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: P1364200

Luminaire Tested: **GSS-SB3B-730-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364200
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14973.6 lumens
Efficiency:	N/A
Efficacy:	137.4 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

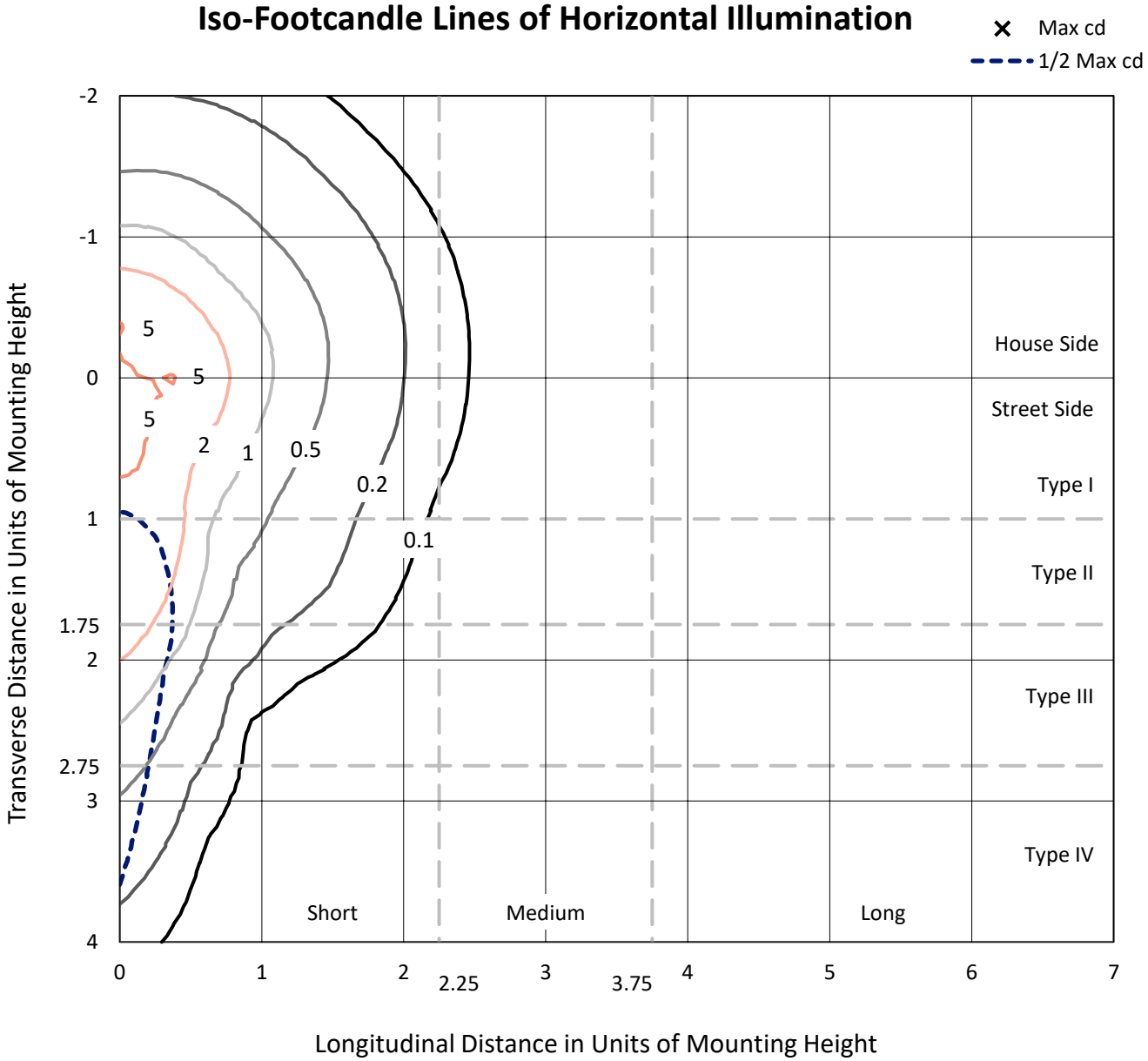
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



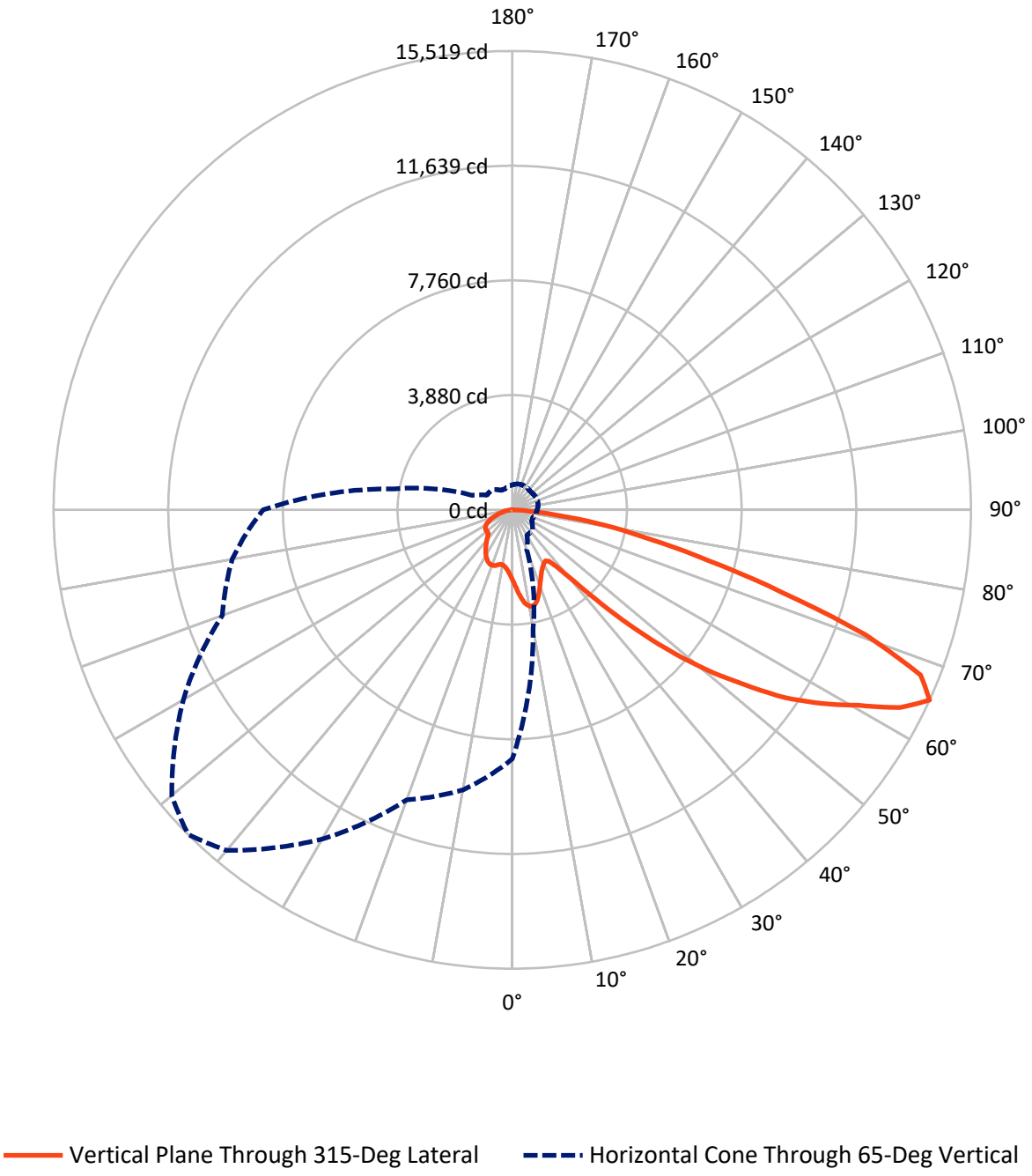
Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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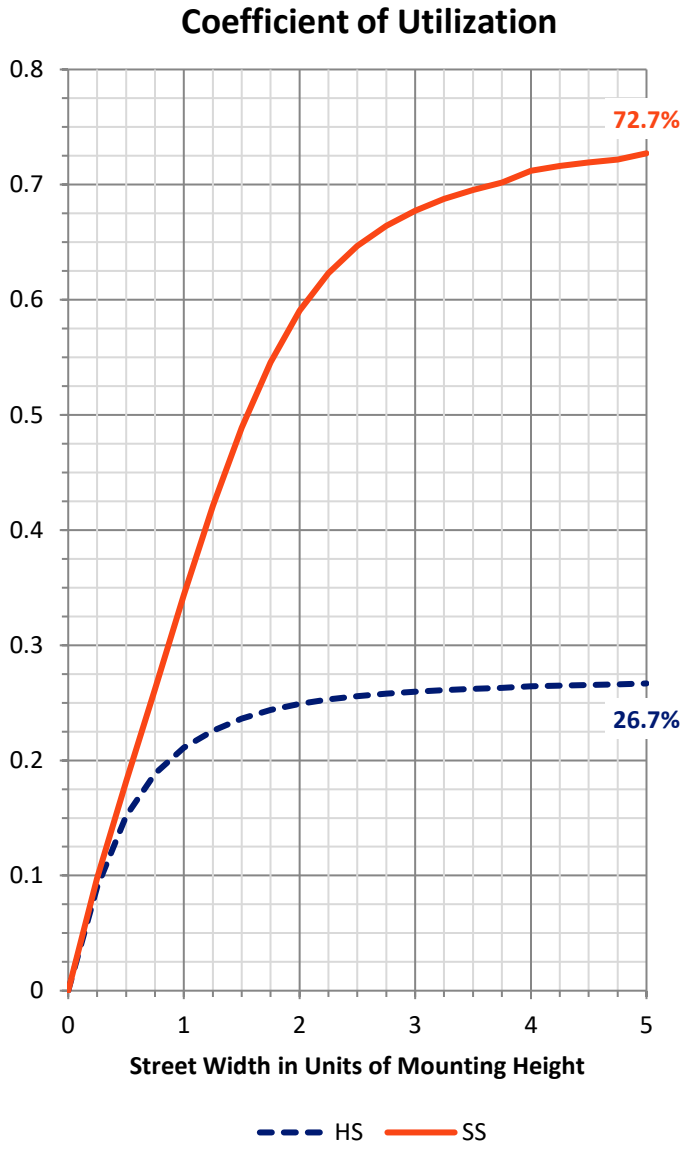
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4028.2	0.0	4028.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	10945.4	0.0	10945.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	14973.6	0.0	14973.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.8	1.6
10°-20°	722.5	4.8
20°-30°	1118.1	7.5
30°-40°	1387.2	9.3
40°-50°	2028.6	13.5
50°-60°	3177.5	21.2
60°-70°	3770.3	25.2
70°-80°	2199.0	14.7
80°-90°	334.5	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°	14973.6	100.0
0°-180°	14973.6	100.0



