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: P1364920

Luminaire Tested: **GSS-SB3B-722-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364920
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-722-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12375 lumens
Efficiency:	N/A
Efficacy:	113.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

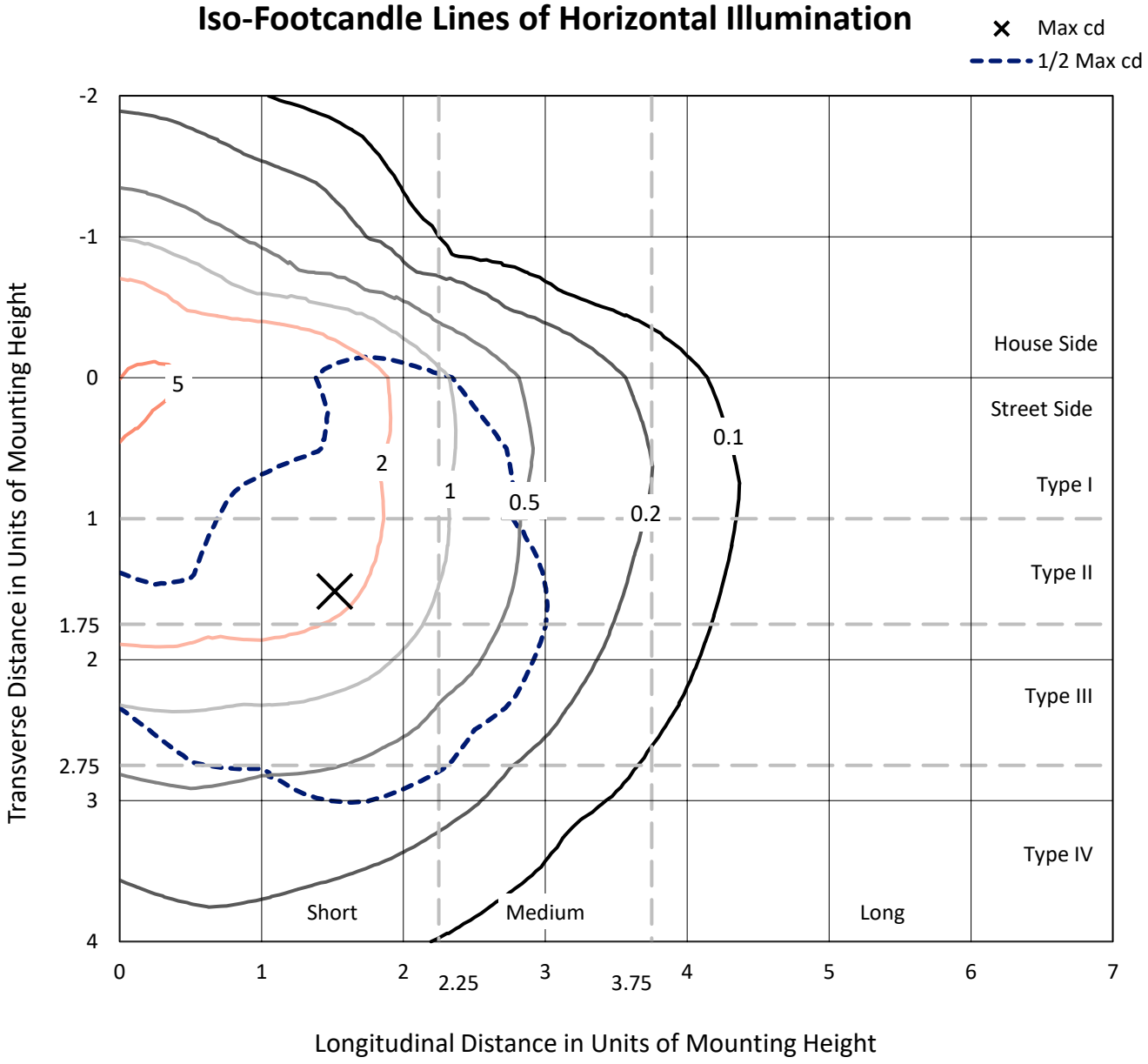
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



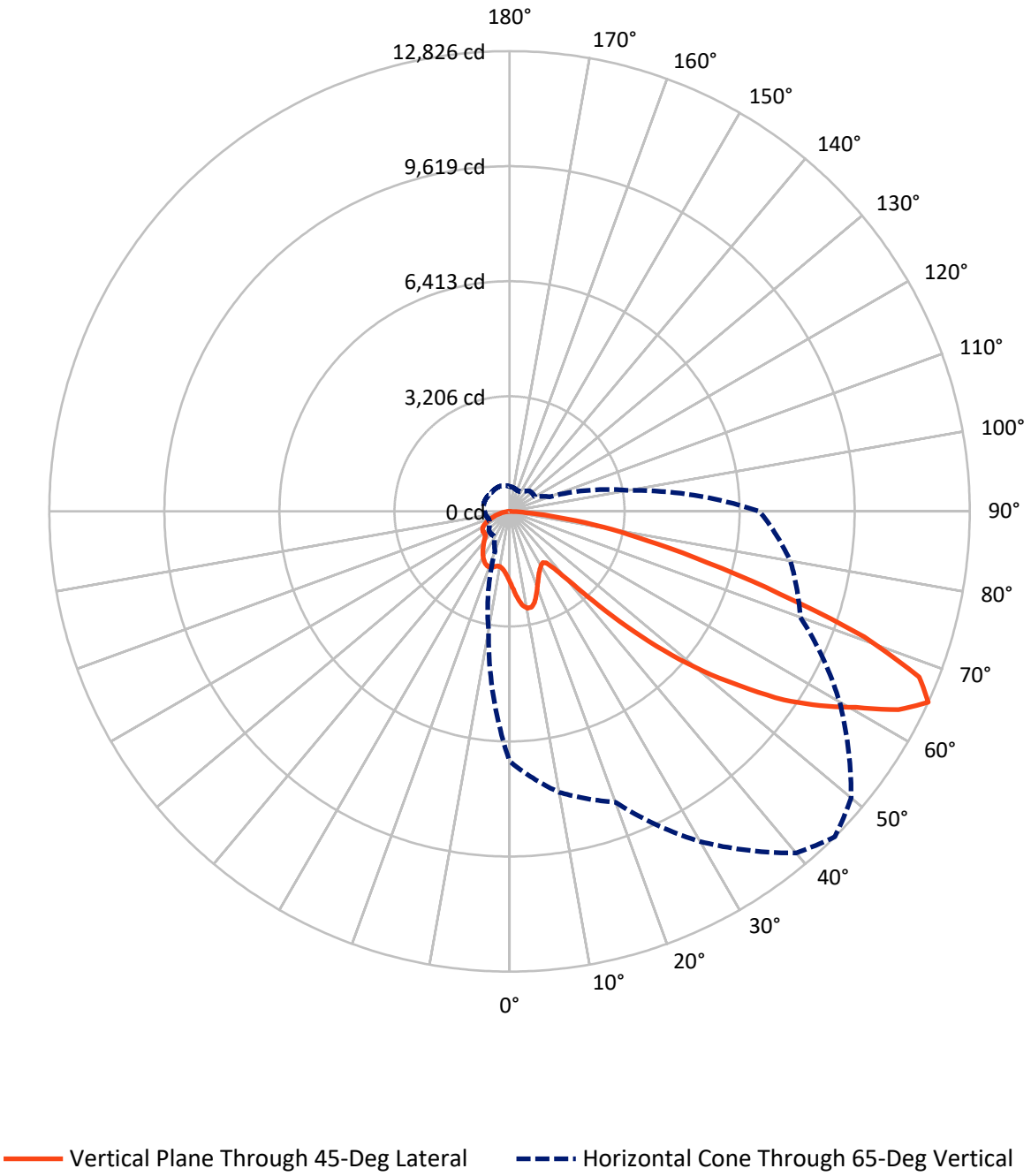
Based on 20 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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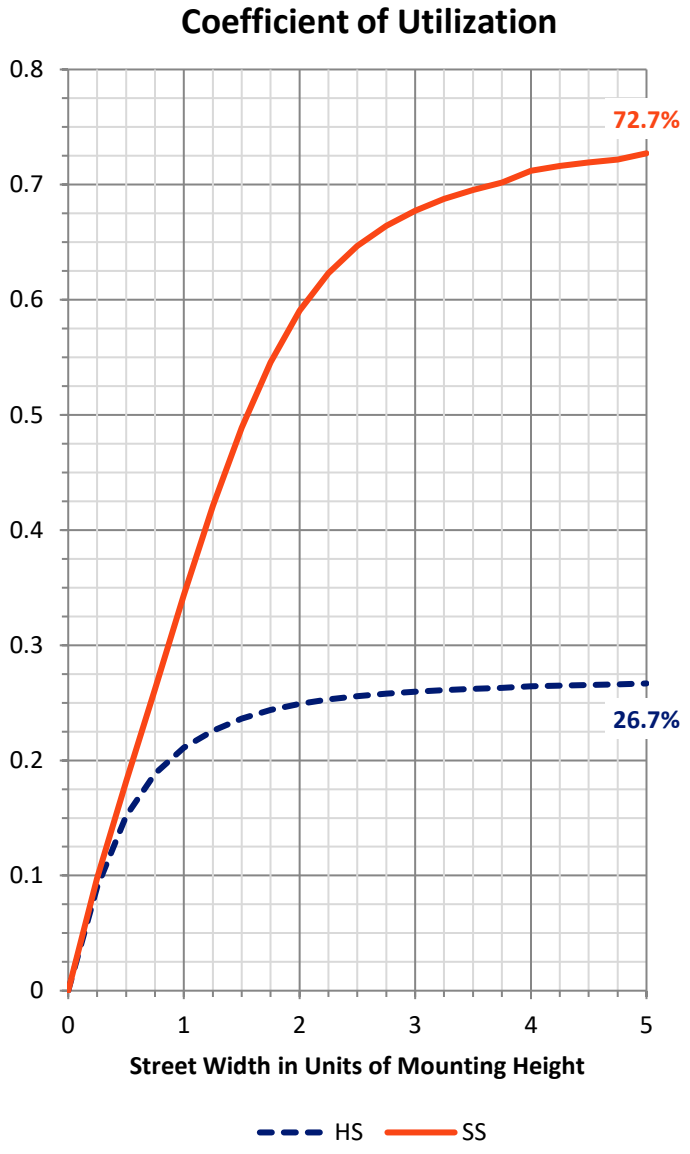
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3329.1	0.0	3329.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	9045.9	0.0	9045.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	12375.0	0.0	12375.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.8	1.6
10°-20°	597.1	4.8
20°-30°	924.1	7.5
30°-40°	1146.5	9.3
40°-50°	1676.5	13.5
50°-60°	2626.1	21.2
60°-70°	3116.0	25.2
70°-80°	1817.4	14.7
80°-90°	276.5	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°	12375.0	100.0
0°-180°	12375.0	100.0



