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: P1364967

Luminaire Tested: **GSS-SB3A-730-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364967
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-730-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11885.2 lumens
Efficiency:	N/A
Efficacy:	139.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

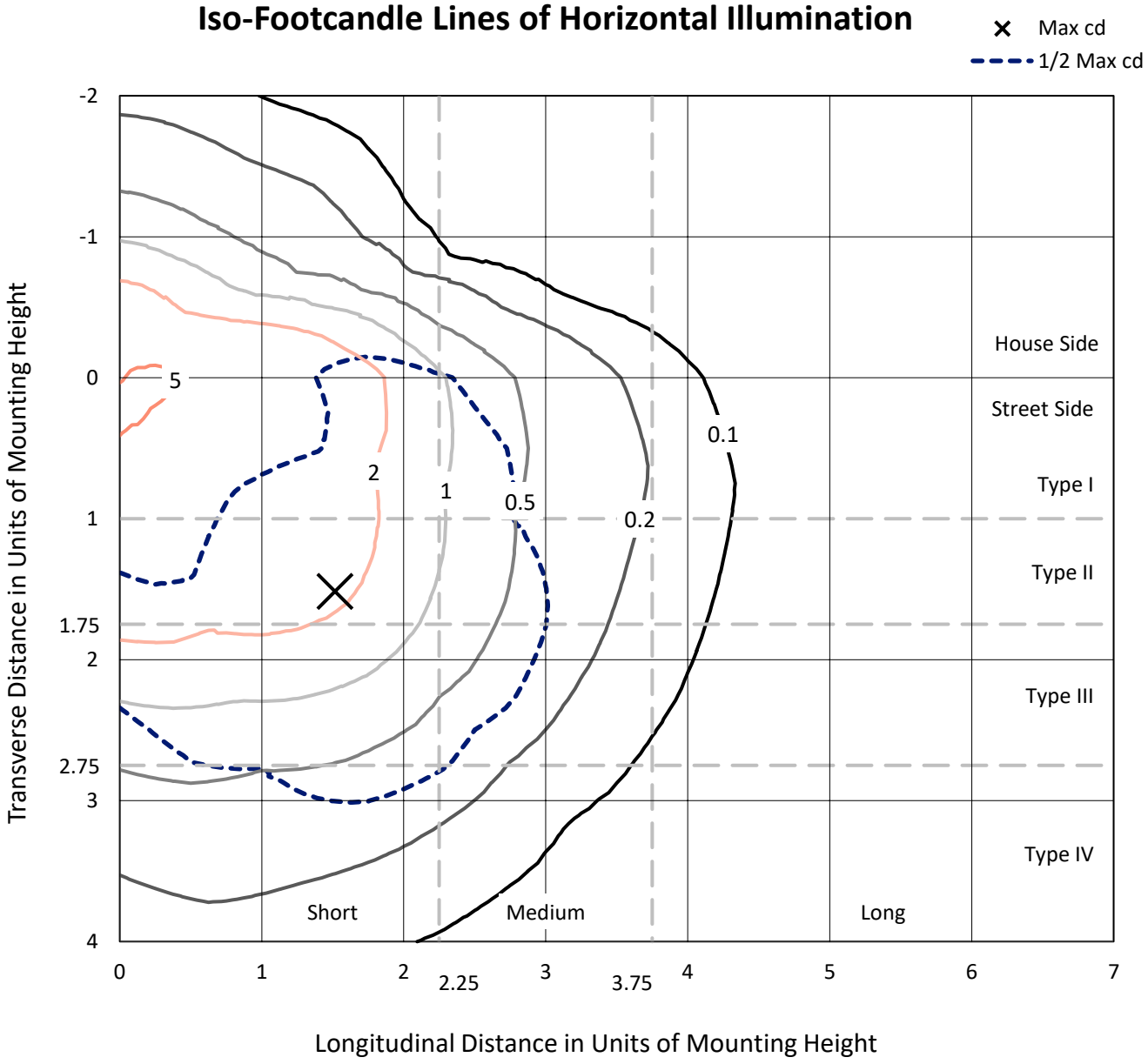
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



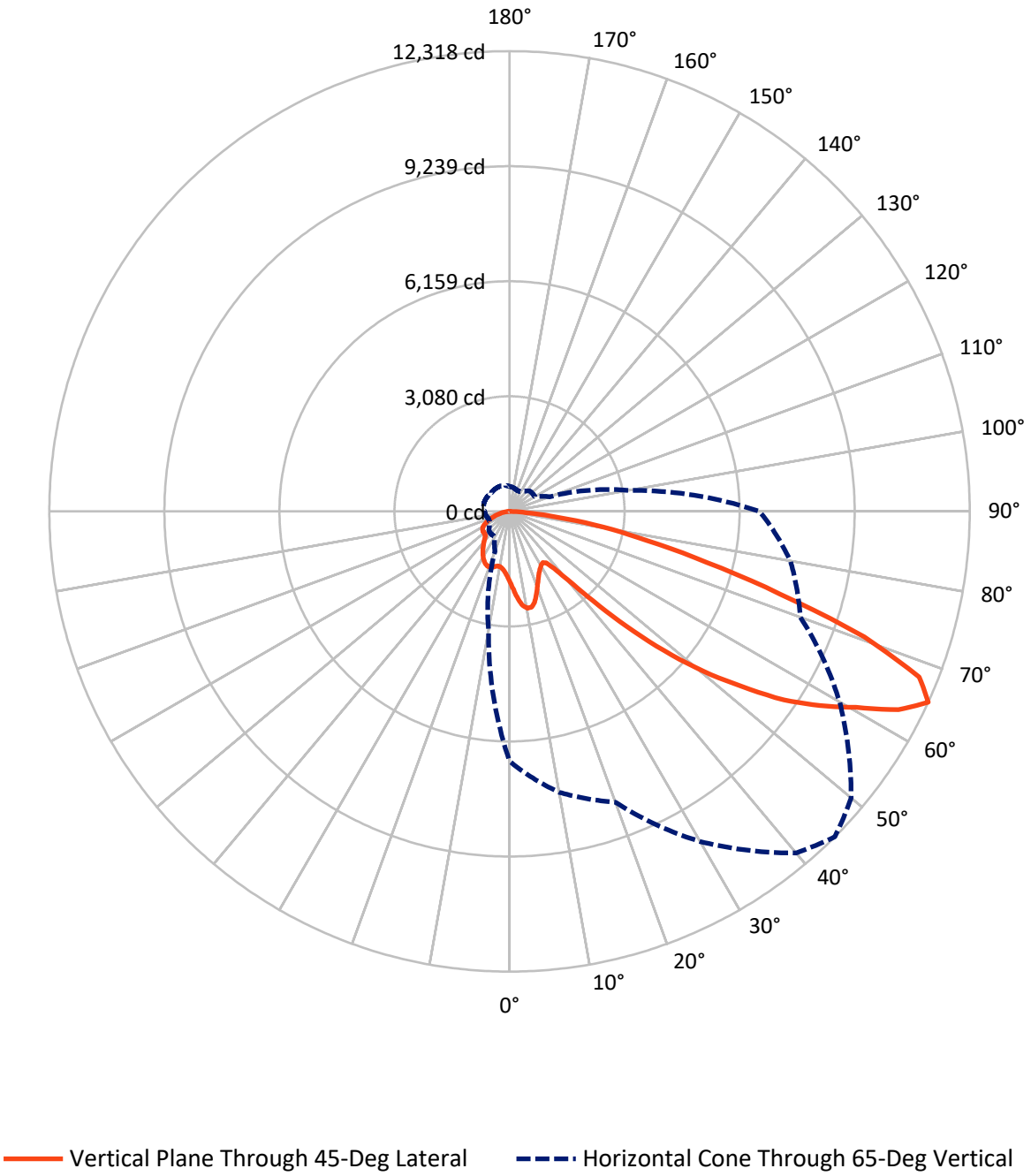
Based on 20 foot mounting height. Maximum calculated value = 6.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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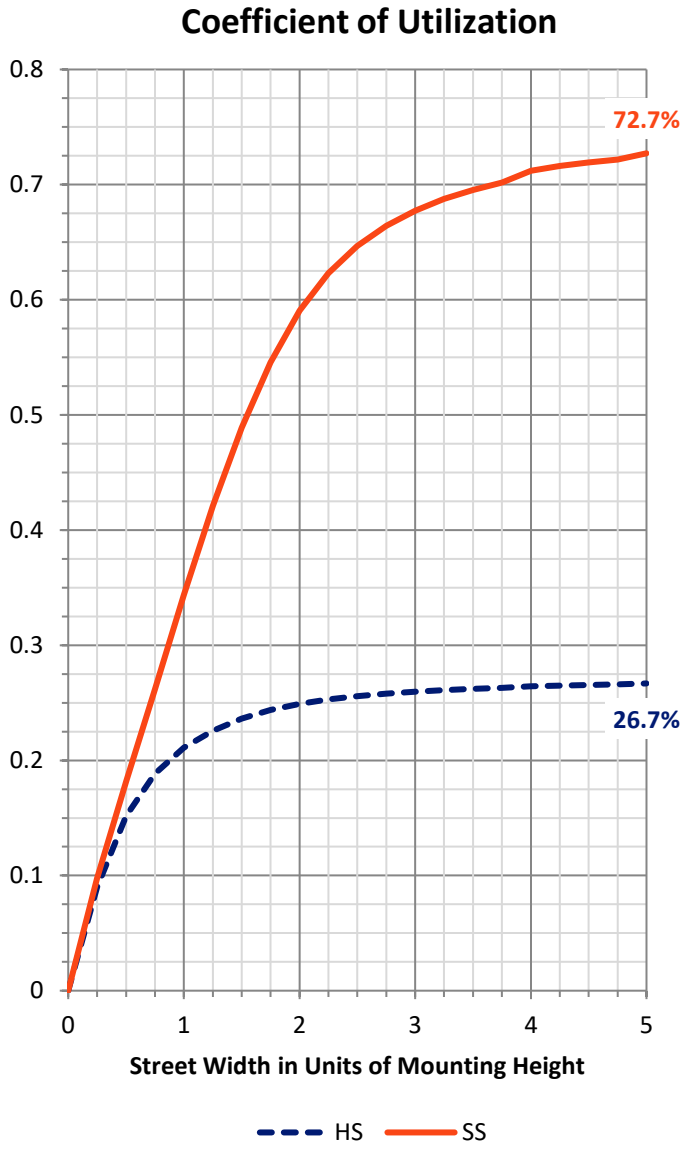
REPORT NUMBER: P1364967
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3197.4	0.0	3197.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	8687.8	0.0	8687.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	11885.2	0.0	11885.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.1	1.6
10°-20°	573.4	4.8
20°-30°	887.5	7.5
30°-40°	1101.1	9.3
40°-50°	1610.2	13.5
50°-60°	2522.1	21.2
60°-70°	2992.7	25.2
70°-80°	1745.5	14.7
80°-90°	265.5	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°	11885.2	100.0
0°-180°	11885.2	100.0