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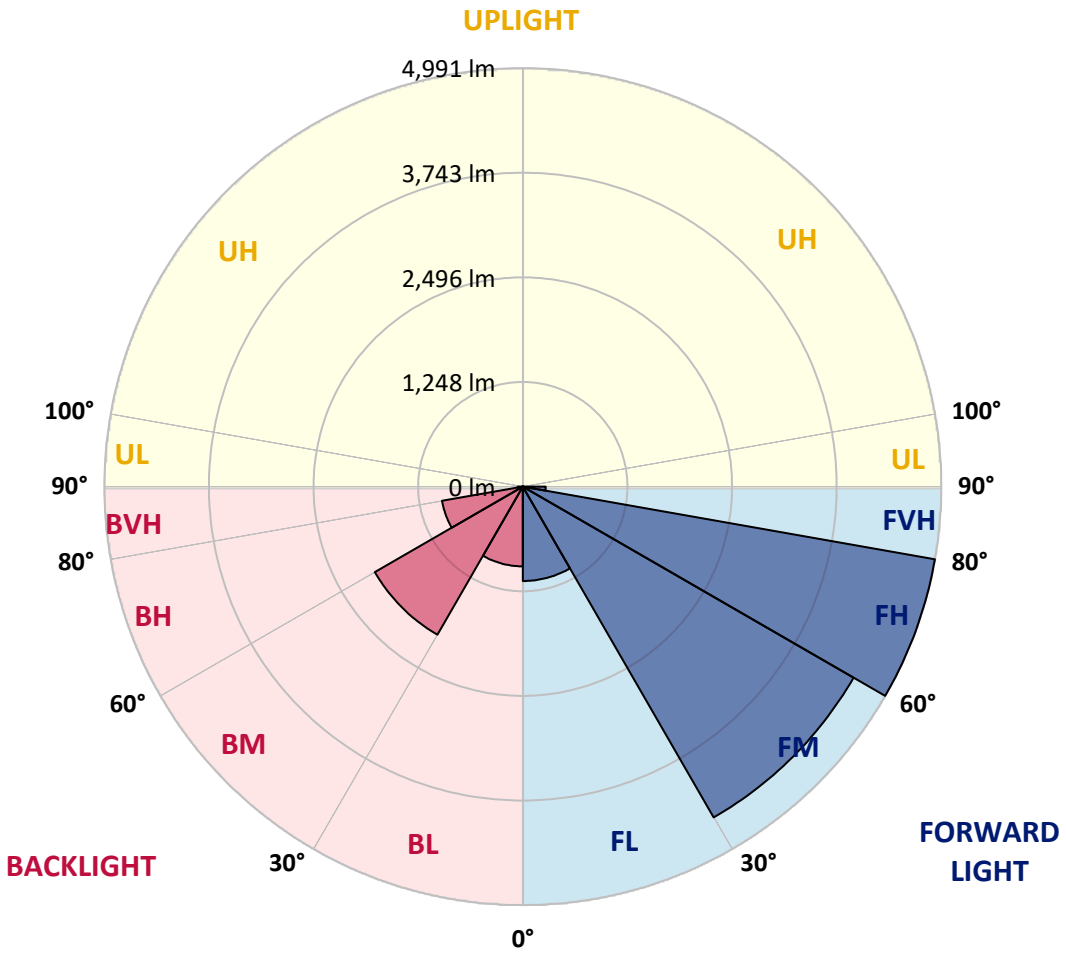
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1125.4	7.5			
FM	(30°-60°)	4555.3	30.4			
FH	(60°-80°)	4991.1	33.3			G2/5000
FVH	(80°-90°)	273.6	1.8			G3/500
BL	(0°-30°)	950.9	6.4	B2/1000		
BM	(30°-60°)	2038.1	13.6	B2/2500		
BH	(60°-80°)	978.3	6.5	B2/1000		G2/1000
BVH	(80°-90°)	60.9	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2579.8	2556.4	2533.3	2512.1	2490.8	2469.6	2448.0	2427.5	2406.6	2385.7	2367.4
5°	2755.6	2714.2	2673.2	2630.0	2587.1	2545.0	2502.9	2463.0	2423.5	2382.1	2346.6
7.5°	2933.2	2863.6	2794.0	2728.5	2662.9	2604.4	2545.8	2493.4	2440.7	2385.7	2342.9
10°	3044.9	2961.8	2878.3	2797.0	2715.3	2643.2	2570.7	2510.2	2449.8	2391.2	2345.5
12.5°	3101.6	3018.9	2936.1	2844.9	2753.8	2672.8	2591.9	2525.3	2459.0	2394.9	2350.2
15°	3129.1	3045.2	2961.8	2869.1	2776.5	2689.3	2601.8	2526.7	2451.7	2380.2	2340.7
17.5°	3136.4	3058.1	2980.1	2881.2	2782.3	2682.7	2583.5	2496.0	2408.8	2325.3	2291.6
20°	3160.2	3081.1	3002.0	2895.8	2789.6	2672.8	2556.0	2441.0	2326.0	2215.5	2194.2
22.5°	3185.9	3113.4	3041.2	2924.4	2808.0	2665.1	2522.3	2378.0	2233.8	2101.9	2081.8
25°	3226.1	3163.5	3100.9	2973.5	2846.0	2664.4	2482.8	2303.0	2123.2	1971.9	1970.1
27.5°	3284.7	3236.8	3188.8	3045.2	2902.1	2671.4	2440.7	2226.1	2011.1	1856.6	1865.7
30°	3367.1	3329.4	3292.1	3130.2	2968.0	2686.4	2405.1	2159.1	1913.4	1763.2	1773.1
32.5°	3467.8	3444.4	3421.0	3230.2	3039.4	2703.2	2367.4	2100.5	1833.9	1695.5	1695.5
35°	3638.1	3608.8	3579.5	3336.4	3093.6	2699.2	2305.2	2033.8	1762.1	1655.2	1632.5
37.5°	3854.2	3819.4	3784.6	3466.0	3147.4	2687.8	2228.3	1959.9	1691.8	1607.6	1564.4
40°	4172.8	4104.3	4035.4	3614.3	3193.2	2662.2	2131.2	1871.6	1612.0	1545.3	1491.1
42.5°	4619.5	4474.5	4329.1	3778.4	3226.9	2617.9	2008.6	1766.5	1524.1	1477.6	1410.6
45°	5174.3	4941.8	4709.2	4001.0	3292.8	2587.5	1882.2	1659.6	1437.3	1395.2	1328.5
47.5°	5705.3	5410.8	5116.4	4229.9	3343.3	2552.0	1760.6	1553.4	1346.9	1298.1	1235.9
50°	6320.5	5921.3	5522.2	4429.5	3336.7	2491.6	1646.0	1458.9	1271.4	1204.8	1143.2
52.5°	7109.6	6475.7	5841.5	4523.9	3206.0	2367.8	1529.9	1374.0	1218.7	1133.4	1067.4
55°	8052.6	7032.7	6012.9	4499.0	2985.2	2203.7	1421.6	1302.9	1183.5	1098.6	1020.9
57.5°	9013.8	7500.3	5987.2	4363.2	2739.1	2032.0	1324.9	1242.9	1160.8	1089.4	994.2
60°	9735.2	7709.8	5684.0	4037.6	2391.2	1814.8	1238.5	1181.0	1123.5	1067.4	972.2
62.5°	9436.8	7245.1	5053.4	3504.1	1954.7	1539.5	1124.2	1092.0	1060.1	1036.3	945.5
65°	*8429.7*	*6249.1*	*4068.4*	*2748.6*	*1428.9*	*1209.9*	*990.5*	*983.6*	*977.0*	*970.4*	*895.3*
67.5°	7485.0	5366.9	3248.9	2138.9	1029.0	925.0	821.0	840.4	859.8	869.7	818.4
70°	6580.5	4559.5	2538.4	1639.1	739.7	703.1	666.5	695.4	724.3	721.4	696.5
72.5°	5648.5	3786.1	1923.2	1232.2	541.2	540.5	540.1	562.1	584.1	554.8	570.5
75°	4625.0	3022.9	1420.8	913.3	405.7	403.2	401.0	427.0	453.3	465.1	475.3
77.5°	3076.0	1983.3	890.6	590.3	290.0	292.2	293.7	322.2	350.8	384.5	386.3
80°	1805.3	1137.0	468.7	326.3	183.8	186.0	187.5	217.5	247.2	294.8	293.0
82.5°	902.7	569.8	237.3	175.4	113.5	113.9	114.3	128.9	143.5	170.3	177.6
85°	205.1	135.5	65.9	55.7	45.8	48.0	50.5	60.1	69.6	84.2	88.6
87.5°	16.5	16.1	15.4	15.0	14.6	15.4	16.5	18.3	20.1	22.0	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