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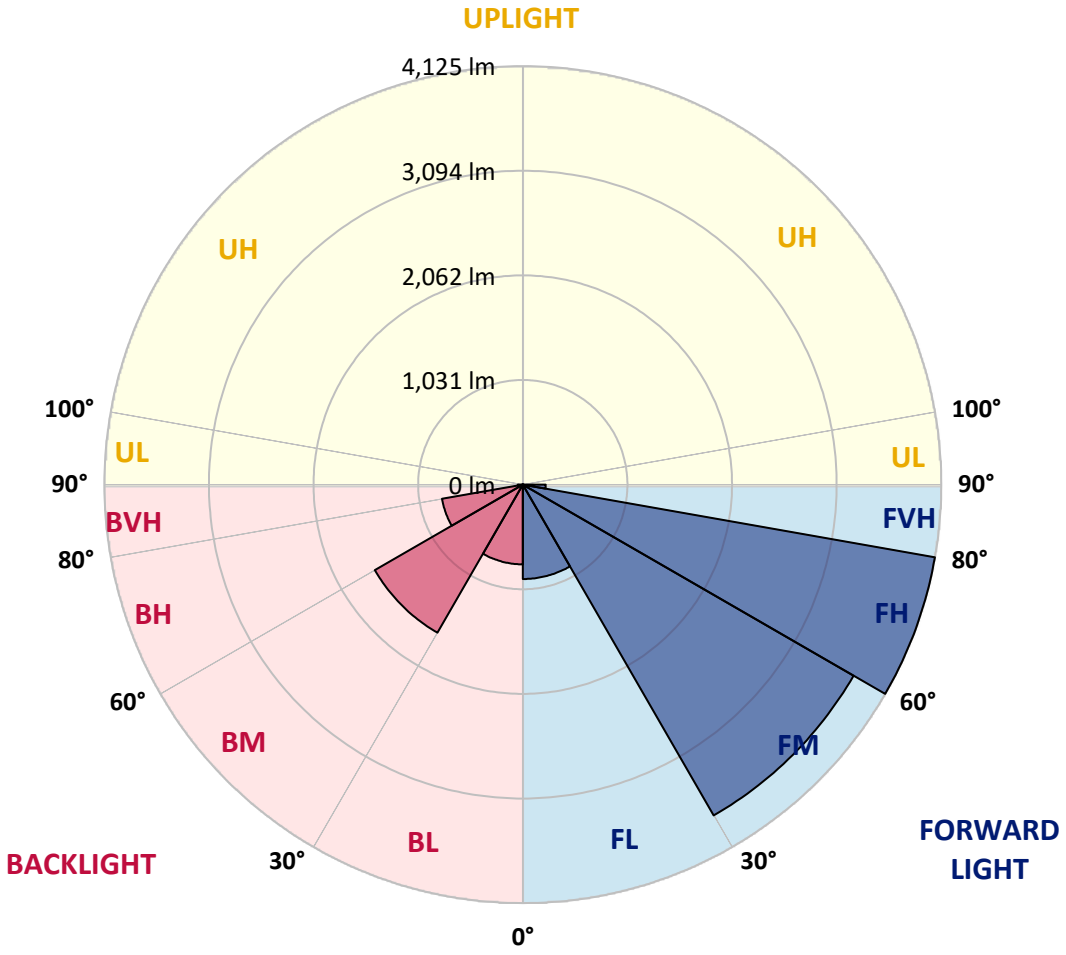
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	930.1	7.5			
FM	(30°-60°)	3764.7	30.4			
FH	(60°-80°)	4124.9	33.3			G2/5000
FVH	(80°-90°)	226.1	1.8			G3/500
BL	(0°-30°)	785.9	6.4	B2/1000		
BM	(30°-60°)	1684.4	13.6	B2/2500		
BH	(60°-80°)	808.5	6.5	B2/1000		G2/1000
BVH	(80°-90°)	50.4	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	*1973.2*	1973.2
2.5°	2132.1	2139.7	2147.2	2155.4	2163.9	2168.7	2173.6	2178.7	2183.6	*2188.1*	2183.6
5°	2277.4	2311.6	2345.5	2368.5	2391.5	2409.0	2426.6	2436.6	2446.9	*2448.4*	2446.9
7.5°	2424.2	2464.7	2505.3	2540.4	2575.5	2597.9	2620.3	2633.3	2646.6	*2651.1*	2646.6
10°	2516.5	2564.0	2611.8	2645.7	2679.9	2700.8	2721.3	2731.6	2741.9	*2745.0*	2741.9
12.5°	2563.4	2609.1	2654.8	2681.1	2707.1	2720.4	2733.5	2738.3	2742.5	*2738.9*	2742.5
15°	2586.1	2613.0	2639.6	2650.8	2661.7	2655.4	2648.7	2639.3	2629.9	*2623.9*	2629.9
17.5°	2592.1	2601.5	2611.2	2590.9	2570.9	2534.6	2498.3	2471.1	2443.8	*2424.2*	2443.8
20°	2611.8	2596.7	2581.5	2527.7	2474.1	2406.0	2337.9	2292.2	2246.2	*2218.4*	2246.2
22.5°	2633.0	2590.3	2547.6	2457.1	2366.7	2273.4	2180.5	2127.9	2075.5	*2045.9*	2075.5
25°	2666.3	2593.0	2519.5	2397.2	2275.3	2165.7	2056.4	1999.2	1942.3	*1909.7*	1942.3
27.5°	2714.7	2602.7	2490.7	2339.4	2188.1	2069.5	1950.5	1896.0	1841.6	*1812.8*	1841.6
30°	2782.8	2634.2	2485.3	2304.3	2123.0	1998.9	1874.9	1821.6	1768.0	*1737.2*	1768.0
32.5°	2866.0	2678.4	2490.7	2288.0	2085.2	1958.7	1832.5	1781.3	1730.5	*1703.9*	1730.5
35°	3006.7	2769.2	2531.6	2306.7	2082.2	1964.7	1847.6	1810.1	1772.9	*1758.3*	1772.9
37.5°	3185.3	2907.8	2629.9	2398.4	2166.9	2087.0	2007.1	2007.1	2007.1	*2018.6*	2007.1
40°	3448.6	3136.9	2825.2	2606.0	2387.2	2382.4	2378.2	2429.0	2480.1	*2502.8*	2480.1
42.5°	3817.8	3488.2	3159.0	2982.2	2805.5	2911.4	3017.3	3164.4	3311.5	*3407.7*	3311.5
45°	4276.3	3955.5	3634.7	3511.2	3388.1	3623.8	3859.3	4119.2	4379.2	*4563.8*	4379.2
47.5°	4715.1	4445.2	4174.9	4104.4	4034.2	4426.1	4818.0	5199.1	5580.1	*5804.7*	5580.1
50°	5223.6	4980.9	4737.8	4724.2	4710.6	5232.7	5754.7	6246.5	6738.3	*7012.2*	6738.3
52.5°	5875.8	5609.1	5342.2	5353.1	5363.4	5983.5	6603.6	7198.3	7793.0	*8101.7*	7793.0
55°	6655.1	6320.7	5986.2	5984.4	5982.6	6695.0	7408.0	8138.6	8869.8	*9282.0*	8869.8
57.5°	7449.5	7136.3	6823.0	6748.6	6673.8	7418.9	8163.7	8970.6	9777.7	*10211.1*	9777.7
60°	8045.7	7873.2	7700.7	7581.5	7462.5	8227.6	8993.0	9826.4	10659.6	*11091.8*	10659.6
62.5°	7799.1	8107.4	8415.8	8407.1	8398.3	9224.2	10050.1	10916.9	11784.2	*12172.2*	11784.2
65°	*6966.8*	*7458.6*	*7950.4*	*8288.7*	*8626.8*	*9625.2*	*10623.3*	*11526.4*	*12429.5*	*12825.9*	*12429.5*
67.5°	6186.0	6619.4	7053.0	7330.0	7606.9	8731.8	9857.0	10881.8	11906.5	*12314.5*	11906.5
70°	5438.5	5918.4	6398.4	6596.4	6794.3	7750.0	8705.5	9516.2	10326.7	*10486.5*	10326.7
72.5°	4668.2	5239.0	5810.1	5893.9	5977.8	6673.2	7368.7	7800.6	8232.4	*7883.8*	8232.4
75°	3822.4	4466.4	5110.1	5166.1	5222.1	5438.8	5655.8	5765.6	5875.8	*5677.5*	5875.8
77.5°	2542.2	3099.6	3657.4	3783.0	3908.6	4053.0	4197.6	4190.1	4182.5	*3904.1*	4182.5
80°	1492.0	1928.1	2364.2	2380.6	2396.9	2505.3	2613.3	2723.8	2834.2	*2657.2*	2834.2
82.5°	746.0	985.4	1225.1	1262.0	1298.9	1365.2	1431.5	1462.4	1493.5	*1343.7*	1493.5
85°	169.5	231.8	294.2	354.4	414.6	484.2	553.8	546.0	538.1	*454.0*	538.1
87.5°	13.6	13.9	14.5	14.8	15.1	15.4	15.7	16.6	17.6	*18.2*	17.6
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°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	2178.7	2173.6	2168.7	2163.9	2155.4	2147.2	2139.7	2132.1	2112.7	2093.7	2076.1
5°	2436.6	2426.6	2409.0	2391.5	2368.5	2345.5	2311.6	2277.4	2243.2	2209.3	2173.6
7.5°	2633.3	2620.3	2597.9	2575.5	2540.4	2505.3	2464.7	2424.2	2366.7	2309.1	2255.0
10°	2731.6	2721.3	2700.8	2679.9	2645.7	2611.8	2564.0	2516.5	2447.8	2378.8	2311.6
12.5°	2738.3	2733.5	2720.4	2707.1	2681.1	2654.8	2609.1	2563.4	2495.0	2426.6	2351.2
15°	2639.3	2648.7	2655.4	2661.7	2650.8	2639.6	2613.0	2586.1	2516.8	2447.8	2371.2
17.5°	2471.1	2498.3	2534.6	2570.9	2590.9	2611.2	2601.5	2592.1	2527.4	2462.9	2381.2
20°	2292.2	2337.9	2406.0	2474.1	2527.7	2581.5	2596.7	2611.8	2546.4	2481.0	2393.3
22.5°	2127.9	2180.5	2273.4	2366.7	2457.1	2547.6	2590.3	2633.0	2573.1	2513.4	2416.9
25°	1999.2	2056.4	2165.7	2275.3	2397.2	2519.5	2593.0	2666.3	2614.5	2562.8	2457.4
27.5°	1896.0	1950.5	2069.5	2188.1	2339.4	2490.7	2602.7	2714.7	2675.0	2635.4	2516.8
30°	1821.6	1874.9	1998.9	2123.0	2304.3	2485.3	2634.2	2782.8	2751.6	2720.7	2587.0
32.5°	1781.3	1832.5	1958.7	2085.2	2288.0	2490.7	2678.4	2866.0	2846.6	2827.3	2669.6
35°	1810.1	1847.6	1964.7	2082.2	2306.7	2531.6	2769.2	3006.7	2982.5	2958.3	2757.4
37.5°	2007.1	2007.1	2087.0	2166.9	2398.4	2629.9	2907.8	3185.3	3156.5	3127.8	2864.5
40°	2429.0	2378.2	2382.4	2387.2	2606.0	2825.2	3136.9	3448.6	3392.0	3335.1	2987.1
42.5°	3164.4	3017.3	2911.4	2805.5	2982.2	3159.0	3488.2	3817.8	3698.0	3577.8	3122.6