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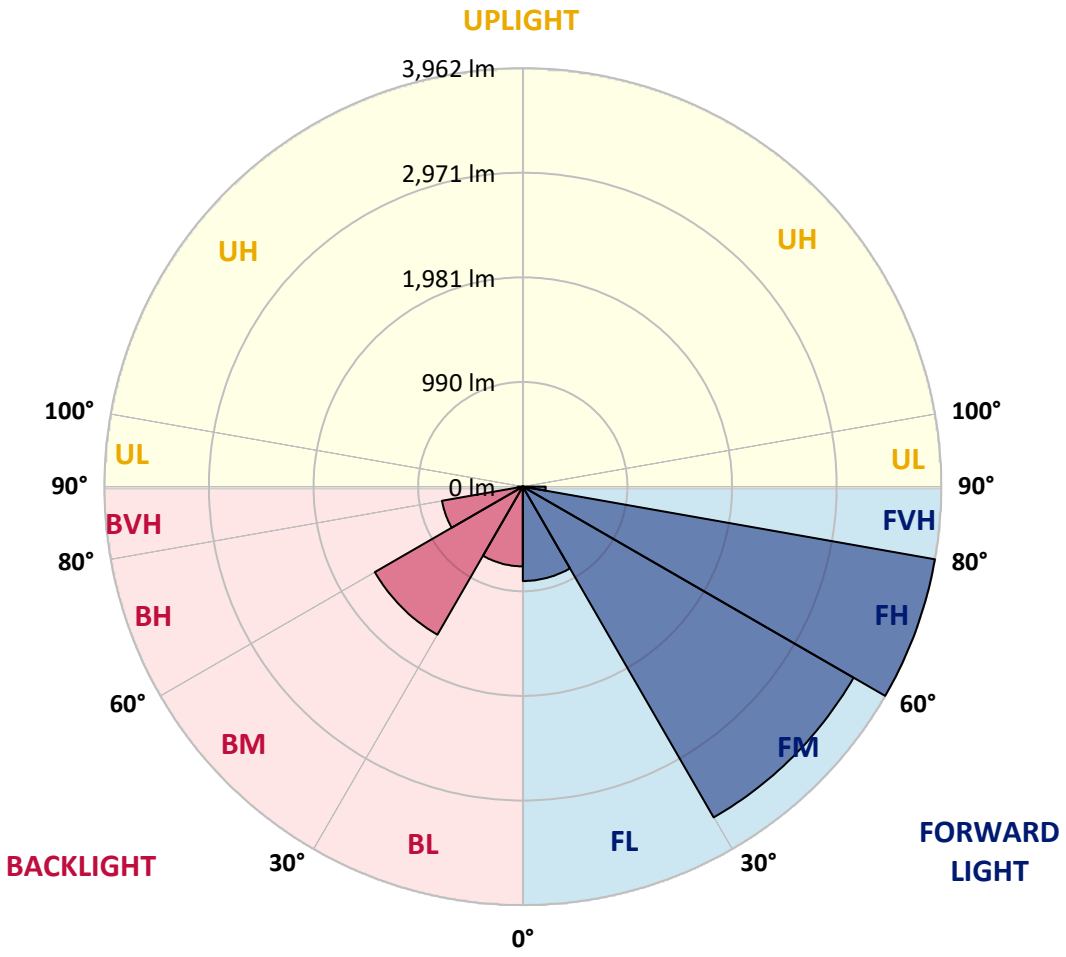
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	893.3	7.5			
FM	(30°-60°)	3615.7	30.4			
FH	(60°-80°)	3961.6	33.3			G2/5000
FVH	(80°-90°)	217.2	1.8			G2/225
BL	(0°-30°)	754.8	6.4	B2/1000		
BM	(30°-60°)	1617.7	13.6	B2/2500		
BH	(60°-80°)	776.5	6.5	B2/1000		G2/1000
BVH	(80°-90°)	48.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	*1895.1*	1895.1
2.5°	2047.7	2055.0	2062.2	2070.1	2078.2	2082.9	2087.5	2092.5	2097.1	*2101.5*	2097.1
5°	2187.2	2220.1	2252.6	2274.7	2296.8	2313.7	2330.5	2340.1	2350.0	*2351.5*	2350.0
7.5°	2328.2	2367.2	2406.1	2439.8	2473.5	2495.0	2516.6	2529.0	2541.8	*2546.2*	2541.8
10°	2416.9	2462.5	2508.4	2541.0	2573.8	2593.9	2613.6	2623.5	2633.4	*2636.3*	2633.4
12.5°	2461.9	2505.8	2549.7	2575.0	2600.0	2612.8	2625.3	2629.9	2634.0	*2630.5*	2634.0
15°	2483.7	2509.6	2535.2	2545.9	2556.4	2550.3	2543.9	2534.9	2525.9	*2520.0*	2525.9
17.5°	2489.5	2498.5	2507.8	2488.4	2469.2	2434.3	2399.4	2373.3	2347.1	*2328.2*	2347.1
20°	2508.4	2493.9	2479.3	2427.6	2376.2	2310.8	2245.4	2201.5	2157.3	*2130.6*	2157.3
22.5°	2528.8	2487.8	2446.8	2359.9	2273.0	2183.5	2094.2	2043.6	1993.4	*1964.9*	1993.4
25°	2560.7	2490.4	2419.8	2302.3	2185.2	2080.0	1975.0	1920.1	1865.5	*1834.1*	1865.5
27.5°	2607.2	2499.7	2392.1	2246.8	2101.5	1987.5	1873.3	1821.0	1768.7	*1741.1*	1768.7
30°	2672.6	2529.9	2386.9	2213.1	2039.0	1919.8	1800.7	1749.5	1698.0	*1668.4*	1698.0
32.5°	2752.6	2572.4	2392.1	2197.4	2002.7	1881.2	1760.0	1710.8	1662.0	*1636.4*	1662.0
35°	2887.7	2659.6	2431.4	2215.4	1999.8	1887.0	1774.5	1738.4	1702.7	*1688.7*	1702.7
37.5°	3059.2	2792.7	2525.9	2303.5	2081.1	2004.4	1927.7	1927.7	1927.7	*1938.7*	1927.7
40°	3312.1	3012.7	2713.3	2502.9	2292.7	2288.1	2284.0	2332.9	2382.0	*2403.8*	2382.0
42.5°	3666.7	3350.2	3033.9	2864.2	2694.4	2796.2	2897.9	3039.2	3180.4	*3272.9*	3180.4
45°	4107.1	3799.0	3490.8	3372.3	3254.0	3480.4	3706.5	3956.2	4205.9	*4383.2*	4205.9
47.5°	4528.5	4269.2	4009.7	3942.0	3874.5	4250.9	4627.3	4993.3	5359.2	*5574.9*	5359.2
50°	5016.8	4783.7	4550.3	4537.2	4524.2	5025.5	5526.9	5999.3	6471.6	*6734.6*	6471.6
52.5°	5643.2	5387.1	5130.8	5141.2	5151.1	5746.7	6342.2	6913.4	7484.5	*7781.0*	7484.5
55°	6391.7	6070.5	5749.3	5747.5	5745.8	6430.0	7114.8	7816.5	8518.7	*8914.6*	8518.7
57.5°	7154.6	6853.8	6553.0	6481.5	6409.7	7125.3	7840.6	8615.5	9390.7	*9806.9*	9390.7
60°	7727.2	7561.6	7395.9	7281.4	7167.1	7901.9	8637.0	9437.5	10237.7	*10652.8*	10237.7
62.5°	7490.4	7786.5	8082.7	8074.3	8065.9	8859.1	9652.3	10484.8	11317.8	*11690.4*	11317.8
65°	*6691.0*	*7163.4*	*7635.7*	*7960.6*	*8285.3*	*9244.2*	*10202.8*	*11070.1*	*11937.5*	*12318.3*	*11937.5*
67.5°	5941.1	6357.4	6773.9	7039.8	7305.8	8386.2	9466.9	10451.0	11435.2	*11827.0*	11435.2
70°	5223.2	5684.2	6145.2	6335.3	6525.4	7443.3	8360.9	9139.6	9918.0	*10071.4*	9918.0
72.5°	4483.5	5031.6	5580.1	5660.6	5741.2	6409.1	7077.0	7491.8	7906.6	*7571.7*	7906.6
75°	3671.1	4289.6	4907.8	4961.6	5015.4	5223.5	5431.9	5537.4	5643.2	*5452.8*	5643.2
77.5°	2441.6	2977.0	3512.6	3633.3	3753.9	3892.5	4031.5	4024.2	4016.9	*3749.5*	4016.9
80°	1433.0	1851.8	2270.7	2286.3	2302.0	2406.1	2509.9	2616.0	2722.0	*2552.0*	2722.0
82.5°	716.5	946.4	1176.6	1212.1	1247.5	1311.2	1374.8	1404.5	1434.4	*1290.5*	1434.4
85°	162.8	222.6	282.5	340.4	398.2	465.1	531.9	524.4	516.8	*436.0*	516.8
87.5°	13.1	13.4	14.0	14.2	14.5	14.8	15.1	16.0	16.9	*17.4*	16.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	2092.5	2087.5	2082.9	2078.2	2070.1	2062.2	2055.0	2047.7	2029.1	2010.8	1993.9
5°	2340.1	2330.5	2313.7	2296.8	2274.7	2252.6	2220.1	2187.2	2154.4	2121.8	2087.5
7.5°	2529.0	2516.6	2495.0	2473.5	2439.8	2406.1	2367.2	2328.2	2273.0	2217.8	2165.7
10°	2623.5	2613.6	2593.9	2573.8	2541.0	2508.4	2462.5	2416.9	2350.9	2284.6	2220.1
12.5°	2629.9	2625.3	2612.8	2600.0	2575.0	2549.7	2505.8	2461.9	2396.2	2330.5	2258.2
15°	2534.9	2543.9	2550.3	2556.4	2545.9	2535.2	2509.6	2483.7	2417.1	2350.9	2277.3
17.5°	2373.3	2399.4	2434.3	2469.2	2488.4	2507.8	2498.5	2489.5	2427.3	2365.4	2286.9
20°	2201.5	2245.4	2310.8	2376.2	2427.6	2479.3	2493.9	2508.4	2445.6	2382.8	2298.6
22.5°	2043.6	2094.2	2183.5	2273.0	2359.9	2446.8	2487.8	2528.8	2471.2	2413.9	2321.2
25°	1920.1	1975.0	2080.0	2185.2	2302.3	2419.8	2490.4	2560.7	2511.0	2461.3	2360.2
27.5°	1821.0	1873.3	1987.5	2101.5	2246.8	2392.1	2499.7	2607.2	2569.2	2531.1	2417.1
30°	1749.5	1800.7	1919.8	2039.0	2213.1	2386.9	2529.9	2672.6	2642.7	2613.1	2484.6
32.5°	1710.8	1760.0	1881.2	2002.7	2197.4	2392.1	2572.4	2752.6	2734.0	2715.4	2563.9
35°	1738.4	1774.5	1887.0	1999.8	2215.4	2431.4	2659.6	2887.7	2864.5	2841.2	2648.2
37.5°	1927.7	1927.7	2004.4	2081.1	2303.5	2525.9	2792.7	3059.2	3031.6	3004.0	2751.1
40°	2332.9	2284.0	2288.1	2292.7	2502.9	2713.3	3012.7	3312.1	3257.7	3203.1	2868.8
42.5°	3039.2	2897.9	2796.2	2694.4	2864.2	3033.9	3350.2	3666.7	3551.6	3436.2	2999.0