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2347.7	2328.2	2312.9	2297.9	2284.7	2271.1	2255.4	2239.3	2227.9	2216.2	2208.5
5°	2311.4	2277.0	2248.4	2219.9	2196.4	2172.2	2151.0	2129.4	2112.6	2095.3	2081.4
7.5°	2300.0	2257.6	2220.6	2183.2	2151.7	2120.2	2093.9	2067.2	2041.9	2017.0	2000.9
10°	2300.4	2255.7	2217.7	2179.6	2146.2	2112.9	2078.1	2043.3	2015.5	1987.7	1963.5
12.5°	2312.9	2275.9	2249.1	2222.8	2192.0	2161.3	2119.9	2078.1	2040.4	2003.1	1973.4
15°	2316.5	2292.4	2290.2	2288.0	2277.3	2266.7	2228.3	2189.8	2137.8	2085.5	2043.0
17.5°	2288.3	2285.0	2321.3	2357.5	2378.4	2399.3	2372.6	2345.5	2272.2	2199.0	2135.6
20°	2215.1	2235.6	2306.6	2377.3	2433.7	2490.1	2487.2	2484.6	2389.0	2293.1	2210.0
22.5°	2112.6	2143.0	2235.6	2328.2	2409.5	2490.8	2511.7	2532.2	2438.5	2344.4	2241.8
25°	2003.4	2036.8	2122.4	2208.1	2295.7	2383.2	2422.0	2460.8	2383.5	2306.3	2206.7
27.5°	1897.6	1929.8	1993.5	2057.3	2127.6	2197.9	2241.5	2285.0	2237.8	2190.6	2110.0
30°	1798.0	1822.9	1869.0	1915.2	1962.8	2010.4	2045.2	2080.0	2048.8	2017.7	1959.9
32.5°	1706.1	1716.7	1746.7	1776.8	1812.3	1847.4	1866.8	1885.9	1861.7	1837.5	1799.5
35°	1623.7	1614.9	1634.7	1654.5	1683.0	1711.9	1726.6	1741.2	1721.1	1701.0	1666.9
37.5°	1540.9	1516.8	1526.3	1535.1	1559.6	1583.8	1604.7	1625.9	1611.2	1596.6	1567.7
40°	1456.0	1420.8	1420.1	1419.0	1442.4	1465.5	1491.9	1517.9	1515.3	1512.4	1484.9
42.5°	1365.9	1321.2	1316.5	1311.7	1334.8	1357.8	1385.7	1413.5	1419.0	1424.5	1401.8
45°	1282.4	1237.0	1229.7	1222.3	1242.1	1262.6	1293.0	1323.8	1336.6	1349.4	1328.9
47.5°	1196.7	1157.2	1152.8	1148.0	1168.9	1190.1	1223.8	1257.9	1271.4	1285.3	1271.4
50°	1111.0	1078.4	1083.9	1089.4	1112.5	1135.2	1161.6	1188.3	1213.6	1238.5	1235.9
52.5°	1043.3	1018.7	1036.0	1052.8	1073.7	1094.9	1122.4	1149.8	1176.2	1202.9	1207.0
55°	993.8	966.7	990.9	1015.1	1040.4	1065.6	1091.3	1116.9	1141.8	1166.3	1171.8
57.5°	956.1	918.4	942.6	966.7	994.2	1021.7	1047.3	1072.9	1101.9	1130.8	1135.2
60°	924.6	877.0	893.1	908.9	937.1	964.9	991.6	1018.0	1047.3	1076.6	1082.5
62.5°	883.3	821.0	823.2	824.7	856.5	888.0	910.0	932.0	959.8	988.0	996.4
65°	*828.3*	*761.7*	*754.4*	*747.0*	*777.1*	*807.5*	*824.7*	*842.2*	*866.4*	*890.6*	*899.0*
67.5°	759.5	700.2	685.1	670.1	698.0	725.8	740.1	754.4	770.8	787.3	796.8
70°	661.3	626.2	616.7	607.1	629.8	652.6	665.0	677.5	690.6	703.8	708.9
72.5°	562.5	554.8	547.8	541.2	558.4	575.7	586.3	596.9	609.3	621.8	624.7
75°	470.9	466.9	461.8	457.0	470.2	483.4	491.4	499.9	512.7	525.5	531.0
77.5°	376.8	366.9	361.8	355.9	368.0	380.1	387.8	395.5	406.1	416.7	418.2
80°	281.2	269.2	265.1	260.7	269.5	278.3	281.2	283.8	292.6	301.0	301.0
82.5°	177.6	177.6	175.0	172.1	170.3	168.4	164.8	161.1	169.9	178.7	181.6
85°	89.4	89.7	85.7	81.3	76.2	70.3	69.2	67.7	67.4	66.6	69.2
87.5°	27.8	30.0	32.2	33.7	35.9	37.4	36.3	34.8	33.3	32.2	29.3
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°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2200.8	2197.1	2193.5	2190.6	2188.0	2186.2	2188.0	2190.6	2193.5	2197.1	2200.8
5°	2067.2	2061.3	2055.1	2051.0	2047.0	2043.3	2047.0	2051.0	2055.1	2061.3	2067.2
7.5°	1984.8	1975.2	1965.7	1958.8	1951.8	1948.1	1951.8	1958.8	1965.7	1975.2	1984.8
10°	1940.1	1926.5	1913.4	1906.0	1898.7	1893.2	1898.7	1906.0	1913.4	1926.5	1940.1
12.5°	1943.7	1926.9	1910.8	1899.8	1888.8	1882.2	1888.8	1899.8	1910.8	1926.9	1943.7
15°	2000.1	1976.7	1952.5	1939.0	1925.4	1915.2	1925.4	1939.0	1952.5	1976.7	2000.1
17.5°	2072.6	2038.2	2003.8	1991.7	1979.3	1973.8	1979.3	1991.7	2003.8	2038.2	2072.6
20°	2126.8	2080.7	2035.3	2017.0	1998.7	1992.1	1998.7	2017.0	2035.3	2080.7	2126.8
22.5°	2139.3	2085.1	2030.5	2013.3	1995.7	1988.4	1995.7	2013.3	2030.5	2085.1	2139.3
25°	2107.4	2050.3	1992.8	1975.2	1957.3	1951.8	1957.3	1975.2	1992.8	2050.3	2107.4
27.5°	2029.4	1978.9	1928.0	1909.3	1890.3	1878.6	1890.3	1909.3	1928.0	1978.9	2029.4
30°	1902.4	1864.6	1827.3	1815.6	1803.5	1798.0	1803.5	1815.6	1827.3	1864.6	1902.4
32.5°	1761.4	1737.9	1714.5	1706.8	1699.1	1695.5	1699.1	1706.8	1714.5	1737.9	1761.4
35°	1633.2	1616.4	1599.5	1593.3	1587.4	1581.9	1587.4	1593.3	1599.5	1616.4	1633.2
37.5°	1538.7	1519.0	1498.5	1487.5	1476.5	1468.4	1476.5	1487.5	1498.5	1519.0	1538.7
40°	1457.4	1428.9	1400.7	1385.7	1370.3	1362.2	1370.3	1385.7	1400.7	1428.9	1457.4
42.5°	1378.7	1345.8	1312.8	1289.7	1267.0	1252.4	1267.0	1289.7	1312.8	1345.8	1378.7
45°	1308.0	1271.1	1234.1	1206.6	1179.1	1160.8	1179.1	1206.6	1234.1	1271.1	1308.0
47.5°	1257.9	1226.0	1193.8	1169.6	1145.4	1127.9	1145.4	1169.6	1193.8	1226.0	1257.9
50°	1233.3	1208.1	1182.8	1160.1	1137.0	1120.5	1137.0	1160.1	1182.8	1208.1	1233.3
52.5°	1211.4	1193.1	1174.7	1155.0	1135.2	1120.5	1135.2	1155.0	1174.7	1193.1	1211.4
55°	1177.3	1164.1	1150.6	1135.9	1121.3	1109.6	1121.3	1135.9	1150.6	1164.1	1177.3
57.5°	1139.6	1125.7	1111.4	1100.4	1089.4	1083.9	1089.4	1100.4	1111.4	1125.7	1139.6
60°	1088.3	1077.3	1066.3	1056.1	1045.5	1036.3	1045.5	1056.1	1066.3	1077.3	1088.3
62.5°	1005.2	1000.1	995.3	983.6	972.2	959.4	972.2	983.6	995.3	1000.1	1005.2
65°	*907.4*	*904.9*	*902.7*	*894.2*	*886.2*	*871.5*	*886.2*	*894.2*	*902.7*	*904.9*	*907.4*
67.5°	806.4	801.6	796.5	787.7	779.3	776.3	779.3	787.7	796.5	801.6	806.4
70°	714.1	706.7	699.4	679.7	659.9	637.2	659.9	679.7	699.4	706.7	714.1
72.5°	628.0	616.7	604.9	581.9	558.4	534.6	558.4	581.9	604.9	616.7	628.0
75°	536.5	520.4	504.6	480.1	455.9	439.4	455.9	480.1	504.6	520.4	536.5
77.5°	420.4	406.5	392.6	377.9	363.3	355.2	363.3	377.9	392.6	406.5	420.4
80°	301.0	290.8	280.1	272.8	265.5	260.0	265.5	272.8	280.1	290.8	301.0
82.5°	184.9	180.2	175.8	167.7	159.3	153.8	159.3	167.7	175.8	180.2	184.9
85°	71.4	70.3	69.6	66.6	64.1	62.3	64.1	66.6	69.6	70.3	71.4
87.5°	26.4	24.2	22.0	20.5	19.0	18.3	19.0	20.5	22.0	24.2	26.4
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: P1364200
CATALOG NUMBER: GSS-SB3B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2208.5	2216.2	2227.9	2239.3	2255.4	2271.1	2284.7	2297.9	2312.9	2328.2	2347.7
5°	2081.4	2095.3	2112.6	2129.4	2151.0	2172.2	2196.4	2219.9	2248.4	2277.0	2311.4
7.5°	2000.9	2017.0	2041.9	2067.2	2093.9	2120.2	2151.7	2183.2	2220.6	2257.6	2300.0
10°	1963.5	1987.7	2015.5	2043.3	2078.1	2112.9	2146.2	2179.6	2217.7	2255.7	2300.4
12.5°	1973.4	2003.1	2040.4	2078.1	2119.9	2161.3	2192.0	2222.8	2249.1	2275.9	2312.9
15°	2043.0	2085.5	2137.8	2189.8	2228.3	2266.7	2277.3	2288.0	2290.2	2292.4	2316.5
17.5°	2135.6	2199.0	2272.2	2345.5	2372.6	2399.3	2378.4	2357.5	2321.3	2285.0	2288.3
20°	2210.0	2293.1	2389.0	2484.6	2487.2	2490.1	2433.7	2377.3	2306.6	2235.6	2215.1
22.5°	2241.8	2344.4	2438.5	2532.2	2511.7	2490.8	2409.5	2328.2	2235.6	2143.0	2112.6
25°	2206.7	2306.3	2383.5	2460.8	2422.0	2383.2	2295.7	2208.1	2122.4	2036.8	2003.4
27.5°	2110.0	2190.6	2237.8	2285.0	2241.5	2197.9	2127.6	2057.3	1993.5	1929.8	1897.6
30°	1959.9	2017.7	2048.8	2080.0	2045.2	2010.4	1962.8	1915.2	1869.0	1822.9	1798.0
32.5°	1799.5	1837.5	1861.7	1885.9	1866.8	1847.4	1812.3	1776.8	1746.7	1716.7	1706.1
35°	1666.9	1701.0	1721.1	1741.2	1726.6	1711.9	1683.0	1654.5	1634.7	1614.9	1623.7
37.5°	1567.7	1596.6	1611.2	1625.9	1604.7	1583.8	1559.6	1535.1	1526.3	1516.8	1540.9
40°	1484.9	1512.4	1515.3	1517.9	1491.9	1465.5	1442.4	1419.0	1420.1	1420.8	1456.0
42.5°	1401.8	1424.5	1419.0	1413.5	1385.7	1357.8	1334.8	1311.7	1316.5	1321.2	1365.9
45°	1328.9	1349.4	1336.6	1323.8	1293.0	1262.6	1242.1	1222.3	1229.7	1237.0	1282.4
47.5°	1271.4	1285.3	1271.4	1257.9	1223.8	1190.1	1168.9	1148.0	1152.8	1157.2	1196.7