45°	4119.2	3859.3	3623.8	3388.1	3511.2	3634.7	3955.5	4276.3	4084.1	3892.0	3306.7
47.5°	5199.1	4818.0	4426.1	4034.2	4104.4	4174.9	4445.2	4715.1	4471.8	4228.5	3495.8
50°	6246.5	5754.7	5232.7	4710.6	4724.2	4737.8	4980.9	5223.6	4893.7	4563.8	3660.7
52.5°	7198.3	6603.6	5983.5	5363.4	5353.1	5342.2	5609.1	5875.8	5351.9	4827.7	3738.8
55°	8138.6	7408.0	6695.0	5982.6	5984.4	5986.2	6320.7	6655.1	5812.2	4969.4	3718.2
57.5°	8970.6	8163.7	7418.9	6673.8	6748.6	6823.0	7136.3	7449.5	6198.7	4948.2	3606.0
60°	9826.4	8993.0	8227.6	7462.5	7581.5	7700.7	7873.2	8045.7	6371.8	4697.6	3336.9
62.5°	10916.9	10050.1	9224.2	8398.3	8407.1	8415.8	8107.4	7799.1	5987.7	4176.4	2896.0
65°	*11526.4*	*10623.3*	*9625.2*	*8626.8*	*8288.7*	*7950.4*	*7458.6*	*6966.8*	*5164.6*	*3362.3*	*2271.6*
67.5°	10881.8	9857.0	8731.8	7606.9	7330.0	7053.0	6619.4	6186.0	4435.5	2685.0	1767.7
70°	9516.2	8705.5	7750.0	6794.3	6596.4	6398.4	5918.4	5438.5	3768.2	2097.9	1354.6
72.5°	7800.6	7368.7	6673.2	5977.8	5893.9	5810.1	5239.0	4668.2	3129.0	1589.5	1018.4
75°	5765.6	5655.8	5438.8	5222.1	5166.1	5110.1	4466.4	3822.4	2498.3	1174.2	754.8
77.5°	4190.1	4197.6	4053.0	3908.6	3783.0	3657.4	3099.6	2542.2	1639.1	736.0	487.9
80°	2723.8	2613.3	2505.3	2396.9	2380.6	2364.2	1928.1	1492.0	939.7	387.4	269.7
82.5°	1462.4	1431.5	1365.2	1298.9	1262.0	1225.1	985.4	746.0	470.9	196.1	145.0
85°	546.0	553.8	484.2	414.6	354.4	294.2	231.8	169.5	112.0	54.5	46.0
87.5°	16.6	15.7	15.4	15.1	14.8	14.5	13.9	13.6	13.3	12.7	12.4
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°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	2058.6	2041.0	2023.2	2006.2	1989.0	1971.7	1956.6	1940.2	1924.2	1911.5	1899.1
5°	2138.2	2103.4	2068.6	2035.6	2002.9	1968.7	1939.3	1910.3	1881.8	1858.2	1834.6
7.5°	2200.8	2152.4	2104.0	2060.7	2017.1	1971.7	1936.3	1900.9	1865.8	1835.2	1804.3
10°	2244.1	2184.5	2124.5	2074.6	2024.7	1976.2	1938.4	1901.2	1864.3	1832.8	1801.3
12.5°	2275.9	2209.0	2142.1	2087.0	2032.2	1979.3	1942.3	1911.5	1880.9	1858.8	1837.0
15°	2294.6	2222.6	2150.3	2088.2	2026.2	1967.2	1934.5	1914.5	1894.5	1892.7	1890.9
17.5°	2299.5	2217.1	2135.1	2062.8	1990.8	1921.8	1893.9	1891.2	1888.5	1918.4	1948.4
20°	2305.5	2209.0	2112.4	2017.4	1922.4	1831.0	1813.4	1830.7	1847.6	1906.3	1964.7
22.5°	2320.6	2202.6	2084.6	1965.3	1846.1	1737.2	1720.5	1745.9	1771.1	1847.6	1924.2
25°	2352.1	2202.0	2051.9	1903.3	1754.7	1629.7	1628.2	1655.7	1683.3	1754.1	1824.9
27.5°	2398.4	2207.8	2017.1	1839.8	1662.1	1534.4	1542.0	1568.3	1594.9	1647.6	1700.2
30°	2452.9	2220.2	1987.7	1784.4	1581.3	1457.2	1465.4	1486.0	1506.5	1544.7	1582.8
32.5°	2511.9	2234.1	1956.6	1735.9	1515.6	1401.2	1401.2	1410.0	1418.8	1443.6	1468.4
35°	2556.7	2230.8	1905.1	1680.9	1456.3	1367.9	1349.2	1341.9	1334.6	1351.0	1367.3
37.5°	2601.2	2221.4	1841.6	1619.7	1398.2	1328.6	1292.9	1273.5	1253.5	1261.4	1268.7
40°	2639.0	2200.2	1761.4	1546.8	1332.2	1277.1	1232.4	1203.3	1174.2	1173.6	1172.7
42.5°	2666.9	2163.6	1660.0	1459.9	1259.6	1221.2	1165.8	1128.9	1091.9	1088.0	1084.1
45°	2721.3	2138.5	1555.6	1371.6	1187.9	1153.1	1098.0	1059.8	1022.3	1016.3	1010.2
47.5°	2763.1	2109.1	1455.1	1283.8	1113.1	1072.9	1021.4	989.0	956.3	952.7	948.8
50°	2757.7	2059.2	1360.4	1205.7	1050.8	995.7	944.8	918.2	891.3	895.8	900.4
52.5°	2649.6	1956.9	1264.4	1135.5	1007.2	936.7	882.2	862.2	841.9	856.2	870.1
55°	2467.1	1821.3	1174.9	1076.8	978.1	907.9	843.8	821.4	799.0	818.9	838.9
57.5°	2263.8	1679.4	1095.0	1027.2	959.4	900.4	821.7	790.2	759.0	779.0	799.0
60°	1976.2	1499.9	1023.5	976.0	928.5	882.2	803.5	764.2	724.8	738.1	751.2
62.5°	1615.5	1272.3	929.1	902.5	876.1	856.5	781.4	730.0	678.5	680.3	681.5
65°	*1180.9*	*999.9*	*818.6*	*812.9*	*807.4*	*802.0*	*740.0*	*684.6*	*629.5*	*623.4*	*617.4*
67.5°	850.4	764.5	678.5	694.6	710.6	718.8	676.4	627.7	578.6	566.2	553.8
70°	611.3	581.1	550.8	574.7	598.6	596.2	575.6	546.6	517.5	509.6	501.8
72.5°	447.3	446.7	446.4	464.6	482.7	458.5	471.5	464.9	458.5	452.8	447.3
75°	335.3	333.2	331.4	352.9	374.7	384.4	392.8	389.2	385.9	381.6	377.7
77.5°	239.7	241.5	242.7	266.3	289.9	317.8	319.3	311.4	303.2	299.0	294.2
80°	151.9	153.7	155.0	179.8	204.3	243.6	242.1	232.4	222.4	219.1	215.5
82.5°	93.8	94.1	94.4	106.5	118.6	140.7	146.8	146.8	146.8	144.7	142.2
85°	37.8	39.6	41.8	49.6	57.5	69.6	73.2	73.8	74.1	70.8	67.2
87.5°	12.1	12.7	13.6	15.1	16.6	18.2	21.2	23.0	24.8	26.6	27.8
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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REPORT NUMBER: P1364920
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	1888.2	1877.0	1864.0	1850.6	1841.3	1831.6	1825.2	1818.9	1815.8	1812.8	1810.4
5°	1815.2	1795.3	1777.7	1759.9	1745.9	1731.7	1720.2	1708.4	1703.6	1698.4	1695.1
7.5°	1778.3	1752.3	1730.5	1708.4	1687.5	1666.9	1653.6	1640.3	1632.4	1624.6	1618.8
10°	1773.8	1746.2	1717.5	1688.7	1665.7	1642.7	1622.8	1603.4	1592.2	1581.3	1575.2
12.5°	1811.6	1786.2	1752.0	1717.5	1686.3	1655.4	1630.9	1606.4	1592.5	1579.2	1570.1