45°	3956.2	3706.5	3480.4	3254.0	3372.3	3490.8	3799.0	4107.1	3922.5	3737.9	3175.8
47.5°	4993.3	4627.3	4250.9	3874.5	3942.0	4009.7	4269.2	4528.5	4294.8	4061.1	3357.4
50°	5999.3	5526.9	5025.5	4524.2	4537.2	4550.3	4783.7	5016.8	4700.0	4383.2	3515.8
52.5°	6913.4	6342.2	5746.7	5151.1	5141.2	5130.8	5387.1	5643.2	5140.1	4636.6	3590.8
55°	7816.5	7114.8	6430.0	5745.8	5747.5	5749.3	6070.5	6391.7	5582.2	4772.7	3571.1
57.5°	8615.5	7840.6	7125.3	6409.7	6481.5	6553.0	6853.8	7154.6	5953.3	4752.3	3463.2
60°	9437.5	8637.0	7901.9	7167.1	7281.4	7395.9	7561.6	7727.2	6119.6	4511.7	3204.8
62.5°	10484.8	9652.3	8859.1	8065.9	8074.3	8082.7	7786.5	7490.4	5750.7	4011.1	2781.3
65°	*11070.1*	*10202.8*	*9244.2*	*8285.3*	*7960.6*	*7635.7*	*7163.4*	*6691.0*	*4960.1*	*3229.3*	*2181.7*
67.5°	10451.0	9466.9	8386.2	7305.8	7039.8	6773.9	6357.4	5941.1	4259.9	2578.8	1697.8
70°	9139.6	8360.9	7443.3	6525.4	6335.3	6145.2	5684.2	5223.2	3619.0	2014.9	1301.0
72.5°	7491.8	7077.0	6409.1	5741.2	5660.6	5580.1	5031.6	4483.5	3005.2	1526.6	978.1
75°	5537.4	5431.9	5223.5	5015.4	4961.6	4907.8	4289.6	3671.1	2399.4	1127.8	724.9
77.5°	4024.2	4031.5	3892.5	3753.9	3633.3	3512.6	2977.0	2441.6	1574.2	706.9	468.5
80°	2616.0	2509.9	2406.1	2302.0	2286.3	2270.7	1851.8	1433.0	902.5	372.0	259.0
82.5°	1404.5	1374.8	1311.2	1247.5	1212.1	1176.6	946.4	716.5	452.3	188.3	139.2
85°	524.4	531.9	465.1	398.2	340.4	282.5	222.6	162.8	107.5	52.3	44.2
87.5°	16.0	15.1	14.8	14.5	14.2	14.0	13.4	13.1	12.8	12.2	11.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	1977.1	1960.2	1943.1	1926.8	1910.2	1893.7	1879.1	1863.4	1848.0	1835.8	1823.9
5°	2053.5	2020.1	1986.7	1955.0	1923.6	1890.8	1862.6	1834.7	1807.3	1784.7	1762.0
7.5°	2113.7	2067.2	2020.7	1979.1	1937.3	1893.7	1859.7	1825.6	1791.9	1762.6	1732.9
10°	2155.3	2098.0	2040.4	1992.5	1944.5	1898.0	1861.7	1825.9	1790.5	1760.2	1730.0
12.5°	2185.8	2121.5	2057.3	2004.4	1951.8	1900.9	1865.5	1835.8	1806.5	1785.2	1764.3
15°	2203.8	2134.6	2065.2	2005.6	1946.0	1889.3	1857.9	1838.7	1819.5	1817.8	1816.1
17.5°	2208.4	2129.4	2050.6	1981.2	1912.0	1845.7	1819.0	1816.3	1813.7	1842.5	1871.3
20°	2214.3	2121.5	2028.8	1937.6	1846.3	1758.5	1741.6	1758.2	1774.5	1830.9	1887.0
22.5°	2228.8	2115.4	2002.1	1887.6	1773.0	1668.4	1652.4	1676.8	1701.0	1774.5	1848.0
25°	2259.0	2114.9	1970.7	1828.0	1685.3	1565.2	1563.8	1590.2	1616.7	1684.7	1752.7
27.5°	2303.5	2120.4	1937.3	1766.9	1596.3	1473.7	1480.9	1506.2	1531.8	1582.4	1632.9
30°	2355.8	2132.3	1909.1	1713.7	1518.7	1399.5	1407.4	1427.1	1446.9	1483.5	1520.2
32.5°	2412.5	2145.7	1879.1	1667.2	1455.6	1345.8	1345.8	1354.2	1362.6	1386.5	1410.3
35°	2455.5	2142.5	1829.7	1614.3	1398.7	1313.8	1295.8	1288.8	1281.8	1297.5	1313.2
37.5°	2498.2	2133.5	1768.7	1555.6	1342.9	1276.0	1241.7	1223.1	1203.9	1211.5	1218.5
40°	2534.6	2113.1	1691.7	1485.6	1279.5	1226.6	1183.6	1155.7	1127.8	1127.2	1126.3
42.5°	2561.3	2077.9	1594.3	1402.2	1209.7	1172.8	1119.6	1084.2	1048.7	1044.9	1041.2
45°	2613.6	2053.8	1494.0	1317.3	1140.8	1107.4	1054.5	1017.9	981.9	976.0	970.2
47.5°	2653.7	2025.6	1397.5	1233.0	1069.1	1030.4	981.0	949.9	918.5	915.0	911.2
50°	2648.5	1977.7	1306.5	1158.0	1009.2	956.3	907.4	881.9	856.0	860.4	864.7
52.5°	2544.7	1879.4	1214.4	1090.6	967.3	899.6	847.3	828.1	808.6	822.3	835.7
55°	2369.5	1749.2	1128.3	1034.2	939.4	872.0	810.4	788.9	767.3	786.5	805.7
57.5°	2174.2	1612.9	1051.6	986.5	921.4	864.7	789.1	758.9	729.0	748.2	767.3
60°	1898.0	1440.5	983.0	937.4	891.8	847.3	771.7	733.9	696.1	708.9	721.4
62.5°	1551.6	1221.9	892.3	866.8	841.5	822.6	750.5	701.1	651.7	653.4	654.6
65°	*1134.2*	*960.3*	*786.2*	*780.7*	*775.5*	*770.3*	*710.7*	*657.5*	*604.6*	*598.8*	*593.0*
67.5°	816.8	734.2	651.7	667.1	682.5	690.3	649.6	602.8	555.7	543.8	531.9
70°	587.1	558.1	529.0	552.0	574.9	572.6	552.8	524.9	497.0	489.5	481.9
72.5°	429.6	429.0	428.7	446.2	463.6	440.4	452.9	446.5	440.4	434.8	429.6
75°	322.1	320.0	318.3	338.9	359.8	369.1	377.3	373.8	370.6	366.5	362.7
77.5°	230.2	231.9	233.1	255.8	278.5	305.2	306.6	299.1	291.2	287.2	282.5
80°	145.9	147.7	148.8	172.7	196.2	234.0	232.5	223.2	213.6	210.4	207.0
82.5°	90.1	90.4	90.7	102.3	113.9	135.2	141.0	141.0	141.0	138.9	136.6
85°	36.3	38.1	40.1	47.7	55.2	66.9	70.3	70.9	71.2	68.0	64.5
87.5°	11.6	12.2	13.1	14.5	16.0	17.4	20.3	22.1	23.8	25.6	26.7
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: P1364967
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	1813.4	1802.7	1790.2	1777.4	1768.4	1759.1	1753.0	1746.9	1744.0	1741.1	1738.7
5°	1743.4	1724.2	1707.3	1690.2	1676.8	1663.2	1652.1	1640.8	1636.1	1631.2	1628.0
7.5°	1707.9	1682.9	1662.0	1640.8	1620.7	1601.0	1588.2	1575.4	1567.8	1560.3	1554.8
10°	1703.6	1677.1	1649.5	1621.9	1599.8	1577.7	1558.5	1539.9	1529.2	1518.7	1512.9
12.5°	1739.9	1715.5	1682.6	1649.5	1619.6	1589.9	1566.4	1542.8	1529.5	1516.7	1508.0
15°	1807.6	1799.2	1768.7	1738.2	1696.9	1655.3	1621.6	1587.6	1569.0	1549.8	1539.1