50°	1235.9	1238.5	1213.6	1188.3	1161.6	1135.2	1112.5	1089.4	1083.9	1078.4	1111.0
52.5°	1207.0	1202.9	1176.2	1149.8	1122.4	1094.9	1073.7	1052.8	1036.0	1018.7	1043.3
55°	1171.8	1166.3	1141.8	1116.9	1091.3	1065.6	1040.4	1015.1	990.9	966.7	993.8
57.5°	1135.2	1130.8	1101.9	1072.9	1047.3	1021.7	994.2	966.7	942.6	918.4	956.1
60°	1082.5	1076.6	1047.3	1018.0	991.6	964.9	937.1	908.9	893.1	877.0	924.6
62.5°	996.4	988.0	959.8	932.0	910.0	888.0	856.5	824.7	823.2	821.0	883.3
65°	*899.0*	*890.6*	*866.4*	*842.2*	*824.7*	*807.5*	*777.1*	*747.0*	*754.4*	*761.7*	*828.3*
67.5°	796.8	787.3	770.8	754.4	740.1	725.8	698.0	670.1	685.1	700.2	759.5
70°	708.9	703.8	690.6	677.5	665.0	652.6	629.8	607.1	616.7	626.2	661.3
72.5°	624.7	621.8	609.3	596.9	586.3	575.7	558.4	541.2	547.8	554.8	562.5
75°	531.0	525.5	512.7	499.9	491.4	483.4	470.2	457.0	461.8	466.9	470.9
77.5°	418.2	416.7	406.1	395.5	387.8	380.1	368.0	355.9	361.8	366.9	376.8
80°	301.0	301.0	292.6	283.8	281.2	278.3	269.5	260.7	265.1	269.2	281.2
82.5°	181.6	178.7	169.9	161.1	164.8	168.4	170.3	172.1	175.0	177.6	177.6
85°	69.2	66.6	67.4	67.7	69.2	70.3	76.2	81.3	85.7	89.7	89.4
87.5°	29.3	32.2	33.3	34.8	36.3	37.4	35.9	33.7	32.2	30.0	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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364200
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2367.4	2385.7	2406.6	2427.5	2448.0	2469.6	2490.8	2512.1	2533.3	2556.4	2579.8
5°	2346.6	2382.1	2423.5	2463.0	2502.9	2545.0	2587.1	2630.0	2673.2	2714.2	2755.6
7.5°	2342.9	2385.7	2440.7	2493.4	2545.8	2604.4	2662.9	2728.5	2794.0	2863.6	2933.2
10°	2345.5	2391.2	2449.8	2510.2	2570.7	2643.2	2715.3	2797.0	2878.3	2961.8	3044.9
12.5°	2350.2	2394.9	2459.0	2525.3	2591.9	2672.8	2753.8	2844.9	2936.1	3018.9	3101.6
15°	2340.7	2380.2	2451.7	2526.7	2601.8	2689.3	2776.5	2869.1	2961.8	3045.2	3129.1
17.5°	2291.6	2325.3	2408.8	2496.0	2583.5	2682.7	2782.3	2881.2	2980.1	3058.1	3136.4
20°	2194.2	2215.5	2326.0	2441.0	2556.0	2672.8	2789.6	2895.8	3002.0	3081.1	3160.2
22.5°	2081.8	2101.9	2233.8	2378.0	2522.3	2665.1	2808.0	2924.4	3041.2	3113.4	3185.9
25°	1970.1	1971.9	2123.2	2303.0	2482.8	2664.4	2846.0	2973.5	3100.9	3163.5	3226.1
27.5°	1865.7	1856.6	2011.1	2226.1	2440.7	2671.4	2902.1	3045.2	3188.8	3236.8	3284.7
30°	1773.1	1763.2	1913.4	2159.1	2405.1	2686.4	2968.0	3130.2	3292.1	3329.4	3367.1
32.5°	1695.5	1695.5	1833.9	2100.5	2367.4	2703.2	3039.4	3230.2	3421.0	3444.4	3467.8
35°	1632.5	1655.2	1762.1	2033.8	2305.2	2699.2	3093.6	3336.4	3579.5	3608.8	3638.1
37.5°	1564.4	1607.6	1691.8	1959.9	2228.3	2687.8	3147.4	3466.0	3784.6	3819.4	3854.2
40°	1491.1	1545.3	1612.0	1871.6	2131.2	2662.2	3193.2	3614.3	4035.4	4104.3	4172.8
42.5°	1410.6	1477.6	1524.1	1766.5	2008.6	2617.9	3226.9	3778.4	4329.1	4474.5	4619.5
45°	1328.5	1395.2	1437.3	1659.6	1882.2	2587.5	3292.8	4001.0	4709.2	4941.8	5174.3
47.5°	1235.9	1298.1	1346.9	1553.4	1760.6	2552.0	3343.3	4229.9	5116.4	5410.8	5705.3
50°	1143.2	1204.8	1271.4	1458.9	1646.0	2491.6	3336.7	4429.5	5522.2	5921.3	6320.5
52.5°	1067.4	1133.4	1218.7	1374.0	1529.9	2367.8	3206.0	4523.9	5841.5	6475.7	7109.6
55°	1020.9	1098.6	1183.5	1302.9	1421.6	2203.7	2985.2	4499.0	6012.9	7032.7	8052.6
57.5°	994.2	1089.4	1160.8	1242.9	1324.9	2032.0	2739.1	4363.2	5987.2	7500.3	9013.8
60°	972.2	1067.4	1123.5	1181.0	1238.5	1814.8	2391.2	4037.6	5684.0	7709.8	9735.2
62.5°	945.5	1036.3	1060.1	1092.0	1124.2	1539.5	1954.7	3504.1	5053.4	7245.1	9436.8
65°	*895.3*	*970.4*	*977.0*	*983.6*	*990.5*	*1209.9*	*1428.9*	*2748.6*	*4068.4*	*6249.1*	*8429.7*
67.5°	818.4	869.7	859.8	840.4	821.0	925.0	1029.0	2138.9	3248.9	5366.9	7485.0
70°	696.5	721.4	724.3	695.4	666.5	703.1	739.7	1639.1	2538.4	4559.5	6580.5
72.5°	570.5	554.8	584.1	562.1	540.1	540.5	541.2	1232.2	1923.2	3786.1	5648.5
75°	475.3	465.1	453.3	427.0	401.0	403.2	405.7	913.3	1420.8	3022.9	4625.0
77.5°	386.3	384.5	350.8	322.2	293.7	292.2	290.0	590.3	890.6	1983.3	3076.0
80°	293.0	294.8	247.2	217.5	187.5	186.0	183.8	326.3	468.7	1137.0	1805.3
82.5°	177.6	170.3	143.5	128.9	114.3	113.9	113.5	175.4	237.3	569.8	902.7
85°	88.6	84.2	69.6	60.1	50.5	48.0	45.8	55.7	65.9	135.5	205.1
87.5°	25.6	22.0	20.1	18.3	16.5	15.4	14.6	15.0	15.4	16.1	16.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P1364200
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	*2387.6*	2387.6	2387.6
2.5°	2589.0	2598.1	2608.0	2618.3	2624.1	2630.0	2636.2	2642.1	*2647.6*	2642.1	2636.2
5°	2797.0	2838.0	2865.8	2893.6	2914.9	2936.1	2948.2	2960.7	*2962.5*	2960.7	2948.2
7.5°	2982.3	3031.3	3073.8	3116.3	3143.4	3170.5	3186.2	3202.3	*3207.8*	3202.3	3186.2
10°	3102.4	3160.2	3201.2	3242.6	3267.9	3292.8	3305.2	3317.7	*3321.4*	3317.7	3305.2
12.5°	3156.9	3212.2	3244.1	3275.6	3291.7	3307.4	3313.3	3318.4	*3314.0*	3318.4	3313.3
15°	3161.7	3193.9	3207.5	3220.7	3213.0	3204.9	3193.6	3182.2	*3174.9*	3182.2	3193.6
17.5°	3147.8	3159.5	3135.0	3110.8	3066.9	3022.9	2990.0	2957.0	*2933.2*	2957.0	2990.0
20°	3141.9	3123.6	3058.4	2993.6	2911.2	2828.8	2773.5	2717.9	*2684.2*	2717.9	2773.5
22.5°	3134.2	3082.6	2973.1	2863.6	2750.8	2638.4	2574.7	2511.3	*2475.5*	2511.3	2574.7
25°	3137.5	3048.5	2900.6	2753.0	2620.5	2488.3	2419.1	2350.2	*2310.7*	2350.2	2419.1
27.5°	3149.2	3013.8	2830.7	2647.6	2504.0	2360.1	2294.2	2228.3	*2193.5*	2228.3	2294.2
30°	3187.3	3007.2	2788.2	2568.8	2418.7	2268.6	2204.1	2139.3	*2101.9*	2139.3	2204.1
32.5°	3240.8	3013.8	2768.4	2523.1	2370.0	2217.3	2155.4	2093.9	*2061.7*	2093.9	2155.4
35°	3350.7	3063.2	2791.1	2519.4	2377.3	2235.6	2190.2	2145.1	*2127.6*	2145.1	2190.2
37.5°	3518.4	3182.2	2902.1	2621.9	2525.3	2428.6	2428.6	2428.6	*2442.5*	2428.6	2428.6
40°	3795.6	3418.4	3153.3	2888.5	2882.7	2877.5	2939.1	3000.9	*3028.4*	3000.9	2939.1
42.5°	4220.7	3822.3	3608.5	3394.6	3522.8	3650.9	3828.9	4006.9	*4123.3*	4006.9	3828.9
45°	4786.1	4398.0	4248.6	4099.5	4384.8	4669.7	4984.2	5298.8	*5522.2*	5298.8	4984.2
47.5°	5378.6	5051.6	4966.3	4881.3	5355.6	5829.8	6290.8	6751.8	*7023.6*	6751.8	6290.8
50°	6026.8	5732.7	5716.2	5699.8	6331.5	6963.1	7558.2	8153.3	*8484.7*	8153.3	7558.2
52.5°	6787.0	6464.0	6477.2	6489.6	7240.0	7990.3	8709.9	9429.4	*9802.9*	9429.4	8709.9
55°	7647.9	7243.3	7241.1	7238.9	8100.9	8963.6	9847.6	10732.3	*11231.1*	10732.3	9847.6
57.5°	8634.8	8255.8	8165.7	8075.3	8976.8	9878.0	10854.3	11830.9	*12355.3*	11830.9	10854.3
60°	9526.5	9317.7	9173.5	9029.6	9955.3	10881.4	11889.9	12898.0	*13420.9*	12898.0	11889.9
62.5°	9809.9	10183.1	10172.4	10161.8	11161.2	12160.5	13209.3	14258.8	*14728.2*	14258.8	13209.3
65°	*9024.8*	*9619.9*	*10029.3*	*10438.3*	*11646.4*	*12854.1*	*13946.8*	*15039.5*	*15519.2*	*15039.5*	*13946.8*
67.5°	8009.3	8534.1	8869.2	9204.2	10565.4	11926.9	13166.8	14406.7	*14900.3*	14406.7	13166.8
70°	7161.2	7742.0	7981.5	8221.0	9377.4	10533.5	11514.5	12495.2	*12688.5*	12495.2	11514.5
72.5°	6339.1	7030.1	7131.6	7233.0	8074.5	8916.0	9438.6	9961.1	*9539.3*	9961.1	9438.6
75°	5404.3	6183.1	6250.9	6318.6	6580.8	6843.4	6976.3	7109.6	*6869.8*	7109.6	6976.3
77.5°	3750.5	4425.4	4577.4	4729.4	4904.0	5079.1	5069.9	5060.8	*4723.9*	5060.8	5069.9
80°	2333.0	2860.7	2880.5	2900.2	3031.3	3162.1	3295.7	3429.4	*3215.2*	3429.4	3295.7
82.5°	1192.3	1482.3	1527.0	1571.7	1651.9	1732.1	1769.4	1807.2	*1625.9*	1807.2	1769.4
85°	280.5	355.9	428.8	501.7	585.9	670.1	660.6	651.1	*549.3*	651.1	660.6
87.5°	16.8	17.6	17.9	18.3	18.7	19.0	20.1	21.2	*22.0*	21.2	20.1
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

