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: P1364943

Luminaire Tested: **GSS-SB3A-727-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:	P1364943
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11030 lumens
Efficiency:	N/A
Efficacy:	129.8 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

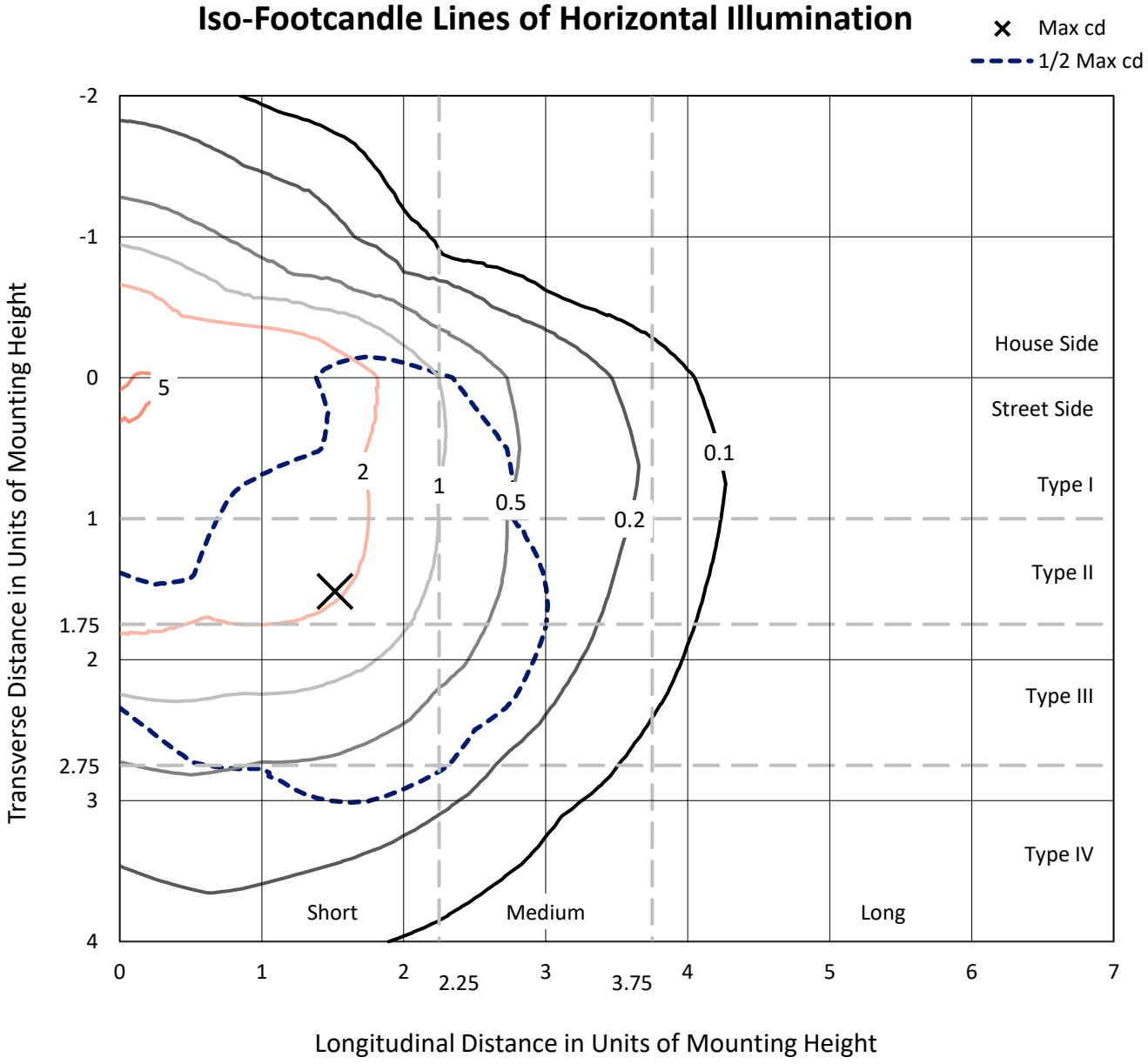
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



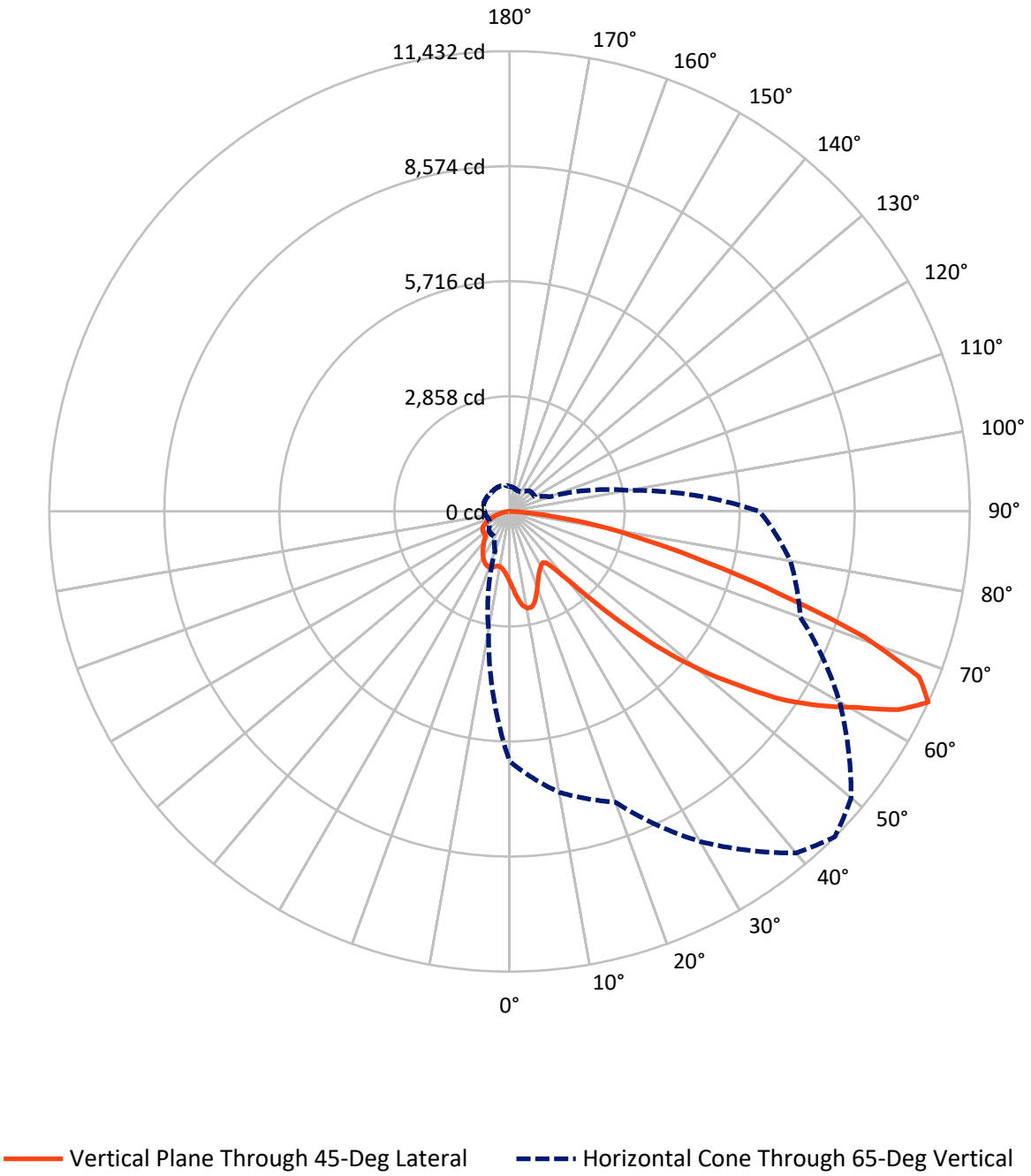
Based on 20 foot mounting height. Maximum calculated value = 5.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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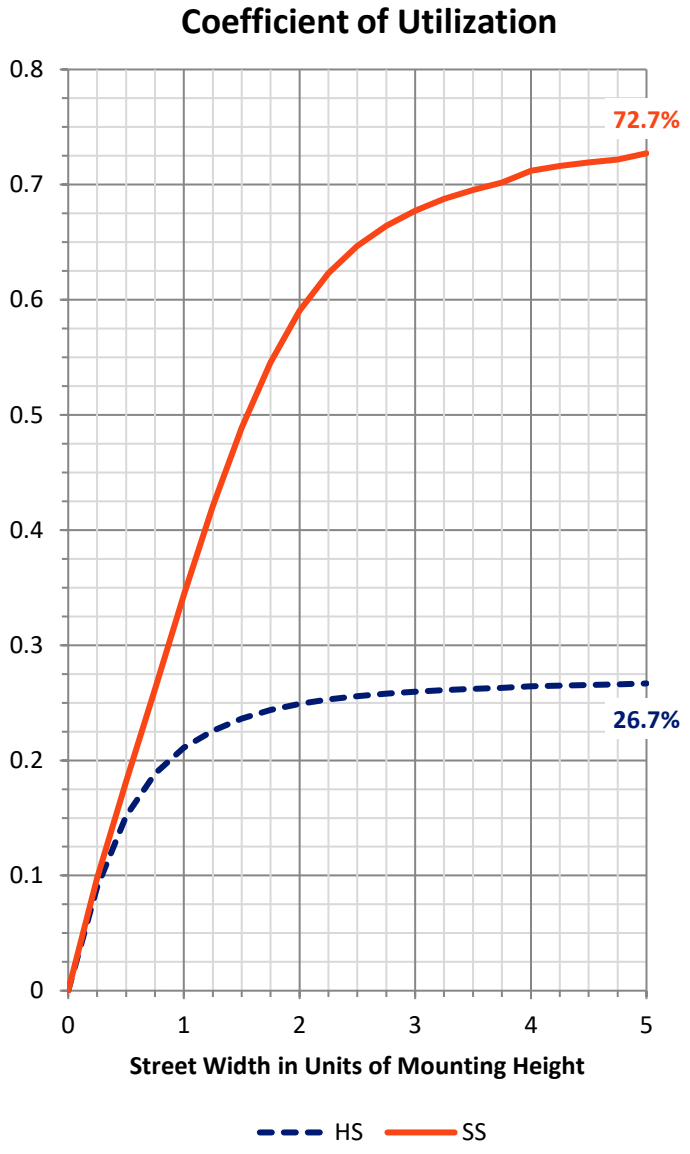
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2967.3	0.0	2967.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	8062.7	0.0	8062.7
	% Fixture	73.1	0.0	73.1
Total	Lumens	11030.0	0.0	11030.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.7	1.6
10°-20°	532.2	4.8
20°-30°	823.6	7.5
30°-40°	1021.9	9.3
40°-50°	1494.3	13.5
50°-60°	2340.6	21.2
60°-70°	2777.3	25.2
70°-80°	1619.9	14.7
80°-90°	246.4	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11030.0	100.0
0°-180°	11030.0	100.0