17.5°	1887.8	1904.4	1883.2	1861.7	1803.6	1745.4	1695.1	1645.1	1617.8	1590.5	1580.9
20°	1931.7	1976.5	1974.2	1972.1	1896.3	1820.1	1754.1	1688.2	1651.5	1615.5	1601.0
22.5°	1912.6	1977.1	1993.6	2009.9	1935.5	1860.8	1779.4	1698.0	1655.0	1611.7	1598.1
25°	1822.2	1891.6	1922.4	1953.2	1891.9	1830.6	1751.5	1672.8	1627.4	1581.8	1567.8
27.5°	1688.7	1744.6	1779.1	1813.7	1776.2	1738.7	1674.8	1610.8	1570.7	1530.3	1515.5
30°	1557.9	1595.7	1623.3	1651.0	1626.3	1601.5	1555.6	1510.0	1480.1	1450.4	1441.1
32.5°	1438.5	1466.4	1481.8	1496.9	1477.7	1458.5	1428.3	1398.1	1379.5	1360.9	1354.8
35°	1335.9	1358.8	1370.5	1382.1	1366.1	1350.1	1323.1	1296.4	1283.0	1269.6	1264.7
37.5°	1237.9	1257.1	1273.7	1290.5	1278.9	1267.3	1244.3	1221.4	1205.7	1189.4	1180.7
40°	1144.9	1163.2	1184.2	1204.8	1202.8	1200.4	1178.6	1156.8	1134.2	1111.8	1099.9
42.5°	1059.5	1077.8	1099.9	1122.0	1126.3	1130.7	1112.7	1094.3	1068.2	1042.0	1023.7
45°	985.9	1002.2	1026.3	1050.7	1060.9	1071.1	1054.8	1038.2	1008.9	979.5	957.7
47.5°	927.8	944.7	971.4	998.4	1009.2	1020.2	1009.2	998.4	973.1	947.6	928.4
50°	883.0	901.1	922.0	943.2	963.3	983.0	981.0	978.9	958.9	938.8	920.8
52.5°	852.2	869.1	890.9	912.7	933.6	954.8	958.0	961.5	947.0	932.4	916.7
55°	825.8	845.8	866.2	886.5	906.3	925.8	930.1	934.5	924.0	913.3	901.6
57.5°	789.1	810.9	831.3	851.6	874.6	897.6	901.1	904.5	893.5	882.2	873.4
60°	743.8	765.9	787.1	808.0	831.3	854.5	859.2	863.8	855.1	846.4	838.3
62.5°	679.9	704.9	722.3	739.7	761.8	784.2	790.9	797.9	793.8	790.0	780.7
65°	*616.8*	*640.9*	*654.6*	*668.5*	*687.7*	*706.9*	*713.6*	*720.3*	*718.2*	*716.5*	*709.8*
67.5°	554.0	576.1	587.4	598.8	611.8	624.9	632.5	640.0	636.3	632.2	625.2
70°	499.9	518.0	527.8	537.7	548.2	558.7	562.7	566.8	561.0	555.2	539.5
72.5°	443.3	456.9	465.3	473.8	483.7	493.5	495.9	498.5	489.5	480.2	461.9
75°	373.2	383.7	390.1	396.8	406.9	417.1	421.5	425.8	413.0	400.5	381.1
77.5°	292.1	301.7	307.8	313.9	322.3	330.8	331.9	333.7	322.6	311.6	300.0
80°	213.9	220.9	223.2	225.3	232.2	238.9	238.9	238.9	230.8	222.4	216.5
82.5°	135.2	133.7	130.8	127.9	134.9	141.8	144.2	146.8	143.0	139.5	133.1
85°	60.5	55.8	54.9	53.8	53.5	52.9	54.9	56.7	55.8	55.2	52.9
87.5°	28.5	29.6	28.8	27.6	26.5	25.6	23.3	20.9	19.2	17.4	16.3
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	1736.7	1735.3	1736.7	1738.7	1741.1	1744.0	1746.9	1753.0	1759.1	1768.4	1777.4
5°	1624.8	1621.9	1624.8	1628.0	1631.2	1636.1	1640.8	1652.1	1663.2	1676.8	1690.2
7.5°	1549.2	1546.3	1549.2	1554.8	1560.3	1567.8	1575.4	1588.2	1601.0	1620.7	1640.8
10°	1507.1	1502.7	1507.1	1512.9	1518.7	1529.2	1539.9	1558.5	1577.7	1599.8	1621.9
12.5°	1499.2	1494.0	1499.2	1508.0	1516.7	1529.5	1542.8	1566.4	1589.9	1619.6	1649.5
15°	1528.3	1520.2	1528.3	1539.1	1549.8	1569.0	1587.6	1621.6	1655.3	1696.9	1738.2
17.5°	1571.0	1566.7	1571.0	1580.9	1590.5	1617.8	1645.1	1695.1	1745.4	1803.6	1861.7
20°	1586.4	1581.2	1586.4	1601.0	1615.5	1651.5	1688.2	1754.1	1820.1	1896.3	1972.1
22.5°	1584.1	1578.3	1584.1	1598.1	1611.7	1655.0	1698.0	1779.4	1860.8	1935.5	2009.9
25°	1553.6	1549.2	1553.6	1567.8	1581.8	1627.4	1672.8	1751.5	1830.6	1891.9	1953.2
27.5°	1500.4	1491.1	1500.4	1515.5	1530.3	1570.7	1610.8	1674.8	1738.7	1776.2	1813.7
30°	1431.5	1427.1	1431.5	1441.1	1450.4	1480.1	1510.0	1555.6	1601.5	1626.3	1651.0
32.5°	1348.7	1345.8	1348.7	1354.8	1360.9	1379.5	1398.1	1428.3	1458.5	1477.7	1496.9
35°	1260.0	1255.7	1260.0	1264.7	1269.6	1283.0	1296.4	1323.1	1350.1	1366.1	1382.1
37.5°	1171.9	1165.6	1171.9	1180.7	1189.4	1205.7	1221.4	1244.3	1267.3	1278.9	1290.5
40°	1087.7	1081.3	1087.7	1099.9	1111.8	1134.2	1156.8	1178.6	1200.4	1202.8	1204.8
42.5°	1005.7	994.1	1005.7	1023.7	1042.0	1068.2	1094.3	1112.7	1130.7	1126.3	1122.0
45°	935.9	921.4	935.9	957.7	979.5	1008.9	1038.2	1054.8	1071.1	1060.9	1050.7
47.5°	909.2	895.2	909.2	928.4	947.6	973.1	998.4	1009.2	1020.2	1009.2	998.4
50°	902.5	889.4	902.5	920.8	938.8	958.9	978.9	981.0	983.0	963.3	943.2
52.5°	901.1	889.4	901.1	916.7	932.4	947.0	961.5	958.0	954.8	933.6	912.7
55°	890.0	880.7	890.0	901.6	913.3	924.0	934.5	930.1	925.8	906.3	886.5
57.5°	864.7	860.4	864.7	873.4	882.2	893.5	904.5	901.1	897.6	874.6	851.6
60°	829.8	822.6	829.8	838.3	846.4	855.1	863.8	859.2	854.5	831.3	808.0
62.5°	771.7	761.5	771.7	780.7	790.0	793.8	797.9	790.9	784.2	761.8	739.7
65°	*703.4*	*691.8*	*703.4*	*709.8*	*716.5*	*718.2*	*720.3*	*713.6*	*706.9*	*687.7*	*668.5*
67.5°	618.5	616.2	618.5	625.2	632.2	636.3	640.0	632.5	624.9	611.8	598.8
70°	523.8	505.8	523.8	539.5	555.2	561.0	566.8	562.7	558.7	548.2	537.7
72.5°	443.3	424.4	443.3	461.9	480.2	489.5	498.5	495.9	493.5	483.7	473.8
75°	361.9	348.8	361.9	381.1	400.5	413.0	425.8	421.5	417.1	406.9	396.8
77.5°	288.3	281.9	288.3	300.0	311.6	322.6	333.7	331.9	330.8	322.3	313.9
80°	210.7	206.4	210.7	216.5	222.4	230.8	238.9	238.9	238.9	232.2	225.3
82.5°	126.4	122.1	126.4	133.1	139.5	143.0	146.8	144.2	141.8	134.9	127.9