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REPORT NUMBER: P1364200
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6	2387.6
2.5°	2630.0	2624.1	2618.3	2608.0	2598.1	2589.0	2579.8
5°	2936.1	2914.9	2893.6	2865.8	2838.0	2797.0	2755.6
7.5°	3170.5	3143.4	3116.3	3073.8	3031.3	2982.3	2933.2
10°	3292.8	3267.9	3242.6	3201.2	3160.2	3102.4	3044.9
12.5°	3307.4	3291.7	3275.6	3244.1	3212.2	3156.9	3101.6
15°	3204.9	3213.0	3220.7	3207.5	3193.9	3161.7	3129.1
17.5°	3022.9	3066.9	3110.8	3135.0	3159.5	3147.8	3136.4
20°	2828.8	2911.2	2993.6	3058.4	3123.6	3141.9	3160.2
22.5°	2638.4	2750.8	2863.6	2973.1	3082.6	3134.2	3185.9
25°	2488.3	2620.5	2753.0	2900.6	3048.5	3137.5	3226.1
27.5°	2360.1	2504.0	2647.6	2830.7	3013.8	3149.2	3284.7
30°	2268.6	2418.7	2568.8	2788.2	3007.2	3187.3	3367.1
32.5°	2217.3	2370.0	2523.1	2768.4	3013.8	3240.8	3467.8
35°	2235.6	2377.3	2519.4	2791.1	3063.2	3350.7	3638.1
37.5°	2428.6	2525.3	2621.9	2902.1	3182.2	3518.4	3854.2
40°	2877.5	2882.7	2888.5	3153.3	3418.4	3795.6	4172.8
42.5°	3650.9	3522.8	3394.6	3608.5	3822.3	4220.7	4619.5
45°	4669.7	4384.8	4099.5	4248.6	4398.0	4786.1	5174.3
47.5°	5829.8	5355.6	4881.3	4966.3	5051.6	5378.6	5705.3
50°	6963.1	6331.5	5699.8	5716.2	5732.7	6026.8	6320.5
52.5°	7990.3	7240.0	6489.6	6477.2	6464.0	6787.0	7109.6
55°	8963.6	8100.9	7238.9	7241.1	7243.3	7647.9	8052.6
57.5°	9878.0	8976.8	8075.3	8165.7	8255.8	8634.8	9013.8
60°	10881.4	9955.3	9029.6	9173.5	9317.7	9526.5	9735.2
62.5°	12160.5	11161.2	10161.8	10172.4	10183.1	9809.9	9436.8
65°	*12854.1*	*11646.4*	*10438.3*	*10029.3*	*9619.9*	*9024.8*	*8429.7*
67.5°	11926.9	10565.4	9204.2	8869.2	8534.1	8009.3	7485.0
70°	10533.5	9377.4	8221.0	7981.5	7742.0	7161.2	6580.5
72.5°	8916.0	8074.5	7233.0	7131.6	7030.1	6339.1	5648.5
75°	6843.4	6580.8	6318.6	6250.9	6183.1	5404.3	4625.0
77.5°	5079.1	4904.0	4729.4	4577.4	4425.4	3750.5	3076.0
80°	3162.1	3031.3	2900.2	2880.5	2860.7	2333.0	1805.3
82.5°	1732.1	1651.9	1571.7	1527.0	1482.3	1192.3	902.7
85°	670.1	585.9	501.7	428.8	355.9	280.5	205.1
87.5°	19.0	18.7	18.3	17.9	17.6	16.8	16.5
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

