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: P1364198

Luminaire Tested: **GSS-SB2D-730-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:	P1364198
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(52) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18016.8 lumens
Efficiency:	N/A
Efficacy:	122.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

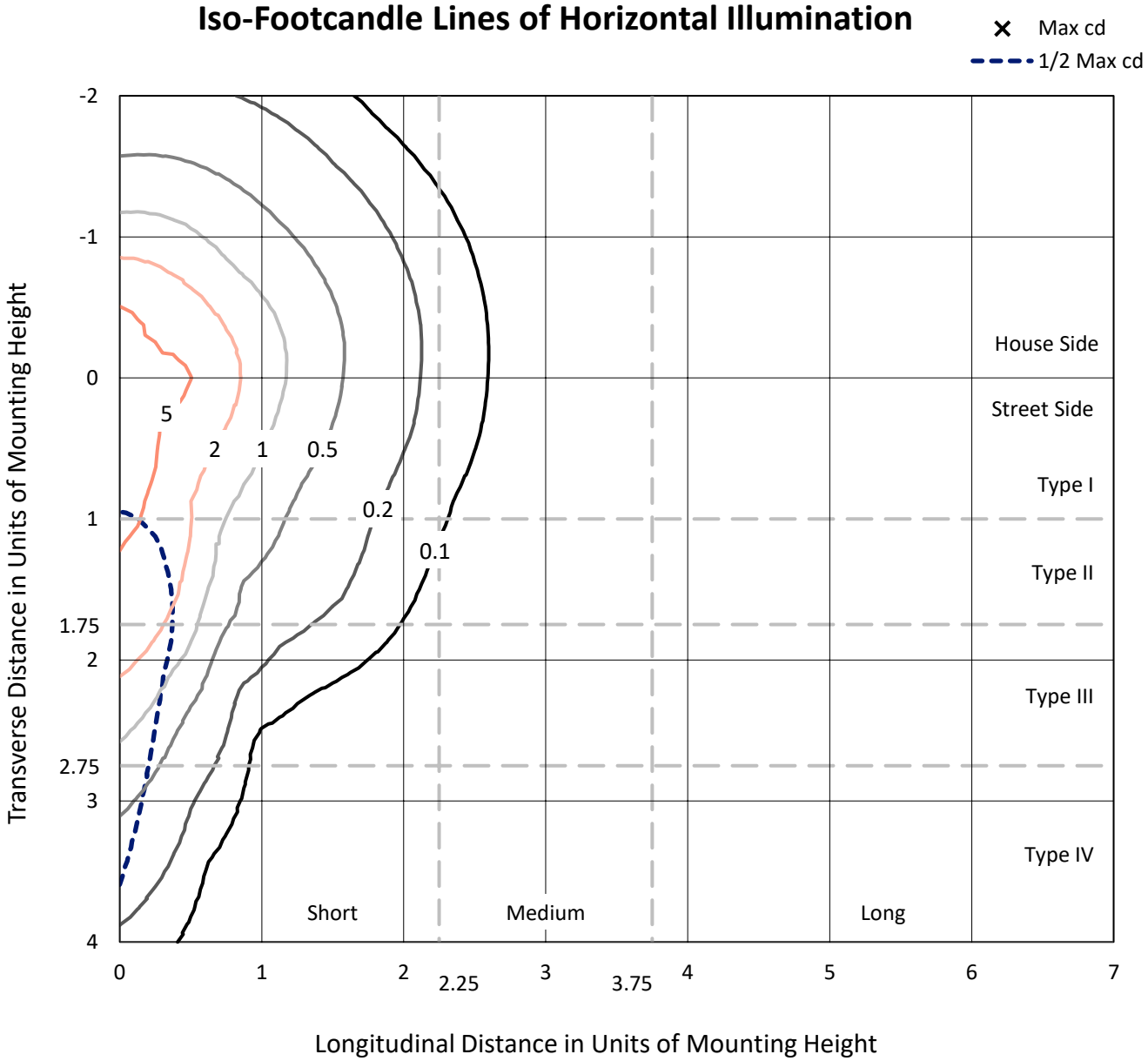
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



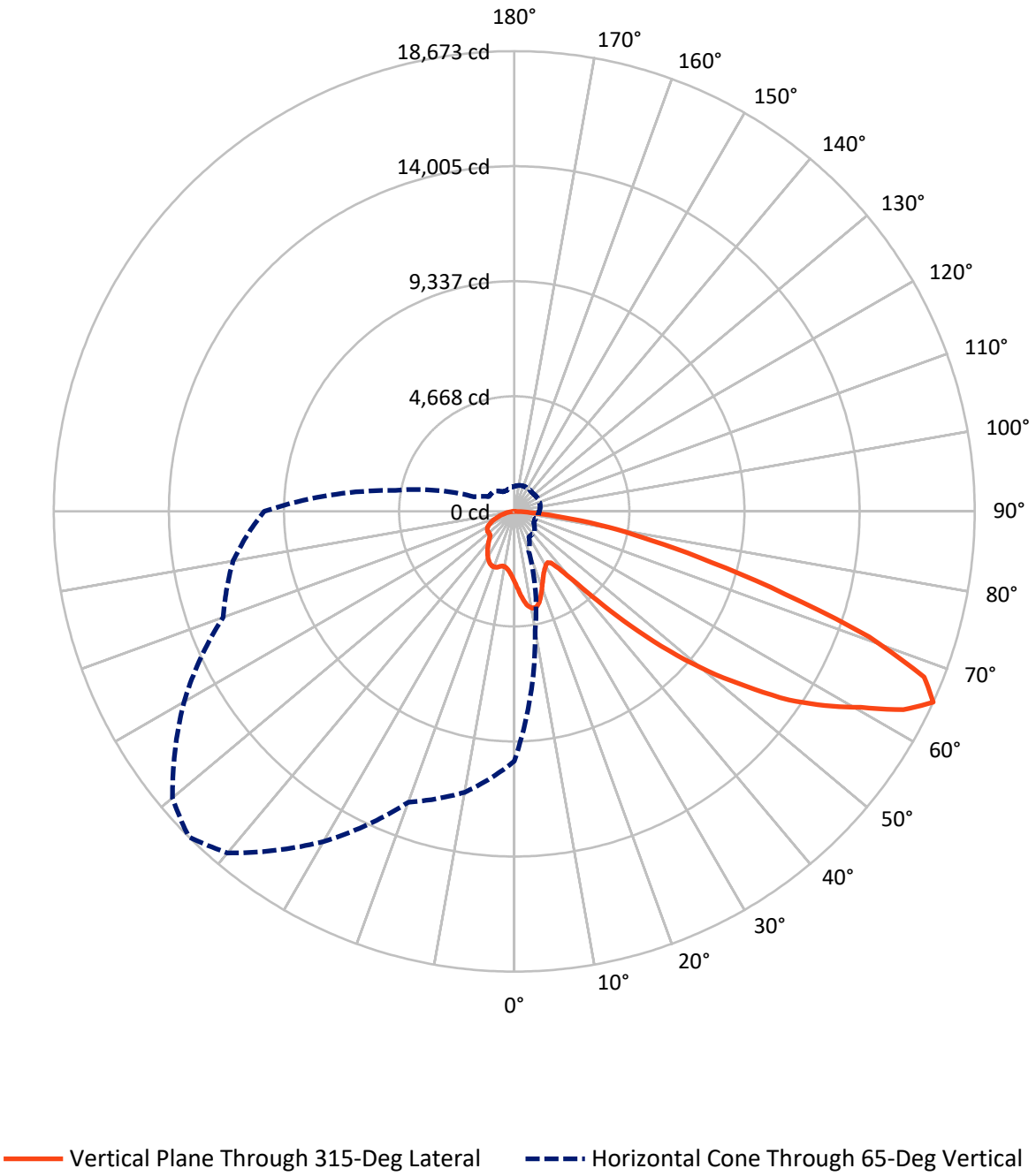
Based on 20 foot mounting height. Maximum calculated value = 8.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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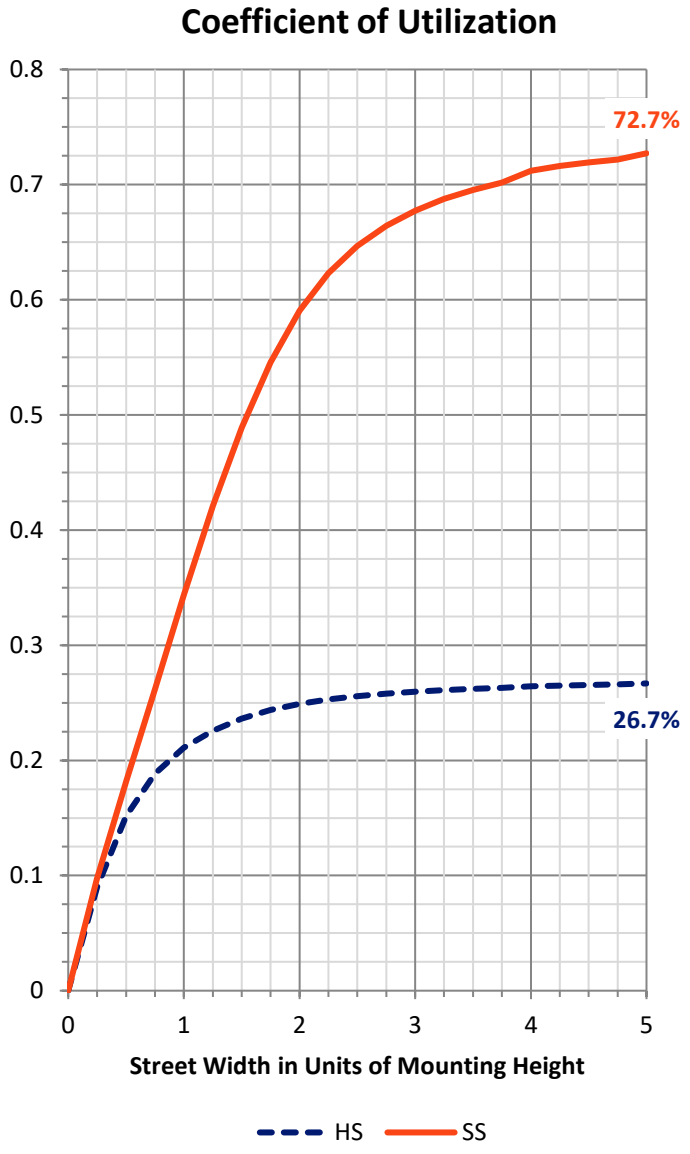
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4846.9	0.0	4846.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	13169.9	0.0	13169.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	18016.8	0.0	18016.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	283.7	1.6
10°-20°	869.3	4.8
20°-30°	1345.4	7.5
30°-40°	1669.2	9.3
40°-50°	2440.9	13.5
50°-60°	3823.3	21.2
60°-70°	4536.6	25.2
70°-80°	2646.0	14.7
80°-90°	402.5	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°	18016.8	100.0
0°-180°	18016.8	100.0