15°	1882.1	1873.3	1841.6	1809.8	1766.8	1723.5	1688.4	1653.0	1633.7	1613.7	1602.5
17.5°	1965.7	1982.9	1960.8	1938.4	1877.9	1817.4	1765.0	1712.9	1684.5	1656.1	1646.1
20°	2011.4	2058.0	2055.5	2053.4	1974.4	1895.1	1826.4	1757.7	1719.6	1682.1	1666.9
22.5°	1991.4	2058.6	2075.8	2092.8	2015.3	1937.5	1852.8	1768.0	1723.2	1678.1	1663.9
25°	1897.3	1969.6	2001.7	2033.7	1969.9	1906.0	1823.7	1741.7	1694.5	1647.0	1632.4
27.5°	1758.3	1816.5	1852.5	1888.5	1849.4	1810.4	1743.8	1677.2	1635.5	1593.4	1578.0
30°	1622.2	1661.5	1690.2	1719.0	1693.3	1667.6	1619.7	1572.2	1541.0	1510.2	1500.5
32.5°	1497.8	1526.8	1542.9	1558.6	1538.6	1518.7	1487.2	1455.7	1436.3	1417.0	1410.6
35°	1390.9	1414.8	1427.0	1439.1	1422.4	1405.8	1377.6	1349.8	1335.9	1321.9	1316.8
37.5°	1288.9	1308.9	1326.2	1343.7	1331.6	1319.5	1295.6	1271.7	1255.4	1238.4	1229.3
40°	1192.1	1211.2	1233.0	1254.4	1252.3	1249.9	1227.2	1204.5	1180.9	1157.6	1145.2
42.5°	1103.1	1122.2	1145.2	1168.2	1172.7	1177.3	1158.5	1139.4	1112.2	1085.0	1065.9
45°	1026.6	1043.5	1068.6	1094.0	1104.6	1115.2	1098.3	1081.0	1050.5	1019.9	997.2
47.5°	966.0	983.6	1011.4	1039.6	1050.8	1062.3	1050.8	1039.6	1013.2	986.6	966.6
50°	919.4	938.2	960.0	982.1	1003.0	1023.5	1021.4	1019.3	998.4	977.5	958.8
52.5°	887.3	904.9	927.6	950.3	972.1	994.2	997.5	1001.1	986.0	970.9	954.5
55°	859.8	880.7	901.9	923.1	943.6	963.9	968.5	973.0	962.1	950.9	938.8
57.5°	821.7	844.4	865.6	886.7	910.6	934.6	938.2	941.8	930.3	918.5	909.4
60°	774.5	797.5	819.6	841.3	865.6	889.8	894.6	899.4	890.4	881.3	872.8
62.5°	707.9	733.9	752.1	770.2	793.2	816.5	823.5	830.7	826.5	822.6	812.9
65°	*642.2*	*667.3*	*681.5*	*696.1*	*716.0*	*736.0*	*743.0*	*749.9*	*747.8*	*746.0*	*739.0*
67.5°	576.8	599.8	611.6	623.4	637.1	650.7	658.5	666.4	662.5	658.2	651.0
70°	520.5	539.3	549.6	559.9	570.8	581.7	585.9	590.1	584.1	578.0	561.7
72.5°	461.5	475.8	484.5	493.3	503.6	513.9	516.3	519.0	509.6	500.0	480.9
75°	388.6	399.5	406.1	413.1	423.7	434.3	438.8	443.4	430.1	417.0	396.8
77.5°	304.2	314.1	320.5	326.9	335.6	344.4	345.6	347.4	335.9	324.4	312.3
80°	222.7	230.0	232.4	234.5	241.8	248.8	248.8	248.8	240.3	231.5	225.5
82.5°	140.7	139.2	136.2	133.2	140.4	147.7	150.1	152.8	148.9	145.3	138.6
85°	62.9	58.1	57.2	56.0	55.7	55.1	57.2	59.0	58.1	57.5	55.1
87.5°	29.7	30.9	30.0	28.8	27.5	26.6	24.2	21.8	20.0	18.2	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	1808.3	1806.8	1808.3	1810.4	1812.8	1815.8	1818.9	1825.2	1831.6	1841.3	1850.6
5°	1691.8	1688.7	1691.8	1695.1	1698.4	1703.6	1708.4	1720.2	1731.7	1745.9	1759.9
7.5°	1613.1	1610.0	1613.1	1618.8	1624.6	1632.4	1640.3	1653.6	1666.9	1687.5	1708.4
10°	1569.2	1564.7	1569.2	1575.2	1581.3	1592.2	1603.4	1622.8	1642.7	1665.7	1688.7
12.5°	1561.0	1555.6	1561.0	1570.1	1579.2	1592.5	1606.4	1630.9	1655.4	1686.3	1717.5
15°	1591.3	1582.8	1591.3	1602.5	1613.7	1633.7	1653.0	1688.4	1723.5	1766.8	1809.8
17.5°	1635.8	1631.2	1635.8	1646.1	1656.1	1684.5	1712.9	1765.0	1817.4	1877.9	1938.4
20°	1651.8	1646.4	1651.8	1666.9	1682.1	1719.6	1757.7	1826.4	1895.1	1974.4	2053.4
22.5°	1649.4	1643.3	1649.4	1663.9	1678.1	1723.2	1768.0	1852.8	1937.5	2015.3	2092.8
25°	1617.6	1613.1	1617.6	1632.4	1647.0	1694.5	1741.7	1823.7	1906.0	1969.9	2033.7
27.5°	1562.2	1552.5	1562.2	1578.0	1593.4	1635.5	1677.2	1743.8	1810.4	1849.4	1888.5
30°	1490.5	1486.0	1490.5	1500.5	1510.2	1541.0	1572.2	1619.7	1667.6	1693.3	1719.0
32.5°	1404.3	1401.2	1404.3	1410.6	1417.0	1436.3	1455.7	1487.2	1518.7	1538.6	1558.6
35°	1311.9	1307.4	1311.9	1316.8	1321.9	1335.9	1349.8	1377.6	1405.8	1422.4	1439.1
37.5°	1220.2	1213.6	1220.2	1229.3	1238.4	1255.4	1271.7	1295.6	1319.5	1331.6	1343.7
40°	1132.5	1125.8	1132.5	1145.2	1157.6	1180.9	1204.5	1227.2	1249.9	1252.3	1254.4
42.5°	1047.1	1035.0	1047.1	1065.9	1085.0	1112.2	1139.4	1158.5	1177.3	1172.7	1168.2
45°	974.5	959.4	974.5	997.2	1019.9	1050.5	1081.0	1098.3	1115.2	1104.6	1094.0
47.5°	946.7	932.1	946.7	966.6	986.6	1013.2	1039.6	1050.8	1062.3	1050.8	1039.6
50°	939.7	926.1	939.7	958.8	977.5	998.4	1019.3	1021.4	1023.5	1003.0	982.1
52.5°	938.2	926.1	938.2	954.5	970.9	986.0	1001.1	997.5	994.2	972.1	950.3
55°	926.7	917.0	926.7	938.8	950.9	962.1	973.0	968.5	963.9	943.6	923.1
57.5°	900.4	895.8	900.4	909.4	918.5	930.3	941.8	938.2	934.6	910.6	886.7
60°	864.0	856.5	864.0	872.8	881.3	890.4	899.4	894.6	889.8	865.6	841.3
62.5°	803.5	792.9	803.5	812.9	822.6	826.5	830.7	823.5	816.5	793.2	770.2
65°	*732.4*	*720.3*	*732.4*	*739.0*	*746.0*	*747.8*	*749.9*	*743.0*	*736.0*	*716.0*	*696.1*
67.5°	644.0	641.6	644.0	651.0	658.2	662.5	666.4	658.5	650.7	637.1	623.4
70°	545.4	526.6	545.4	561.7	578.0	584.1	590.1	585.9	581.7	570.8	559.9
72.5°	461.5	441.9	461.5	480.9	500.0	509.6	519.0	516.3	513.9	503.6	493.3
75°	376.8	363.2	376.8	396.8	417.0	430.1	443.4	438.8	434.3	423.7	413.1
77.5°	300.2	293.6	300.2	312.3	324.4	335.9	347.4	345.6	344.4	335.6	326.9
80°	219.4	214.9	219.4	225.5	231.5	240.3	248.8	248.8	248.8	241.8	234.5
