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: P1364180

Luminaire Tested: **GSS-SB4B-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:	P1364180
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-727-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19318.8 lumens
Efficiency:	N/A
Efficacy:	130.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

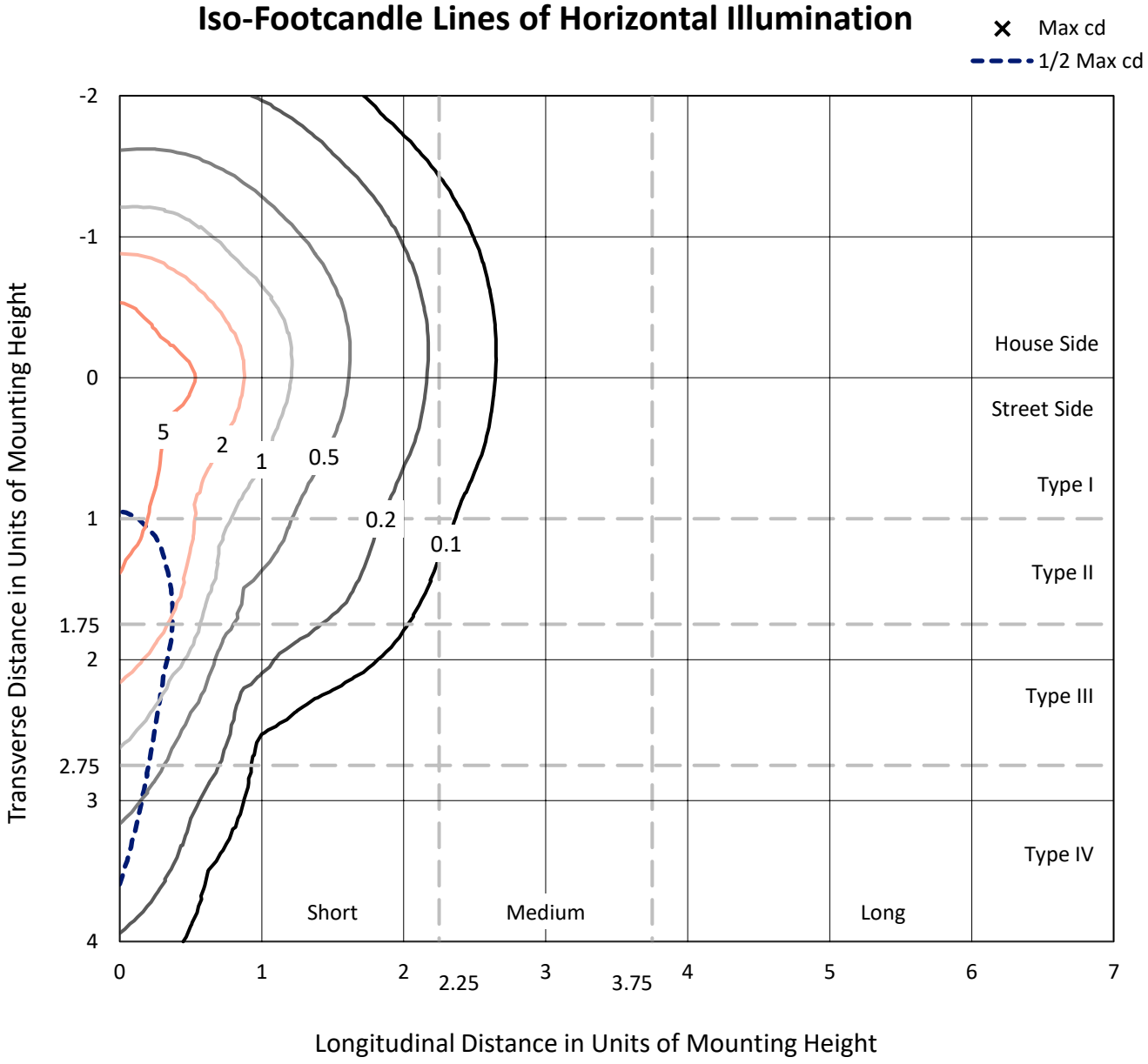
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



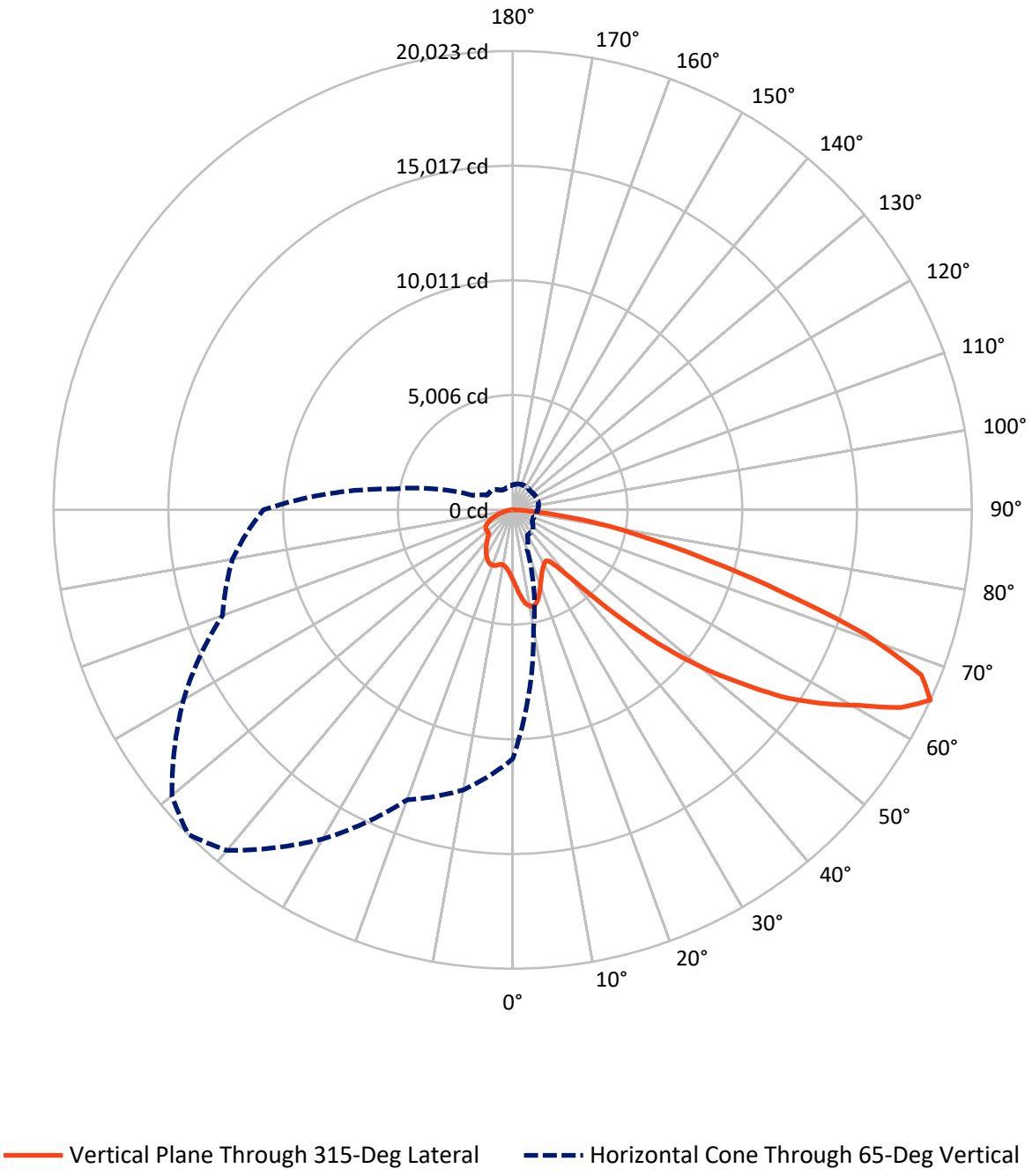
Based on 20 foot mounting height. Maximum calculated value = 9.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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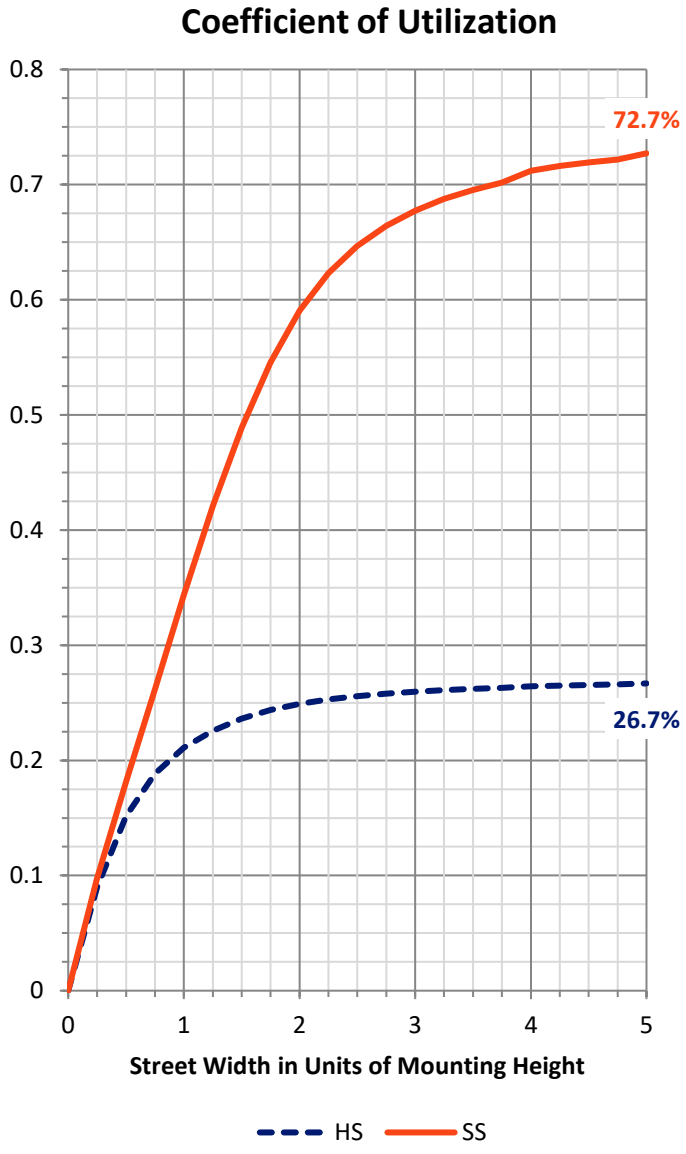
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5197.2	0.0	5197.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	14121.6	0.0	14121.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	19318.8	0.0	19318.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	304.2	1.6
10°-20°	932.1	4.8
20°-30°	1442.6	7.5
30°-40°	1789.8	9.3
40°-50°	2617.3	13.5
50°-60°	4099.6	21.2
60°-70°	4864.4	25.2
70°-80°	2837.2	14.7
80°-90°	431.6	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19318.8	100.0
0°-180°	19318.8	100.0