85°	50.9	49.4	50.9	52.9	55.2	55.8	56.7	54.9	52.9	53.5	53.8
87.5°	15.1	14.5	15.1	16.3	17.4	19.2	20.9	23.3	25.6	26.5	27.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	1790.2	1802.7	1813.4	1823.9	1835.8	1848.0	1863.4	1879.1	1893.7	1910.2	1926.8
5°	1707.3	1724.2	1743.4	1762.0	1784.7	1807.3	1834.7	1862.6	1890.8	1923.6	1955.0
7.5°	1662.0	1682.9	1707.9	1732.9	1762.6	1791.9	1825.6	1859.7	1893.7	1937.3	1979.1
10°	1649.5	1677.1	1703.6	1730.0	1760.2	1790.5	1825.9	1861.7	1898.0	1944.5	1992.5
12.5°	1682.6	1715.5	1739.9	1764.3	1785.2	1806.5	1835.8	1865.5	1900.9	1951.8	2004.4
15°	1768.7	1799.2	1807.6	1816.1	1817.8	1819.5	1838.7	1857.9	1889.3	1946.0	2005.6
17.5°	1883.2	1904.4	1887.8	1871.3	1842.5	1813.7	1816.3	1819.0	1845.7	1912.0	1981.2
20°	1974.2	1976.5	1931.7	1887.0	1830.9	1774.5	1758.2	1741.6	1758.5	1846.3	1937.6
22.5°	1993.6	1977.1	1912.6	1848.0	1774.5	1701.0	1676.8	1652.4	1668.4	1773.0	1887.6
25°	1922.4	1891.6	1822.2	1752.7	1684.7	1616.7	1590.2	1563.8	1565.2	1685.3	1828.0
27.5°	1779.1	1744.6	1688.7	1632.9	1582.4	1531.8	1506.2	1480.9	1473.7	1596.3	1766.9
30°	1623.3	1595.7	1557.9	1520.2	1483.5	1446.9	1427.1	1407.4	1399.5	1518.7	1713.7
32.5°	1481.8	1466.4	1438.5	1410.3	1386.5	1362.6	1354.2	1345.8	1345.8	1455.6	1667.2
35°	1370.5	1358.8	1335.9	1313.2	1297.5	1281.8	1288.8	1295.8	1313.8	1398.7	1614.3
37.5°	1273.7	1257.1	1237.9	1218.5	1211.5	1203.9	1223.1	1241.7	1276.0	1342.9	1555.6
40°	1184.2	1163.2	1144.9	1126.3	1127.2	1127.8	1155.7	1183.6	1226.6	1279.5	1485.6
42.5°	1099.9	1077.8	1059.5	1041.2	1044.9	1048.7	1084.2	1119.6	1172.8	1209.7	1402.2
45°	1026.3	1002.2	985.9	970.2	976.0	981.9	1017.9	1054.5	1107.4	1140.8	1317.3
47.5°	971.4	944.7	927.8	911.2	915.0	918.5	949.9	981.0	1030.4	1069.1	1233.0
50°	922.0	901.1	883.0	864.7	860.4	856.0	881.9	907.4	956.3	1009.2	1158.0
52.5°	890.9	869.1	852.2	835.7	822.3	808.6	828.1	847.3	899.6	967.3	1090.6
55°	866.2	845.8	825.8	805.7	786.5	767.3	788.9	810.4	872.0	939.4	1034.2
57.5°	831.3	810.9	789.1	767.3	748.2	729.0	758.9	789.1	864.7	921.4	986.5
60°	787.1	765.9	743.8	721.4	708.9	696.1	733.9	771.7	847.3	891.8	937.4
62.5°	722.3	704.9	679.9	654.6	653.4	651.7	701.1	750.5	822.6	841.5	866.8
65°	*654.6*	*640.9*	*616.8*	*593.0*	*598.8*	*604.6*	*657.5*	*710.7*	*770.3*	*775.5*	*780.7*
67.5°	587.4	576.1	554.0	531.9	543.8	555.7	602.8	649.6	690.3	682.5	667.1
70°	527.8	518.0	499.9	481.9	489.5	497.0	524.9	552.8	572.6	574.9	552.0
72.5°	465.3	456.9	443.3	429.6	434.8	440.4	446.5	452.9	440.4	463.6	446.2
75°	390.1	383.7	373.2	362.7	366.5	370.6	373.8	377.3	369.1	359.8	338.9
77.5°	307.8	301.7	292.1	282.5	287.2	291.2	299.1	306.6	305.2	278.5	255.8
80°	223.2	220.9	213.9	207.0	210.4	213.6	223.2	232.5	234.0	196.2	172.7
82.5°	130.8	133.7	135.2	136.6	138.9	141.0	141.0	141.0	135.2	113.9	102.3
85°	54.9	55.8	60.5	64.5	68.0	71.2	70.9	70.3	66.9	55.2	47.7
87.5°	28.8	29.6	28.5	26.7	25.6	23.8	22.1	20.3	17.4	16.0	14.5
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1	1895.1
2.5°	1943.1	1960.2	1977.1	1993.9	2010.8	2029.1	2047.7
5°	1986.7	2020.1	2053.5	2087.5	2121.8	2154.4	2187.2
7.5°	2020.7	2067.2	2113.7	2165.7	2217.8	2273.0	2328.2
10°	2040.4	2098.0	2155.3	2220.1	2284.6	2350.9	2416.9
12.5°	2057.3	2121.5	2185.8	2258.2	2330.5	2396.2	2461.9
15°	2065.2	2134.6	2203.8	2277.3	2350.9	2417.1	2483.7
17.5°	2050.6	2129.4	2208.4	2286.9	2365.4	2427.3	2489.5
20°	2028.8	2121.5	2214.3	2298.6	2382.8	2445.6	2508.4
22.5°	2002.1	2115.4	2228.8	2321.2	2413.9	2471.2	2528.8
25°	1970.7	2114.9	2259.0	2360.2	2461.3	2511.0	2560.7
27.5°	1937.3	2120.4	2303.5	2417.1	2531.1	2569.2	2607.2
30°	1909.1	2132.3	2355.8	2484.6	2613.1	2642.7	2672.6
32.5°	1879.1	2145.7	2412.5	2563.9	2715.4	2734.0	2752.6
35°	1829.7	2142.5	2455.5	2648.2	2841.2	2864.5	2887.7
37.5°	1768.7	2133.5	2498.2	2751.1	3004.0	3031.6	3059.2
40°	1691.7	2113.1	2534.6	2868.8	3203.1	3257.7	3312.1
42.5°	1594.3	2077.9	2561.3	2999.0	3436.2	3551.6	3666.7
45°	1494.0	2053.8	2613.6	3175.8	3737.9	3922.5	4107.1
47.5°	1397.5	2025.6	2653.7	3357.4	4061.1	4294.8	4528.5
50°	1306.5	1977.7	2648.5	3515.8	4383.2	4700.0	5016.8
52.5°	1214.4	1879.4	2544.7	3590.8	4636.6	5140.1	5643.2
55°	1128.3	1749.2	2369.5	3571.1	4772.7	5582.2	6391.7
57.5°	1051.6	1612.9	2174.2	3463.2	4752.3	5953.3	7154.6
60°	983.0	1440.5	1898.0	3204.8	4511.7	6119.6	7727.2
62.5°	892.3	1221.9	1551.6	2781.3	4011.1	5750.7	7490.4
65°	*786.2*	*960.3*	*1134.2*	*2181.7*	*3229.3*	*4960.1*	*6691.0*
67.5°	651.7	734.2	816.8	1697.8	2578.8	4259.9	5941.1
70°	529.0	558.1	587.1	1301.0	2014.9	3619.0	5223.2
72.5°	428.7	429.0	429.6	978.1	1526.6	3005.2	4483.5
75°	318.3	320.0	322.1	724.9	1127.8	2399.4	3671.1
77.5°	233.1	231.9	230.2	468.5	706.9	1574.2	2441.6
80°	148.8	147.7	145.9	259.0	372.0	902.5	1433.0
82.5°	90.7	90.4	90.1	139.2	188.3	452.3	716.5
85°	40.1	38.1	36.3	44.2	52.3	107.5	162.8
87.5°	13.1	12.2	11.6	11.9	12.2	12.8	13.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