82.5°	131.6	127.1	131.6	138.6	145.3	148.9	152.8	150.1	147.7	140.4	133.2
85°	53.0	51.4	53.0	55.1	57.5	58.1	59.0	57.2	55.1	55.7	56.0
87.5°	15.7	15.1	15.7	16.9	18.2	20.0	21.8	24.2	26.6	27.5	28.8
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	1864.0	1877.0	1888.2	1899.1	1911.5	1924.2	1940.2	1956.6	1971.7	1989.0	2006.2
5°	1777.7	1795.3	1815.2	1834.6	1858.2	1881.8	1910.3	1939.3	1968.7	2002.9	2035.6
7.5°	1730.5	1752.3	1778.3	1804.3	1835.2	1865.8	1900.9	1936.3	1971.7	2017.1	2060.7
10°	1717.5	1746.2	1773.8	1801.3	1832.8	1864.3	1901.2	1938.4	1976.2	2024.7	2074.6
12.5°	1752.0	1786.2	1811.6	1837.0	1858.8	1880.9	1911.5	1942.3	1979.3	2032.2	2087.0
15°	1841.6	1873.3	1882.1	1890.9	1892.7	1894.5	1914.5	1934.5	1967.2	2026.2	2088.2
17.5°	1960.8	1982.9	1965.7	1948.4	1918.4	1888.5	1891.2	1893.9	1921.8	1990.8	2062.8
20°	2055.5	2058.0	2011.4	1964.7	1906.3	1847.6	1830.7	1813.4	1831.0	1922.4	2017.4
22.5°	2075.8	2058.6	1991.4	1924.2	1847.6	1771.1	1745.9	1720.5	1737.2	1846.1	1965.3
25°	2001.7	1969.6	1897.3	1824.9	1754.1	1683.3	1655.7	1628.2	1629.7	1754.7	1903.3
27.5°	1852.5	1816.5	1758.3	1700.2	1647.6	1594.9	1568.3	1542.0	1534.4	1662.1	1839.8
30°	1690.2	1661.5	1622.2	1582.8	1544.7	1506.5	1486.0	1465.4	1457.2	1581.3	1784.4
32.5°	1542.9	1526.8	1497.8	1468.4	1443.6	1418.8	1410.0	1401.2	1401.2	1515.6	1735.9
35°	1427.0	1414.8	1390.9	1367.3	1351.0	1334.6	1341.9	1349.2	1367.9	1456.3	1680.9
37.5°	1326.2	1308.9	1288.9	1268.7	1261.4	1253.5	1273.5	1292.9	1328.6	1398.2	1619.7
40°	1233.0	1211.2	1192.1	1172.7	1173.6	1174.2	1203.3	1232.4	1277.1	1332.2	1546.8
42.5°	1145.2	1122.2	1103.1	1084.1	1088.0	1091.9	1128.9	1165.8	1221.2	1259.6	1459.9
45°	1068.6	1043.5	1026.6	1010.2	1016.3	1022.3	1059.8	1098.0	1153.1	1187.9	1371.6
47.5°	1011.4	983.6	966.0	948.8	952.7	956.3	989.0	1021.4	1072.9	1113.1	1283.8
50°	960.0	938.2	919.4	900.4	895.8	891.3	918.2	944.8	995.7	1050.8	1205.7
52.5°	927.6	904.9	887.3	870.1	856.2	841.9	862.2	882.2	936.7	1007.2	1135.5
55°	901.9	880.7	859.8	838.9	818.9	799.0	821.4	843.8	907.9	978.1	1076.8
57.5°	865.6	844.4	821.7	799.0	779.0	759.0	790.2	821.7	900.4	959.4	1027.2
60°	819.6	797.5	774.5	751.2	738.1	724.8	764.2	803.5	882.2	928.5	976.0
62.5°	752.1	733.9	707.9	681.5	680.3	678.5	730.0	781.4	856.5	876.1	902.5
65°	*681.5*	*667.3*	*642.2*	*617.4*	*623.4*	*629.5*	*684.6*	*740.0*	*802.0*	*807.4*	*812.9*
67.5°	611.6	599.8	576.8	553.8	566.2	578.6	627.7	676.4	718.8	710.6	694.6
70°	549.6	539.3	520.5	501.8	509.6	517.5	546.6	575.6	596.2	598.6	574.7
72.5°	484.5	475.8	461.5	447.3	452.8	458.5	464.9	471.5	458.5	482.7	464.6
75°	406.1	399.5	388.6	377.7	381.6	385.9	389.2	392.8	384.4	374.7	352.9
77.5°	320.5	314.1	304.2	294.2	299.0	303.2	311.4	319.3	317.8	289.9	266.3
80°	232.4	230.0	222.7	215.5	219.1	222.4	232.4	242.1	243.6	204.3	179.8
82.5°	136.2	139.2	140.7	142.2	144.7	146.8	146.8	146.8	140.7	118.6	106.5
85°	57.2	58.1	62.9	67.2	70.8	74.1	73.8	73.2	69.6	57.5	49.6
87.5°	30.0	30.9	29.7	27.8	26.6	24.8	23.0	21.2	18.2	16.6	15.1
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2	1973.2
2.5°	2023.2	2041.0	2058.6	2076.1	2093.7	2112.7	2132.1
5°	2068.6	2103.4	2138.2	2173.6	2209.3	2243.2	2277.4
7.5°	2104.0	2152.4	2200.8	2255.0	2309.1	2366.7	2424.2
10°	2124.5	2184.5	2244.1	2311.6	2378.8	2447.8	2516.5
12.5°	2142.1	2209.0	2275.9	2351.2	2426.6	2495.0	2563.4
15°	2150.3	2222.6	2294.6	2371.2	2447.8	2516.8	2586.1
17.5°	2135.1	2217.1	2299.5	2381.2	2462.9	2527.4	2592.1
20°	2112.4	2209.0	2305.5	2393.3	2481.0	2546.4	2611.8
22.5°	2084.6	2202.6	2320.6	2416.9	2513.4	2573.1	2633.0
25°	2051.9	2202.0	2352.1	2457.4	2562.8	2614.5	2666.3
27.5°	2017.1	2207.8	2398.4	2516.8	2635.4	2675.0	2714.7
30°	1987.7	2220.2	2452.9	2587.0	2720.7	2751.6	2782.8
32.5°	1956.6	2234.1	2511.9	2669.6	2827.3	2846.6	2866.0
35°	1905.1	2230.8	2556.7	2757.4	2958.3	2982.5	3006.7
37.5°	1841.6	2221.4	2601.2	2864.5	3127.8	3156.5	3185.3
40°	1761.4	2200.2	2639.0	2987.1	3335.1	3392.0	3448.6
42.5°	1660.0	2163.6	2666.9	3122.6	3577.8	3698.0	3817.8
45°	1555.6	2138.5	2721.3	3306.7	3892.0	4084.1	4276.3
47.5°	1455.1	2109.1	2763.1	3495.8	4228.5	4471.8	4715.1
50°	1360.4	2059.2	2757.7	3660.7	4563.8	4893.7	5223.6
52.5°	1264.4	1956.9	2649.6	3738.8	4827.7	5351.9	5875.8
55°	1174.9	1821.3	2467.1	3718.2	4969.4	5812.2	6655.1
57.5°	1095.0	1679.4	2263.8	3606.0	4948.2	6198.7	7449.5
60°	1023.5	1499.9	1976.2	3336.9	4697.6	6371.8	8045.7
62.5°	929.1	1272.3	1615.5	2896.0	4176.4	5987.7	7799.1
65°	*818.6*	*999.9*	*1180.9*	*2271.6*	*3362.3*	*5164.6*	*6966.8*
67.5°	678.5	764.5	850.4	1767.7	2685.0	4435.5	6186.0
70°	550.8	581.1	611.3	1354.6	2097.9	3768.2	5438.5
72.5°	446.4	446.7	447.3	1018.4	1589.5	3129.0	4668.2
75°	331.4	333.2	335.3	754.8	1174.2	2498.3	3822.4
77.5°	242.7	241.5	239.7	487.9	736.0	1639.1	2542.2
80°	155.0	153.7	151.9	269.7	387.4	939.7	1492.0
82.5°	94.4	94.1	93.8	145.0	196.1	470.9	746.0
85°	41.8	39.6	37.8	46.0	54.5	112.0	169.5
87.5°	13.6	12.7	12.1	12.4	12.7	13.3	13.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-2