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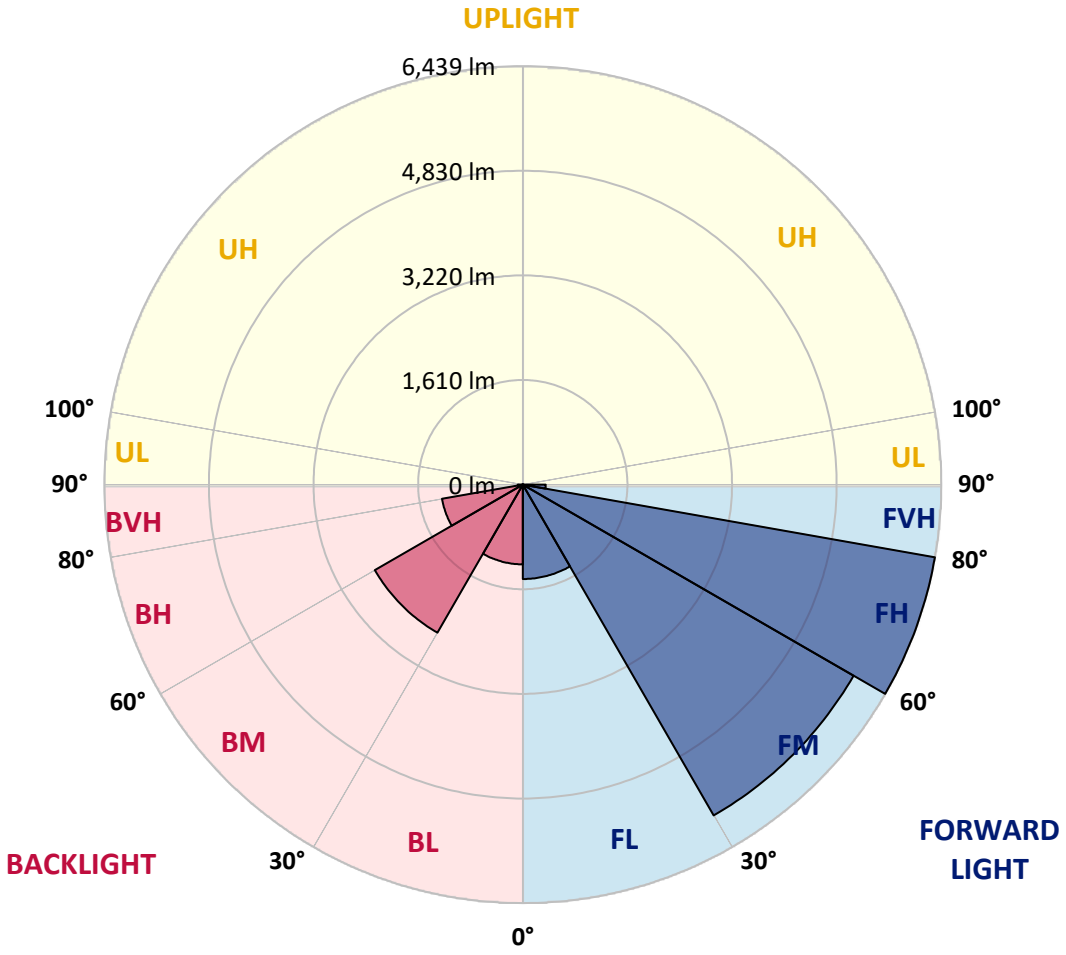
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1452.0	7.5			
FM	(30°-60°)	5877.2	30.4			
FH	(60°-80°)	6439.5	33.3			G3/7500
FVH	(80°-90°)	353.0	1.8			G3/500
BL	(0°-30°)	1226.9	6.4	B3/2500		
BM	(30°-60°)	2629.5	13.6	B3/5000		
BH	(60°-80°)	1262.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	78.6	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°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	3328.5	3298.2	3268.5	3241.1	3213.7	3186.2	3158.4	3131.9	3105.0	3078.1	3054.4
5°	3555.2	3501.8	3448.9	3393.2	3337.9	3283.6	3229.2	3177.7	3126.7	3073.3	3027.5
7.5°	3784.4	3694.6	3604.8	3520.3	3435.7	3360.1	3284.5	3217.0	3148.9	3078.1	3022.8
10°	3928.5	3821.2	3713.5	3608.6	3503.3	3410.2	3316.6	3238.7	3160.7	3085.1	3026.1
12.5°	4001.7	3894.9	3788.2	3670.5	3552.9	3448.5	3344.0	3258.1	3172.5	3089.9	3032.2
15°	4037.1	3928.9	3821.2	3701.7	3582.2	3469.7	3356.8	3260.0	3163.1	3071.0	3019.9
17.5°	4046.6	3945.5	3844.9	3717.3	3589.7	3461.2	3333.2	3220.3	3107.8	3000.1	2956.6
20°	4077.3	3975.3	3873.2	3736.2	3599.2	3448.5	3297.7	3149.4	3001.0	2858.4	2831.0
22.5°	4110.4	4016.8	3923.8	3773.0	3622.8	3438.5	3254.3	3068.1	2882.0	2711.9	2685.9
25°	4162.3	4081.6	4000.8	3836.3	3671.9	3437.6	3203.3	2971.3	2739.3	2544.2	2541.8
27.5°	4237.9	4176.0	4114.2	3928.9	3744.2	3446.6	3148.9	2872.1	2594.7	2395.4	2407.2
30°	4344.2	4295.6	4247.4	4038.6	3829.3	3465.9	3103.1	2785.6	2468.6	2274.9	2287.6
32.5°	4474.2	4443.9	4413.7	4167.5	3921.4	3487.7	3054.4	2710.0	2366.1	2187.5	2187.5
35°	4693.9	4656.1	4618.3	4304.6	3991.3	3482.5	2974.1	2624.0	2273.5	2135.5	2106.2
37.5°	4972.6	4927.7	4882.8	4471.8	4060.8	3467.8	2874.9	2528.6	2182.7	2074.1	2018.3
40°	5383.6	5295.3	5206.5	4663.1	4119.8	3434.8	2749.7	2414.7	2079.8	1993.8	1923.8
42.5°	5960.0	5772.9	5585.4	4874.8	4163.3	3377.6	2591.4	2279.1	1966.4	1906.4	1819.9
45°	6675.8	6375.8	6075.8	5162.1	4248.3	3338.4	2428.4	2141.2	1854.4	1800.1	1714.1
47.5°	7360.9	6981.0	6601.2	5457.3	4313.5	3292.6	2271.6	2004.2	1737.7	1674.9	1594.5
50°	8154.6	7639.6	7124.6	5714.8	4305.0	3214.6	2123.7	1882.3	1640.4	1554.4	1475.0
52.5°	9172.7	8354.9	7536.6	5836.7	4136.4	3054.9	1973.9	1772.7	1572.3	1462.3	1377.2
55°	10389.3	9073.5	7757.7	5804.6	3851.5	2843.2	1834.1	1681.0	1527.0	1417.4	1317.2
57.5°	11629.5	9676.9	7724.7	5629.3	3534.0	2621.7	1709.3	1603.5	1497.7	1405.6	1282.7
60°	12560.3	9947.1	7333.5	5209.3	3085.1	2341.5	1597.8	1523.7	1449.5	1377.2	1254.4
62.5°	12175.2	9347.6	6519.9	4520.9	2522.0	1986.2	1450.4	1408.9	1367.8	1337.1	1219.9
65°	*10876.0*	*8062.5*	*5249.0*	*3546.3*	*1843.5*	*1561.0*	*1278.0*	*1269.0*	*1260.5*	*1252.0*	*1155.2*
67.5°	9657.0	6924.3	4191.6	2759.6	1327.6	1193.4	1059.2	1084.3	1109.3	1122.1	1055.9
70°	8490.0	5882.6	3275.1	2114.7	954.4	907.1	859.9	897.2	934.5	930.7	898.6
72.5°	7287.6	4884.7	2481.3	1589.8	698.3	697.3	696.9	725.2	753.6	715.8	736.1
75°	5967.1	3900.1	1833.1	1178.3	523.5	520.2	517.3	550.9	584.9	600.0	613.2
77.5°	3968.6	2558.8	1149.0	761.6	374.2	377.0	378.9	415.8	452.6	496.1	498.4
80°	2329.2	1467.0	604.7	421.0	237.2	240.0	241.9	280.6	318.9	380.3	378.0
82.5°	1164.6	735.1	306.2	226.3	146.5	146.9	147.4	166.3	185.2	219.7	229.1
85°	264.6	174.8	85.0	71.8	59.1	61.9	65.2	77.5	89.8	108.7	114.3
87.5°	21.3	20.8	19.8	19.4	18.9	19.8	21.3	23.6	26.0	28.3	33.1
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°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	3028.9	3003.9	2984.0	2964.7	2947.7	2930.2	2909.9	2889.1	2874.4	2859.3	2849.4
5°	2982.1	2937.7	2900.9	2864.0	2833.8	2802.6	2775.2	2747.3	2725.6	2703.4	2685.4
7.5°	2967.5	2912.7	2865.0	2816.8	2776.2	2735.5	2701.5	2667.0	2634.4	2602.3	2581.5
10°	2968.0	2910.3	2861.2	2812.1	2769.1	2726.1	2681.2	2636.3	2600.4	2564.5	2533.3
12.5°	2984.0	2936.3	2901.8	2867.8	2828.1	2788.4	2735.1	2681.2	2632.5	2584.3	2546.1
15°	2988.8	2957.6	2954.7	2951.9	2938.2	2924.5	2874.9	2825.3	2758.2	2690.6	2635.8
17.5°	2952.4	2948.1	2994.9	3041.7	3068.6	3095.5	3061.0	3026.1	2931.6	2837.1	2755.4