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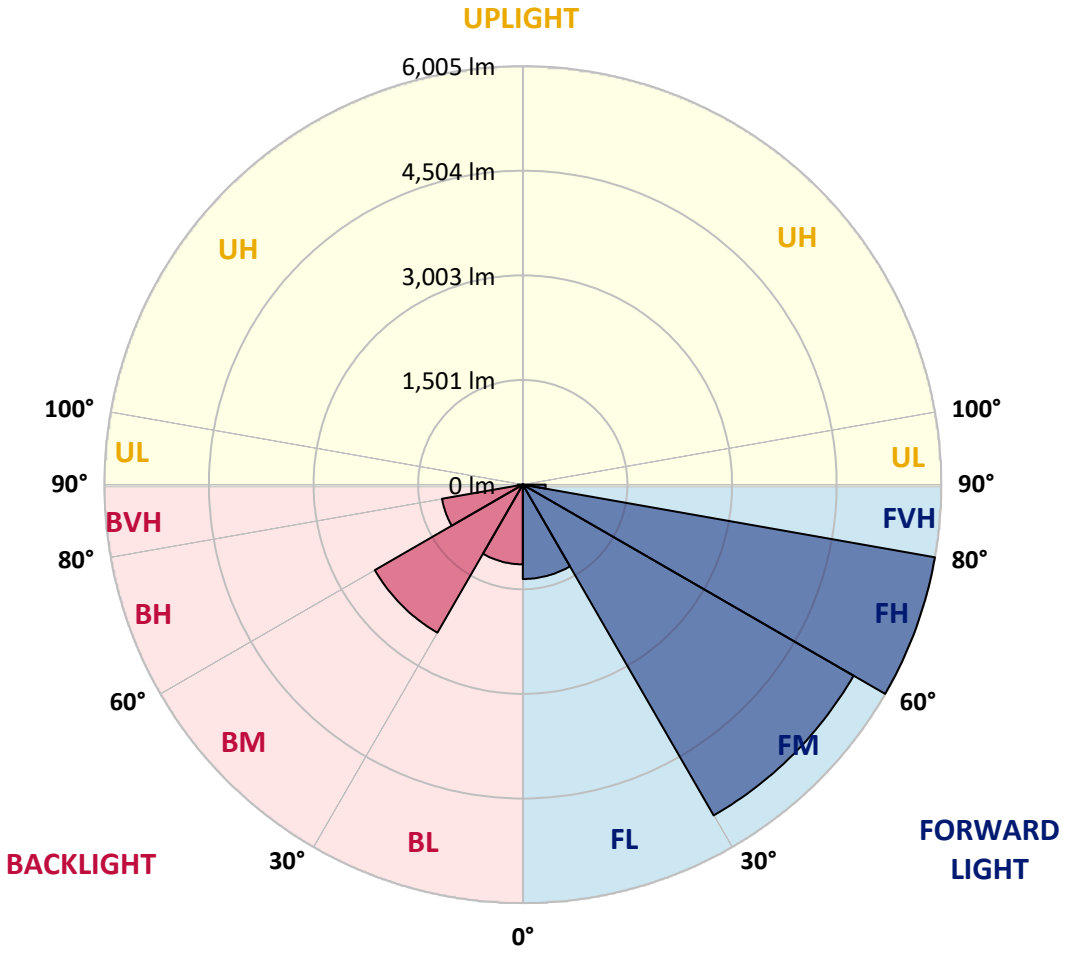
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1354.1	7.5			
FM	(30°-60°)	5481.1	30.4			
FH	(60°-80°)	6005.5	33.3			G3/7500
FVH	(80°-90°)	329.2	1.8			G3/500
BL	(0°-30°)	1144.2	6.4	B3/2500		
BM	(30°-60°)	2452.3	13.6	B2/2500		
BH	(60°-80°)	1177.1	6.5	B3/2500		G3/2500
BVH	(80°-90°)	73.3	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°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	3104.1	3075.9	3048.2	3022.6	2997.1	2971.5	2945.5	2920.8	2895.7	2870.6	2848.6
5°	3315.6	3265.8	3216.5	3164.5	3112.9	3062.3	3011.6	2963.6	2916.0	2866.2	2823.5
7.5°	3529.3	3445.6	3361.9	3283.0	3204.2	3133.7	3063.2	3000.1	2936.7	2870.6	2819.1
10°	3663.7	3563.7	3463.2	3365.4	3267.2	3180.4	3093.1	3020.4	2947.7	2877.2	2822.1
12.5°	3732.0	3632.4	3532.9	3423.1	3313.4	3216.1	3118.7	3038.5	2958.7	2881.6	2827.9
15°	3765.1	3664.2	3563.7	3452.2	3340.7	3235.9	3130.6	3040.2	2949.9	2864.0	2816.4
17.5°	3773.9	3679.6	3585.7	3466.8	3347.8	3227.9	3108.5	3003.2	2898.4	2797.9	2757.4
20°	3802.5	3707.3	3612.2	3484.4	3356.6	3216.1	3075.5	2937.1	2798.8	2665.7	2640.2
22.5°	3833.4	3746.1	3659.3	3518.8	3378.6	3206.8	3035.0	2861.4	2687.8	2529.1	2504.9
25°	3881.8	3806.5	3731.1	3577.8	3424.5	3205.9	2987.4	2771.0	2554.7	2372.7	2370.5
27.5°	3952.3	3894.6	3836.9	3664.2	3491.9	3214.3	2936.7	2678.5	2419.9	2233.9	2244.9
30°	4051.5	4006.1	3961.1	3766.4	3571.2	3232.4	2894.0	2597.9	2302.2	2121.6	2133.5
32.5°	4172.6	4144.4	4116.2	3886.7	3657.1	3252.6	2848.6	2527.4	2206.6	2040.0	2040.0
35°	4377.5	4342.3	4307.0	4014.4	3722.3	3247.8	2773.7	2447.2	2120.2	1991.6	1964.3
37.5°	4637.5	4595.6	4553.8	4170.4	3787.1	3234.1	2681.1	2358.2	2035.6	1934.3	1882.3
40°	5020.8	4938.4	4855.6	4348.9	3842.2	3203.3	2564.4	2252.0	1939.6	1859.4	1794.2
42.5°	5558.4	5383.9	5209.0	4546.3	3882.7	3150.0	2416.8	2125.5	1833.8	1777.9	1697.3
45°	6225.9	5946.1	5666.3	4814.2	3962.0	3113.4	2264.8	1996.9	1729.4	1678.7	1598.6
47.5°	6864.8	6510.5	6156.3	5089.5	4022.8	3070.6	2118.5	1869.1	1620.6	1562.0	1487.1
50°	7605.0	7124.7	6644.5	5329.7	4014.9	2997.9	1980.6	1755.4	1529.8	1449.6	1375.6
52.5°	8554.5	7791.8	7028.7	5443.4	3857.6	2849.0	1840.9	1653.2	1466.4	1363.7	1284.4
55°	9689.1	8462.0	7234.9	5413.4	3591.9	2651.6	1710.5	1567.7	1424.1	1321.8	1228.4
57.5°	10845.7	9024.7	7204.1	5249.9	3295.8	2445.0	1594.1	1495.4	1396.8	1310.8	1196.3
60°	11713.8	9276.7	6839.2	4858.2	2877.2	2183.7	1490.2	1421.0	1351.8	1284.4	1169.8
62.5°	11354.7	8717.6	6080.5	4216.2	2352.0	1852.3	1352.7	1313.9	1275.6	1246.9	1137.7
65°	*10143.0*	*7519.1*	*4895.2*	*3307.3*	*1719.3*	*1455.8*	*1191.9*	*1183.5*	*1175.6*	*1167.6*	*1077.3*
67.5°	9006.2	6457.7	3909.1	2573.6	1238.1	1113.0	987.9	1011.2	1034.6	1046.5	984.8
70°	7917.9	5486.1	3054.3	1972.2	890.0	846.0	801.9	836.7	871.5	868.0	838.1
72.5°	6796.5	4555.5	2314.1	1482.7	651.2	650.3	649.9	676.3	702.8	667.5	686.5
75°	5565.0	3637.3	1709.6	1098.9	488.2	485.1	482.5	513.8	545.5	559.6	571.9
77.5°	3701.2	2386.4	1071.6	710.3	349.0	351.6	353.4	387.7	422.1	462.6	464.8
80°	2172.2	1368.1	564.0	392.6	221.2	223.8	225.6	261.7	297.4	354.7	352.5
82.5°	1086.1	685.6	285.5	211.1	136.6	137.0	137.5	155.1	172.7	204.9	213.7
85°	246.7	163.0	79.3	67.0	55.1	57.7	60.8	72.3	83.7	101.3	106.6
87.5°	19.8	19.4	18.5	18.1	17.6	18.5	19.8	22.0	24.2	26.4	30.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	2824.8	2801.4	2782.9	2764.9	2749.0	2732.7	2713.7	2694.4	2680.7	2666.6	2657.4
5°	2781.2	2739.7	2705.4	2671.0	2642.8	2613.7	2588.2	2562.2	2541.9	2521.2	2504.5
7.5°	2767.5	2716.4	2671.9	2626.9	2589.1	2551.2	2519.4	2487.3	2456.9	2426.9	2407.5
10°	2767.9	2714.2	2668.4	2622.5	2582.4	2542.4	2500.5	2458.6	2425.1	2391.7	2362.6
12.5°	2782.9	2738.4	2706.3	2674.5	2637.5	2600.5	2550.7	2500.5	2455.1	2410.2	2374.5
15°	2787.3	2758.3	2755.6	2753.0	2740.2	2727.4	2681.1	2634.9	2572.3	2509.3	2458.2
17.5°	2753.4	2749.4	2793.1	2836.7	2861.8	2886.9	2854.7	2822.1	2734.0	2645.9	2569.7
20°	2665.3	2690.0	2775.4	2860.5	2928.3	2996.2	2992.7	2989.6	2874.6	2759.1	2659.1
22.5°	2541.9	2578.5	2690.0	2801.4	2899.2	2997.1	3022.2	3046.9	2934.1	2820.8	2697.4
25°	2410.6	2450.7	2553.8	2656.9	2762.2	2867.5	2914.2	2960.9	2868.0	2775.0	2655.1
27.5°	2283.3	2322.0	2398.7	2475.4	2560.0	2644.6	2697.0	2749.4	2692.6	2635.8	2538.8
30°	2163.4	2193.4	2248.9	2304.4	2361.7	2419.0	2460.8	2502.7	2465.2	2427.8	2358.2
32.5°	2052.8	2065.6	2101.7	2137.9	2180.6	2222.9	2246.3	2269.2	2240.1	2211.0	2165.2
35°	1953.7	1943.1	1966.9	1990.7	2025.1	2059.9	2077.5	2095.1	2070.9	2046.7	2005.7
37.5°	1854.1	1825.0	1836.5	1847.1	1876.6	1905.7	1930.8	1956.3	1938.7	1921.1	1886.3
40°	1751.9	1709.6	1708.7	1707.4	1735.6	1763.3	1795.1	1826.4	1823.3	1819.7	1786.7
42.5°	1643.5	1589.7	1584.0	1578.3	1606.0	1633.8	1667.3	1700.8	1707.4	1714.0	1686.7
45°	1543.0	1488.4	1479.6	1470.8	1494.6	1519.2	1555.8	1592.8	1608.2	1623.7	1599.0
47.5°	1439.9	1392.3	1387.1	1381.3	1406.4	1432.0	1472.5	1513.5	1529.8	1546.6	1529.8
50°	1336.8	1297.6	1304.2	1310.8	1338.6	1365.9	1397.6	1429.8	1460.2	1490.2	1487.1
52.5°	1255.3	1225.8	1246.5	1266.8	1291.9	1317.4	1350.5	1383.5	1415.3	1447.4	1452.3
55°	1195.8	1163.2	1192.3	1221.4	1251.8	1282.2	1313.0	1343.9	1373.8	1403.4	1410.0
57.5°	1150.4	1105.1	1134.1	1163.2	1196.3	1229.3	1260.2	1291.0	1325.8	1360.6	1365.9
60°	1112.6	1055.3	1074.7	1093.6	1127.5	1161.0	1193.2	1224.9	1260.2	1295.4	1302.5
62.5°	1062.8	987.9	990.5	992.3	1030.6	1068.5	1094.9	1121.4	1154.9	1188.8	1198.9
65°	*996.7*	*916.5*	*907.7*	*898.9*	*935.0*	*971.6*	*992.3*	*1013.4*	*1042.5*	*1071.6*	*1081.7*
67.5°	913.8	842.5	824.4	806.3	839.8	873.3	890.5	907.7	927.5	947.3	958.8
70°	795.8	753.5	742.0	730.5	757.9	785.2	800.2	815.1	831.0	846.9	853.0
72.5°	676.8	667.5	659.2	651.2	671.9	692.6	705.4	718.2	733.2	748.2	751.7
75°	566.6	561.8	555.6	549.9	565.8	581.6	591.3	601.4	616.9	632.3	638.9
77.5°	453.4	441.5	435.3	428.3	442.8	457.4	466.6	475.9	488.6	501.4	503.2
80°	338.4	323.9	319.0	313.7	324.3	334.9	338.4	341.5	352.1	362.2	362.2
82.5°	213.7	213.7	210.6	207.1	204.9	202.7	198.3	193.9	204.4	215.0	218.5
85°	107.5	108.0	103.1	97.8	91.6	84.6	83.3	81.5	81.1	80.2	83.3
87.5°	33.5	36.1	38.8	40.5	43.2	44.9	43.6	41.9	40.1	38.8	35.2
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°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	2648.1	2643.7	2639.3	2635.8	2632.7	2630.5	2632.7	2635.8	2639.3	2643.7	2648.1
5°	2487.3	2480.2	2472.7	2467.9	2463.0	2458.6	2463.0	2467.9	2472.7	2480.2	2487.3
7.5°	2388.1	2376.7	2365.2	2356.9	2348.5	2344.1	2348.5	2356.9	2365.2	2376.7	2388.1
10°	2334.4	2318.1	2302.2	2293.4	2284.6	2278.0	2284.6	2293.4	2302.2	2318.1	2334.4
12.5°	2338.8	2318.5	2299.1	2285.9	2272.7	2264.8	2272.7	2285.9	2299.1	2318.5	2338.8
15°	2406.6	2378.4	2349.4	2333.1	2316.8	2304.4	2316.8	2333.1	2349.4	2378.4	2406.6