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

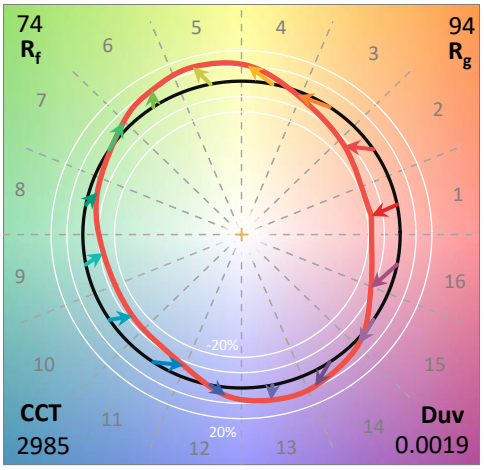
Test Information

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



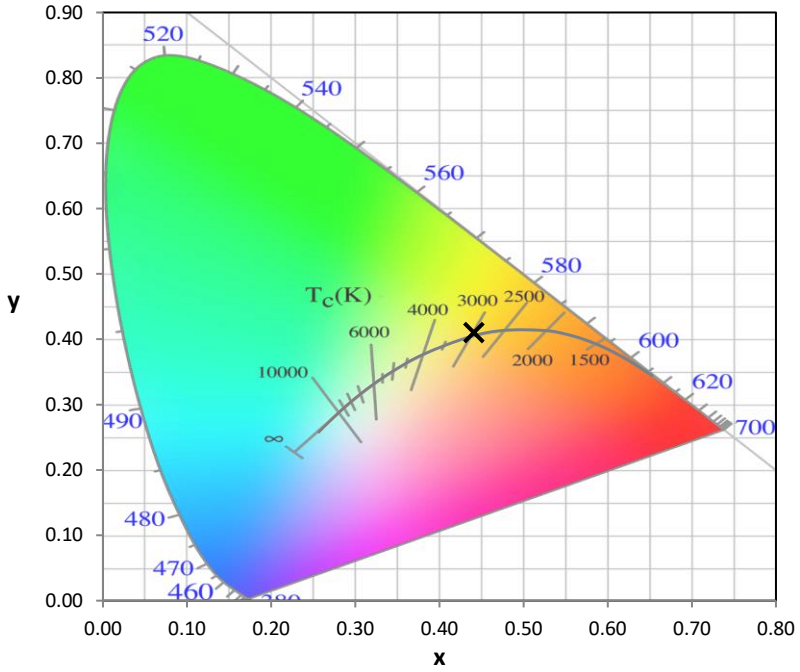
Test Conditions

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

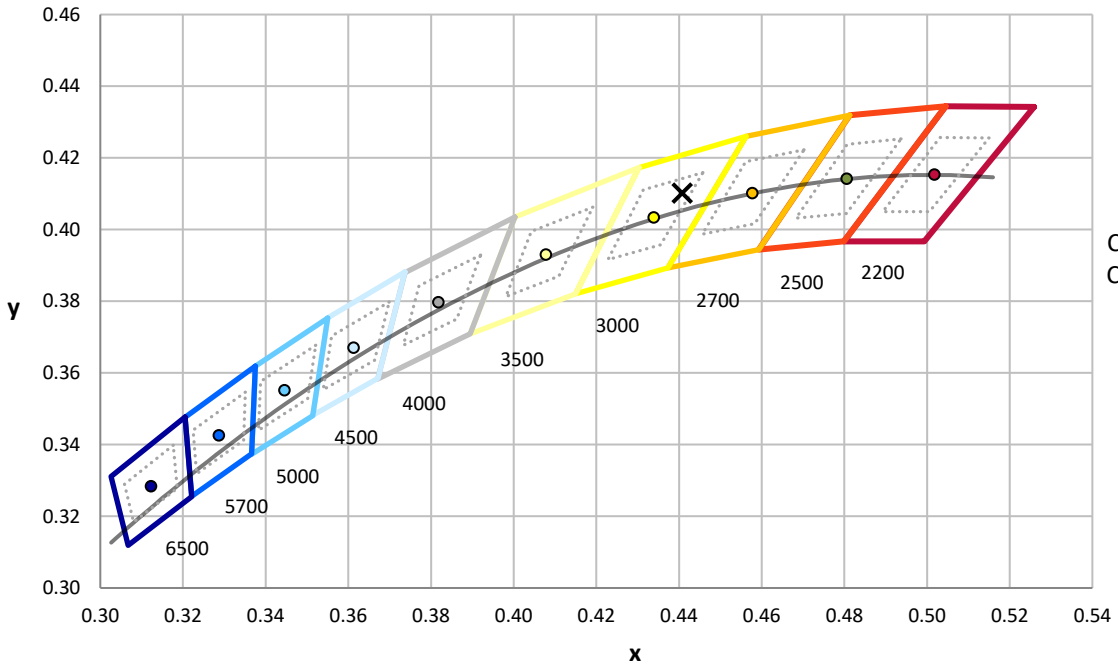
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

