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: P1364150

Luminaire Tested: **GSS-SB2D-722-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:	P1364150
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-722-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(52) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14890.1 lumens
Efficiency:	N/A
Efficacy:	101.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

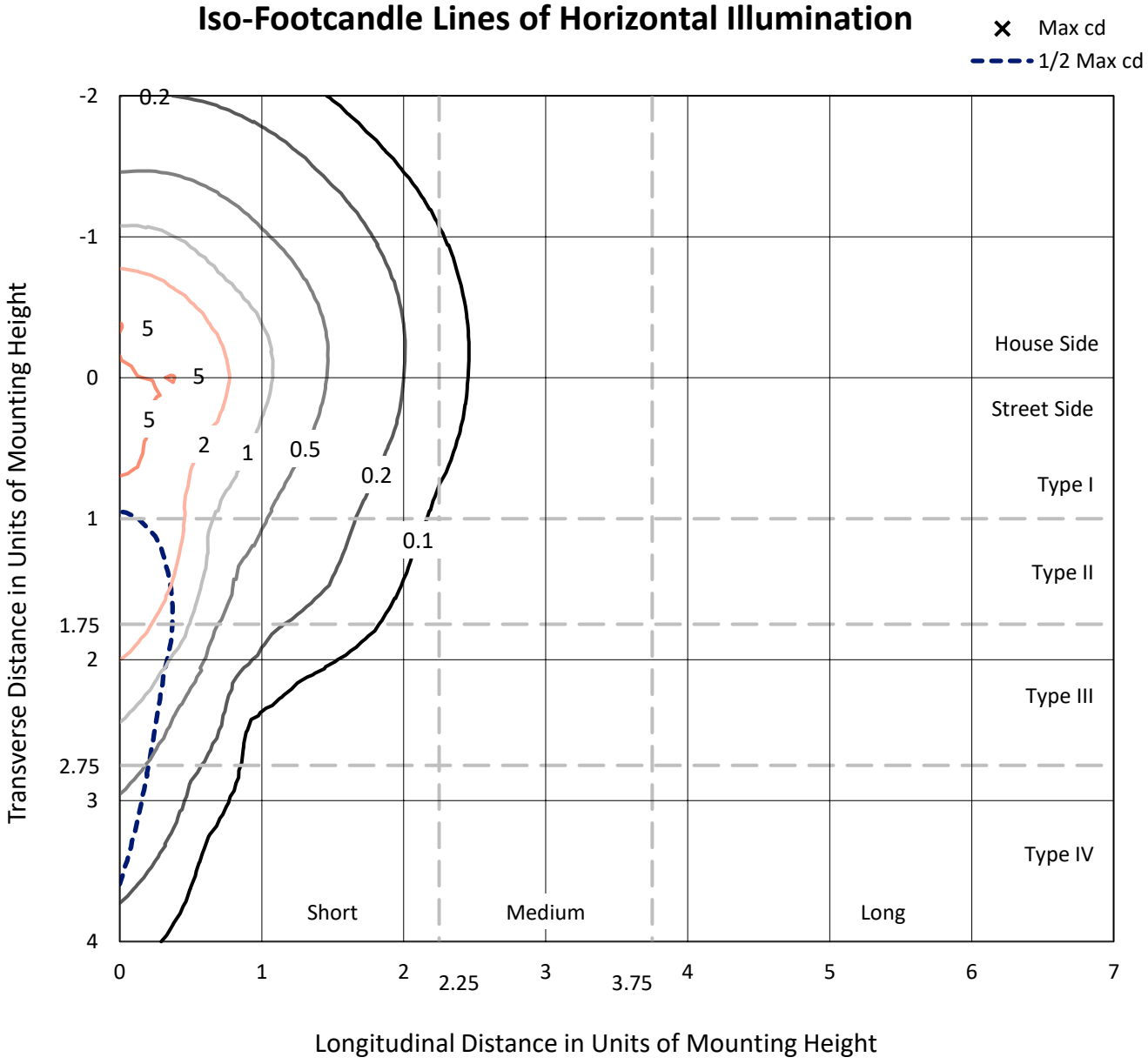
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