20°	2857.9	2884.3	2976.0	3067.2	3139.9	3212.7	3208.9	3205.6	3082.3	2958.5	2851.3
22.5°	2725.6	2764.8	2884.3	3003.9	3108.8	3213.7	3240.6	3267.0	3146.1	3024.7	2892.4
25°	2584.8	2627.8	2738.4	2848.9	2961.8	3074.7	3124.8	3174.9	3075.2	2975.5	2847.0
27.5°	2448.3	2489.8	2572.1	2654.3	2745.0	2835.7	2891.9	2948.1	2887.2	2826.2	2722.3
30°	2319.8	2351.9	2411.4	2470.9	2532.4	2593.8	2638.7	2683.6	2643.4	2603.2	2528.6
32.5°	2201.2	2214.9	2253.6	2292.4	2338.2	2383.5	2408.6	2433.2	2402.0	2370.8	2321.7
35°	2094.9	2083.5	2109.0	2134.6	2171.4	2208.7	2227.6	2246.5	2220.5	2194.6	2150.6
37.5°	1988.1	1956.9	1969.2	1980.5	2012.2	2043.4	2070.3	2097.7	2078.8	2059.9	2022.6
40°	1878.5	1833.1	1832.2	1830.8	1861.0	1890.8	1924.8	1958.3	1955.0	1951.2	1915.8
42.5°	1762.3	1704.6	1698.5	1692.3	1722.1	1751.9	1787.8	1823.7	1830.8	1837.9	1808.6
45°	1654.5	1596.0	1586.5	1577.1	1602.6	1629.0	1668.2	1707.9	1724.5	1741.0	1714.5
47.5°	1544.0	1493.0	1487.3	1481.2	1508.1	1535.5	1579.0	1622.9	1640.4	1658.3	1640.4
50°	1433.4	1391.4	1398.5	1405.6	1435.3	1464.6	1498.6	1533.1	1565.7	1597.8	1594.5
52.5°	1346.0	1314.4	1336.6	1358.3	1385.2	1412.6	1448.1	1483.5	1517.5	1552.0	1557.2
55°	1282.2	1247.3	1278.5	1309.6	1342.2	1374.8	1407.9	1441.0	1473.1	1504.8	1511.9
57.5°	1233.6	1184.9	1216.1	1247.3	1282.7	1318.2	1351.2	1384.3	1421.6	1458.9	1464.6
60°	1193.0	1131.5	1152.3	1172.6	1209.0	1244.9	1279.4	1313.4	1351.2	1389.0	1396.6
62.5°	1139.6	1059.2	1062.1	1064.0	1105.1	1145.7	1174.1	1202.4	1238.3	1274.7	1285.6
65°	*1068.7*	*982.7*	*973.3*	*963.8*	*1002.6*	*1041.8*	*1064.0*	*1086.7*	*1117.8*	*1149.0*	*1159.9*
67.5°	979.9	903.3	884.0	864.6	900.5	936.4	954.8	973.3	994.5	1015.8	1028.1
70°	853.3	807.9	795.6	783.3	812.6	841.9	858.0	874.0	891.1	908.1	914.7
72.5°	725.7	715.8	706.8	698.3	720.5	742.7	756.4	770.1	786.2	802.2	806.0
75°	607.6	602.4	595.8	589.6	606.6	623.6	634.0	644.9	661.4	678.0	685.1
77.5°	486.2	473.4	466.8	459.2	474.8	490.4	500.3	510.3	524.0	537.7	539.5
80°	362.8	347.3	342.1	336.4	347.7	359.1	362.8	366.2	377.5	388.4	388.4
82.5°	229.1	229.1	225.8	222.1	219.7	217.3	212.6	207.9	219.2	230.6	234.3
85°	115.3	115.8	110.6	104.9	98.3	90.7	89.3	87.4	86.9	86.0	89.3
87.5°	35.9	38.7	41.6	43.5	46.3	48.2	46.8	44.9	43.0	41.6	37.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	2839.5	2834.7	2830.0	2826.2	2822.9	2820.6	2822.9	2826.2	2830.0	2834.7	2839.5
5°	2667.0	2659.5	2651.4	2646.2	2641.0	2636.3	2641.0	2646.2	2651.4	2659.5	2667.0
7.5°	2560.7	2548.4	2536.1	2527.2	2518.2	2513.5	2518.2	2527.2	2536.1	2548.4	2560.7
10°	2503.1	2485.6	2468.6	2459.1	2449.7	2442.6	2449.7	2459.1	2468.6	2485.6	2503.1
12.5°	2507.8	2486.1	2465.3	2451.1	2436.9	2428.4	2436.9	2451.1	2465.3	2486.1	2507.8
15°	2580.6	2550.3	2519.1	2501.7	2484.2	2470.9	2484.2	2501.7	2519.1	2550.3	2580.6
17.5°	2674.1	2629.7	2585.3	2569.7	2553.6	2546.5	2553.6	2569.7	2585.3	2629.7	2674.1
20°	2744.0	2684.5	2625.9	2602.3	2578.7	2570.2	2578.7	2602.3	2625.9	2684.5	2744.0
22.5°	2760.1	2690.2	2619.8	2597.6	2574.9	2565.4	2574.9	2597.6	2619.8	2690.2	2760.1
25°	2719.0	2645.3	2571.1	2548.4	2525.3	2518.2	2525.3	2548.4	2571.1	2645.3	2719.0
27.5°	2618.4	2553.2	2487.5	2463.4	2438.8	2423.7	2438.8	2463.4	2487.5	2553.2	2618.4
30°	2454.4	2405.7	2357.6	2342.4	2326.8	2319.8	2326.8	2342.4	2357.6	2405.7	2454.4
32.5°	2272.5	2242.3	2212.0	2202.1	2192.2	2187.5	2192.2	2202.1	2212.0	2242.3	2272.5
35°	2107.2	2085.4	2063.7	2055.7	2048.1	2041.0	2048.1	2055.7	2063.7	2085.4	2107.2
37.5°	1985.3	1959.8	1933.3	1919.1	1904.9	1894.6	1904.9	1919.1	1933.3	1959.8	1985.3
40°	1880.4	1843.5	1807.1	1787.8	1767.9	1757.5	1767.9	1787.8	1807.1	1843.5	1880.4
42.5°	1778.8	1736.3	1693.8	1664.0	1634.7	1615.8	1634.7	1664.0	1693.8	1736.3	1778.8
45°	1687.6	1639.9	1592.2	1556.7	1521.3	1497.7	1521.3	1556.7	1592.2	1639.9	1687.6
47.5°	1622.9	1581.8	1540.2	1509.0	1477.8	1455.2	1477.8	1509.0	1540.2	1581.8	1622.9
50°	1591.2	1558.6	1526.0	1496.7	1467.0	1445.7	1467.0	1496.7	1526.0	1558.6	1591.2
52.5°	1562.9	1539.3	1515.6	1490.1	1464.6	1445.7	1464.6	1490.1	1515.6	1539.3	1562.9