17.5°	2493.9	2452.5	2411.0	2396.5	2381.5	2374.9	2381.5	2396.5	2411.0	2452.5	2493.9
20°	2559.1	2503.6	2448.9	2426.9	2404.9	2396.9	2404.9	2426.9	2448.9	2503.6	2559.1
22.5°	2574.1	2508.9	2443.2	2422.5	2401.4	2392.5	2401.4	2422.5	2443.2	2508.9	2574.1
25°	2535.7	2467.0	2397.8	2376.7	2355.1	2348.5	2355.1	2376.7	2397.8	2467.0	2535.7
27.5°	2441.9	2381.1	2319.8	2297.4	2274.5	2260.4	2274.5	2297.4	2319.8	2381.1	2441.9
30°	2289.0	2243.6	2198.7	2184.6	2170.0	2163.4	2170.0	2184.6	2198.7	2243.6	2289.0
32.5°	2119.4	2091.2	2063.0	2053.7	2044.5	2040.0	2044.5	2053.7	2063.0	2091.2	2119.4
35°	1965.1	1944.9	1924.6	1917.1	1910.1	1903.5	1910.1	1917.1	1924.6	1944.9	1965.1
37.5°	1851.5	1827.7	1803.0	1789.8	1776.6	1766.9	1776.6	1789.8	1803.0	1827.7	1851.5
40°	1753.6	1719.3	1685.4	1667.3	1648.8	1639.1	1648.8	1667.3	1685.4	1719.3	1753.6
42.5°	1658.9	1619.3	1579.6	1551.8	1524.5	1506.9	1524.5	1551.8	1579.6	1619.3	1658.9
45°	1573.9	1529.4	1484.9	1451.8	1418.8	1396.8	1418.8	1451.8	1484.9	1529.4	1573.9
47.5°	1513.5	1475.2	1436.4	1407.3	1378.2	1357.1	1378.2	1407.3	1436.4	1475.2	1513.5
50°	1484.0	1453.6	1423.2	1395.9	1368.1	1348.3	1368.1	1395.9	1423.2	1453.6	1484.0
52.5°	1457.6	1435.5	1413.5	1389.7	1365.9	1348.3	1365.9	1389.7	1413.5	1435.5	1457.6
55°	1416.6	1400.7	1384.4	1366.8	1349.2	1335.1	1349.2	1366.8	1384.4	1400.7	1416.6
57.5°	1371.2	1354.5	1337.3	1324.0	1310.8	1304.2	1310.8	1324.0	1337.3	1354.5	1371.2
60°	1309.5	1296.3	1283.1	1270.7	1258.0	1246.9	1258.0	1270.7	1283.1	1296.3	1309.5
62.5°	1209.5	1203.3	1197.6	1183.5	1169.8	1154.4	1169.8	1183.5	1197.6	1203.3	1209.5
65°	*1091.8*	*1088.8*	*1086.1*	*1076.0*	*1066.3*	*1048.7*	*1066.3*	*1076.0*	*1086.1*	*1088.8*	*1091.8*
67.5°	970.2	964.5	958.3	947.8	937.6	934.1	937.6	947.8	958.3	964.5	970.2
70°	859.2	850.4	841.6	817.8	794.0	766.7	794.0	817.8	841.6	850.4	859.2
72.5°	755.7	742.0	727.9	700.1	671.9	643.3	671.9	700.1	727.9	742.0	755.7
75°	645.5	626.1	607.2	577.6	548.6	528.7	548.6	577.6	607.2	626.1	645.5
77.5°	505.8	489.1	472.3	454.7	437.1	427.4	437.1	454.7	472.3	489.1	505.8
80°	362.2	349.8	337.1	328.3	319.4	312.8	319.4	328.3	337.1	349.8	362.2
82.5°	222.5	216.8	211.5	201.8	191.7	185.1	191.7	201.8	211.5	216.8	222.5
85°	85.9	84.6	83.7	80.2	77.1	74.9	77.1	80.2	83.7	84.6	85.9
87.5°	31.7	29.1	26.4	24.7	22.9	22.0	22.9	24.7	26.4	29.1	31.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364198
CATALOG NUMBER: GSS-SB2D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	2657.4	2666.6	2680.7	2694.4	2713.7	2732.7	2749.0	2764.9	2782.9	2801.4	2824.8
5°	2504.5	2521.2	2541.9	2562.2	2588.2	2613.7	2642.8	2671.0	2705.4	2739.7	2781.2
7.5°	2407.5	2426.9	2456.9	2487.3	2519.4	2551.2	2589.1	2626.9	2671.9	2716.4	2767.5
10°	2362.6	2391.7	2425.1	2458.6	2500.5	2542.4	2582.4	2622.5	2668.4	2714.2	2767.9
12.5°	2374.5	2410.2	2455.1	2500.5	2550.7	2600.5	2637.5	2674.5	2706.3	2738.4	2782.9
15°	2458.2	2509.3	2572.3	2634.9	2681.1	2727.4	2740.2	2753.0	2755.6	2758.3	2787.3
17.5°	2569.7	2645.9	2734.0	2822.1	2854.7	2886.9	2861.8	2836.7	2793.1	2749.4	2753.4
20°	2659.1	2759.1	2874.6	2989.6	2992.7	2996.2	2928.3	2860.5	2775.4	2690.0	2665.3
22.5°	2697.4	2820.8	2934.1	3046.9	3022.2	2997.1	2899.2	2801.4	2690.0	2578.5	2541.9
25°	2655.1	2775.0	2868.0	2960.9	2914.2	2867.5	2762.2	2656.9	2553.8	2450.7	2410.6
27.5°	2538.8	2635.8	2692.6	2749.4	2697.0	2644.6	2560.0	2475.4	2398.7	2322.0	2283.3
30°	2358.2	2427.8	2465.2	2502.7	2460.8	2419.0	2361.7	2304.4	2248.9	2193.4	2163.4
32.5°	2165.2	2211.0	2240.1	2269.2	2246.3	2222.9	2180.6	2137.9	2101.7	2065.6	2052.8
35°	2005.7	2046.7	2070.9	2095.1	2077.5	2059.9	2025.1	1990.7	1966.9	1943.1	1953.7
37.5°	1886.3	1921.1	1938.7	1956.3	1930.8	1905.7	1876.6	1847.1	1836.5	1825.0	1854.1
40°	1786.7	1819.7	1823.3	1826.4	1795.1	1763.3	1735.6	1707.4	1708.7	1709.6	1751.9
42.5°	1686.7	1714.0	1707.4	1700.8	1667.3	1633.8	1606.0	1578.3	1584.0	1589.7	1643.5
45°	1599.0	1623.7	1608.2	1592.8	1555.8	1519.2	1494.6	1470.8	1479.6	1488.4	1543.0
47.5°	1529.8	1546.6	1529.8	1513.5	1472.5	1432.0	1406.4	1381.3	1387.1	1392.3	1439.9
50°	1487.1	1490.2	1460.2	1429.8	1397.6	1365.9	1338.6	1310.8	1304.2	1297.6	1336.8
52.5°	1452.3	1447.4	1415.3	1383.5	1350.5	1317.4	1291.9	1266.8	1246.5	1225.8	1255.3
55°	1410.0	1403.4	1373.8	1343.9	1313.0	1282.2	1251.8	1221.4	1192.3	1163.2	1195.8
57.5°	1365.9	1360.6	1325.8	1291.0	1260.2	1229.3	1196.3	1163.2	1134.1	1105.1	1150.4
60°	1302.5	1295.4	1260.2	1224.9	1193.2	1161.0	1127.5	1093.6	1074.7	1055.3	1112.6
62.5°	1198.9	1188.8	1154.9	1121.4	1094.9	1068.5	1030.6	992.3	990.5	987.9	1062.8
65°	*1081.7*	*1071.6*	*1042.5*	*1013.4*	*992.3*	*971.6*	*935.0*	*898.9*	*907.7*	*916.5*	*996.7*
67.5°	958.8	947.3	927.5	907.7	890.5	873.3	839.8	806.3	824.4	842.5	913.8
70°	853.0	846.9	831.0	815.1	800.2	785.2	757.9	730.5	742.0	753.5	795.8
72.5°	751.7	748.2	733.2	718.2	705.4	692.6	671.9	651.2	659.2	667.5	676.8
75°	638.9	632.3	616.9	601.4	591.3	581.6	565.8	549.9	555.6	561.8	566.6
77.5°	503.2	501.4	488.6	475.9	466.6	457.4	442.8	428.3	435.3	441.5	453.4
80°	362.2	362.2	352.1	341.5	338.4	334.9	324.3	313.7	319.0	323.9	338.4
82.5°	218.5	215.0	204.4	193.9	198.3	202.7	204.9	207.1	210.6	213.7	213.7
85°	83.3	80.2	81.1	81.5	83.3	84.6	91.6	97.8	103.1	108.0	107.5
87.5°	35.2	38.8	40.1	41.9	43.6	44.9	43.2	40.5	38.8	36.1	33.5
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: P1364198
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	2848.6	2870.6	2895.7	2920.8	2945.5	2971.5	2997.1	3022.6	3048.2	3075.9	3104.1
5°	2823.5	2866.2	2916.0	2963.6	3011.6	3062.3	3112.9	3164.5	3216.5	3265.8	3315.6
7.5°	2819.1	2870.6	2936.7	3000.1	3063.2	3133.7	3204.2	3283.0	3361.9	3445.6	3529.3
10°	2822.1	2877.2	2947.7	3020.4	3093.1	3180.4	3267.2	3365.4	3463.2	3563.7	3663.7
12.5°	2827.9	2881.6	2958.7	3038.5	3118.7	3216.1	3313.4	3423.1	3532.9	3632.4	3732.0
15°	2816.4	2864.0	2949.9	3040.2	3130.6	3235.9	3340.7	3452.2	3563.7	3664.2	3765.1
17.5°	2757.4	2797.9	2898.4	3003.2	3108.5	3227.9	3347.8	3466.8	3585.7	3679.6	3773.9
20°	2640.2	2665.7	2798.8	2937.1	3075.5	3216.1	3356.6	3484.4	3612.2	3707.3	3802.5
22.5°	2504.9	2529.1	2687.8	2861.4	3035.0	3206.8	3378.6	3518.8	3659.3	3746.1	3833.4
25°	2370.5	2372.7	2554.7	2771.0	2987.4	3205.9	3424.5	3577.8	3731.1	3806.5	3881.8
27.5°	2244.9	2233.9	2419.9	2678.5	2936.7	3214.3	3491.9	3664.2	3836.9	3894.6	3952.3
30°	2133.5	2121.6	2302.2	2597.9	2894.0	3232.4	3571.2	3766.4	3961.1	4006.1	4051.5
32.5°	2040.0	2040.0	2206.6	2527.4	2848.6	3252.6	3657.1	3886.7	4116.2	4144.4	4172.6
35°	1964.3	1991.6	2120.2	2447.2	2773.7	3247.8	3722.3	4014.4	4307.0	4342.3	4377.5
37.5°	1882.3	1934.3	2035.6	2358.2	2681.1	3234.1	3787.1	4170.4	4553.8	4595.6	4637.5
40°	1794.2	1859.4	1939.6	2252.0	2564.4	3203.3	3842.2	4348.9	4855.6	4938.4	5020.8
42.5°	1697.3	1777.9	1833.8	2125.5	2416.8	3150.0	3882.7	4546.3	5209.0	5383.9	5558.4