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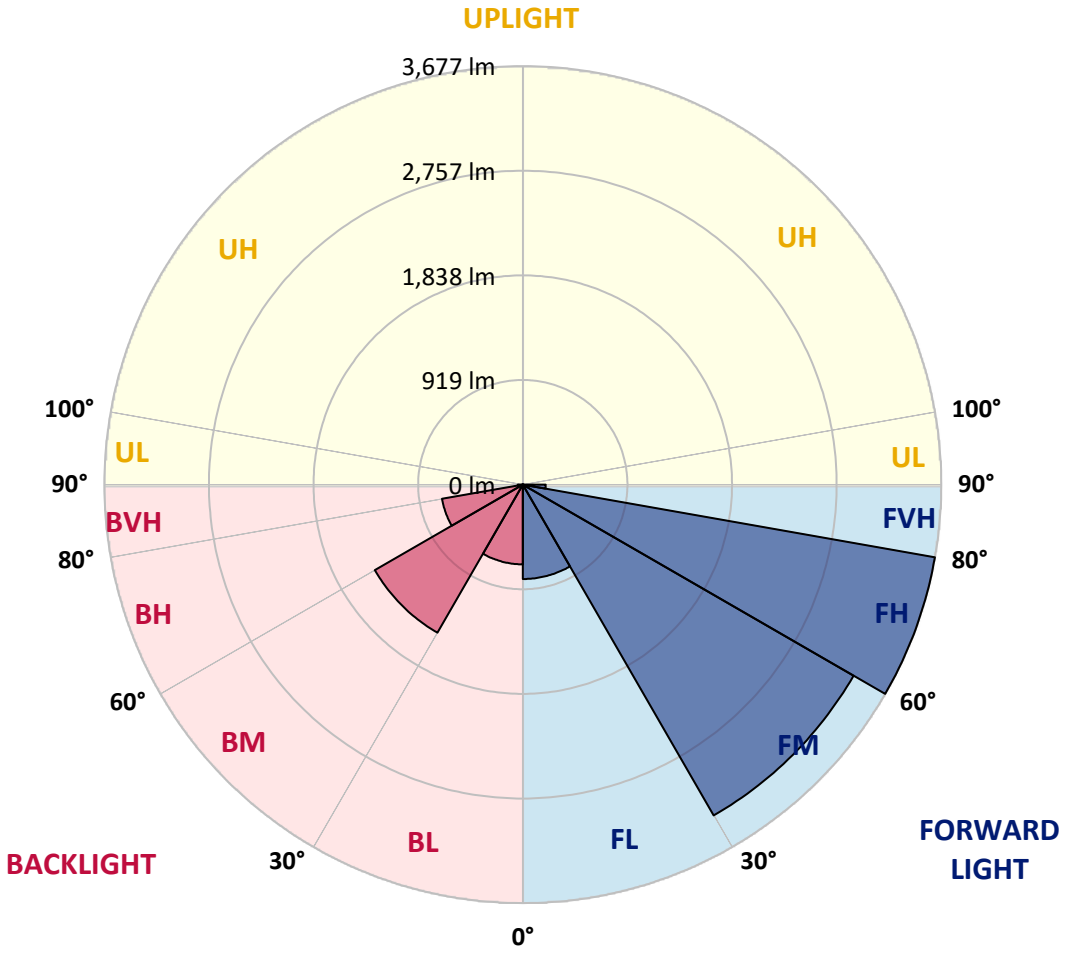
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	829.0	7.5			
FM	(30°-60°)	3355.5	30.4			
FH	(60°-80°)	3676.6	33.3			G2/5000
FVH	(80°-90°)	201.5	1.8			G2/225
BL	(0°-30°)	700.5	6.4	B2/1000		
BM	(30°-60°)	1501.3	13.6	B2/2500		
BH	(60°-80°)	720.6	6.5	B2/1000		G2/1000
BVH	(80°-90°)	44.9	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°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	*1758.7*	1758.7
2.5°	1900.4	1907.1	1913.9	1921.1	1928.7	1933.0	1937.3	1941.9	1946.2	*1950.3*	1946.2
5°	2029.8	2060.3	2090.5	2111.0	2131.5	2147.2	2162.8	2171.7	2180.9	*2182.2*	2180.9
7.5°	2160.7	2196.8	2233.0	2264.3	2295.5	2315.5	2335.5	2347.1	2358.9	*2363.0*	2358.9
10°	2242.9	2285.3	2327.9	2358.1	2388.6	2407.2	2425.6	2434.7	2443.9	*2446.6*	2443.9
12.5°	2284.8	2325.5	2366.2	2389.7	2412.9	2424.8	2436.4	2440.7	2444.4	*2441.2*	2444.4
15°	2305.0	2329.0	2352.7	2362.7	2372.4	2366.8	2360.8	2352.5	2344.1	*2338.7*	2344.1
17.5°	2310.4	2318.7	2327.4	2309.3	2291.5	2259.1	2226.8	2202.5	2178.2	*2160.7*	2178.2
20°	2327.9	2314.4	2300.9	2252.9	2205.2	2144.5	2083.8	2043.1	2002.1	*1977.2*	2002.1
22.5°	2346.8	2308.8	2270.7	2190.1	2109.4	2026.3	1943.5	1896.6	1849.9	*1823.5*	1849.9
25°	2376.5	2311.2	2245.6	2136.7	2028.0	1930.3	1832.9	1781.9	1731.2	*1702.1*	1731.2
27.5°	2419.6	2319.8	2220.0	2085.1	1950.3	1844.5	1738.5	1690.0	1641.4	*1615.8*	1641.4
30°	2480.3	2347.9	2215.2	2053.9	1892.3	1781.7	1671.1	1623.6	1575.9	*1548.3*	1575.9
32.5°	2554.5	2387.3	2220.0	2039.3	1858.6	1745.8	1633.3	1587.7	1542.4	*1518.7*	1542.4
35°	2679.9	2468.2	2256.4	2056.0	1855.9	1751.2	1646.8	1613.4	1580.2	*1567.2*	1580.2
37.5°	2839.1	2591.7	2344.1	2137.7	1931.4	1860.2	1789.0	1789.0	1789.0	*1799.2*	1789.0
40°	3073.8	2795.9	2518.1	2322.8	2127.8	2123.4	2119.7	2165.0	2210.6	*2230.8*	2210.6
42.5°	3402.9	3109.1	2815.6	2658.1	2500.6	2595.0	2689.4	2820.5	2951.6	*3037.3*	2951.6
45°	3811.5	3525.6	3239.7	3129.6	3019.8	3229.9	3439.8	3671.5	3903.2	*4067.8*	3903.2
47.5°	4202.7	3962.0	3721.2	3658.3	3595.7	3945.0	4294.4	4634.0	4973.6	*5173.7*	4973.6
50°	4655.8	4439.5	4222.9	4210.7	4198.6	4663.9	5129.2	5567.6	6005.9	*6250.0*	6005.9
52.5°	5237.1	4999.5	4761.6	4771.3	4780.4	5333.2	5885.9	6415.9	6946.0	*7221.1*	6946.0
55°	5931.7	5633.7	5335.6	5334.0	5332.3	5967.3	6602.9	7254.0	7905.7	*8273.1*	7905.7
57.5°	6639.8	6360.6	6081.4	6015.1	5948.5	6612.6	7276.4	7995.6	8715.0	*9101.2*	8715.0
60°	7171.2	7017.5	6863.7	6757.4	6651.4	7333.3	8015.5	8758.4	9501.0	*9886.2*	9501.0
62.5°	6951.4	7226.2	7501.1	7493.3	7485.5	8221.6	8957.7	9730.3	10503.4	*10849.2*	10503.4
65°	*6209.6*	*6647.9*	*7086.2*	*7387.8*	*7689.1*	*8579.0*	*9468.6*	*10273.6*	*11078.5*	*11431.9*	*11078.5*
67.5°	5513.6	5899.9	6286.4	6533.3	6780.1	7782.7	8785.6	9699.0	10612.4	*10976.0*	10612.4
70°	4847.3	5275.2	5703.0	5879.4	6055.8	6907.7	7759.3	8481.9	9204.3	*9346.7*	9204.3
72.5°	4160.8	4669.6	5178.6	5253.3	5328.0	5947.9	6567.8	6952.7	7337.6	*7026.9*	7337.6
75°	3406.9	3980.9	4554.7	4604.6	4654.5	4847.6	5041.0	5138.9	5237.1	*5060.4*	5237.1
77.5°	2265.9	2762.7	3259.9	3371.8	3483.8	3612.4	3741.4	3734.6	3727.9	*3479.7*	3727.9
80°	1329.9	1718.6	2107.3	2121.8	2136.4	2233.0	2329.3	2427.7	2526.2	*2368.4*	2526.2
82.5°	664.9	878.3	1091.9	1124.8	1157.8	1216.8	1275.9	1303.4	1331.2	*1197.7*	1331.2
85°	151.1	206.6	262.2	315.9	369.6	431.6	493.6	486.6	479.6	*404.6*	479.6
87.5°	12.1	12.4	12.9	13.2	13.5	13.8	14.0	14.8	15.6	*16.2*	15.6
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°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1941.9	1937.3	1933.0	1928.7	1921.1	1913.9	1907.1	1900.4	1883.1	1866.1	1850.5
5°	2171.7	2162.8	2147.2	2131.5	2111.0	2090.5	2060.3	2029.8	1999.4	1969.1	1937.3
7.5°	2347.1	2335.5	2315.5	2295.5	2264.3	2233.0	2196.8	2160.7	2109.4	2058.2	2009.9
10°	2434.7	2425.6	2407.2	2388.6	2358.1	2327.9	2285.3	2242.9	2181.7	2120.2	2060.3
12.5°	2440.7	2436.4	2424.8	2412.9	2389.7	2366.2	2325.5	2284.8	2223.8	2162.8	2095.7