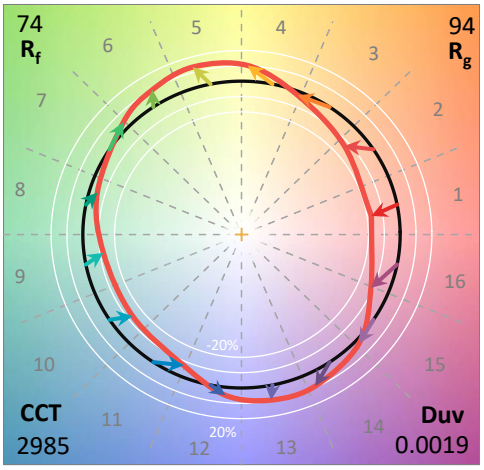
Test Information

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



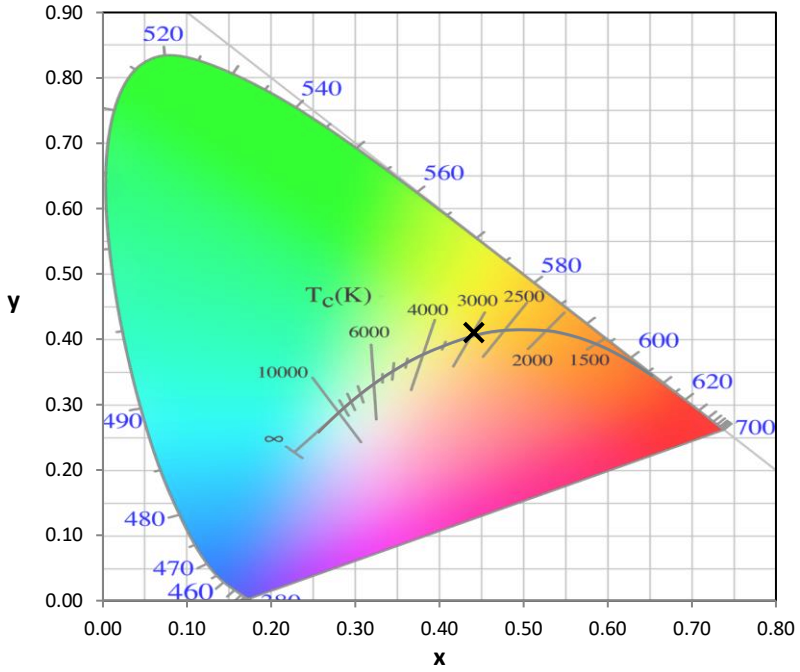
Test Conditions

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

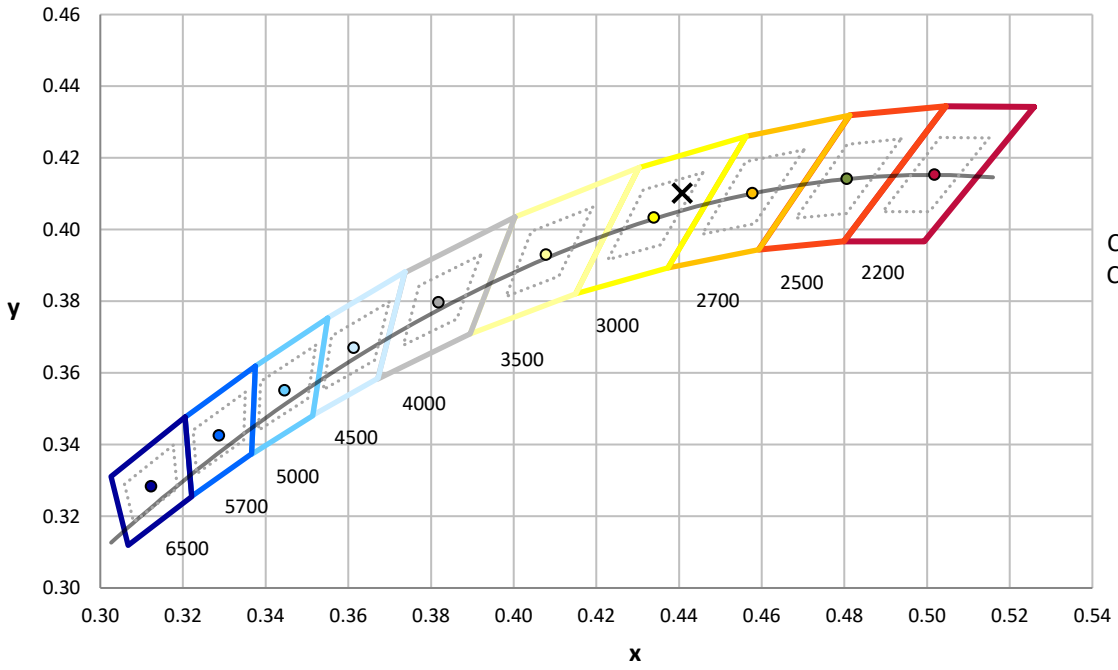
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