45°	1598.6	1678.7	1729.4	1996.9	2264.8	3113.4	3962.0	4814.2	5666.3	5946.1	6225.9
47.5°	1487.1	1562.0	1620.6	1869.1	2118.5	3070.6	4022.8	5089.5	6156.3	6510.5	6864.8
50°	1375.6	1449.6	1529.8	1755.4	1980.6	2997.9	4014.9	5329.7	6644.5	7124.7	7605.0
52.5°	1284.4	1363.7	1466.4	1653.2	1840.9	2849.0	3857.6	5443.4	7028.7	7791.8	8554.5
55°	1228.4	1321.8	1424.1	1567.7	1710.5	2651.6	3591.9	5413.4	7234.9	8462.0	9689.1
57.5°	1196.3	1310.8	1396.8	1495.4	1594.1	2445.0	3295.8	5249.9	7204.1	9024.7	10845.7
60°	1169.8	1284.4	1351.8	1421.0	1490.2	2183.7	2877.2	4858.2	6839.2	9276.7	11713.8
62.5°	1137.7	1246.9	1275.6	1313.9	1352.7	1852.3	2352.0	4216.2	6080.5	8717.6	11354.7
65°	*1077.3*	*1167.6*	*1175.6*	*1183.5*	*1191.9*	*1455.8*	*1719.3*	*3307.3*	*4895.2*	*7519.1*	*10143.0*
67.5°	984.8	1046.5	1034.6	1011.2	987.9	1113.0	1238.1	2573.6	3909.1	6457.7	9006.2
70°	838.1	868.0	871.5	836.7	801.9	846.0	890.0	1972.2	3054.3	5486.1	7917.9
72.5°	686.5	667.5	702.8	676.3	649.9	650.3	651.2	1482.7	2314.1	4555.5	6796.5
75°	571.9	559.6	545.5	513.8	482.5	485.1	488.2	1098.9	1709.6	3637.3	5565.0
77.5°	464.8	462.6	422.1	387.7	353.4	351.6	349.0	710.3	1071.6	2386.4	3701.2
80°	352.5	354.7	297.4	261.7	225.6	223.8	221.2	392.6	564.0	1368.1	2172.2
82.5°	213.7	204.9	172.7	155.1	137.5	137.0	136.6	211.1	285.5	685.6	1086.1
85°	106.6	101.3	83.7	72.3	60.8	57.7	55.1	67.0	79.3	163.0	246.7
87.5°	30.8	26.4	24.2	22.0	19.8	18.5	17.6	18.1	18.5	19.4	19.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P1364198
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	*2872.8*	2872.8	2872.8
2.5°	3115.2	3126.2	3138.1	3150.4	3157.4	3164.5	3172.0	3179.0	*3185.6*	3179.0	3172.0
5°	3365.4	3414.8	3448.3	3481.7	3507.3	3532.9	3547.4	3562.4	*3564.6*	3562.4	3547.4
7.5°	3588.4	3647.4	3698.5	3749.6	3782.2	3814.8	3833.8	3853.2	*3859.8*	3853.2	3833.8
10°	3732.9	3802.5	3851.9	3901.6	3932.1	3962.0	3977.0	3992.0	*3996.4*	3992.0	3977.0
12.5°	3798.5	3865.1	3903.4	3941.3	3960.7	3979.6	3986.7	3992.9	*3987.6*	3992.9	3986.7
15°	3804.3	3843.0	3859.3	3875.2	3866.0	3856.3	3842.6	3828.9	*3820.1*	3828.9	3842.6
17.5°	3787.5	3801.6	3772.1	3743.0	3690.2	3637.3	3597.6	3558.0	*3529.3*	3558.0	3597.6
20°	3780.5	3758.4	3680.0	3602.0	3502.9	3403.8	3337.2	3270.2	*3229.7*	3270.2	3337.2
22.5°	3771.2	3709.1	3577.4	3445.6	3309.9	3174.6	3098.0	3021.7	*2978.6*	3021.7	3098.0
25°	3775.2	3668.1	3490.1	3312.5	3153.0	2994.0	2910.7	2827.9	*2780.3*	2827.9	2910.7
27.5°	3789.3	3626.3	3406.0	3185.6	3012.9	2839.8	2760.5	2681.1	*2639.3*	2681.1	2760.5
30°	3835.1	3618.3	3354.8	3090.9	2910.3	2729.6	2652.1	2574.1	*2529.1*	2574.1	2652.1
32.5°	3899.4	3626.3	3331.1	3035.8	2851.7	2667.9	2593.5	2519.4	*2480.7*	2519.4	2593.5
35°	4031.6	3685.7	3358.4	3031.4	2860.5	2690.0	2635.3	2581.1	*2560.0*	2581.1	2635.3
37.5°	4233.4	3828.9	3491.9	3154.8	3038.5	2922.2	2922.2	2922.2	*2938.9*	2922.2	2922.2
40°	4567.0	4113.1	3794.1	3475.6	3468.5	3462.4	3536.4	3610.8	*3643.9*	3610.8	3536.4
42.5°	5078.5	4599.1	4341.8	4084.5	4238.7	4392.9	4607.1	4821.2	*4961.3*	4821.2	4607.1
45°	5758.8	5291.8	5112.0	4932.7	5275.9	5618.7	5997.2	6375.7	*6644.5*	6375.7	5997.2
47.5°	6471.8	6078.3	5975.6	5873.4	6444.0	7014.6	7569.3	8124.1	*8451.0*	8124.1	7569.3
50°	7251.6	6897.8	6878.0	6858.2	7618.2	8378.3	9094.3	9810.3	*10209.1*	9810.3	9094.3
52.5°	8166.4	7777.7	7793.6	7808.6	8711.4	9614.2	10480.0	11345.8	*11795.3*	11345.8	10480.0
55°	9202.3	8715.4	8712.7	8710.1	9747.3	10785.4	11849.0	12913.6	*13513.7*	12913.6	11849.0
57.5°	10389.7	9933.7	9825.3	9716.4	10801.2	11885.6	13060.3	14235.4	*14866.4*	14235.4	13060.3
60°	11462.6	11211.5	11037.9	10864.7	11978.6	13092.9	14306.3	15519.4	*16148.6*	15519.4	14306.3
62.5°	11803.6	12252.6	12239.9	12227.1	13429.5	14632.0	15893.9	17156.7	*17721.5*	17156.7	15893.9
65°	*10859.0*	*11575.0*	*12067.6*	*12559.7*	*14013.3*	*15466.5*	*16781.3*	*18096.1*	*18673.3*	*18096.1*	*16781.3*
67.5°	9637.1	10268.5	10671.7	11074.9	12712.6	14350.8	15842.8	17334.7	*17928.6*	17334.7	15842.8
70°	8616.7	9315.5	9603.7	9891.8	11283.3	12674.3	13854.7	15034.7	*15267.3*	15034.7	13854.7
72.5°	7627.5	8458.9	8581.0	8703.0	9715.6	10728.1	11356.9	11985.6	*11478.0*	11985.6	11356.9
75°	6502.6	7439.8	7521.3	7602.8	7918.3	8234.2	8394.2	8554.5	*8265.9*	8554.5	8394.2
77.5°	4512.8	5324.8	5507.7	5690.5	5900.7	6111.3	6100.3	6089.3	*5683.9*	6089.3	6100.3
80°	2807.2	3442.1	3465.9	3489.7	3647.4	3804.7	3965.5	4126.4	*3868.6*	4126.4	3965.5
82.5°	1434.6	1783.6	1837.4	1891.1	1987.6	2084.1	2129.1	2174.4	*1956.3*	2174.4	2129.1
85°	337.5	428.3	516.0	603.6	705.0	806.3	794.9	783.4	*660.9*	783.4	794.9
87.5°	20.3	21.1	21.6	22.0	22.5	22.9	24.2	25.6	*26.4*	25.6	24.2
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: P1364198
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8	2872.8
2.5°	3164.5	3157.4	3150.4	3138.1	3126.2	3115.2	3104.1
5°	3532.9	3507.3	3481.7	3448.3	3414.8	3365.4	3315.6
7.5°	3814.8	3782.2	3749.6	3698.5	3647.4	3588.4	3529.3
10°	3962.0	3932.1	3901.6	3851.9	3802.5	3732.9	3663.7
12.5°	3979.6	3960.7	3941.3	3903.4	3865.1	3798.5	3732.0
15°	3856.3	3866.0	3875.2	3859.3	3843.0	3804.3	3765.1
17.5°	3637.3	3690.2	3743.0	3772.1	3801.6	3787.5	3773.9
20°	3403.8	3502.9	3602.0	3680.0	3758.4	3780.5	3802.5
22.5°	3174.6	3309.9	3445.6	3577.4	3709.1	3771.2	3833.4
25°	2994.0	3153.0	3312.5	3490.1	3668.1	3775.2	3881.8
27.5°	2839.8	3012.9	3185.6	3406.0	3626.3	3789.3	3952.3
30°	2729.6	2910.3	3090.9	3354.8	3618.3	3835.1	4051.5
32.5°	2667.9	2851.7	3035.8	3331.1	3626.3	3899.4	4172.6
35°	2690.0	2860.5	3031.4	3358.4	3685.7	4031.6	4377.5
37.5°	2922.2	3038.5	3154.8	3491.9	3828.9	4233.4	4637.5
40°	3462.4	3468.5	3475.6	3794.1	4113.1	4567.0	5020.8
42.5°	4392.9	4238.7	4084.5	4341.8	4599.1	5078.5	5558.4
45°	5618.7	5275.9	4932.7	5112.0	5291.8	5758.8	6225.9
47.5°	7014.6	6444.0	5873.4	5975.6	6078.3	6471.8	6864.8
50°	8378.3	7618.2	6858.2	6878.0	6897.8	7251.6	7605.0
52.5°	9614.2	8711.4	7808.6	7793.6	7777.7	8166.4	8554.5
55°	10785.4	9747.3	8710.1	8712.7	8715.4	9202.3	9689.1
57.5°	11885.6	10801.2	9716.4	9825.3	9933.7	10389.7	10845.7
60°	13092.9	11978.6	10864.7	11037.9	11211.5	11462.6	11713.8
62.5°	14632.0	13429.5	12227.1	12239.9	12252.6	11803.6	11354.7
65°	*15466.5*	*14013.3*	*12559.7*	*12067.6*	*11575.0*	*10859.0*	*10143.0*
67.5°	14350.8	12712.6	11074.9	10671.7	10268.5	9637.1	9006.2
70°	12674.3	11283.3	9891.8	9603.7	9315.5	8616.7	7917.9
72.5°	10728.1	9715.6	8703.0	8581.0	8458.9	7627.5	6796.5
75°	8234.2	7918.3	7602.8	7521.3	7439.8	6502.6	5565.0
77.5°	6111.3	5900.7	5690.5	5507.7	5324.8	4512.8	3701.2
80°	3804.7	3647.4	3489.7	3465.9	3442.1	2807.2	2172.2
82.5°	2084.1	1987.6	1891.1	1837.4	1783.6	1434.6	1086.1
85°	806.3	705.0	603.6	516.0	428.3	337.5	246.7
87.5°	22.9	22.5	22.0	21.6	21.1	20.3	19.8
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