15°	2352.5	2360.8	2366.8	2372.4	2362.7	2352.7	2329.0	2305.0	2243.2	2181.7	2113.5
17.5°	2202.5	2226.8	2259.1	2291.5	2309.3	2327.4	2318.7	2310.4	2252.7	2195.2	2122.4
20°	2043.1	2083.8	2144.5	2205.2	2252.9	2300.9	2314.4	2327.9	2269.6	2211.4	2133.2
22.5°	1896.6	1943.5	2026.3	2109.4	2190.1	2270.7	2308.8	2346.8	2293.4	2240.2	2154.2
25°	1781.9	1832.9	1930.3	2028.0	2136.7	2245.6	2311.2	2376.5	2330.3	2284.2	2190.3
27.5°	1690.0	1738.5	1844.5	1950.3	2085.1	2220.0	2319.8	2419.6	2384.3	2349.0	2243.2
30°	1623.6	1671.1	1781.7	1892.3	2053.9	2215.2	2347.9	2480.3	2452.5	2425.0	2305.8
32.5°	1587.7	1633.3	1745.8	1858.6	2039.3	2220.0	2387.3	2554.5	2537.2	2520.0	2379.4
35°	1613.4	1646.8	1751.2	1855.9	2056.0	2256.4	2468.2	2679.9	2658.4	2636.8	2457.7
37.5°	1789.0	1789.0	1860.2	1931.4	2137.7	2344.1	2591.7	2839.1	2813.5	2787.8	2553.2
40°	2165.0	2119.7	2123.4	2127.8	2322.8	2518.1	2795.9	3073.8	3023.3	2972.6	2662.4
42.5°	2820.5	2689.4	2595.0	2500.6	2658.1	2815.6	3109.1	3402.9	3296.0	3188.9	2783.2
45°	3671.5	3439.8	3229.9	3019.8	3129.6	3239.7	3525.6	3811.5	3640.2	3468.9	2947.3
47.5°	4634.0	4294.4	3945.0	3595.7	3658.3	3721.2	3962.0	4202.7	3985.8	3768.9	3115.8
50°	5567.6	5129.2	4663.9	4198.6	4210.7	4222.9	4439.5	4655.8	4361.8	4067.8	3262.9
52.5°	6415.9	5885.9	5333.2	4780.4	4771.3	4761.6	4999.5	5237.1	4770.2	4303.0	3332.4
55°	7254.0	6602.9	5967.3	5332.3	5334.0	5335.6	5633.7	5931.7	5180.5	4429.2	3314.1
57.5°	7995.6	7276.4	6612.6	5948.5	6015.1	6081.4	6360.6	6639.8	5524.9	4410.4	3214.0
60°	8758.4	8015.5	7333.3	6651.4	6757.4	6863.7	7017.5	7171.2	5679.2	4187.0	2974.2
62.5°	9730.3	8957.7	8221.6	7485.5	7493.3	7501.1	7226.2	6951.4	5336.9	3722.5	2581.2
65°	*10273.6*	*9468.6*	*8579.0*	*7689.1*	*7387.8*	*7086.2*	*6647.9*	*6209.6*	*4603.2*	*2996.9*	*2024.7*
67.5°	9699.0	8785.6	7782.7	6780.1	6533.3	6286.4	5899.9	5513.6	3953.4	2393.2	1575.6
70°	8481.9	7759.3	6907.7	6055.8	5879.4	5703.0	5275.2	4847.3	3358.6	1869.9	1207.4
72.5°	6952.7	6567.8	5947.9	5328.0	5253.3	5178.6	4669.6	4160.8	2788.9	1416.7	907.7
75°	5138.9	5041.0	4847.6	4654.5	4604.6	4554.7	3980.9	3406.9	2226.8	1046.6	672.7
77.5°	3734.6	3741.4	3612.4	3483.8	3371.8	3259.9	2762.7	2265.9	1460.9	656.0	434.8
80°	2427.7	2329.3	2233.0	2136.4	2121.8	2107.3	1718.6	1329.9	837.6	345.3	240.3
82.5°	1303.4	1275.9	1216.8	1157.8	1124.8	1091.9	878.3	664.9	419.7	174.8	129.2
85°	486.6	493.6	431.6	369.6	315.9	262.2	206.6	151.1	99.8	48.6	41.0
87.5°	14.8	14.0	13.8	13.5	13.2	12.9	12.4	12.1	11.9	11.3	11.1
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1834.8	1819.2	1803.3	1788.1	1772.8	1757.4	1743.9	1729.3	1715.0	1703.7	1692.7
5°	1905.8	1874.7	1843.7	1814.3	1785.2	1754.7	1728.5	1702.6	1677.3	1656.2	1635.2
7.5°	1961.6	1918.4	1875.3	1836.7	1797.9	1757.4	1725.8	1694.3	1663.0	1635.7	1608.2
10°	2000.2	1947.0	1893.6	1849.1	1804.6	1761.4	1727.7	1694.5	1661.6	1633.6	1605.5
12.5°	2028.5	1968.9	1909.3	1860.2	1811.3	1764.1	1731.2	1703.7	1676.5	1656.8	1637.4
15°	2045.2	1981.0	1916.5	1861.3	1806.0	1753.4	1724.2	1706.4	1688.6	1687.0	1685.4
17.5°	2049.5	1976.2	1903.1	1838.6	1774.4	1712.9	1688.1	1685.6	1683.2	1709.9	1736.6
20°	2054.9	1968.9	1882.8	1798.1	1713.4	1632.0	1616.3	1631.7	1646.8	1699.1	1751.2
22.5°	2068.4	1963.2	1858.0	1751.7	1645.5	1548.3	1533.5	1556.2	1578.6	1646.8	1715.0
25°	2096.5	1962.7	1828.9	1696.4	1564.0	1452.6	1451.2	1475.8	1500.3	1563.5	1626.6
27.5°	2137.7	1967.8	1797.9	1639.8	1481.4	1367.6	1374.4	1397.8	1421.6	1468.5	1515.4
30°	2186.3	1978.9	1771.7	1590.4	1409.4	1298.8	1306.1	1324.5	1342.8	1376.8	1410.8
32.5°	2238.9	1991.3	1743.9	1547.3	1350.9	1248.9	1248.9	1256.7	1264.6	1286.7	1308.8
35°	2278.8	1988.3	1698.1	1498.2	1298.0	1219.3	1202.5	1196.1	1189.6	1204.1	1218.7
37.5°	2318.5	1979.9	1641.4	1443.7	1246.2	1184.2	1152.4	1135.1	1117.3	1124.3	1130.8
40°	2352.2	1961.1	1569.9	1378.7	1187.4	1138.3	1098.4	1072.5	1046.6	1046.1	1045.3
42.5°	2377.0	1928.4	1479.6	1301.3	1122.7	1088.4	1039.1	1006.2	973.2	969.7	966.2
45°	2425.6	1906.0	1386.5	1222.5	1058.8	1027.7	978.6	944.7	911.2	905.8	900.4
47.5°	2462.8	1879.9	1296.9	1144.3	992.1	956.3	910.4	881.5	852.4	849.2	845.7