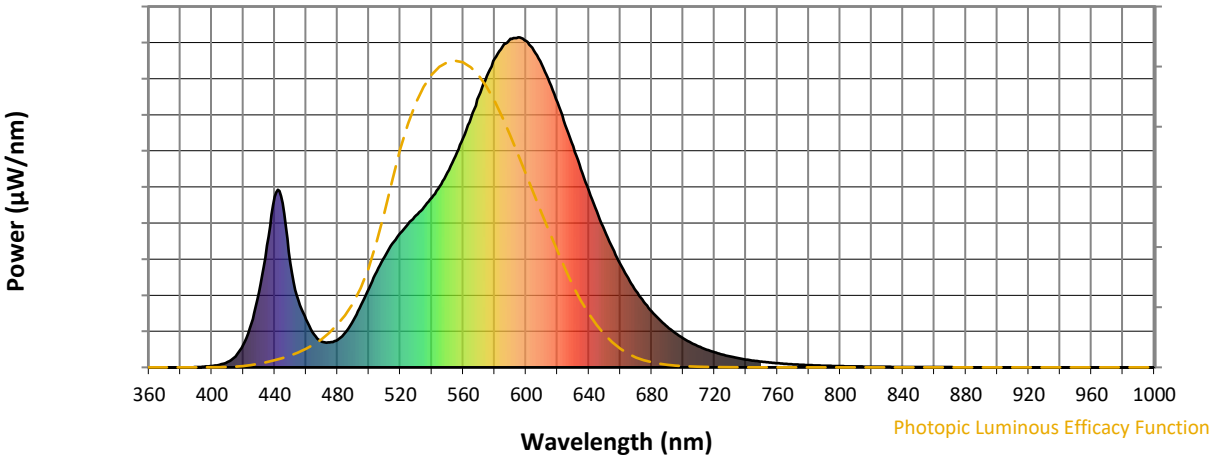


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

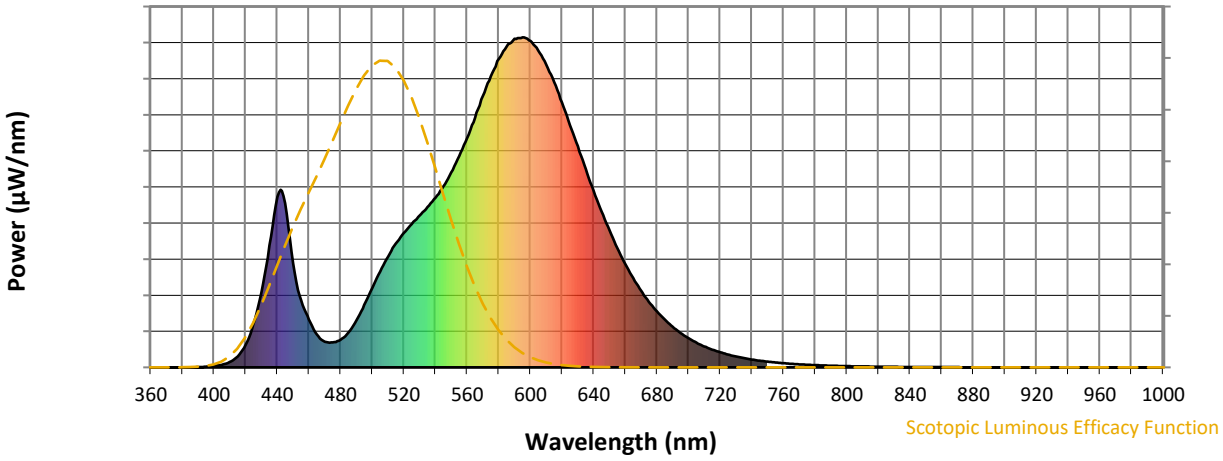


Photopic Lumens: NR

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

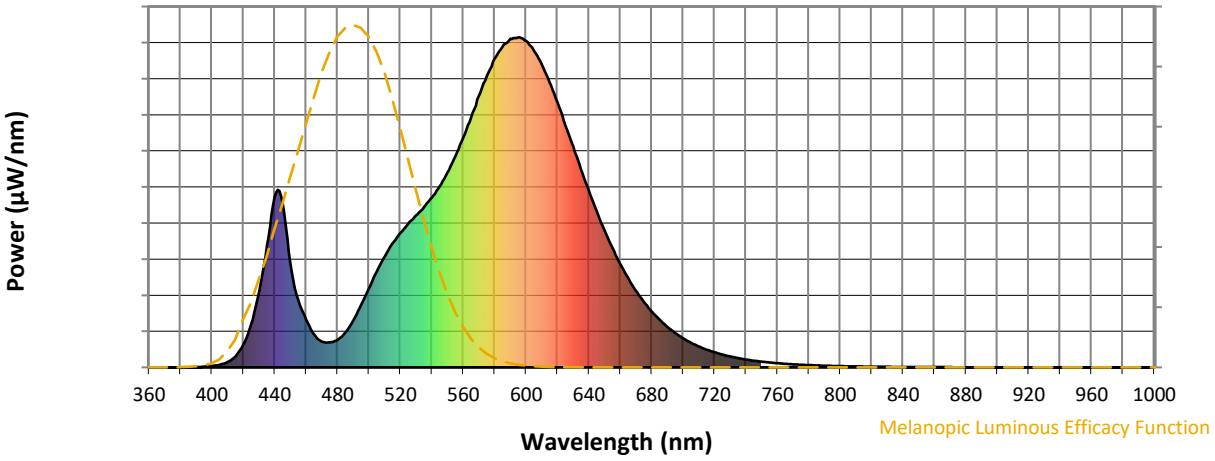


Scotopic Lumens: NR **S/P: 1.19**

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			

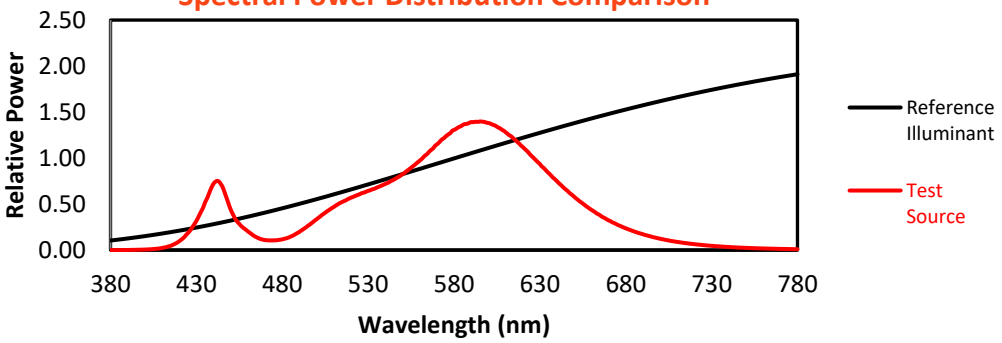
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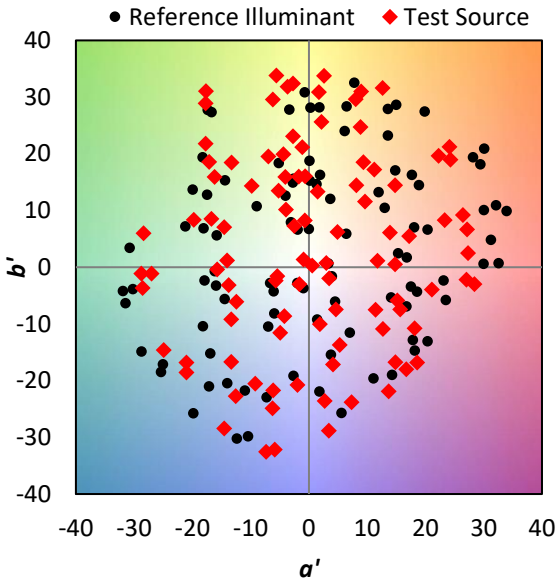
Summary

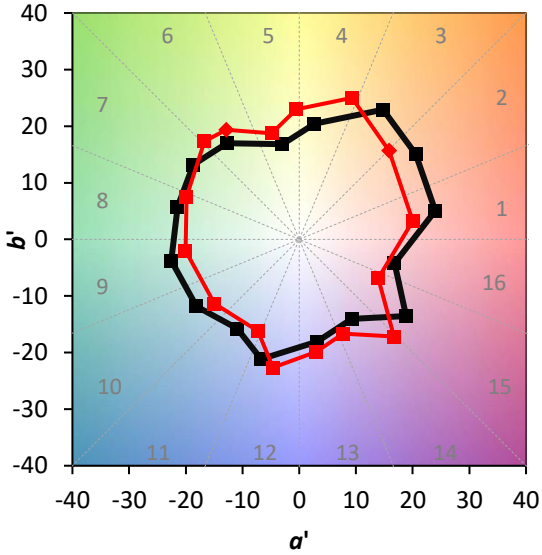
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