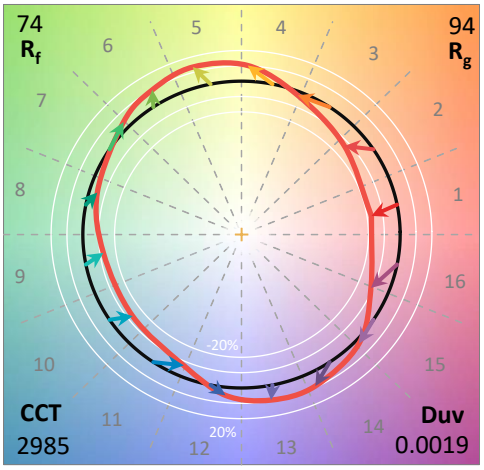
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



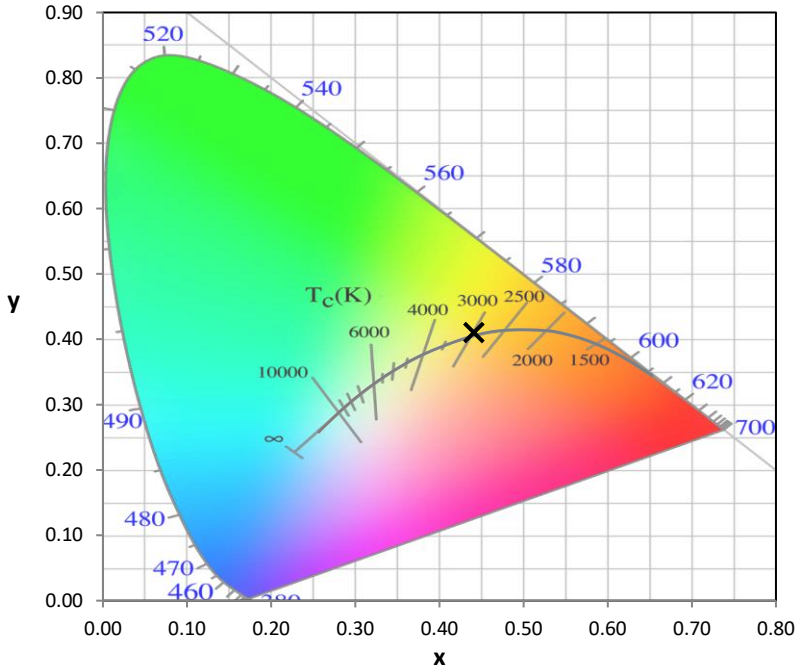
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