Test Date: 10/09/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

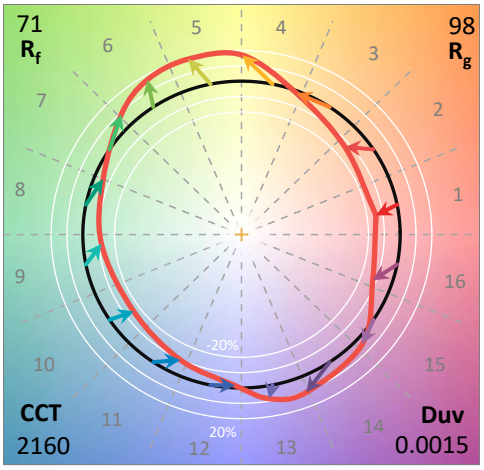
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

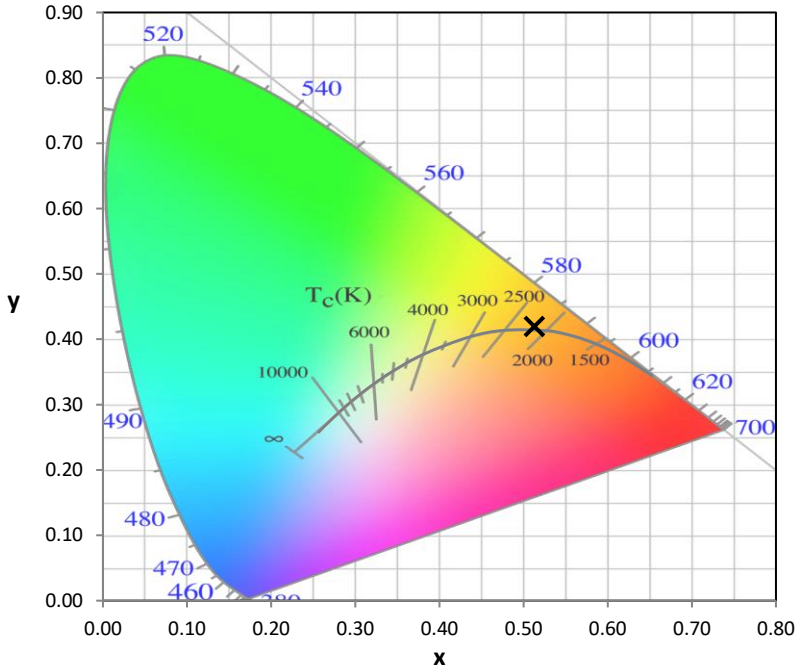
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

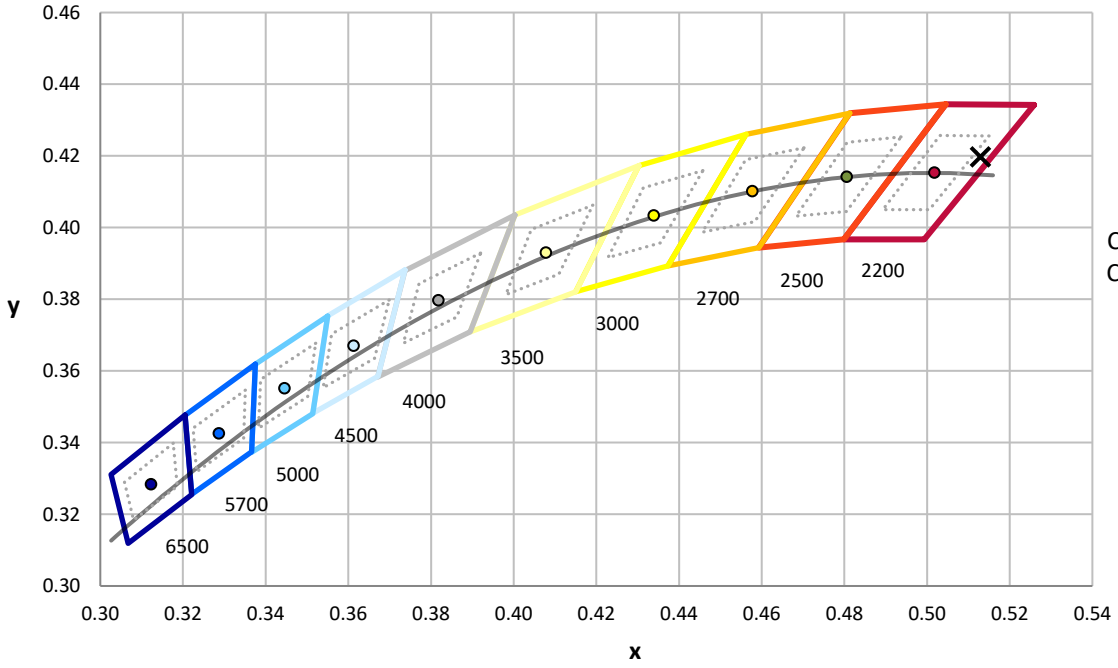
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