50°	2457.9	1835.4	1212.5	1074.7	936.6	887.5	842.1	818.4	794.4	798.4	802.5
52.5°	2361.6	1744.2	1127.0	1012.1	897.7	834.9	786.3	768.5	750.4	763.1	775.5
55°	2199.0	1623.3	1047.2	959.8	871.8	809.2	752.1	732.1	712.1	729.9	747.7
57.5°	2017.7	1496.8	975.9	915.5	855.1	802.5	732.4	704.3	676.5	694.3	712.1
60°	1761.4	1336.9	912.3	869.9	827.6	786.3	716.2	681.1	646.0	657.9	669.5
62.5°	1439.9	1134.0	828.1	804.4	780.9	763.4	696.5	650.6	604.8	606.4	607.5
65°	*1052.6*	*891.2*	*729.7*	*724.5*	*719.7*	*714.8*	*659.5*	*610.2*	*561.1*	*555.7*	*550.3*
67.5°	758.0	681.4	604.8	619.1	633.4	640.6	602.9	559.5	515.8	504.7	493.6
70°	544.9	517.9	490.9	512.2	533.6	531.4	513.1	487.2	461.3	454.3	447.2
72.5°	398.7	398.1	397.9	414.1	430.2	408.7	420.3	414.3	408.7	403.5	398.7
75°	298.9	297.0	295.4	314.5	333.9	342.6	350.1	346.9	343.9	340.2	336.6
77.5°	213.6	215.3	216.3	237.4	258.4	283.2	284.6	277.6	270.3	266.5	262.2
80°	135.4	137.0	138.1	160.2	182.1	217.1	215.8	207.2	198.3	195.3	192.1
82.5°	83.6	83.9	84.2	95.0	105.7	125.4	130.8	130.8	130.8	128.9	126.8
85°	33.7	35.3	37.2	44.2	51.3	62.0	65.3	65.8	66.1	63.1	59.9
87.5°	10.8	11.3	12.1	13.5	14.8	16.2	18.9	20.5	22.1	23.7	24.8
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364943
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1682.9	1673.0	1661.4	1649.5	1641.1	1632.5	1626.8	1621.2	1618.5	1615.8	1613.6
5°	1617.9	1600.1	1584.5	1568.6	1556.2	1543.5	1533.2	1522.7	1518.4	1513.8	1510.9
7.5°	1585.0	1561.8	1542.4	1522.7	1504.1	1485.8	1473.9	1462.0	1455.0	1448.0	1442.9
10°	1581.0	1556.4	1530.8	1505.2	1484.7	1464.2	1446.4	1429.1	1419.1	1409.4	1404.0
12.5°	1614.7	1592.0	1561.6	1530.8	1503.0	1475.5	1453.7	1431.8	1419.4	1407.5	1399.4
15°	1677.6	1669.7	1641.4	1613.1	1574.8	1536.2	1504.9	1473.4	1456.1	1438.3	1428.3
17.5°	1752.0	1767.4	1747.7	1727.7	1673.8	1619.8	1573.2	1526.8	1501.4	1476.1	1467.2
20°	1792.7	1834.3	1832.1	1830.2	1759.8	1689.2	1627.9	1566.7	1532.7	1499.3	1485.8
22.5°	1774.9	1834.8	1850.2	1865.3	1796.2	1726.9	1651.4	1575.9	1535.9	1495.7	1483.1
25°	1691.0	1755.5	1784.1	1812.7	1755.8	1698.9	1625.5	1552.4	1510.3	1468.0	1455.0
27.5°	1567.2	1619.0	1651.1	1683.2	1648.4	1613.6	1554.3	1494.9	1457.7	1420.2	1406.5
30°	1445.8	1480.9	1506.5	1532.2	1509.2	1486.3	1443.7	1401.3	1373.5	1346.0	1337.4
32.5°	1335.0	1360.9	1375.2	1389.2	1371.4	1353.6	1325.5	1297.5	1280.2	1263.0	1257.3
35°	1239.8	1261.1	1271.9	1282.6	1267.8	1253.0	1227.9	1203.1	1190.7	1178.3	1173.7
37.5°	1148.9	1166.7	1182.0	1197.7	1186.9	1176.1	1154.8	1133.5	1118.9	1103.8	1095.7
40°	1062.5	1079.5	1098.9	1118.1	1116.2	1114.1	1093.8	1073.6	1052.6	1031.8	1020.7
42.5°	983.2	1000.2	1020.7	1041.2	1045.3	1049.3	1032.6	1015.6	991.3	967.0	950.0
45°	915.0	930.1	952.5	975.1	984.6	994.0	978.9	963.5	936.3	909.0	888.8
47.5°	861.0	876.7	901.5	926.6	936.6	946.8	936.6	926.6	903.1	879.4	861.6
50°	819.5	836.2	855.6	875.3	893.9	912.3	910.4	908.5	889.9	871.3	854.6
52.5°	790.9	806.5	826.8	847.0	866.4	886.1	889.1	892.3	878.8	865.3	850.8
55°	766.3	785.0	803.8	822.7	841.1	859.1	863.2	867.2	857.5	847.5	836.8
57.5°	732.4	752.6	771.5	790.4	811.7	833.0	836.2	839.5	829.2	818.7	810.6
60°	690.3	710.8	730.5	749.9	771.5	793.1	797.4	801.7	793.6	785.5	777.9
62.5°	630.9	654.1	670.3	686.5	707.0	727.8	734.0	740.5	736.7	733.2	724.5
65°	*572.4*	*594.8*	*607.5*	*620.4*	*638.2*	*656.0*	*662.2*	*668.4*	*666.5*	*664.9*	*658.7*
67.5°	514.1	534.6	545.2	555.7	567.8	580.0	587.0	594.0	590.5	586.7	580.2
70°	464.0	480.7	489.9	499.0	508.7	518.5	522.2	526.0	520.6	515.2	500.6
72.5°	411.4	424.0	431.9	439.7	448.9	458.0	460.2	462.6	454.3	445.6	428.6
75°	346.4	356.1	362.0	368.2	377.6	387.1	391.1	395.2	383.3	371.7	353.6
77.5°	271.1	280.0	285.7	291.3	299.1	307.0	308.1	309.7	299.4	289.2	278.4
80°	198.5	205.0	207.2	209.1	215.5	221.7	221.7	221.7	214.2	206.4	201.0
82.5°	125.4	124.1	121.4	118.7	125.2	131.6	133.8	136.2	132.7	129.5	123.5
85°	56.1	51.8	51.0	49.9	49.6	49.1	51.0	52.6	51.8	51.3	49.1
87.5°	26.4	27.5	26.7	25.6	24.5	23.7	21.6	19.4	17.8	16.2	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