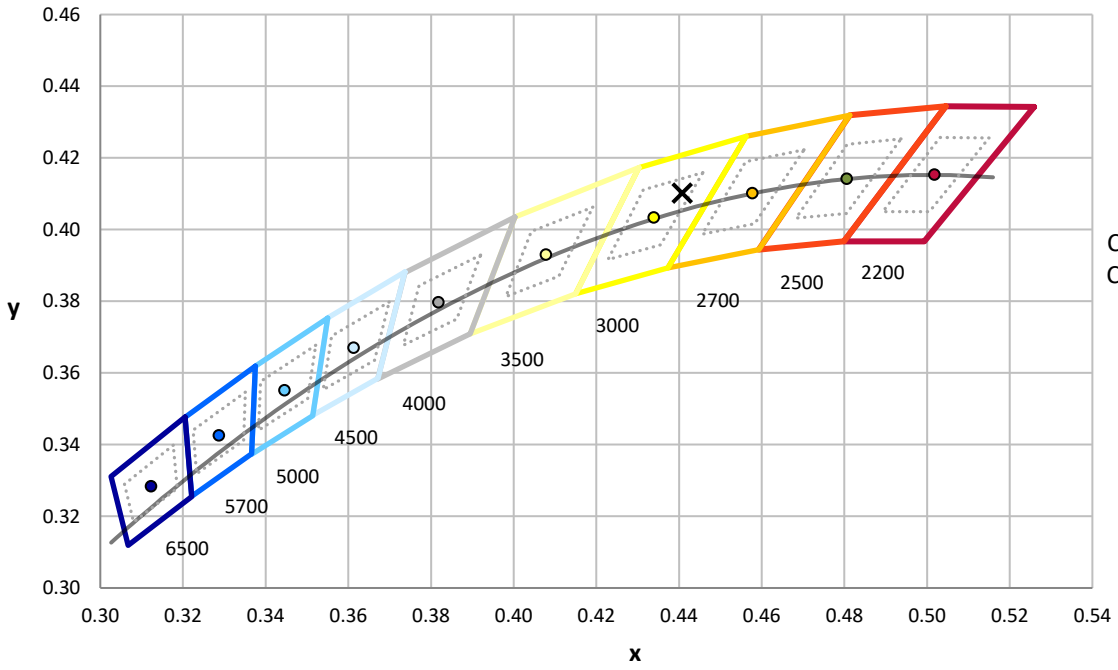
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