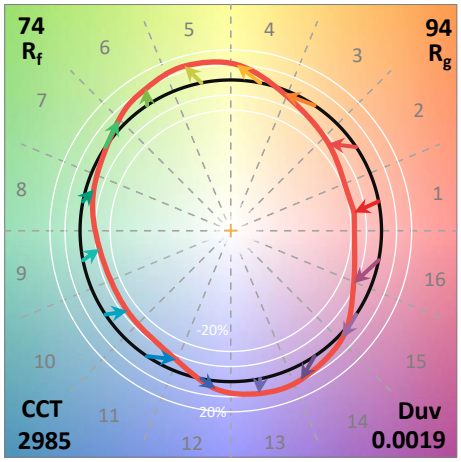
Spectral Power Distribution Comparison

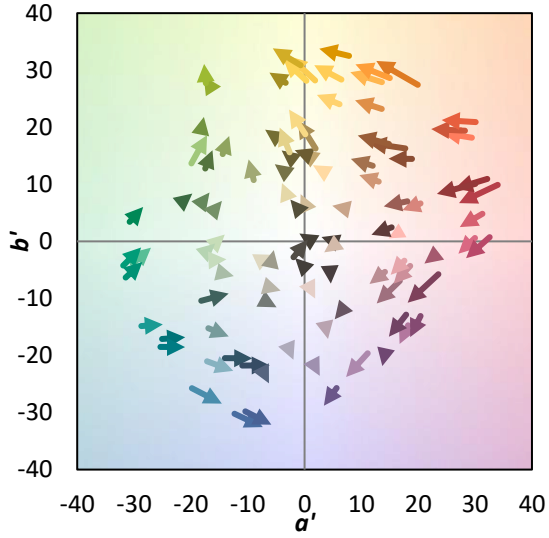


Color Vector Graphics







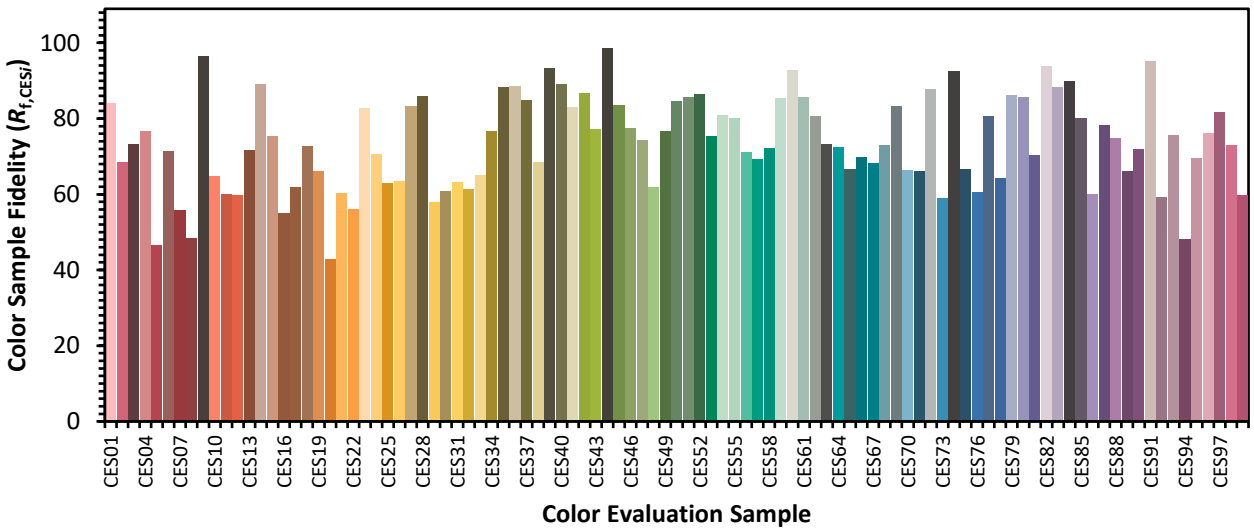


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Individual Sample Fidelity Index ($R_{f,i}$)

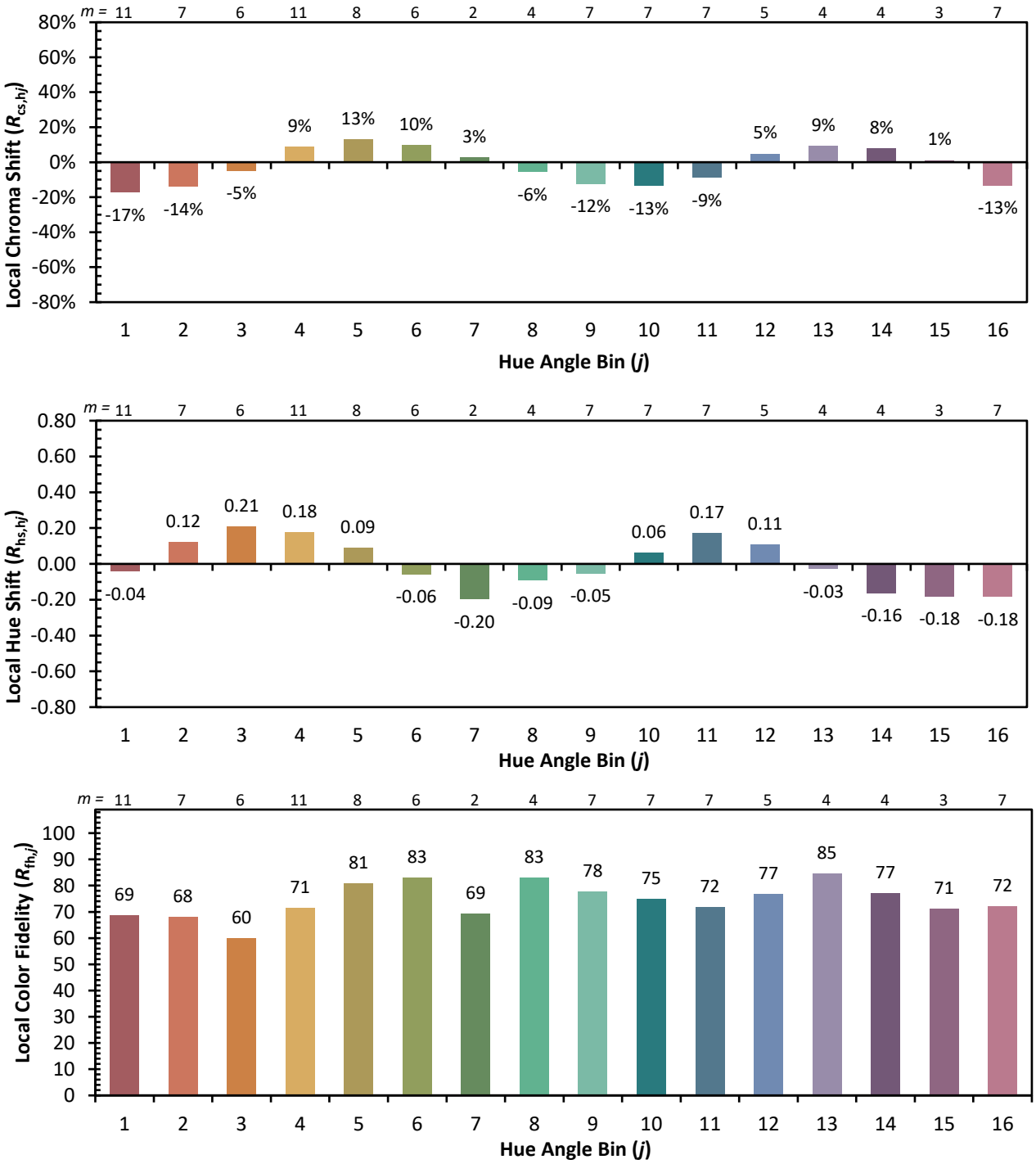
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57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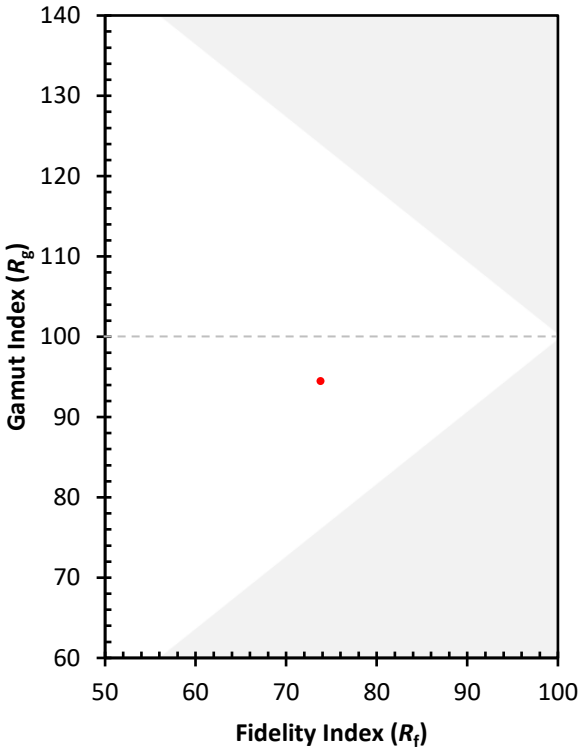
Color Rendition by Hue-Angle Bin

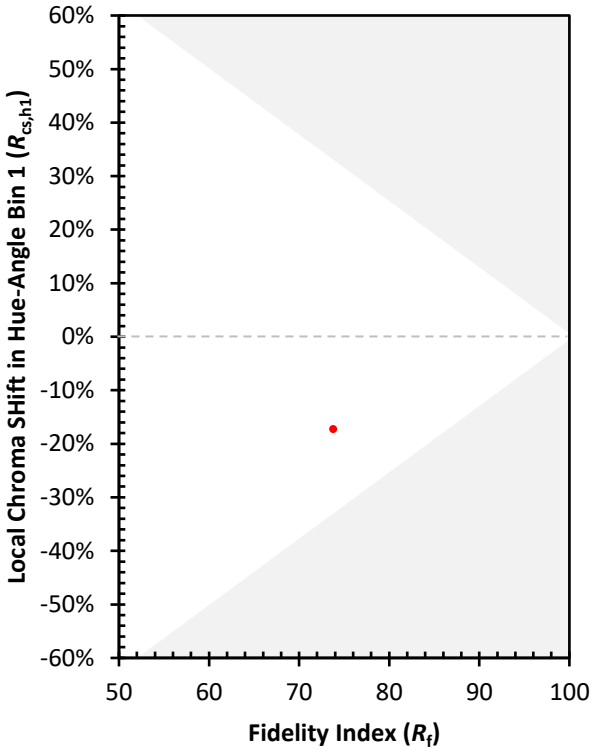


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TM-30-18

Measure Comparisons





(END OF REPORT)