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364943
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1611.7	1610.4	1611.7	1613.6	1615.8	1618.5	1621.2	1626.8	1632.5	1641.1	1649.5
5°	1507.9	1505.2	1507.9	1510.9	1513.8	1518.4	1522.7	1533.2	1543.5	1556.2	1568.6
7.5°	1437.7	1435.1	1437.7	1442.9	1448.0	1455.0	1462.0	1473.9	1485.8	1504.1	1522.7
10°	1398.6	1394.6	1398.6	1404.0	1409.4	1419.1	1429.1	1446.4	1464.2	1484.7	1505.2
12.5°	1391.4	1386.5	1391.4	1399.4	1407.5	1419.4	1431.8	1453.7	1475.5	1503.0	1530.8
15°	1418.3	1410.8	1418.3	1428.3	1438.3	1456.1	1473.4	1504.9	1536.2	1574.8	1613.1
17.5°	1458.0	1453.9	1458.0	1467.2	1476.1	1501.4	1526.8	1573.2	1619.8	1673.8	1727.7
20°	1472.3	1467.4	1472.3	1485.8	1499.3	1532.7	1566.7	1627.9	1689.2	1759.8	1830.2
22.5°	1470.1	1464.7	1470.1	1483.1	1495.7	1535.9	1575.9	1651.4	1726.9	1796.2	1865.3
25°	1441.8	1437.7	1441.8	1455.0	1468.0	1510.3	1552.4	1625.5	1698.9	1755.8	1812.7
27.5°	1392.4	1383.8	1392.4	1406.5	1420.2	1457.7	1494.9	1554.3	1613.6	1648.4	1683.2
30°	1328.5	1324.5	1328.5	1337.4	1346.0	1373.5	1401.3	1443.7	1486.3	1509.2	1532.2
32.5°	1251.6	1248.9	1251.6	1257.3	1263.0	1280.2	1297.5	1325.5	1353.6	1371.4	1389.2
35°	1169.4	1165.3	1169.4	1173.7	1178.3	1190.7	1203.1	1227.9	1253.0	1267.8	1282.6
37.5°	1087.6	1081.7	1087.6	1095.7	1103.8	1118.9	1133.5	1154.8	1176.1	1186.9	1197.7
40°	1009.4	1003.5	1009.4	1020.7	1031.8	1052.6	1073.6	1093.8	1114.1	1116.2	1118.1
42.5°	933.3	922.5	933.3	950.0	967.0	991.3	1015.6	1032.6	1049.3	1045.3	1041.2
45°	868.6	855.1	868.6	888.8	909.0	936.3	963.5	978.9	994.0	984.6	975.1
47.5°	843.8	830.8	843.8	861.6	879.4	903.1	926.6	936.6	946.8	936.6	926.6
50°	837.6	825.4	837.6	854.6	871.3	889.9	908.5	910.4	912.3	893.9	875.3
52.5°	836.2	825.4	836.2	850.8	865.3	878.8	892.3	889.1	886.1	866.4	847.0
55°	826.0	817.3	826.0	836.8	847.5	857.5	867.2	863.2	859.1	841.1	822.7
57.5°	802.5	798.4	802.5	810.6	818.7	829.2	839.5	836.2	833.0	811.7	790.4
60°	770.1	763.4	770.1	777.9	785.5	793.6	801.7	797.4	793.1	771.5	749.9
62.5°	716.2	706.7	716.2	724.5	733.2	736.7	740.5	734.0	727.8	707.0	686.5
65°	*652.8*	*642.0*	*652.8*	*658.7*	*664.9*	*666.5*	*668.4*	*662.2*	*656.0*	*638.2*	*620.4*
67.5°	574.0	571.9	574.0	580.2	586.7	590.5	594.0	587.0	580.0	567.8	555.7
70°	486.1	469.4	486.1	500.6	515.2	520.6	526.0	522.2	518.5	508.7	499.0
72.5°	411.4	393.8	411.4	428.6	445.6	454.3	462.6	460.2	458.0	448.9	439.7
75°	335.8	323.7	335.8	353.6	371.7	383.3	395.2	391.1	387.1	377.6	368.2
77.5°	267.6	261.7	267.6	278.4	289.2	299.4	309.7	308.1	307.0	299.1	291.3
80°	195.6	191.5	195.6	201.0	206.4	214.2	221.7	221.7	221.7	215.5	209.1
82.5°	117.3	113.3	117.3	123.5	129.5	132.7	136.2	133.8	131.6	125.2	118.7
85°	47.2	45.9	47.2	49.1	51.3	51.8	52.6	51.0	49.1	49.6	49.9
87.5°	14.0	13.5	14.0	15.1	16.2	17.8	19.4	21.6	23.7	24.5	25.6
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°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1661.4	1673.0	1682.9	1692.7	1703.7	1715.0	1729.3	1743.9	1757.4	1772.8	1788.1
5°	1584.5	1600.1	1617.9	1635.2	1656.2	1677.3	1702.6	1728.5	1754.7	1785.2	1814.3
7.5°	1542.4	1561.8	1585.0	1608.2	1635.7	1663.0	1694.3	1725.8	1757.4	1797.9	1836.7
10°	1530.8	1556.4	1581.0	1605.5	1633.6	1661.6	1694.5	1727.7	1761.4	1804.6	1849.1
12.5°	1561.6	1592.0	1614.7	1637.4	1656.8	1676.5	1703.7	1731.2	1764.1	1811.3	1860.2
15°	1641.4	1669.7	1677.6	1685.4	1687.0	1688.6	1706.4	1724.2	1753.4	1806.0	1861.3
17.5°	1747.7	1767.4	1752.0	1736.6	1709.9	1683.2	1685.6	1688.1	1712.9	1774.4	1838.6
20°	1832.1	1834.3	1792.7	1751.2	1699.1	1646.8	1631.7	1616.3	1632.0	1713.4	1798.1
22.5°	1850.2	1834.8	1774.9	1715.0	1646.8	1578.6	1556.2	1533.5	1548.3	1645.5	1751.7
25°	1784.1	1755.5	1691.0	1626.6	1563.5	1500.3	1475.8	1451.2	1452.6	1564.0	1696.4
27.5°	1651.1	1619.0	1567.2	1515.4	1468.5	1421.6	1397.8	1374.4	1367.6	1481.4	1639.8
30°	1506.5	1480.9	1445.8	1410.8	1376.8	1342.8	1324.5	1306.1	1298.8	1409.4	1590.4
32.5°	1375.2	1360.9	1335.0	1308.8	1286.7	1264.6	1256.7	1248.9	1248.9	1350.9	1547.3
35°	1271.9	1261.1	1239.8	1218.7	1204.1	1189.6	1196.1	1202.5	1219.3	1298.0	1498.2
37.5°	1182.0	1166.7	1148.9	1130.8	1124.3	1117.3	1135.1	1152.4	1184.2	1246.2	1443.7
40°	1098.9	1079.5	1062.5	1045.3	1046.1	1046.6	1072.5	1098.4	1138.3	1187.4	1378.7
42.5°	1020.7	1000.2	983.2	966.2	969.7	973.2	1006.2	1039.1	1088.4	1122.7	1301.3
45°	952.5	930.1	915.0	900.4	905.8	911.2	944.7	978.6	1027.7	1058.8	1222.5
47.5°	901.5	876.7	861.0	845.7	849.2	852.4	881.5	910.4	956.3	992.1	1144.3
50°	855.6	836.2	819.5	802.5	798.4	794.4	818.4	842.1	887.5	936.6	1074.7
52.5°	826.8	806.5	790.9	775.5	763.1	750.4	768.5	786.3	834.9	897.7	1012.1
55°	803.8	785.0	766.3	747.7	729.9	712.1	732.1	752.1	809.2	871.8	959.8
57.5°	771.5	752.6	732.4	712.1	694.3	676.5	704.3	732.4	802.5	855.1	915.5
60°	730.5	710.8	690.3	669.5	657.9	646.0	681.1	716.2	786.3	827.6	869.9
62.5°	670.3	654.1	630.9	607.5	606.4	604.8	650.6	696.5	763.4	780.9	804.4
65°	*607.5*	*594.8*	*572.4*	*550.3*	*555.7*	*561.1*	*610.2*	*659.5*	*714.8*	*719.7*	*724.5*
67.5°	545.2	534.6	514.1	493.6	504.7	515.8	559.5	602.9	640.6	633.4	619.1
70°	489.9	480.7	464.0	447.2	454.3	461.3	487.2	513.1	531.4	533.6	512.2
72.5°	431.9	424.0	411.4	398.7	403.5	408.7	414.3	420.3	408.7	430.2	414.1
75°	362.0	356.1	346.4	336.6	340.2	343.9	346.9	350.1	342.6	333.9	314.5
77.5°	285.7	280.0	271.1	262.2	266.5	270.3	277.6	284.6	283.2	258.4	237.4
80°	207.2	205.0	198.5	192.1	195.3	198.3	207.2	215.8	217.1	182.1	160.2
82.5°	121.4	124.1	125.4	126.8	128.9	130.8	130.8	130.8	125.4	105.7	95.0
85°	51.0	51.8	56.1	59.9	63.1	66.1	65.8	65.3	62.0	51.3	44.2
87.5°	26.7	27.5	26.4	24.8	23.7	22.1	20.5	18.9	16.2	14.8	13.5
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°	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7	1758.7
2.5°	1803.3	1819.2	1834.8	1850.5	1866.1	1883.1	1900.4
5°	1843.7	1874.7	1905.8	1937.3	1969.1	1999.4	2029.8
7.5°	1875.3	1918.4	1961.6	2009.9	2058.2	2109.4	2160.7
10°	1893.6	1947.0	2000.2	2060.3	2120.2	2181.7	2242.9
12.5°	1909.3	1968.9	2028.5	2095.7	2162.8	2223.8	2284.8
15°	1916.5	1981.0	2045.2	2113.5	2181.7	2243.2	2305.0
17.5°	1903.1	1976.2	2049.5	2122.4	2195.2	2252.7	2310.4
20°	1882.8	1968.9	2054.9	2133.2	2211.4	2269.6	2327.9
22.5°	1858.0	1963.2	2068.4	2154.2	2240.2	2293.4	2346.8
25°	1828.9	1962.7	2096.5	2190.3	2284.2	2330.3	2376.5
27.5°	1797.9	1967.8	2137.7	2243.2	2349.0	2384.3	2419.6
30°	1771.7	1978.9	2186.3	2305.8	2425.0	2452.5	2480.3
32.5°	1743.9	1991.3	2238.9	2379.4	2520.0	2537.2	2554.5
35°	1698.1	1988.3	2278.8	2457.7	2636.8	2658.4	2679.9
37.5°	1641.4	1979.9	2318.5	2553.2	2787.8	2813.5	2839.1
40°	1569.9	1961.1	2352.2	2662.4	2972.6	3023.3	3073.8
42.5°	1479.6	1928.4	2377.0	2783.2	3188.9	3296.0	3402.9
45°	1386.5	1906.0	2425.6	2947.3	3468.9	3640.2	3811.5
47.5°	1296.9	1879.9	2462.8	3115.8	3768.9	3985.8	4202.7
50°	1212.5	1835.4	2457.9	3262.9	4067.8	4361.8	4655.8
52.5°	1127.0	1744.2	2361.6	3332.4	4303.0	4770.2	5237.1
55°	1047.2	1623.3	2199.0	3314.1	4429.2	5180.5	5931.7
57.5°	975.9	1496.8	2017.7	3214.0	4410.4	5524.9	6639.8
60°	912.3	1336.9	1761.4	2974.2	4187.0	5679.2	7171.2
62.5°	828.1	1134.0	1439.9	2581.2	3722.5	5336.9	6951.4
65°	*729.7*	*891.2*	*1052.6*	*2024.7*	*2996.9*	*4603.2*	*6209.6*
67.5°	604.8	681.4	758.0	1575.6	2393.2	3953.4	5513.6
70°	490.9	517.9	544.9	1207.4	1869.9	3358.6	4847.3
72.5°	397.9	398.1	398.7	907.7	1416.7	2788.9	4160.8
75°	295.4	297.0	298.9	672.7	1046.6	2226.8	3406.9
77.5°	216.3	215.3	213.6	434.8	656.0	1460.9	2265.9
80°	138.1	137.0	135.4	240.3	345.3	837.6	1329.9
82.5°	84.2	83.9	83.6	129.2	174.8	419.7	664.9
85°	37.2	35.3	33.7	41.0	48.6	99.8	151.1
87.5°	12.1	11.3	10.8	11.1	11.3	11.9	12.1
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