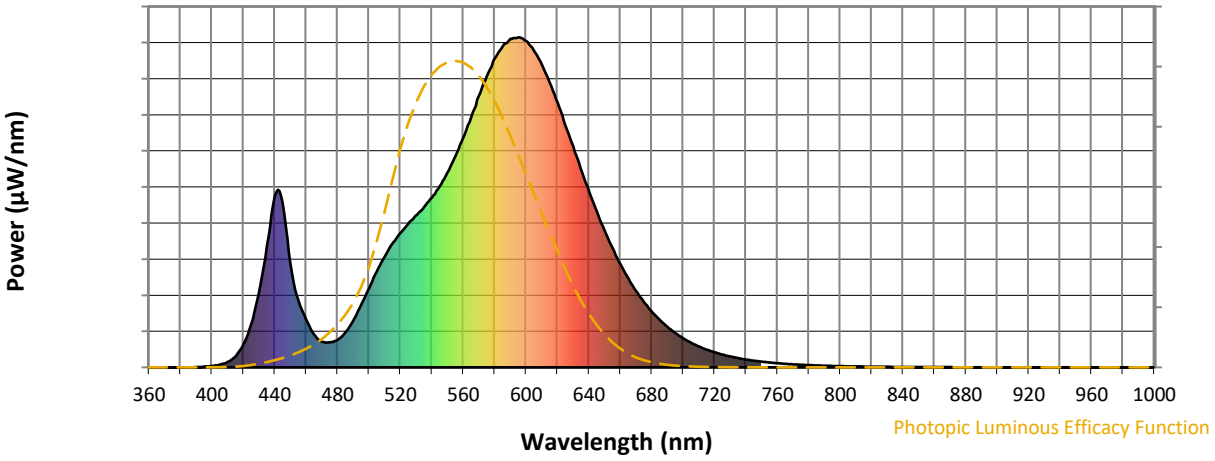


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

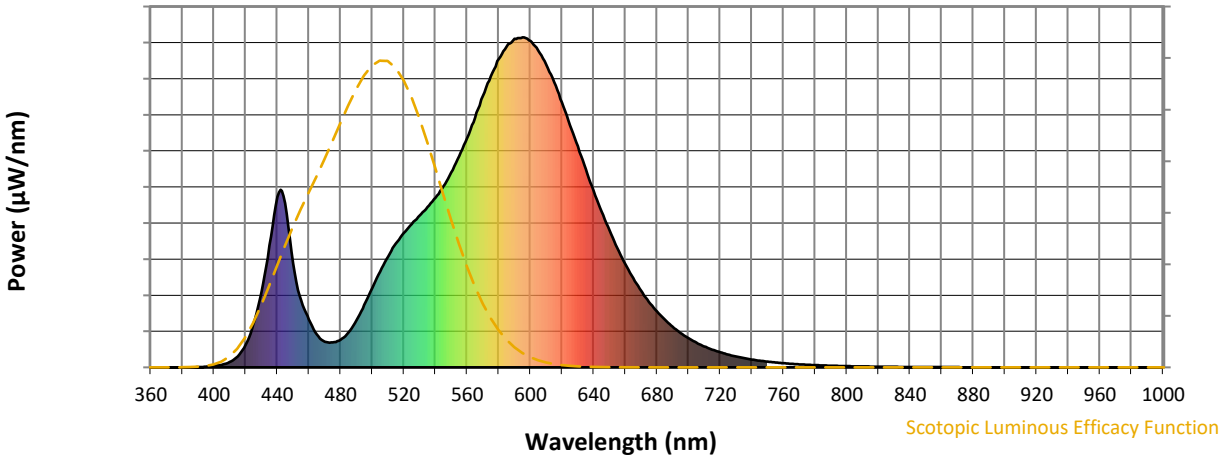


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

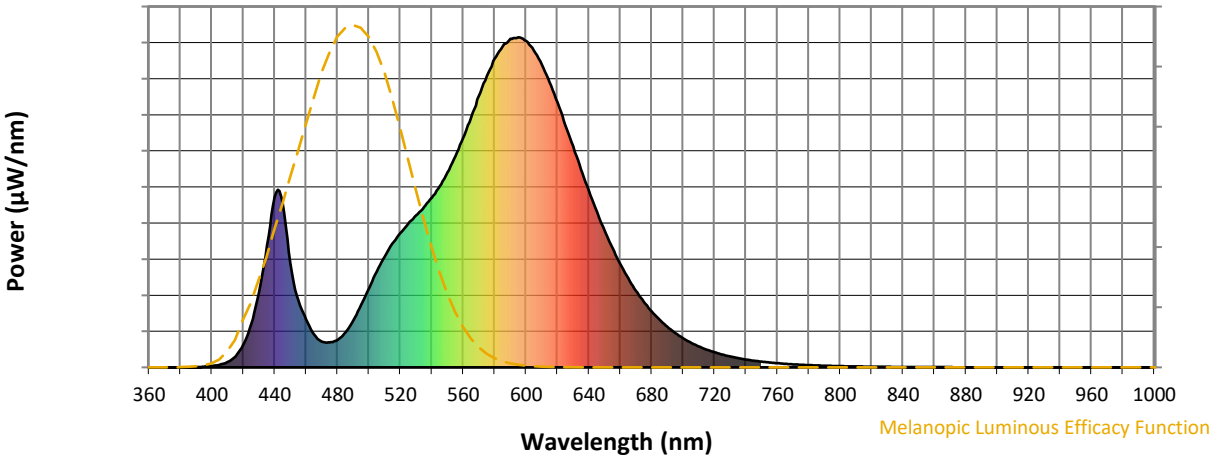


Scotopic Lumens: NR **S/P: 1.19**

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			

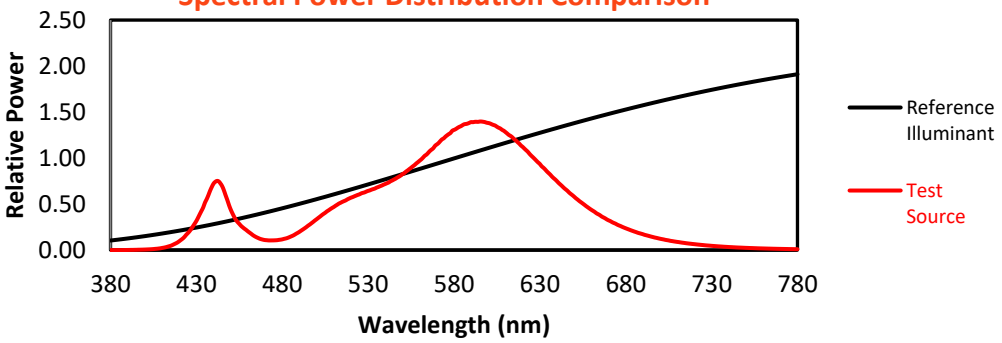
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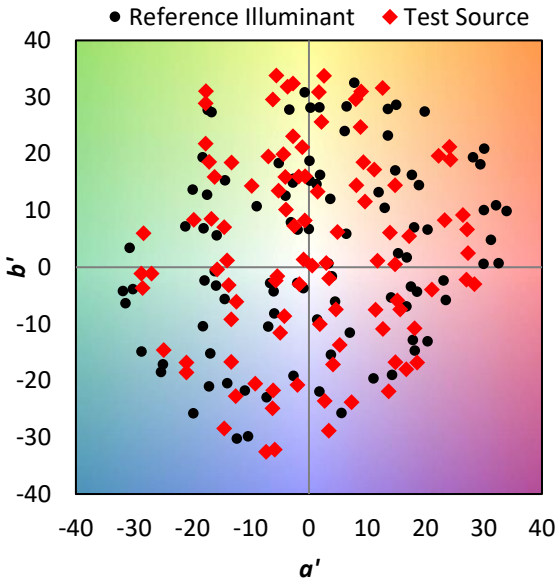
Summary

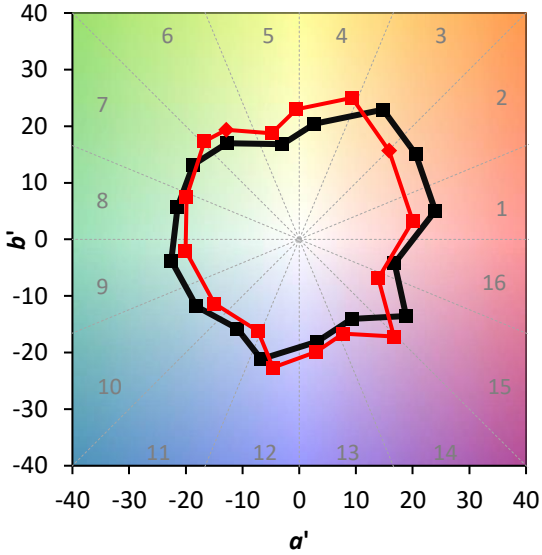
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