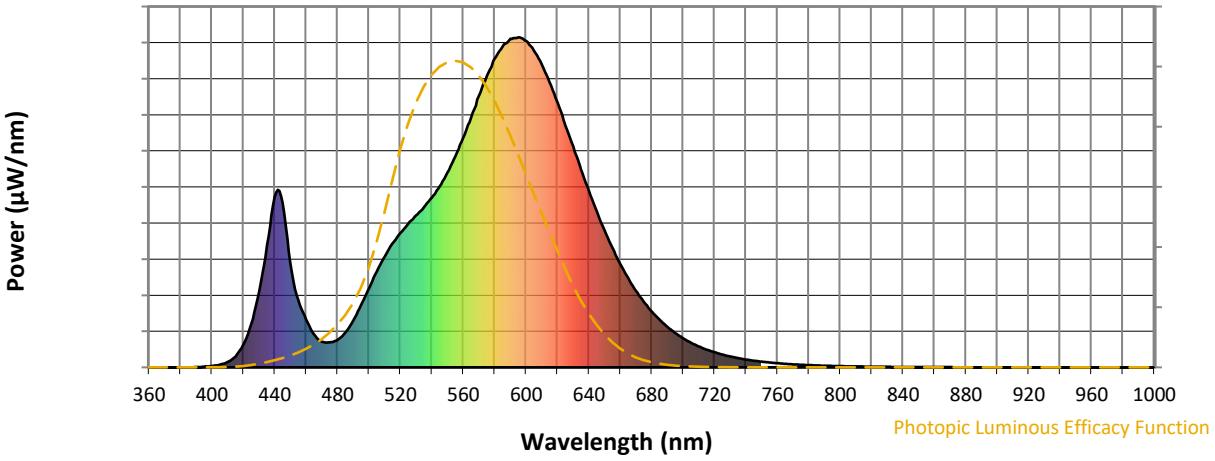


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

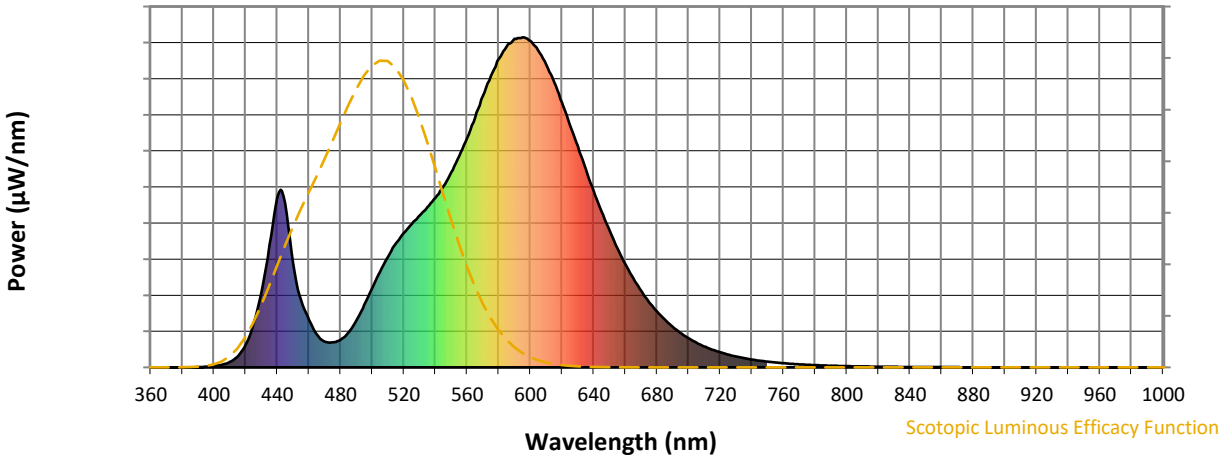


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

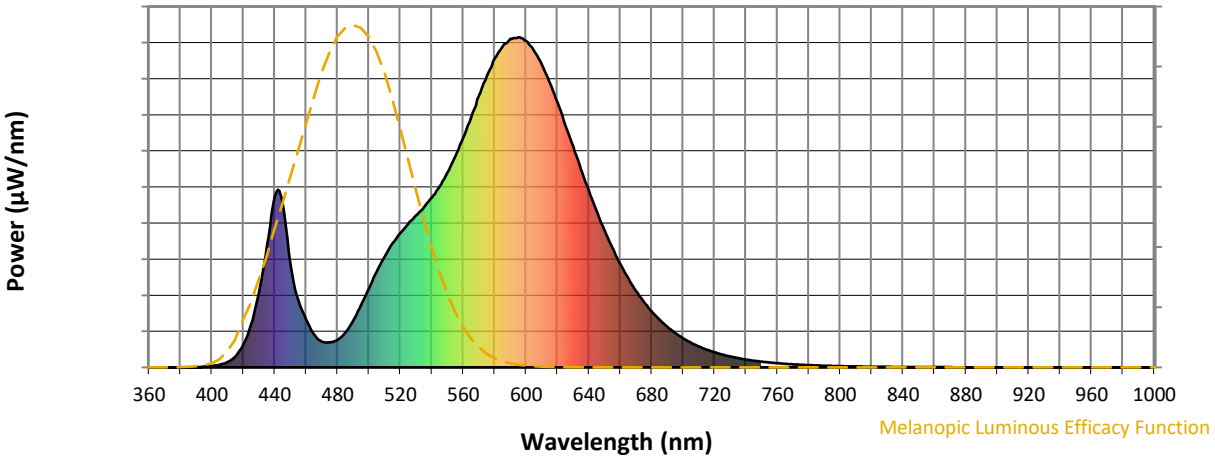


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

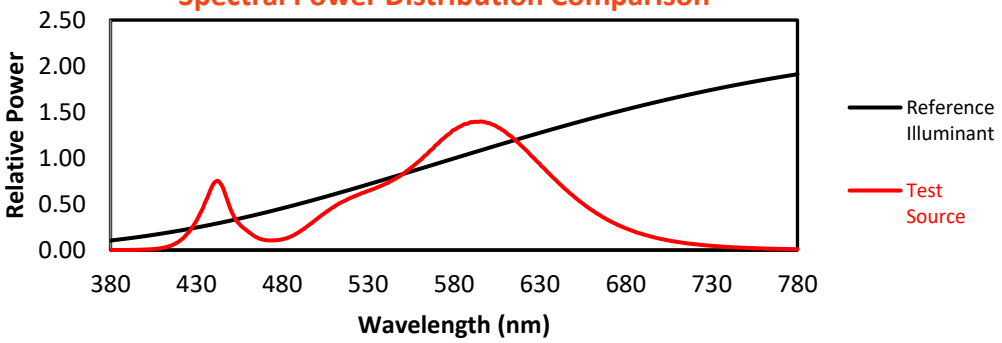
REPORT NUMBER: SP1-2407-184-4

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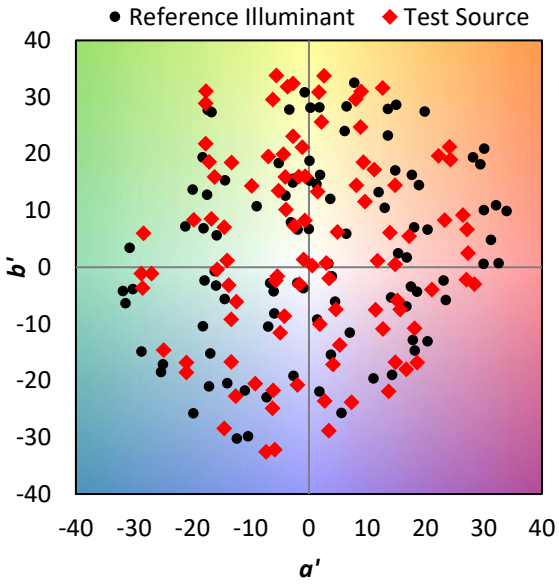
Summary

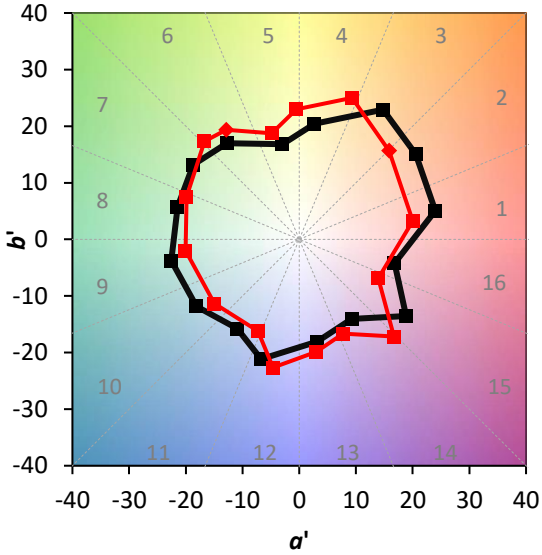
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