55°	1518.9	1501.9	1484.5	1465.6	1446.7	1431.5	1446.7	1465.6	1484.5	1501.9	1518.9
57.5°	1470.3	1452.3	1433.9	1419.7	1405.6	1398.5	1405.6	1419.7	1433.9	1452.3	1470.3
60°	1404.1	1390.0	1375.8	1362.6	1348.9	1337.1	1348.9	1362.6	1375.8	1390.0	1404.1
62.5°	1296.9	1290.3	1284.1	1269.0	1254.4	1237.8	1254.4	1269.0	1284.1	1290.3	1296.9
65°	*1170.7*	*1167.4*	*1164.6*	*1153.7*	*1143.3*	*1124.4*	*1143.3*	*1153.7*	*1164.6*	*1167.4*	*1170.7*
67.5°	1040.3	1034.2	1027.6	1016.3	1005.4	1001.6	1005.4	1016.3	1027.6	1034.2	1040.3
70°	921.3	911.8	902.4	876.9	851.4	822.1	851.4	876.9	902.4	911.8	921.3
72.5°	810.3	795.6	780.5	750.7	720.5	689.8	720.5	750.7	780.5	795.6	810.3
75°	692.1	671.4	651.0	619.4	588.2	566.9	588.2	619.4	651.0	671.4	692.1
77.5°	542.4	524.4	506.5	487.6	468.7	458.3	468.7	487.6	506.5	524.4	542.4
80°	388.4	375.1	361.4	352.0	342.5	335.4	342.5	352.0	361.4	375.1	388.4
82.5°	238.6	232.4	226.8	216.4	205.5	198.4	205.5	216.4	226.8	232.4	238.6
85°	92.1	90.7	89.8	86.0	82.7	80.3	82.7	86.0	89.8	90.7	92.1
87.5°	34.0	31.2	28.3	26.5	24.6	23.6	24.6	26.5	28.3	31.2	34.0
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: P1364180
CATALOG NUMBER: GSS-SB4B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	2849.4	2859.3	2874.4	2889.1	2909.9	2930.2	2947.7	2964.7	2984.0	3003.9	3028.9
5°	2685.4	2703.4	2725.6	2747.3	2775.2	2802.6	2833.8	2864.0	2900.9	2937.7	2982.1
7.5°	2581.5	2602.3	2634.4	2667.0	2701.5	2735.5	2776.2	2816.8	2865.0	2912.7	2967.5
10°	2533.3	2564.5	2600.4	2636.3	2681.2	2726.1	2769.1	2812.1	2861.2	2910.3	2968.0
12.5°	2546.1	2584.3	2632.5	2681.2	2735.1	2788.4	2828.1	2867.8	2901.8	2936.3	2984.0
15°	2635.8	2690.6	2758.2	2825.3	2874.9	2924.5	2938.2	2951.9	2954.7	2957.6	2988.8
17.5°	2755.4	2837.1	2931.6	3026.1	3061.0	3095.5	3068.6	3041.7	2994.9	2948.1	2952.4
20°	2851.3	2958.5	3082.3	3205.6	3208.9	3212.7	3139.9	3067.2	2976.0	2884.3	2857.9
22.5°	2892.4	3024.7	3146.1	3267.0	3240.6	3213.7	3108.8	3003.9	2884.3	2764.8	2725.6
25°	2847.0	2975.5	3075.2	3174.9	3124.8	3074.7	2961.8	2848.9	2738.4	2627.8	2584.8
27.5°	2722.3	2826.2	2887.2	2948.1	2891.9	2835.7	2745.0	2654.3	2572.1	2489.8	2448.3
30°	2528.6	2603.2	2643.4	2683.6	2638.7	2593.8	2532.4	2470.9	2411.4	2351.9	2319.8
32.5°	2321.7	2370.8	2402.0	2433.2	2408.6	2383.5	2338.2	2292.4	2253.6	2214.9	2201.2
35°	2150.6	2194.6	2220.5	2246.5	2227.6	2208.7	2171.4	2134.6	2109.0	2083.5	2094.9
37.5°	2022.6	2059.9	2078.8	2097.7	2070.3	2043.4	2012.2	1980.5	1969.2	1956.9	1988.1
40°	1915.8	1951.2	1955.0	1958.3	1924.8	1890.8	1861.0	1830.8	1832.2	1833.1	1878.5
42.5°	1808.6	1837.9	1830.8	1823.7	1787.8	1751.9	1722.1	1692.3	1698.5	1704.6	1762.3
45°	1714.5	1741.0	1724.5	1707.9	1668.2	1629.0	1602.6	1577.1	1586.5	1596.0	1654.5
47.5°	1640.4	1658.3	1640.4	1622.9	1579.0	1535.5	1508.1	1481.2	1487.3	1493.0	1544.0
50°	1594.5	1597.8	1565.7	1533.1	1498.6	1464.6	1435.3	1405.6	1398.5	1391.4	1433.4
52.5°	1557.2	1552.0	1517.5	1483.5	1448.1	1412.6	1385.2	1358.3	1336.6	1314.4	1346.0
55°	1511.9	1504.8	1473.1	1441.0	1407.9	1374.8	1342.2	1309.6	1278.5	1247.3	1282.2
57.5°	1464.6	1458.9	1421.6	1384.3	1351.2	1318.2	1282.7	1247.3	1216.1	1184.9	1233.6
60°	1396.6	1389.0	1351.2	1313.4	1279.4	1244.9	1209.0	1172.6	1152.3	1131.5	1193.0
62.5°	1285.6	1274.7	1238.3	1202.4	1174.1	1145.7	1105.1	1064.0	1062.1	1059.2	1139.6
65°	*1159.9*	*1149.0*	*1117.8*	*1086.7*	*1064.0*	*1041.8*	*1002.6*	*963.8*	*973.3*	*982.7*	*1068.7*
67.5°	1028.1	1015.8	994.5	973.3	954.8	936.4	900.5	864.6	884.0	903.3	979.9
70°	914.7	908.1	891.1	874.0	858.0	841.9	812.6	783.3	795.6	807.9	853.3
72.5°	806.0	802.2	786.2	770.1	756.4	742.7	720.5	698.3	706.8	715.8	725.7
75°	685.1	678.0	661.4	644.9	634.0	623.6	606.6	589.6	595.8	602.4	607.6
77.5°	539.5	537.7	524.0	510.3	500.3	490.4	474.8	459.2	466.8	473.4	486.2
80°	388.4	388.4	377.5	366.2	362.8	359.1	347.7	336.4	342.1	347.3	362.8
82.5°	234.3	230.6	219.2	207.9	212.6	217.3	219.7	222.1	225.8	229.1	229.1
85°	89.3	86.0	86.9	87.4	89.3	90.7	98.3	104.9	110.6	115.8	115.3
87.5°	37.8	41.6	43.0	44.9	46.8	48.2	46.3	43.5	41.6	38.7	35.9
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