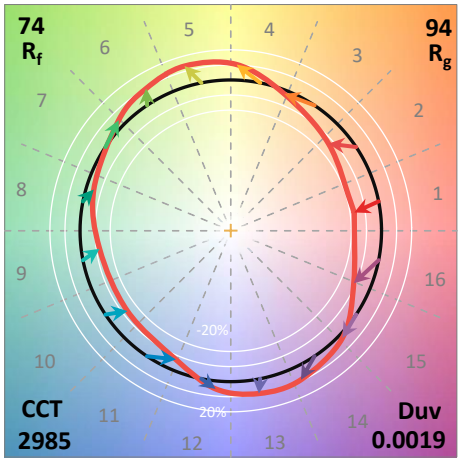
Spectral Power Distribution Comparison

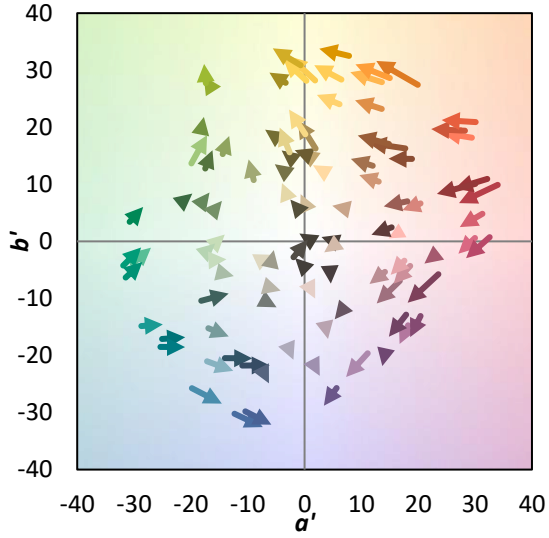


Color Vector Graphics







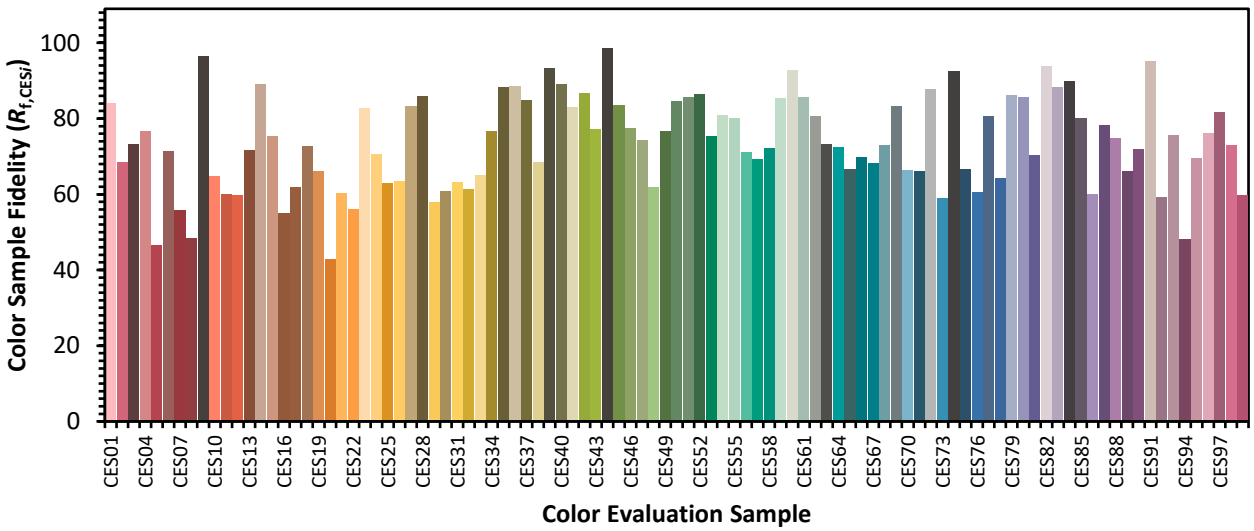


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Individual Sample Fidelity Index ($R_{f,i}$)

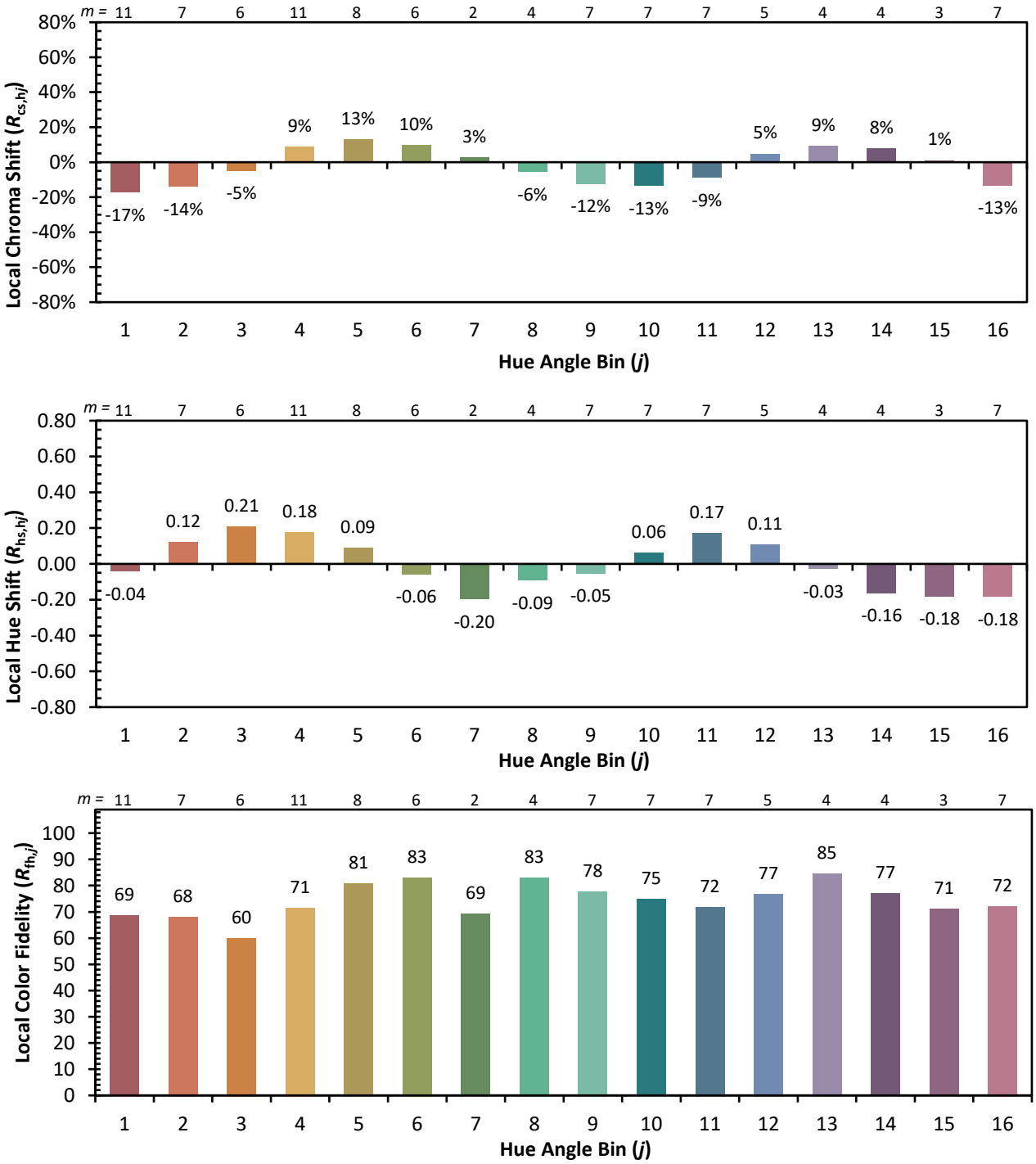
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 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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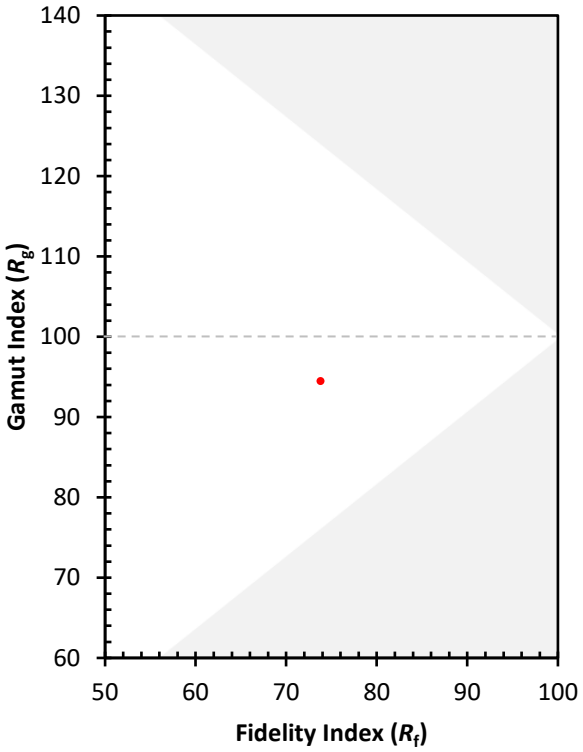
Color Rendition by Hue-Angle Bin

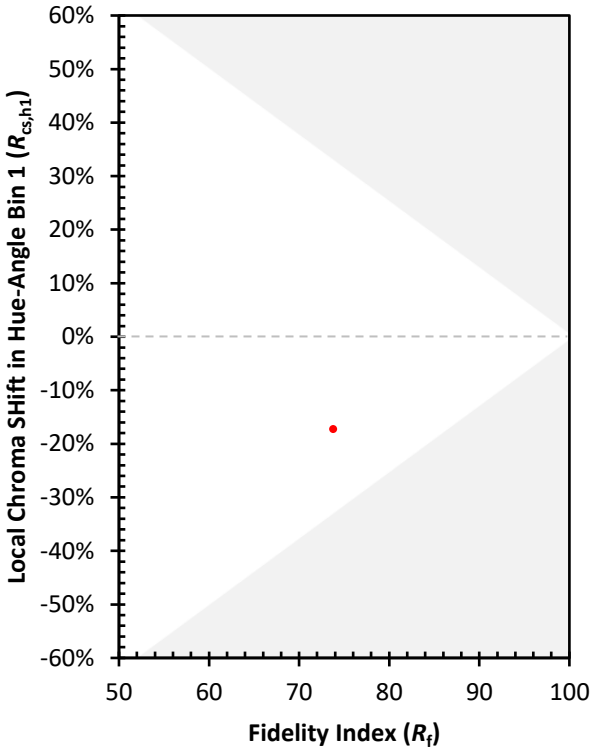


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Measure Comparisons





(END OF REPORT)