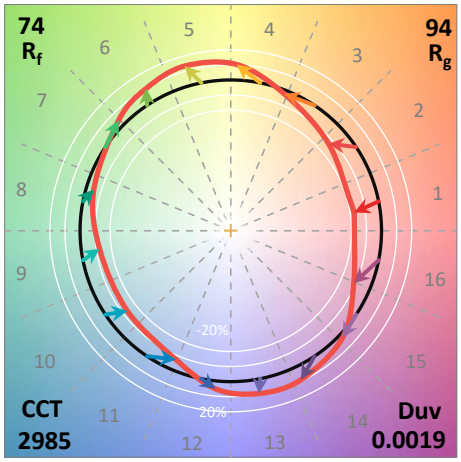
Spectral Power Distribution Comparison

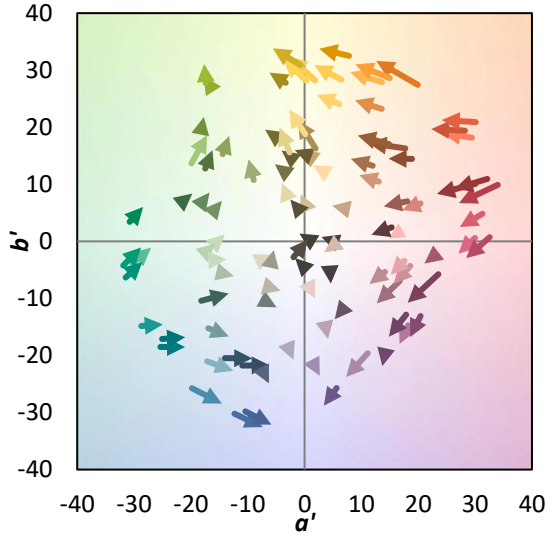


Color Vector Graphics







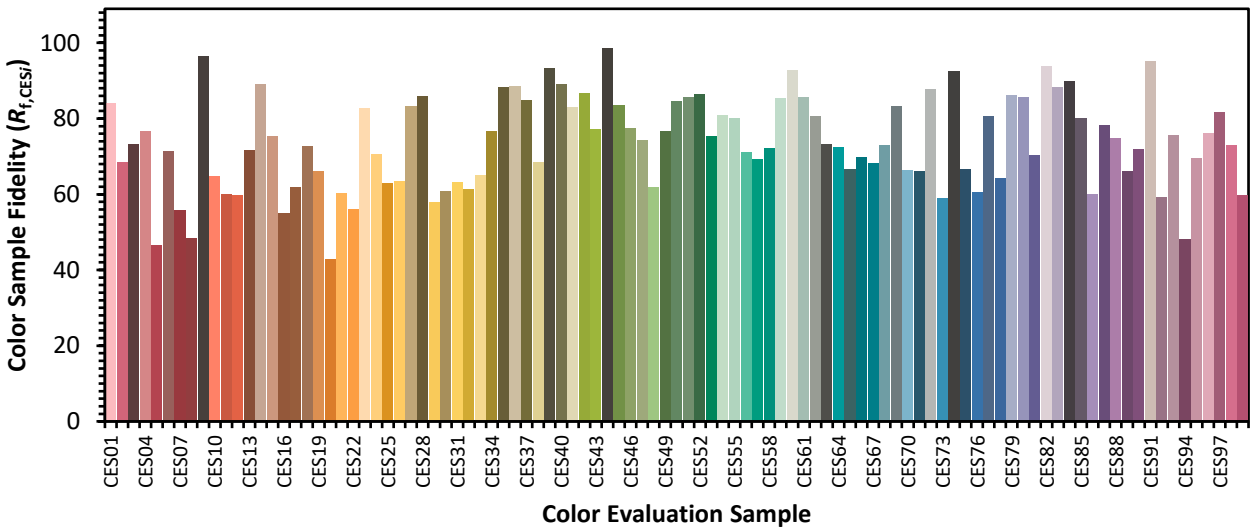


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Individual Sample Fidelity Index ($R_{f,i}$)

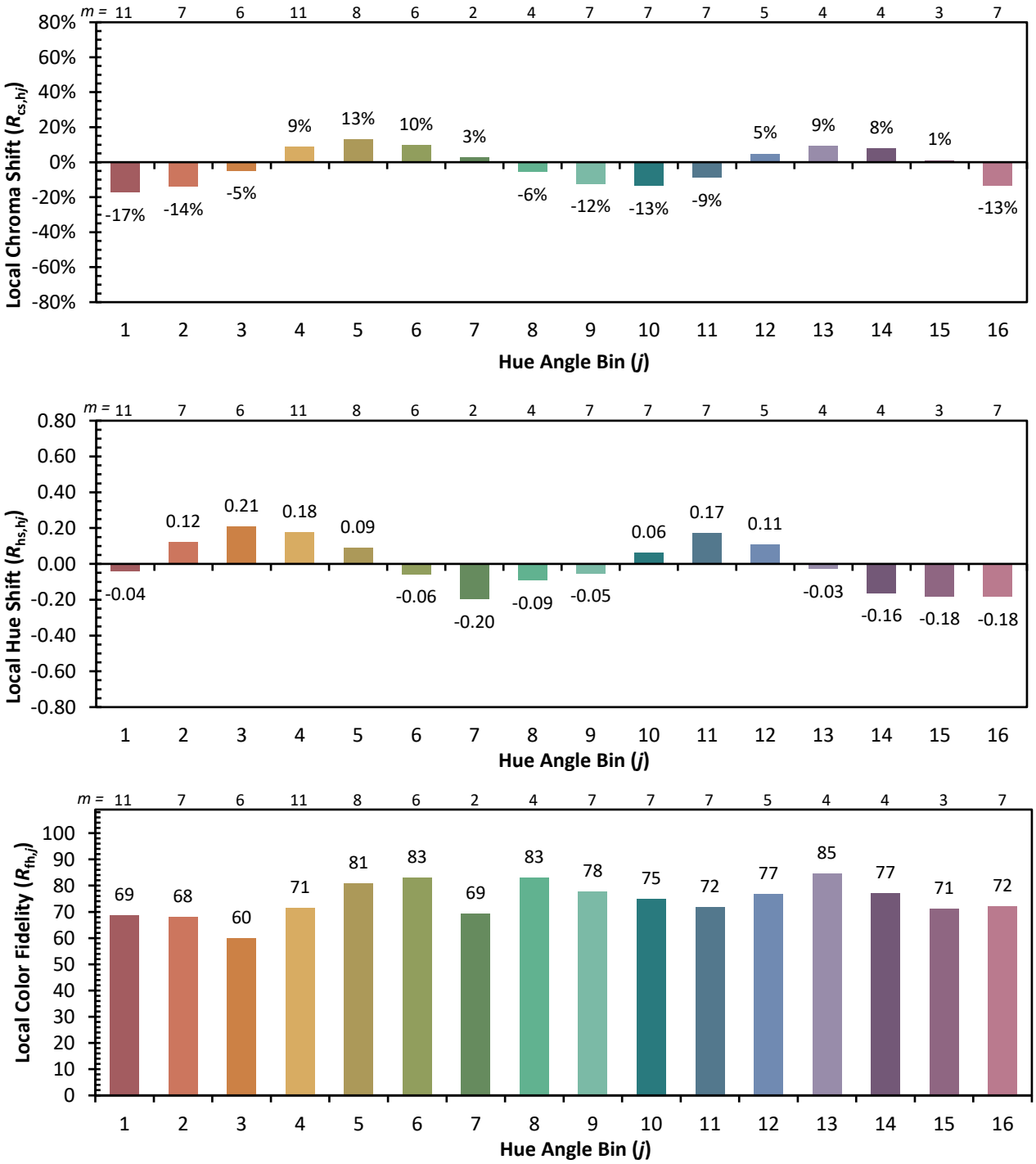
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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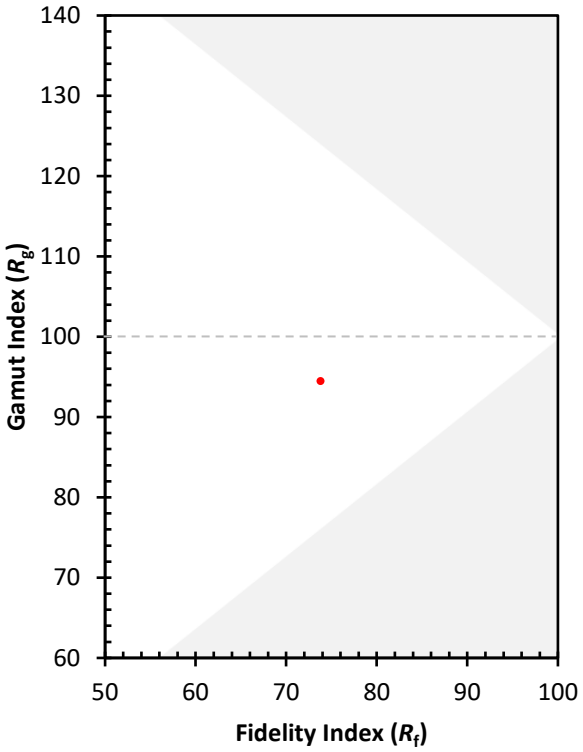
Color Rendition by Hue-Angle Bin

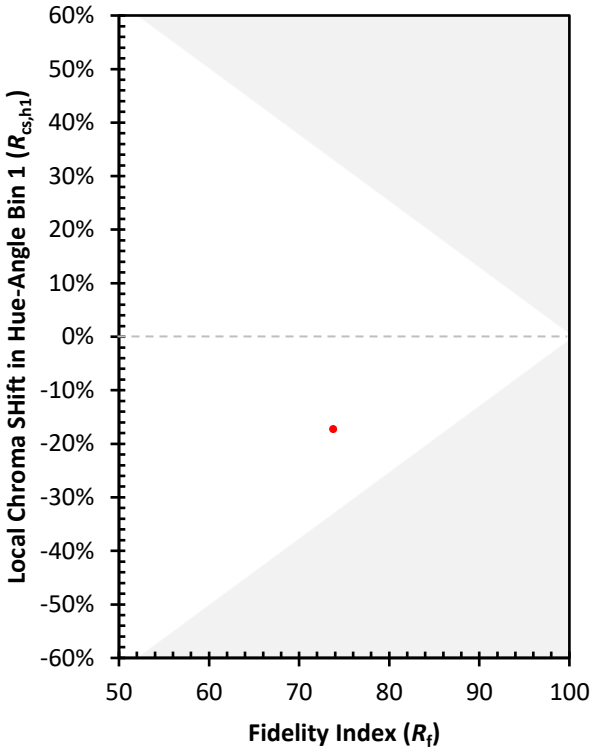


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Measure Comparisons





(END OF REPORT)