Scaled Data Report

REPORT NUMBER: P1364180
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	3054.4	3078.1	3105.0	3131.9	3158.4	3186.2	3213.7	3241.1	3268.5	3298.2	3328.5
5°	3027.5	3073.3	3126.7	3177.7	3229.2	3283.6	3337.9	3393.2	3448.9	3501.8	3555.2
7.5°	3022.8	3078.1	3148.9	3217.0	3284.5	3360.1	3435.7	3520.3	3604.8	3694.6	3784.4
10°	3026.1	3085.1	3160.7	3238.7	3316.6	3410.2	3503.3	3608.6	3713.5	3821.2	3928.5
12.5°	3032.2	3089.9	3172.5	3258.1	3344.0	3448.5	3552.9	3670.5	3788.2	3894.9	4001.7
15°	3019.9	3071.0	3163.1	3260.0	3356.8	3469.7	3582.2	3701.7	3821.2	3928.9	4037.1
17.5°	2956.6	3000.1	3107.8	3220.3	3333.2	3461.2	3589.7	3717.3	3844.9	3945.5	4046.6
20°	2831.0	2858.4	3001.0	3149.4	3297.7	3448.5	3599.2	3736.2	3873.2	3975.3	4077.3
22.5°	2685.9	2711.9	2882.0	3068.1	3254.3	3438.5	3622.8	3773.0	3923.8	4016.8	4110.4
25°	2541.8	2544.2	2739.3	2971.3	3203.3	3437.6	3671.9	3836.3	4000.8	4081.6	4162.3
27.5°	2407.2	2395.4	2594.7	2872.1	3148.9	3446.6	3744.2	3928.9	4114.2	4176.0	4237.9
30°	2287.6	2274.9	2468.6	2785.6	3103.1	3465.9	3829.3	4038.6	4247.4	4295.6	4344.2
32.5°	2187.5	2187.5	2366.1	2710.0	3054.4	3487.7	3921.4	4167.5	4413.7	4443.9	4474.2
35°	2106.2	2135.5	2273.5	2624.0	2974.1	3482.5	3991.3	4304.6	4618.3	4656.1	4693.9
37.5°	2018.3	2074.1	2182.7	2528.6	2874.9	3467.8	4060.8	4471.8	4882.8	4927.7	4972.6
40°	1923.8	1993.8	2079.8	2414.7	2749.7	3434.8	4119.8	4663.1	5206.5	5295.3	5383.6
42.5°	1819.9	1906.4	1966.4	2279.1	2591.4	3377.6	4163.3	4874.8	5585.4	5772.9	5960.0
45°	1714.1	1800.1	1854.4	2141.2	2428.4	3338.4	4248.3	5162.1	6075.8	6375.8	6675.8
47.5°	1594.5	1674.9	1737.7	2004.2	2271.6	3292.6	4313.5	5457.3	6601.2	6981.0	7360.9
50°	1475.0	1554.4	1640.4	1882.3	2123.7	3214.6	4305.0	5714.8	7124.6	7639.6	8154.6
52.5°	1377.2	1462.3	1572.3	1772.7	1973.9	3054.9	4136.4	5836.7	7536.6	8354.9	9172.7
55°	1317.2	1417.4	1527.0	1681.0	1834.1	2843.2	3851.5	5804.6	7757.7	9073.5	10389.3
57.5°	1282.7	1405.6	1497.7	1603.5	1709.3	2621.7	3534.0	5629.3	7724.7	9676.9	11629.5
60°	1254.4	1377.2	1449.5	1523.7	1597.8	2341.5	3085.1	5209.3	7333.5	9947.1	12560.3
62.5°	1219.9	1337.1	1367.8	1408.9	1450.4	1986.2	2522.0	4520.9	6519.9	9347.6	12175.2
65°	*1155.2*	*1252.0*	*1260.5*	*1269.0*	*1278.0*	*1561.0*	*1843.5*	*3546.3*	*5249.0*	*8062.5*	*10876.0*
67.5°	1055.9	1122.1	1109.3	1084.3	1059.2	1193.4	1327.6	2759.6	4191.6	6924.3	9657.0
70°	898.6	930.7	934.5	897.2	859.9	907.1	954.4	2114.7	3275.1	5882.6	8490.0
72.5°	736.1	715.8	753.6	725.2	696.9	697.3	698.3	1589.8	2481.3	4884.7	7287.6
75°	613.2	600.0	584.9	550.9	517.3	520.2	523.5	1178.3	1833.1	3900.1	5967.1
77.5°	498.4	496.1	452.6	415.8	378.9	377.0	374.2	761.6	1149.0	2558.8	3968.6
80°	378.0	380.3	318.9	280.6	241.9	240.0	237.2	421.0	604.7	1467.0	2329.2
82.5°	229.1	219.7	185.2	166.3	147.4	146.9	146.5	226.3	306.2	735.1	1164.6
85°	114.3	108.7	89.8	77.5	65.2	61.9	59.1	71.8	85.0	174.8	264.6
87.5°	33.1	28.3	26.0	23.6	21.3	19.8	18.9	19.4	19.8	20.8	21.3
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
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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°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	*3080.4*	3080.4	3080.4
2.5°	3340.3	3352.1	3364.8	3378.1	3385.6	3393.2	3401.2	3408.8	*3415.9*	3408.8	3401.2
5°	3608.6	3661.5	3697.4	3733.4	3760.8	3788.2	3803.7	3819.8	*3822.2*	3819.8	3803.7
7.5°	3847.7	3911.0	3965.8	4020.6	4055.6	4090.5	4110.8	4131.6	*4138.7*	4131.6	4110.8
10°	4002.7	4077.3	4130.2	4183.6	4216.2	4248.3	4264.4	4280.5	*4285.2*	4280.5	4264.4
12.5°	4073.0	4144.4	4185.5	4226.1	4246.9	4267.2	4274.8	4281.4	*4275.7*	4281.4	4274.8
15°	4079.2	4120.8	4138.2	4155.3	4145.3	4134.9	4120.3	4105.6	*4096.2*	4105.6	4120.3
17.5°	4061.2	4076.4	4044.7	4013.5	3956.8	3900.1	3857.6	3815.1	*3784.4*	3815.1	3857.6
20°	4053.7	4030.1	3946.0	3862.3	3756.0	3649.7	3578.4	3506.6	*3463.1*	3506.6	3578.4
22.5°	4043.8	3977.1	3835.9	3694.6	3549.1	3404.1	3321.8	3240.1	*3193.8*	3240.1	3321.8
25°	4048.0	3933.2	3742.3	3551.9	3380.9	3210.3	3121.0	3032.2	*2981.2*	3032.2	3121.0
27.5°	4063.1	3888.3	3652.1	3415.9	3230.7	3045.0	2959.9	2874.9	*2830.0*	2874.9	2959.9
30°	4112.3	3879.8	3597.3	3314.3	3120.6	2926.9	2843.7	2760.1	*2711.9*	2760.1	2843.7
32.5°	4181.2	3888.3	3571.8	3255.2	3057.7	2860.7	2780.9	2701.5	*2659.9*	2701.5	2780.9
35°	4323.0	3952.1	3601.1	3250.5	3067.2	2884.3	2825.8	2767.7	*2745.0*	2767.7	2825.8
37.5°	4539.4	4105.6	3744.2	3382.8	3258.1	3133.3	3133.3	3133.3	*3151.3*	3133.3	3133.3
40°	4897.0	4410.4	4068.3	3726.7	3719.2	3712.6	3791.9	3871.8	*3907.2*	3871.8	3791.9
42.5°	5445.5	4931.5	4655.6	4379.7	4545.0	4710.4	4940.0	5169.6	*5319.9*	5169.6	4940.0
45°	6175.0	5674.2	5481.4	5289.2	5657.2	6024.8	6430.6	6836.4	*7124.6*	6836.4	6430.6
47.5°	6939.4	6517.5	6407.5	6297.8	6909.7	7521.5	8116.3	8711.2	*9061.7*	8711.2	8116.3
50°	7775.7	7396.3	7375.0	7353.8	8168.8	8983.8	9751.5	10519.2	*10946.8*	10519.2	9751.5
52.5°	8756.5	8339.8	8356.8	8372.9	9340.9	10309.0	11237.4	12165.8	*12647.7*	12165.8	11237.4
55°	9867.3	9345.2	9342.4	9339.5	10451.7	11564.8	12705.3	13846.8	*14490.2*	13846.8	12705.3
57.5°	11140.5	10651.5	10535.3	10418.6	11581.8	12744.5	14004.1	15264.1	*15940.7*	15264.1	14004.1
60°	12291.0	12021.7	11835.5	11649.8	12844.2	14039.1	15340.2	16640.9	*17315.5*	16640.9	15340.2
62.5°	12656.6	13138.1	13124.4	13110.7	14400.0	15689.3	17042.5	18396.5	*19002.2*	18396.5	17042.5
65°	*11643.7*	*12411.4*	*12939.6*	*13467.4*	*15026.0*	*16584.2*	*17994.0*	*19403.8*	*20022.7*	*19403.8*	*17994.0*
67.5°	10333.6	11010.6	11442.9	11875.2	13631.3	15387.9	16987.7	18587.4	*19224.3*	18587.4	16987.7
70°	9239.4	9988.7	10297.7	10606.7	12098.7	13590.2	14855.9	16121.2	*16370.6*	16121.2	14855.9
72.5°	8178.7	9070.2	9201.1	9332.0	10417.7	11503.4	12177.6	12851.8	*12307.5*	12851.8	12177.6
75°	6972.5	7977.4	8064.8	8152.2	8490.5	8829.3	9000.8	9172.7	*8863.3*	9172.7	9000.8
77.5°	4838.9	5709.6	5905.7	6101.8	6327.1	6553.0	6541.2	6529.4	*6094.7*	6529.4	6541.2
80°	3010.0	3690.8	3716.3	3741.9	3911.0	4079.7	4252.1	4424.6	*4148.2*	4424.6	4252.1
82.5°	1538.3	1912.5	1970.1	2027.8	2131.3	2234.7	2282.9	2331.6	*2097.7*	2331.6	2282.9
85°	361.9	459.2	553.2	647.3	755.9	864.6	852.3	840.0	*708.7*	840.0	852.3
87.5°	21.7	22.7	23.2	23.6	24.1	24.6	26.0	27.4	*28.3*	27.4	26.0
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: P1364180
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4	3080.4
2.5°	3393.2	3385.6	3378.1	3364.8	3352.1	3340.3	3328.5
5°	3788.2	3760.8	3733.4	3697.4	3661.5	3608.6	3555.2
7.5°	4090.5	4055.6	4020.6	3965.8	3911.0	3847.7	3784.4
10°	4248.3	4216.2	4183.6	4130.2	4077.3	4002.7	3928.5
12.5°	4267.2	4246.9	4226.1	4185.5	4144.4	4073.0	4001.7
15°	4134.9	4145.3	4155.3	4138.2	4120.8	4079.2	4037.1
17.5°	3900.1	3956.8	4013.5	4044.7	4076.4	4061.2	4046.6
20°	3649.7	3756.0	3862.3	3946.0	4030.1	4053.7	4077.3
22.5°	3404.1	3549.1	3694.6	3835.9	3977.1	4043.8	4110.4
25°	3210.3	3380.9	3551.9	3742.3	3933.2	4048.0	4162.3
27.5°	3045.0	3230.7	3415.9	3652.1	3888.3	4063.1	4237.9
30°	2926.9	3120.6	3314.3	3597.3	3879.8	4112.3	4344.2
32.5°	2860.7	3057.7	3255.2	3571.8	3888.3	4181.2	4474.2
35°	2884.3	3067.2	3250.5	3601.1	3952.1	4323.0	4693.9
37.5°	3133.3	3258.1	3382.8	3744.2	4105.6	4539.4	4972.6
40°	3712.6	3719.2	3726.7	4068.3	4410.4	4897.0	5383.6
42.5°	4710.4	4545.0	4379.7	4655.6	4931.5	5445.5	5960.0
45°	6024.8	5657.2	5289.2	5481.4	5674.2	6175.0	6675.8
47.5°	7521.5	6909.7	6297.8	6407.5	6517.5	6939.4	7360.9
50°	8983.8	8168.8	7353.8	7375.0	7396.3	7775.7	8154.6
52.5°	10309.0	9340.9	8372.9	8356.8	8339.8	8756.5	9172.7
55°	11564.8	10451.7	9339.5	9342.4	9345.2	9867.3	10389.3
57.5°	12744.5	11581.8	10418.6	10535.3	10651.5	11140.5	11629.5
60°	14039.1	12844.2	11649.8	11835.5	12021.7	12291.0	12560.3
62.5°	15689.3	14400.0	13110.7	13124.4	13138.1	12656.6	12175.2
65°	*16584.2*	*15026.0*	*13467.4*	*12939.6*	*12411.4*	*11643.7*	*10876.0*
67.5°	15387.9	13631.3	11875.2	11442.9	11010.6	10333.6	9657.0
70°	13590.2	12098.7	10606.7	10297.7	9988.7	9239.4	8490.0
72.5°	11503.4	10417.7	9332.0	9201.1	9070.2	8178.7	7287.6
75°	8829.3	8490.5	8152.2	8064.8	7977.4	6972.5	5967.1
77.5°	6553.0	6327.1	6101.8	5905.7	5709.6	4838.9	3968.6
80°	4079.7	3911.0	3741.9	3716.3	3690.8	3010.0	2329.2
82.5°	2234.7	2131.3	2027.8	1970.1	1912.5	1538.3	1164.6
85°	864.6	755.9	647.3	553.2	459.2	361.9	264.6
87.5°	24.6	24.1	23.6	23.2	22.7	21.7	21.3
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