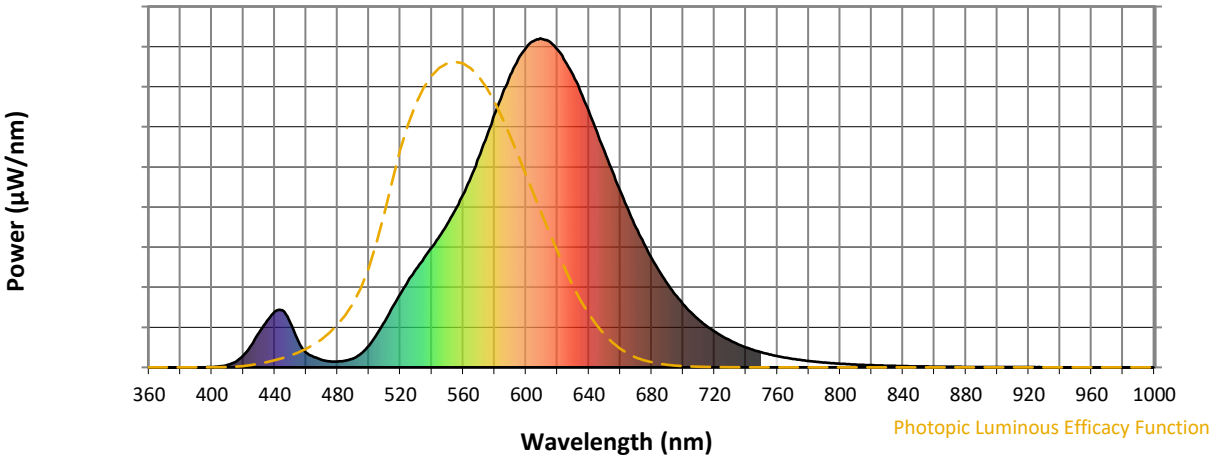


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

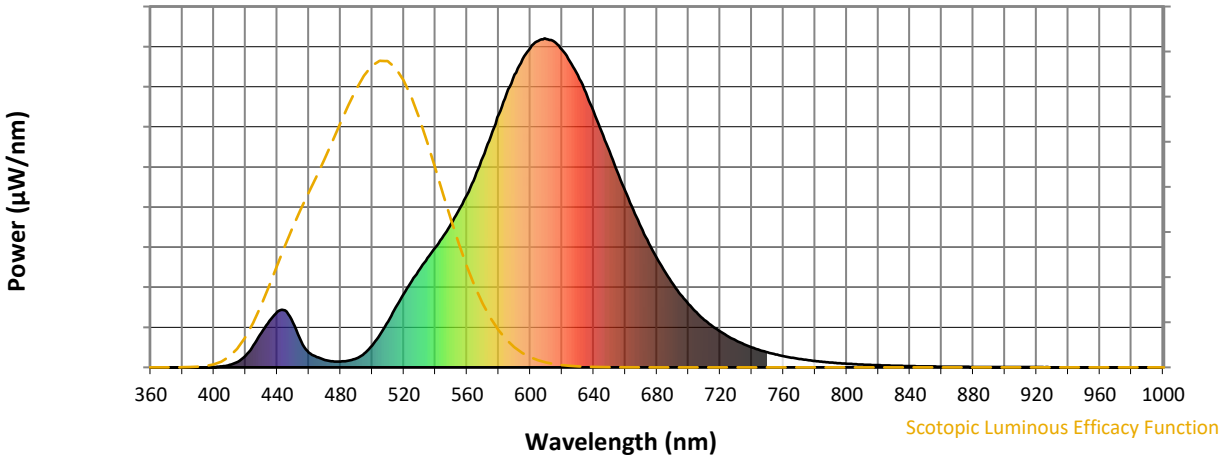


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

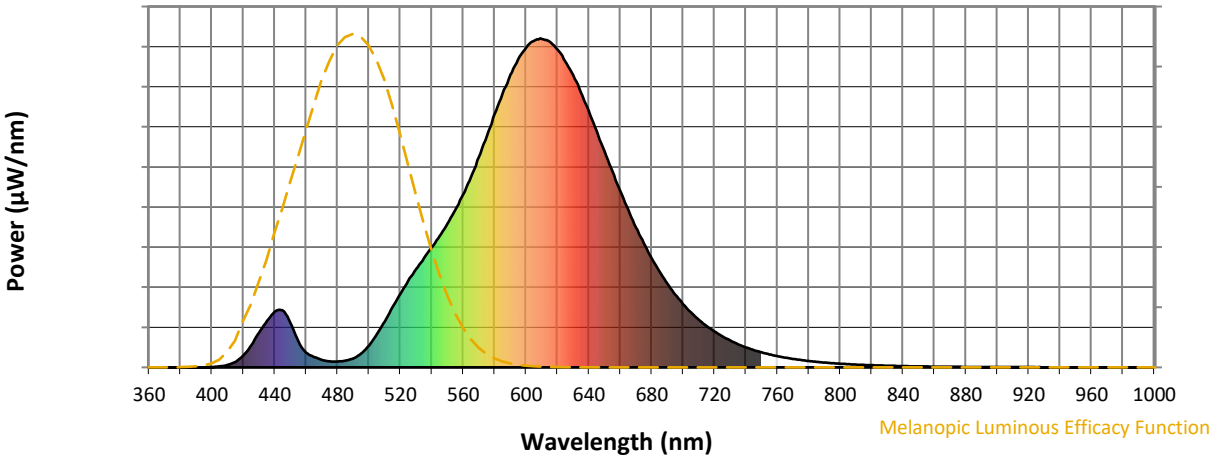


Scotopic Lumens: NR **S/P: 0.8**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



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

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

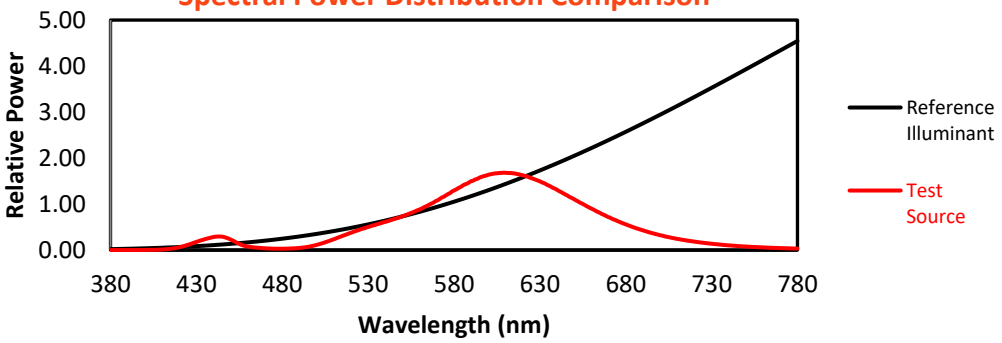
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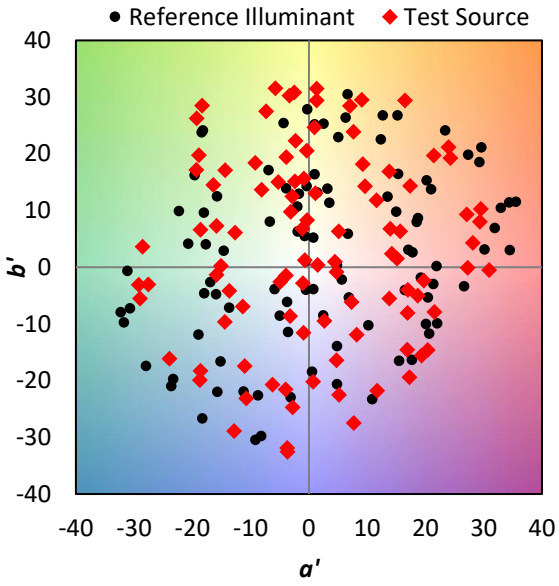
Summary

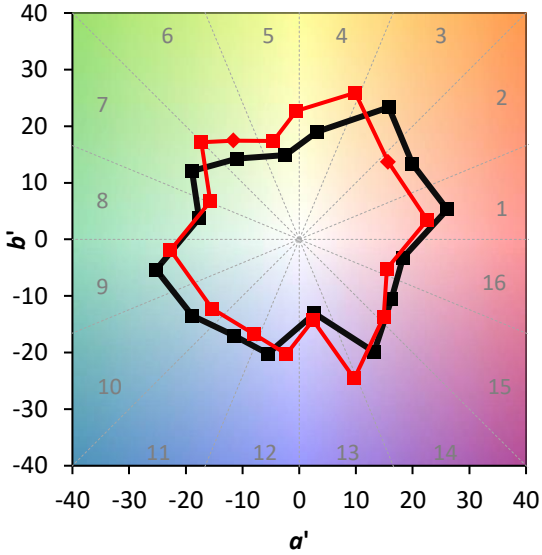
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

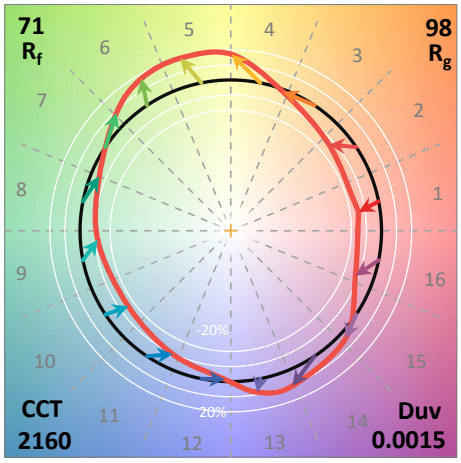
Spectral Power Distribution Comparison

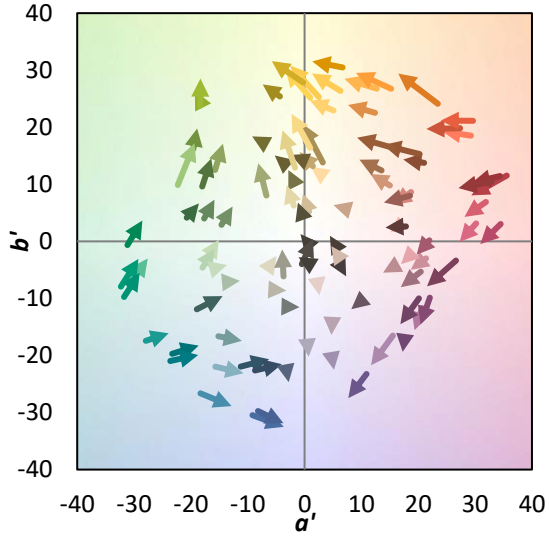


Color Vector Graphics







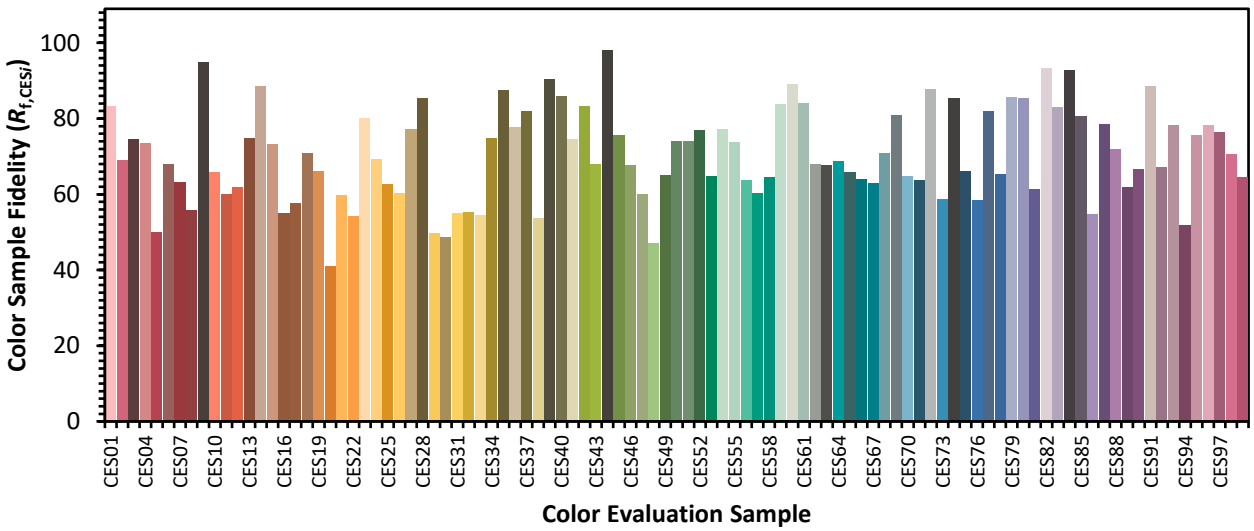


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Individual Sample Fidelity Index ($R_{f,i}$)