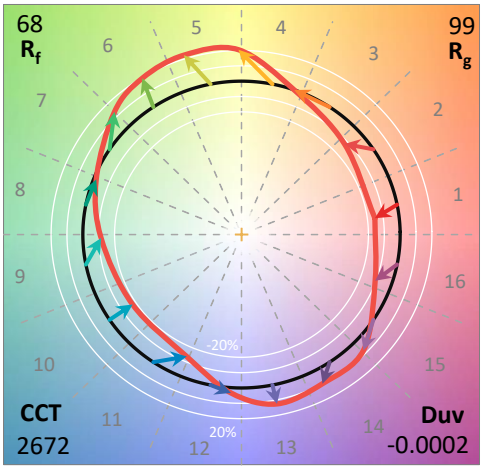
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



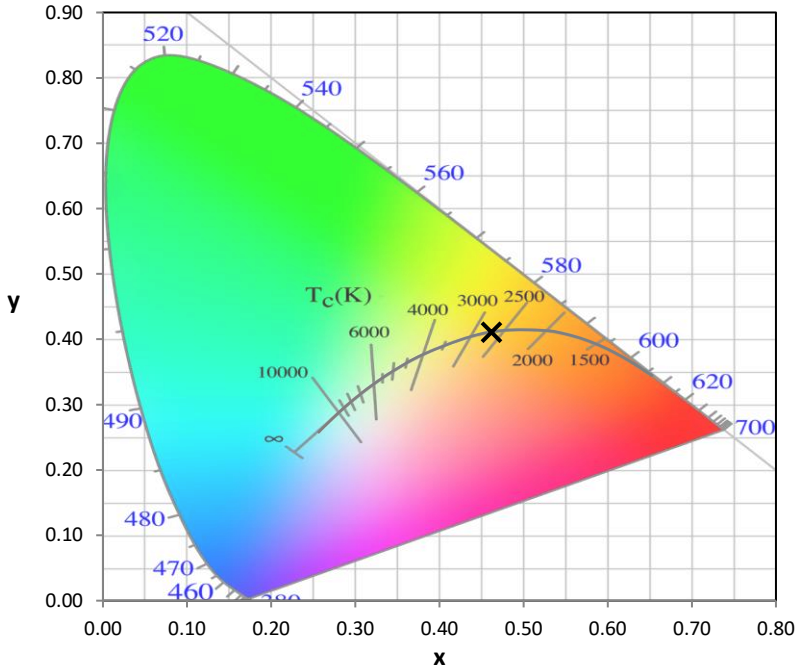
Test Conditions

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

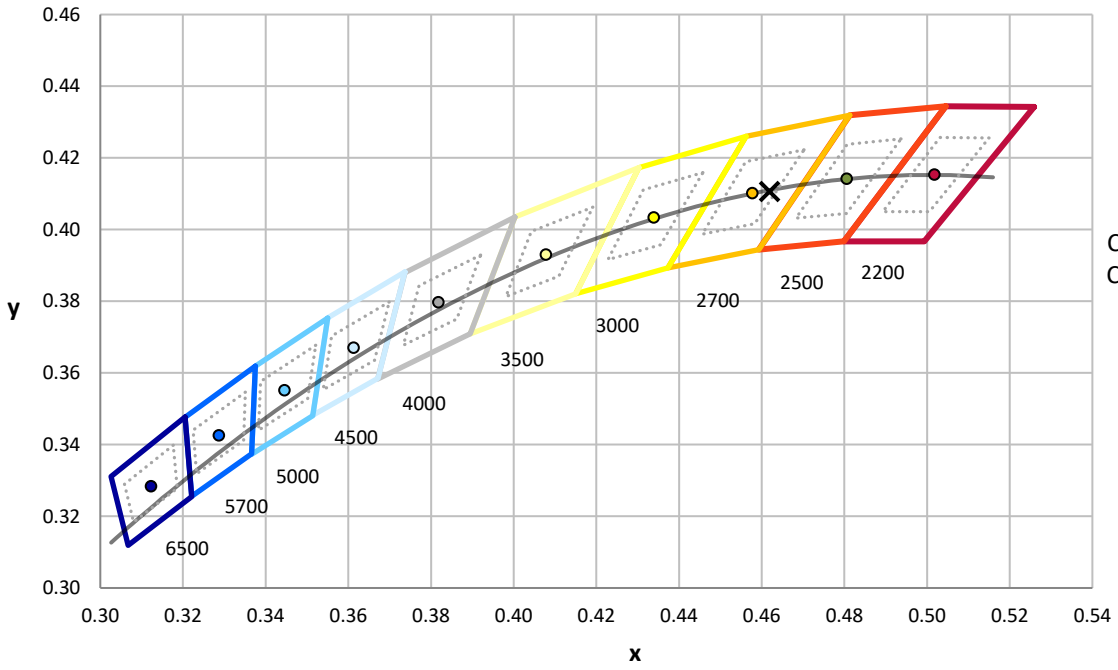
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