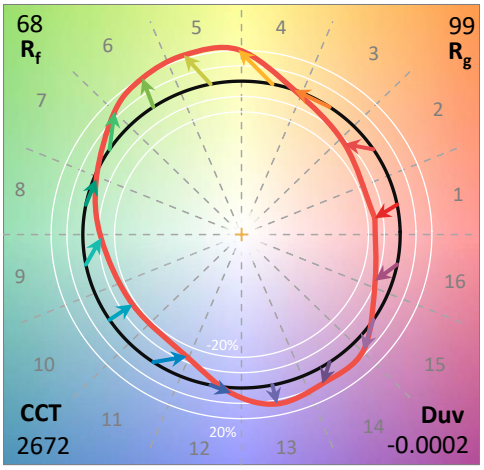
Test Information

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



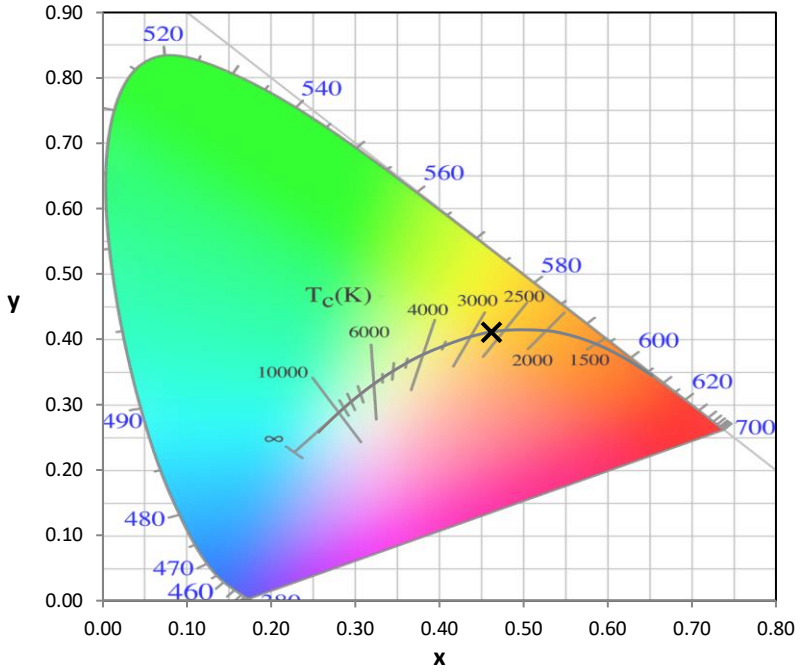
Test Conditions

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

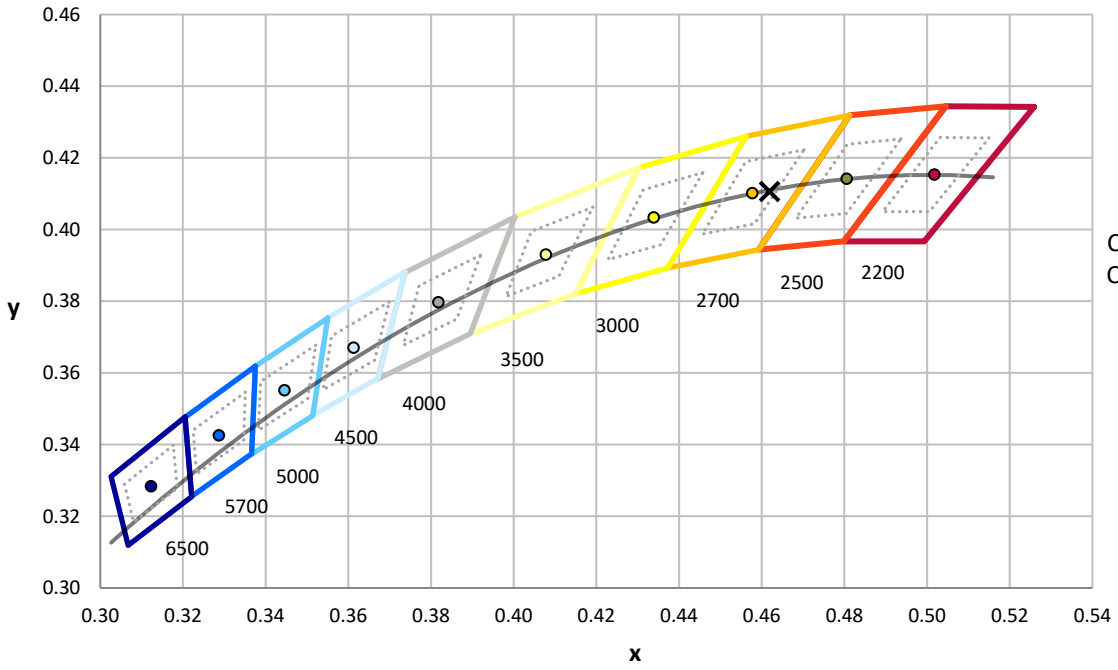
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

