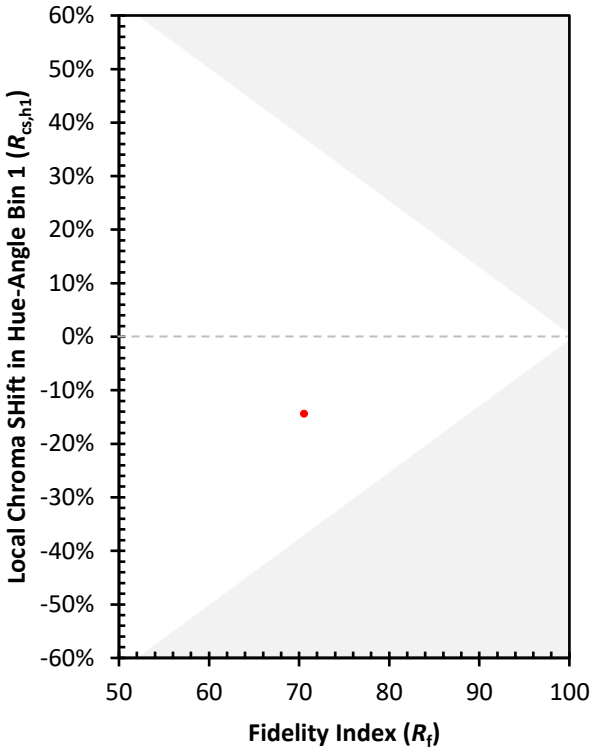


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Measure Comparisons





(END OF REPORT)