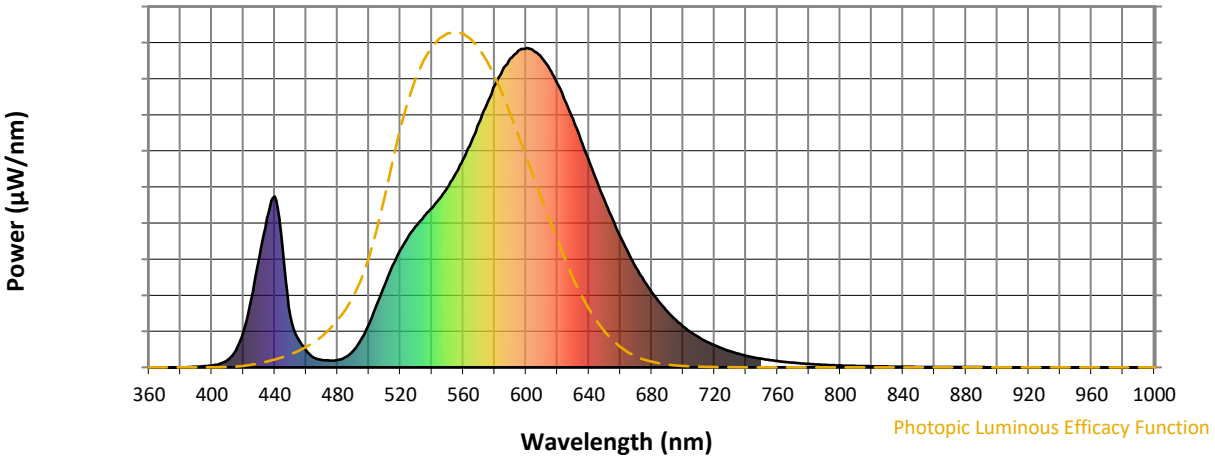


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

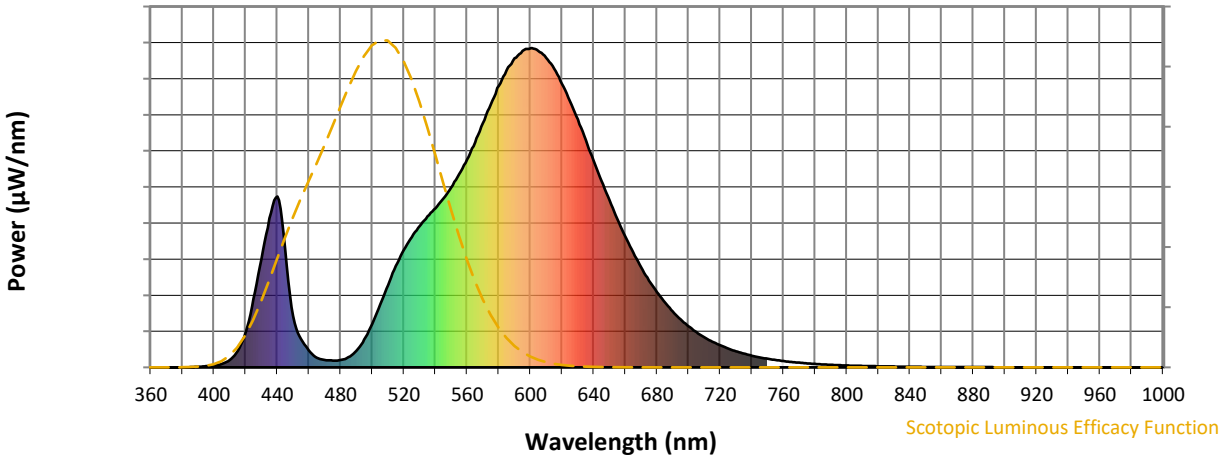


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

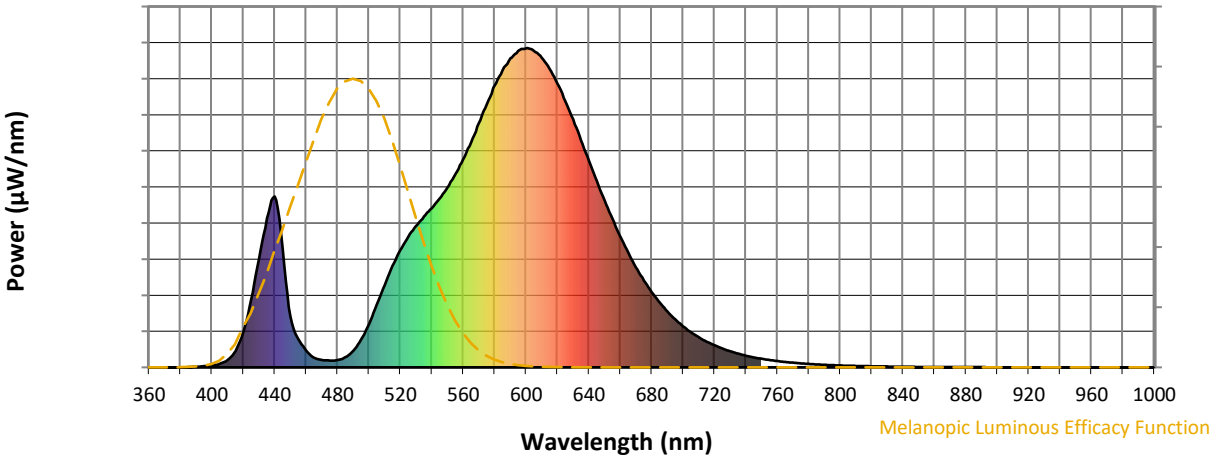


Scotopic Lumens: NR **S/P: 1.02**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

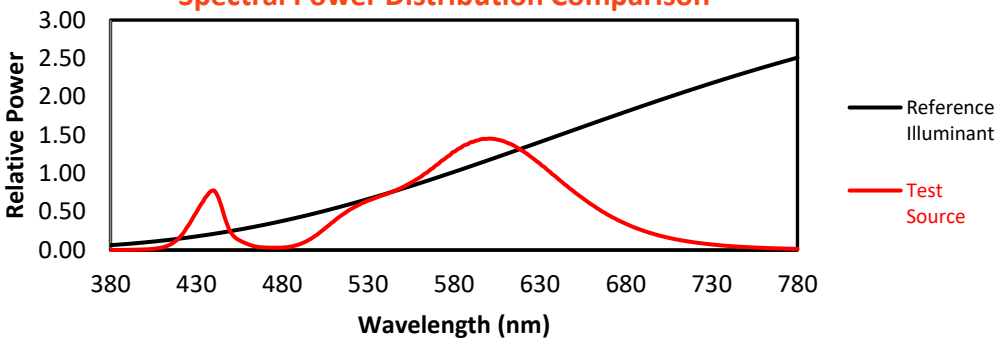
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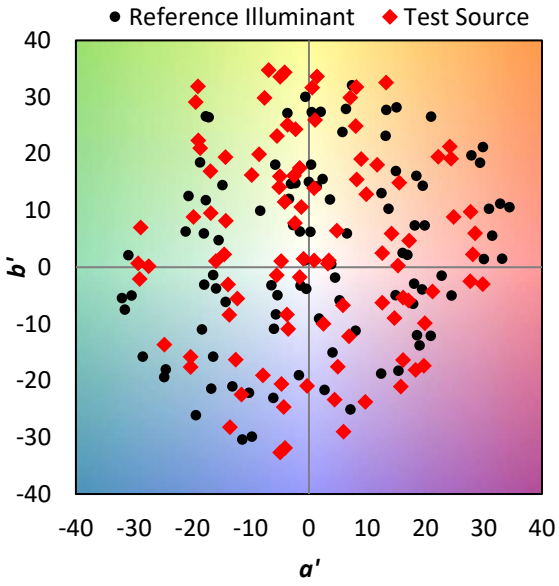
Summary

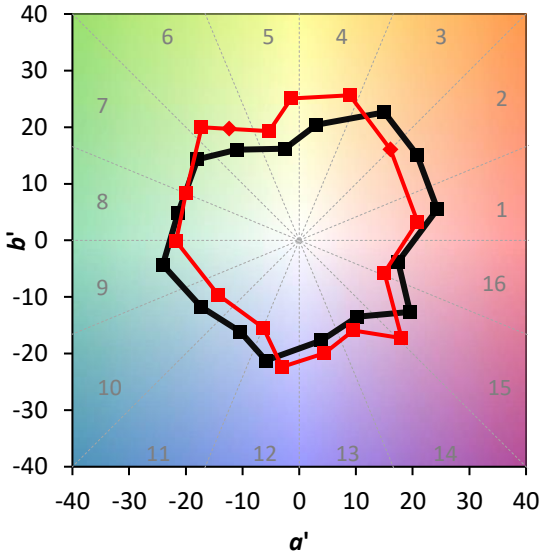
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

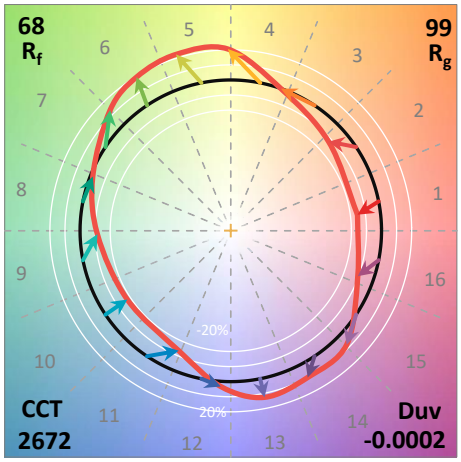
Spectral Power Distribution Comparison

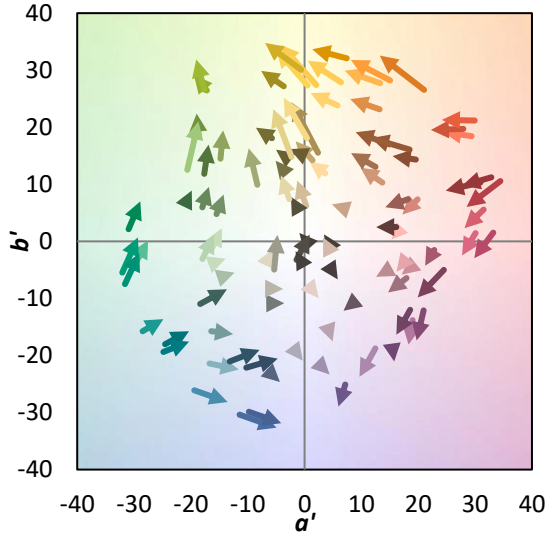


Color Vector Graphics







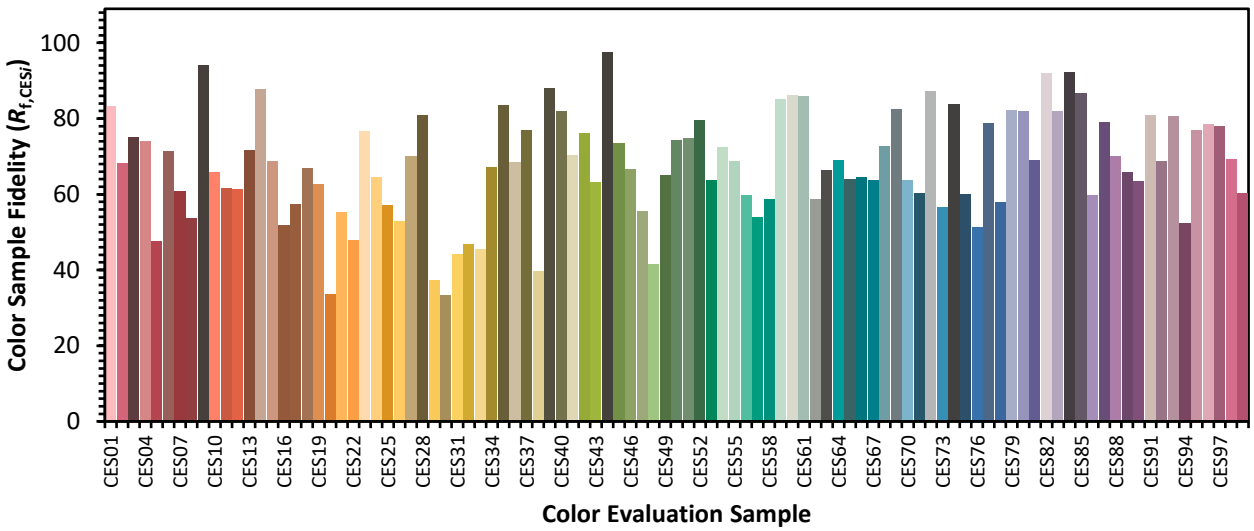


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Individual Sample Fidelity Index ($R_{f,i}$)