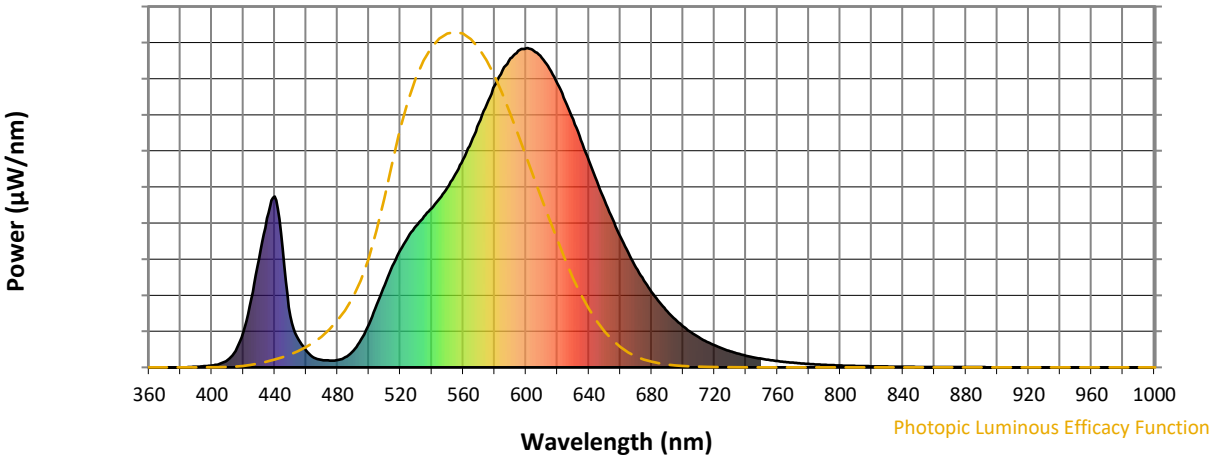


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

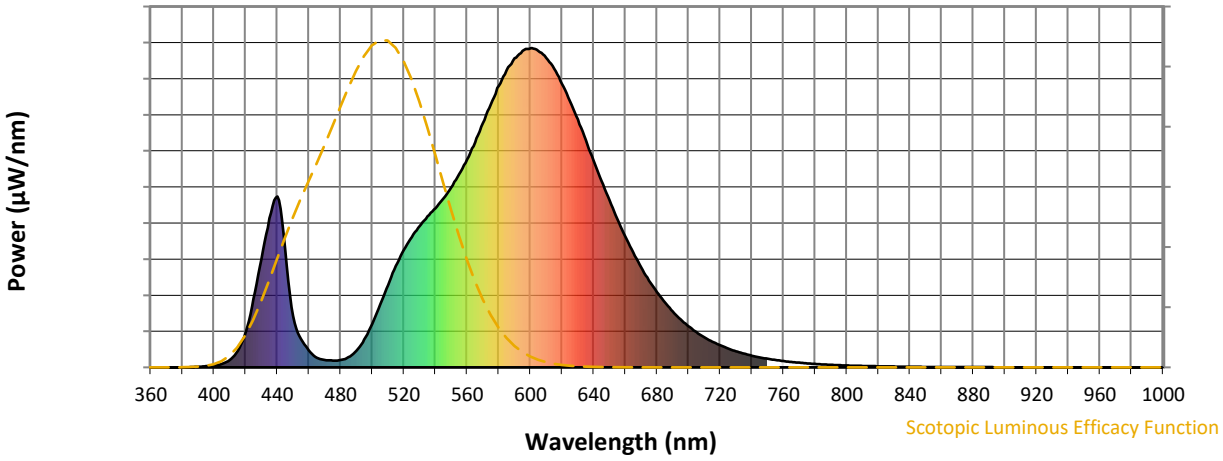


Photopic Lumens: NR

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

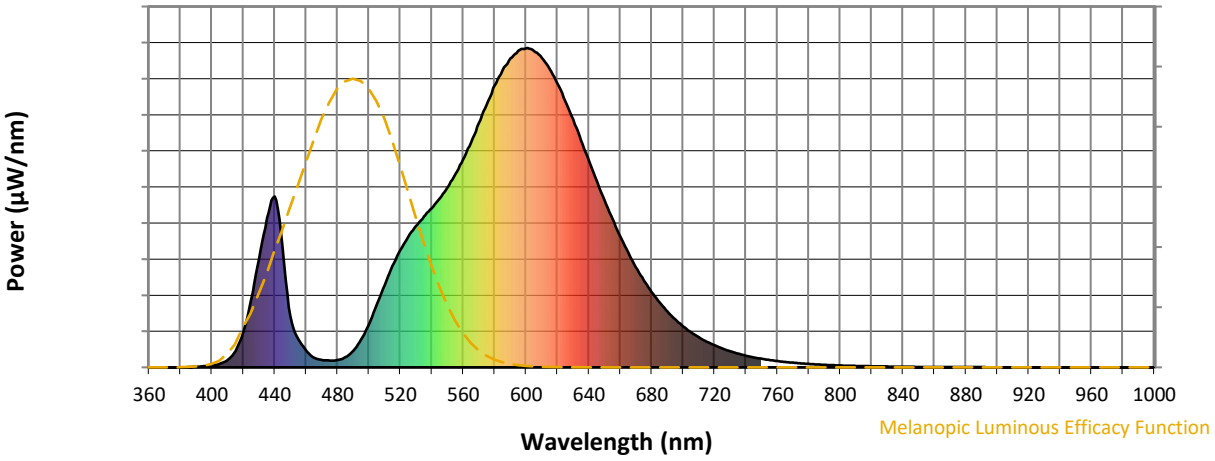


Scotopic Lumens: NR **S/P: 1.02**

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			

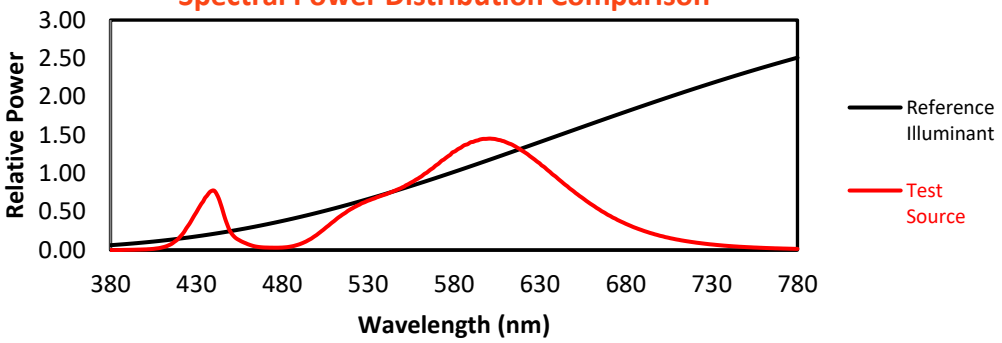
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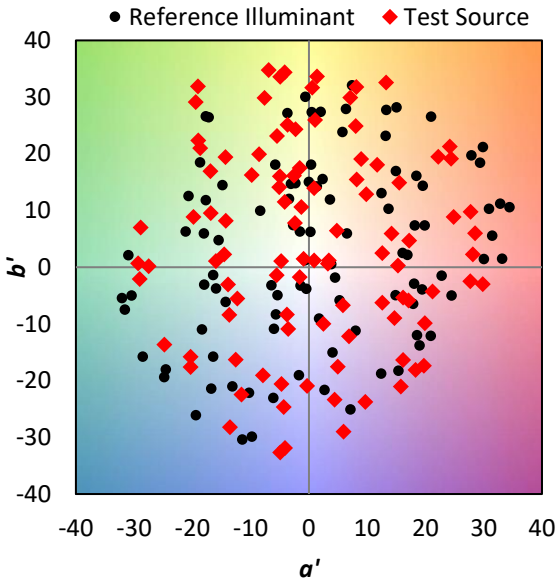
Summary

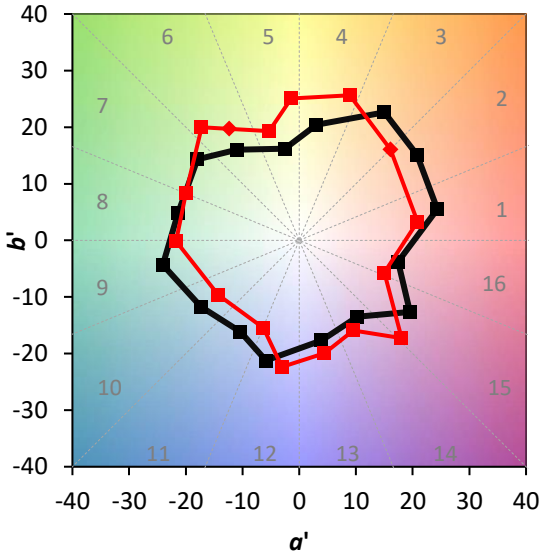
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

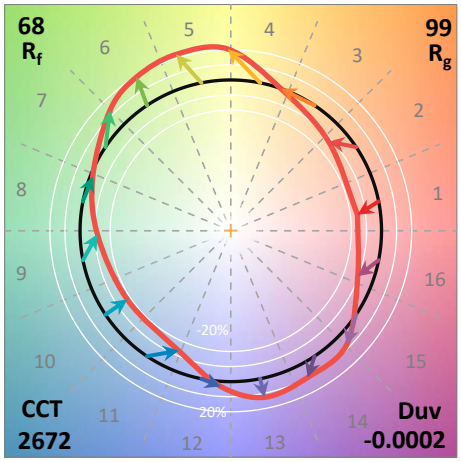
Spectral Power Distribution Comparison

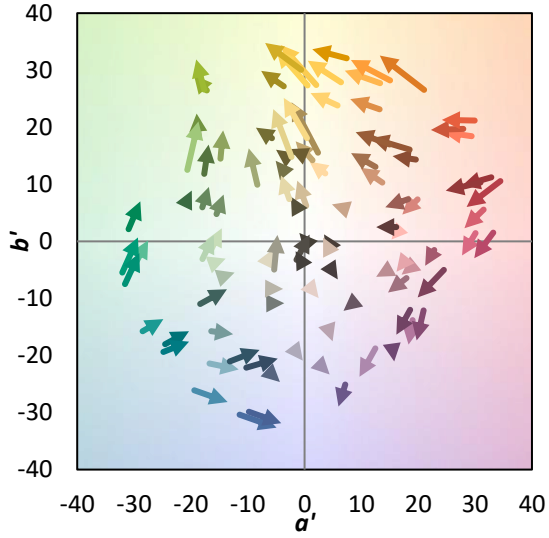


Color Vector Graphics







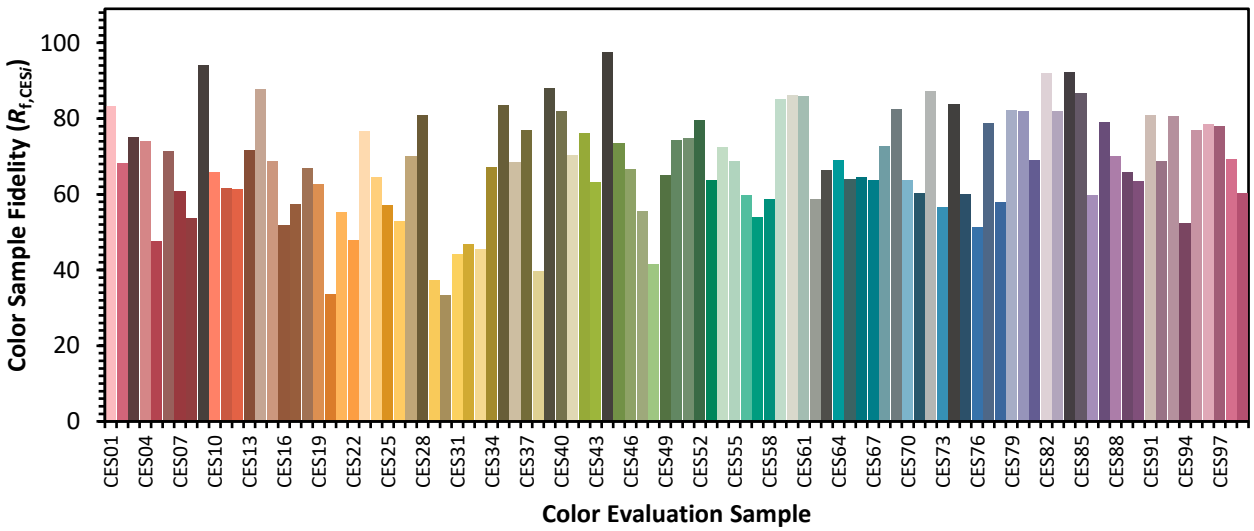


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Individual Sample Fidelity Index ($R_{f,i}$)