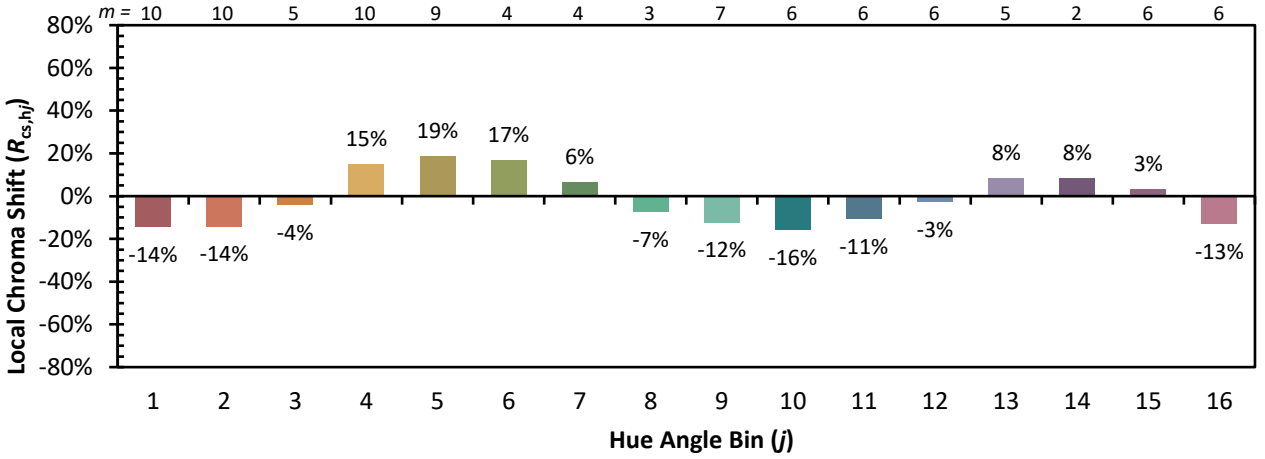
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

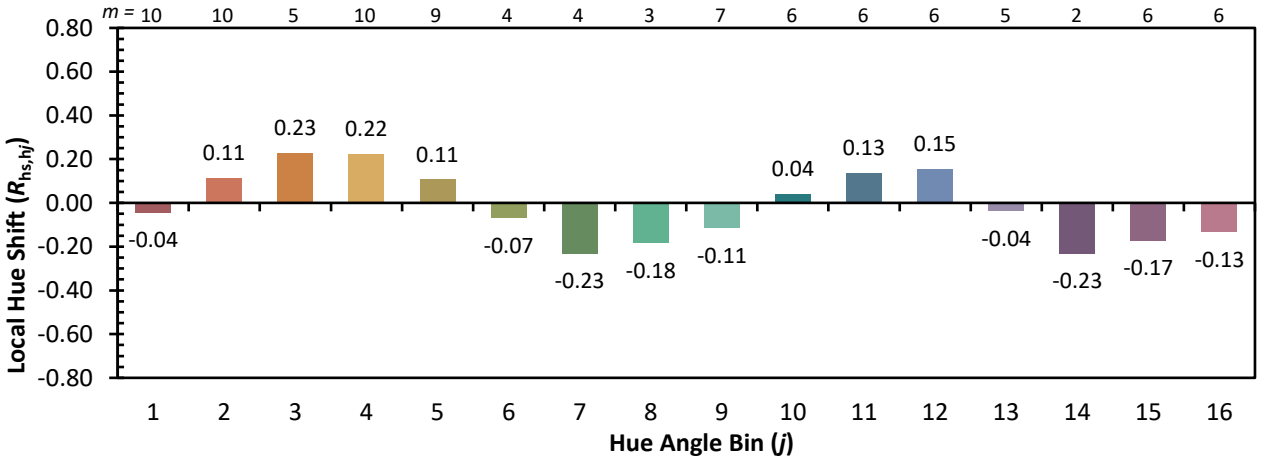


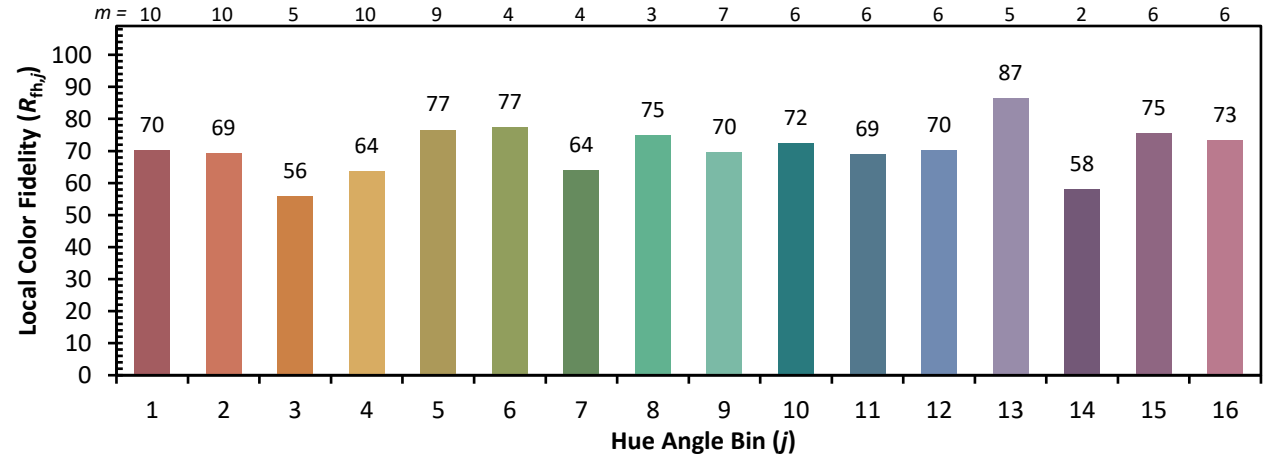
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Color Rendition by Hue-Angle Bin



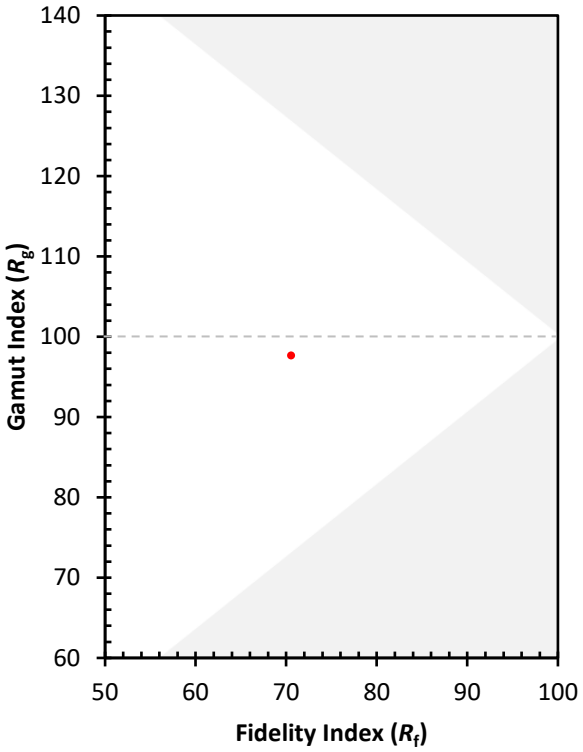


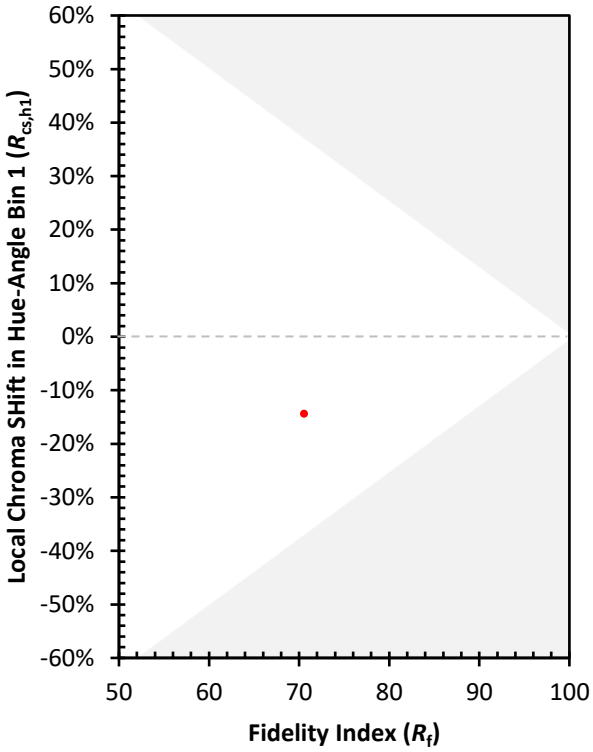


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Measure Comparisons





(END OF REPORT)