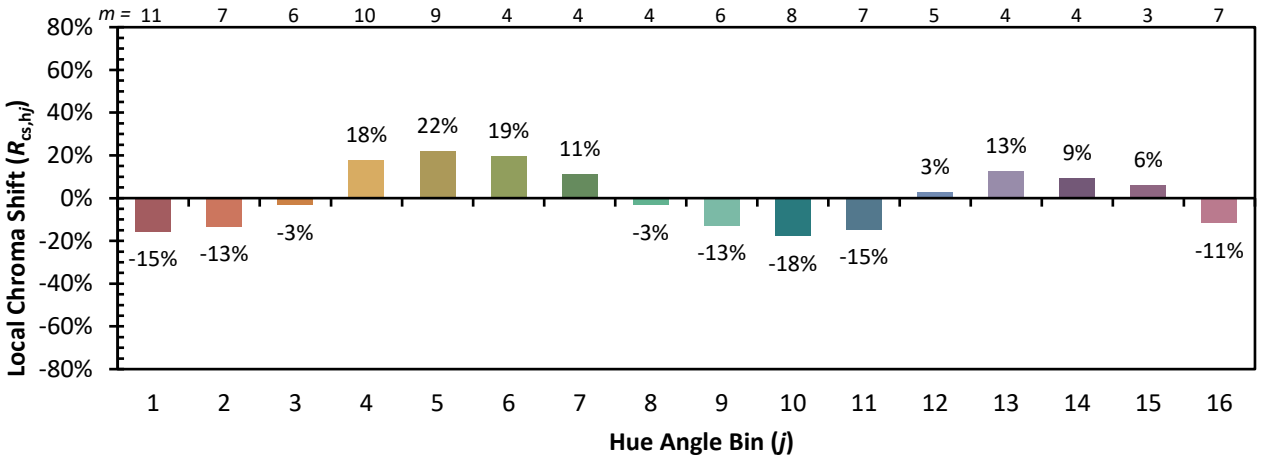
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

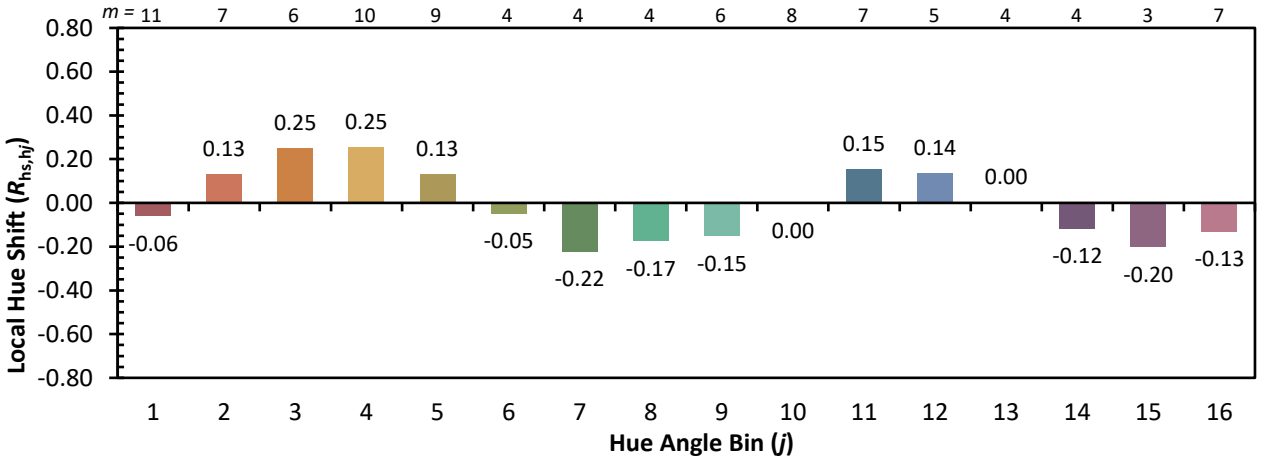


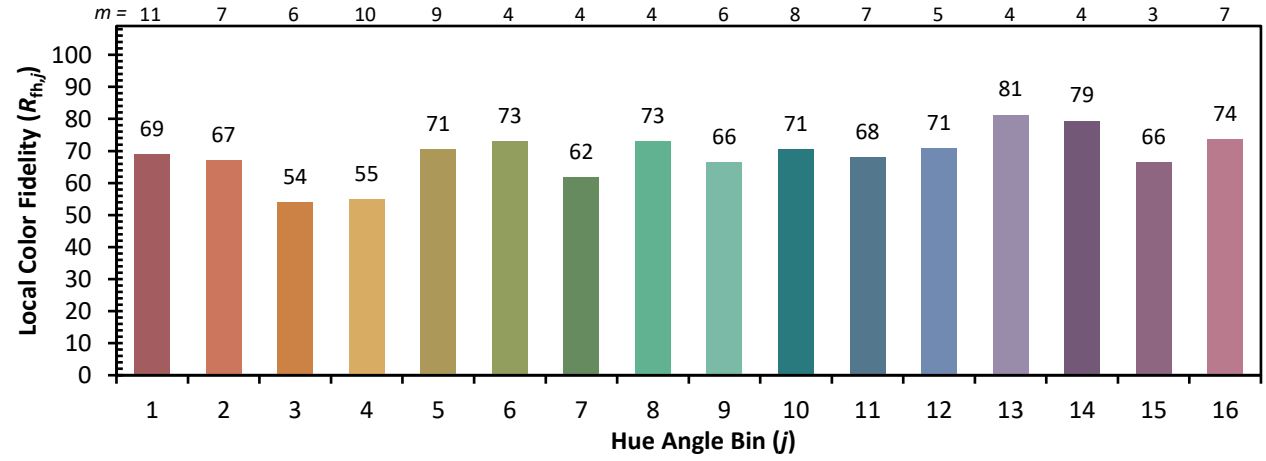
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Color Rendition by Hue-Angle Bin



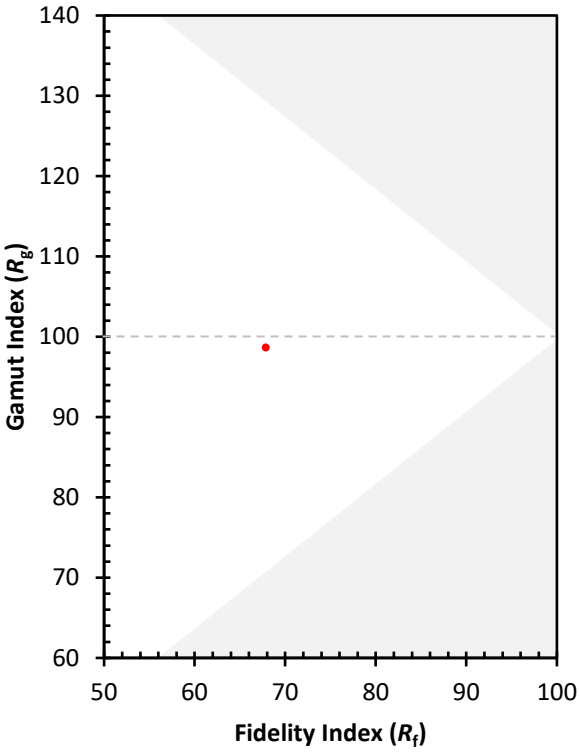


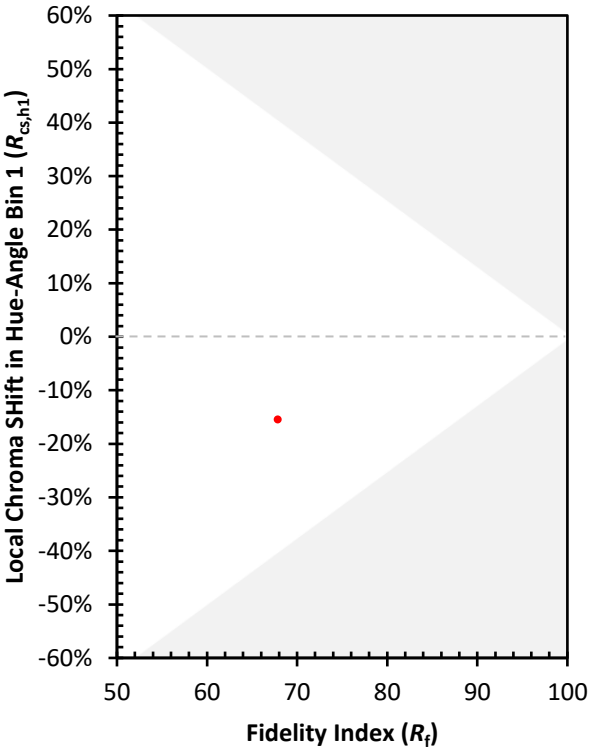


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Measure Comparisons





(END OF REPORT)