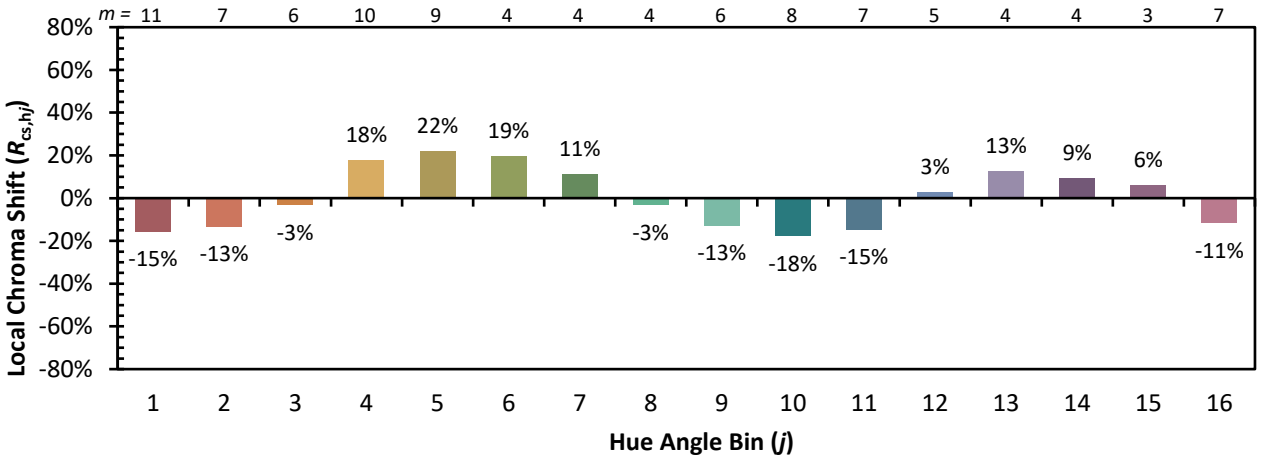
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

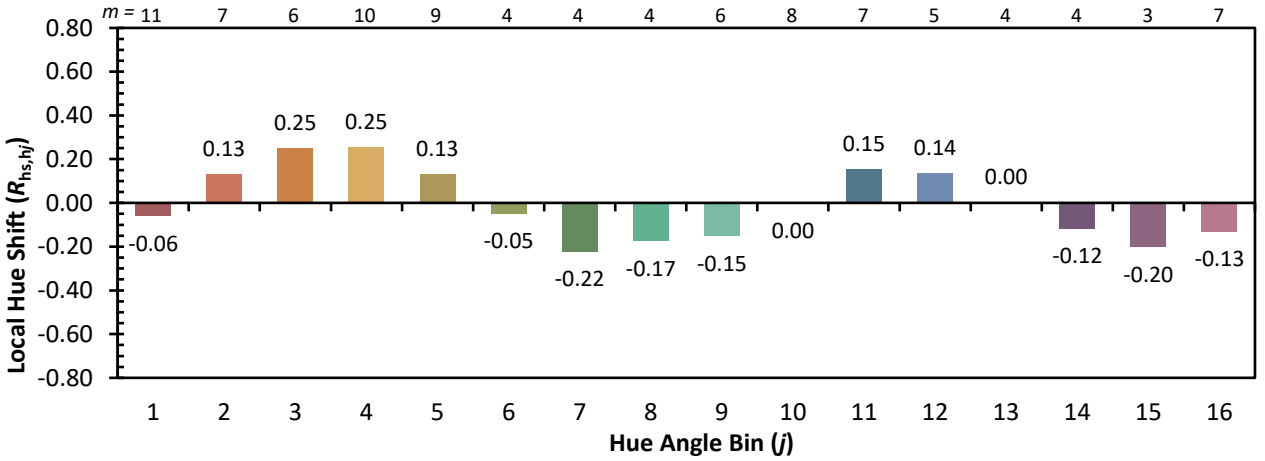


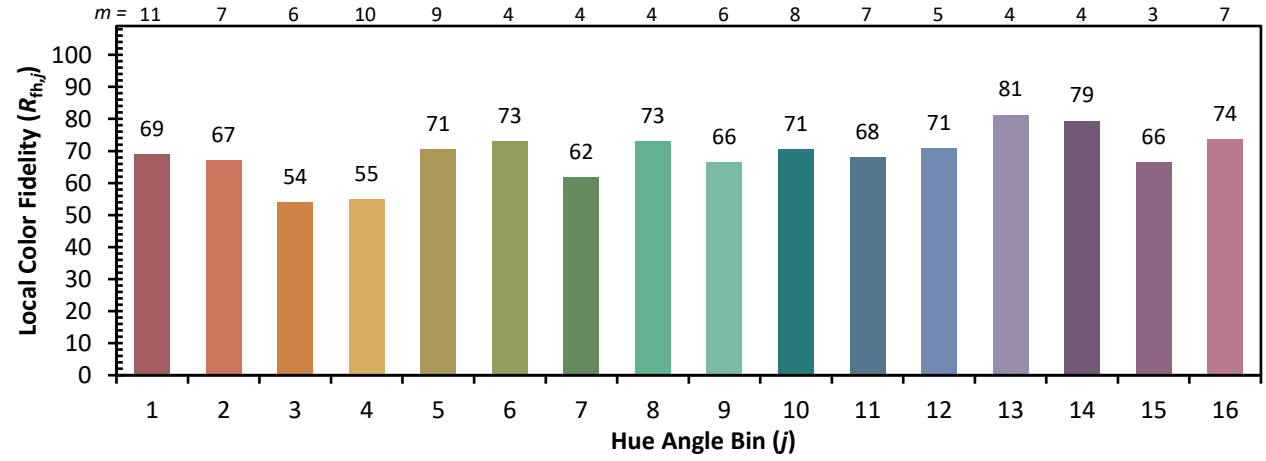
REPORT NUMBER: SP1-2407-184-3

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Color Rendition by Hue-Angle Bin



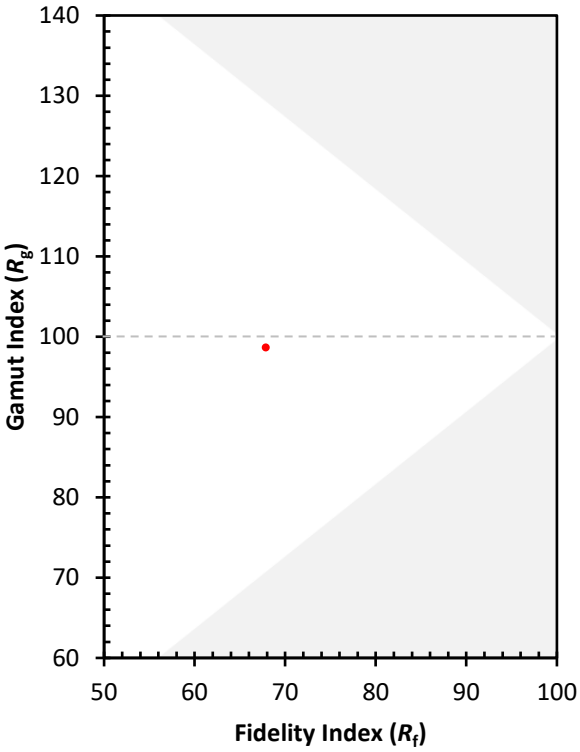


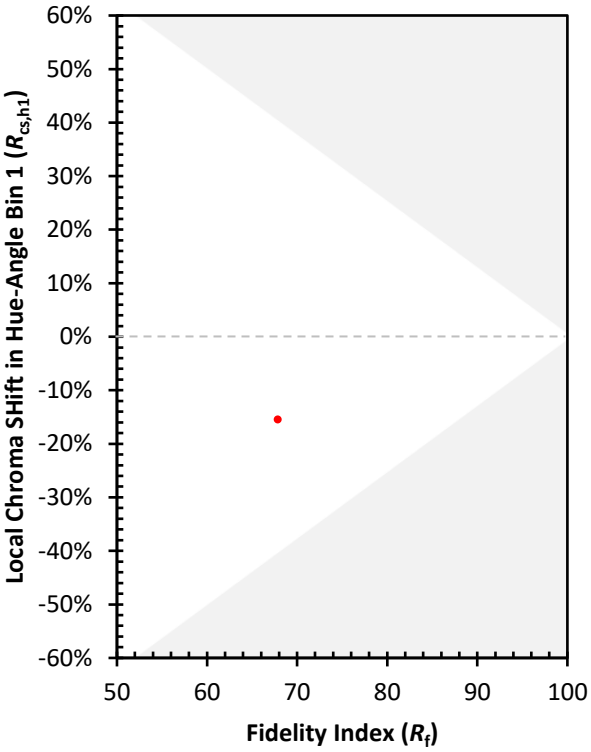


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Measure Comparisons





(END OF REPORT)