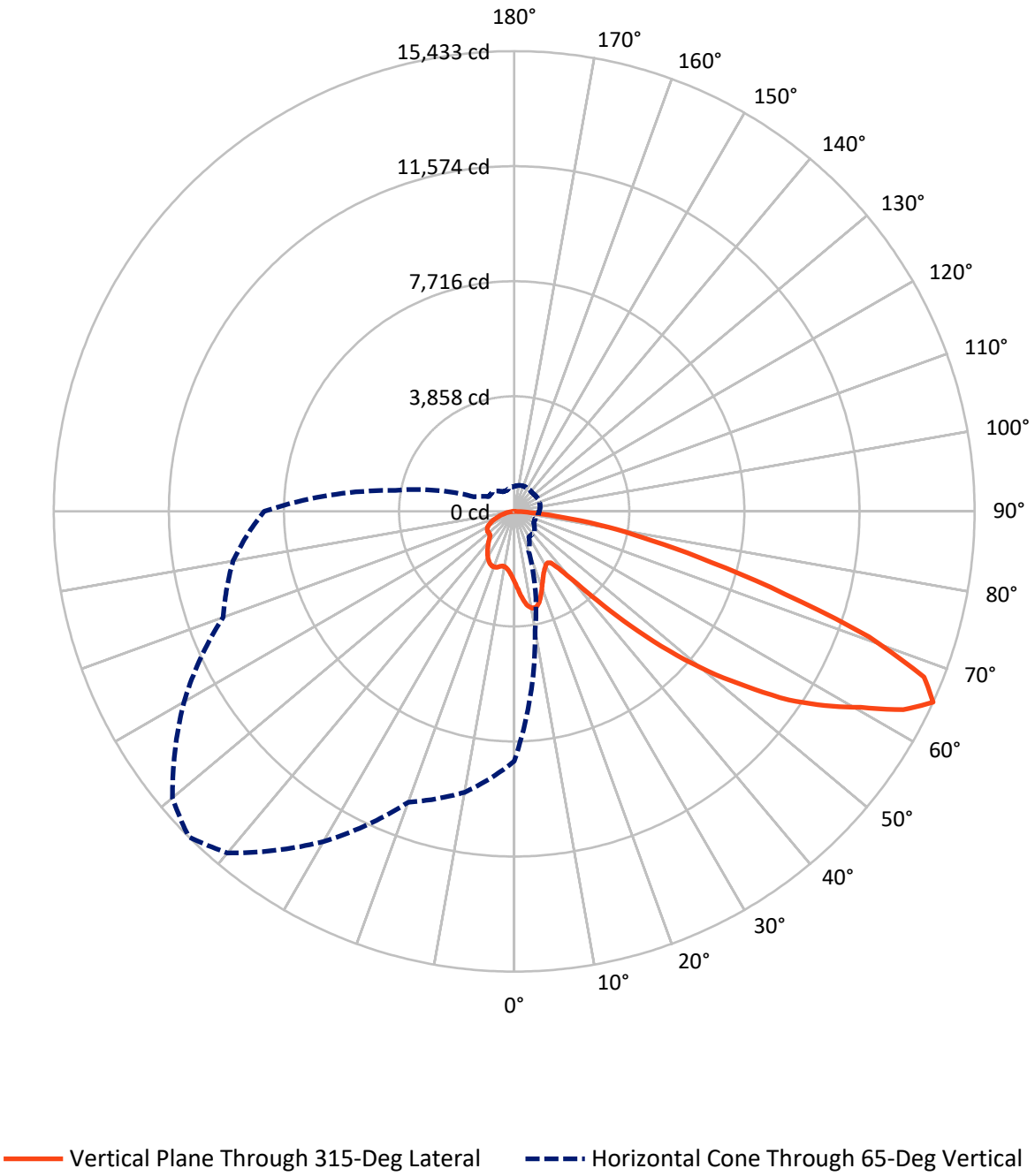
Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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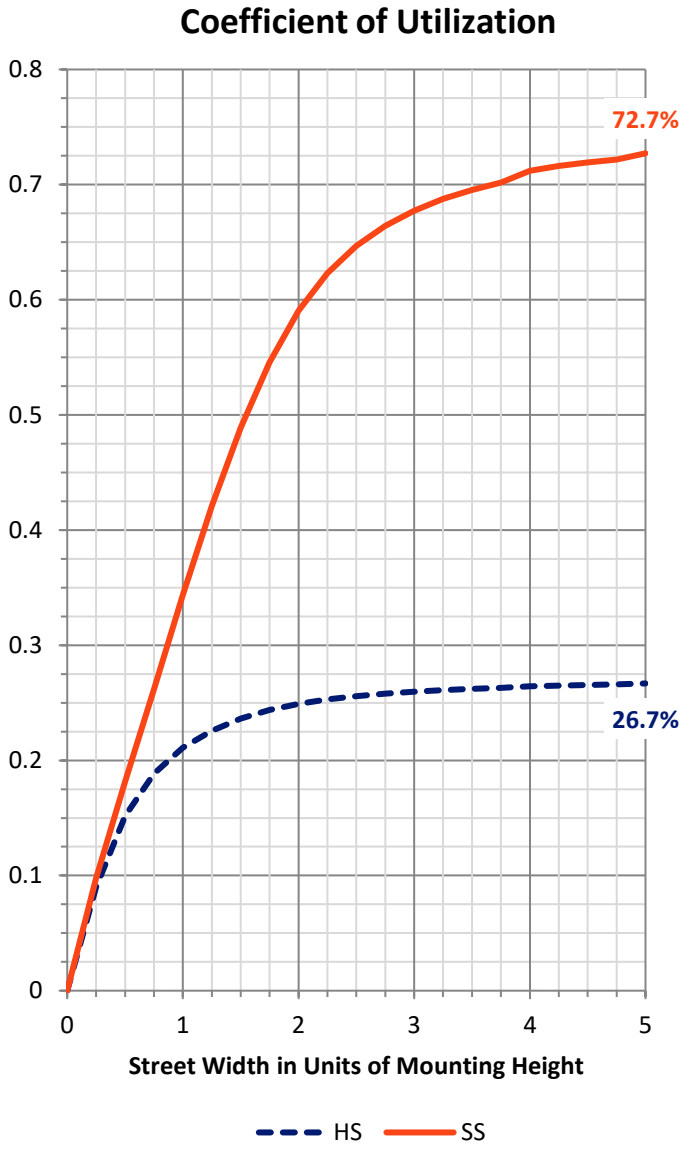
REPORT NUMBER: P1364150
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4005.8	0.0	4005.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	10884.3	0.0	10884.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	14890.1	0.0	14890.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.4	1.6
10°-20°	718.4	4.8
20°-30°	1111.9	7.5
30°-40°	1379.5	9.3
40°-50°	2017.3	13.5
50°-60°	3159.8	21.2
60°-70°	3749.3	25.2
70°-80°	2186.8	14.7
80°-90°	332.7	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°	14890.1	100.0
0°-180°	14890.1	100.0



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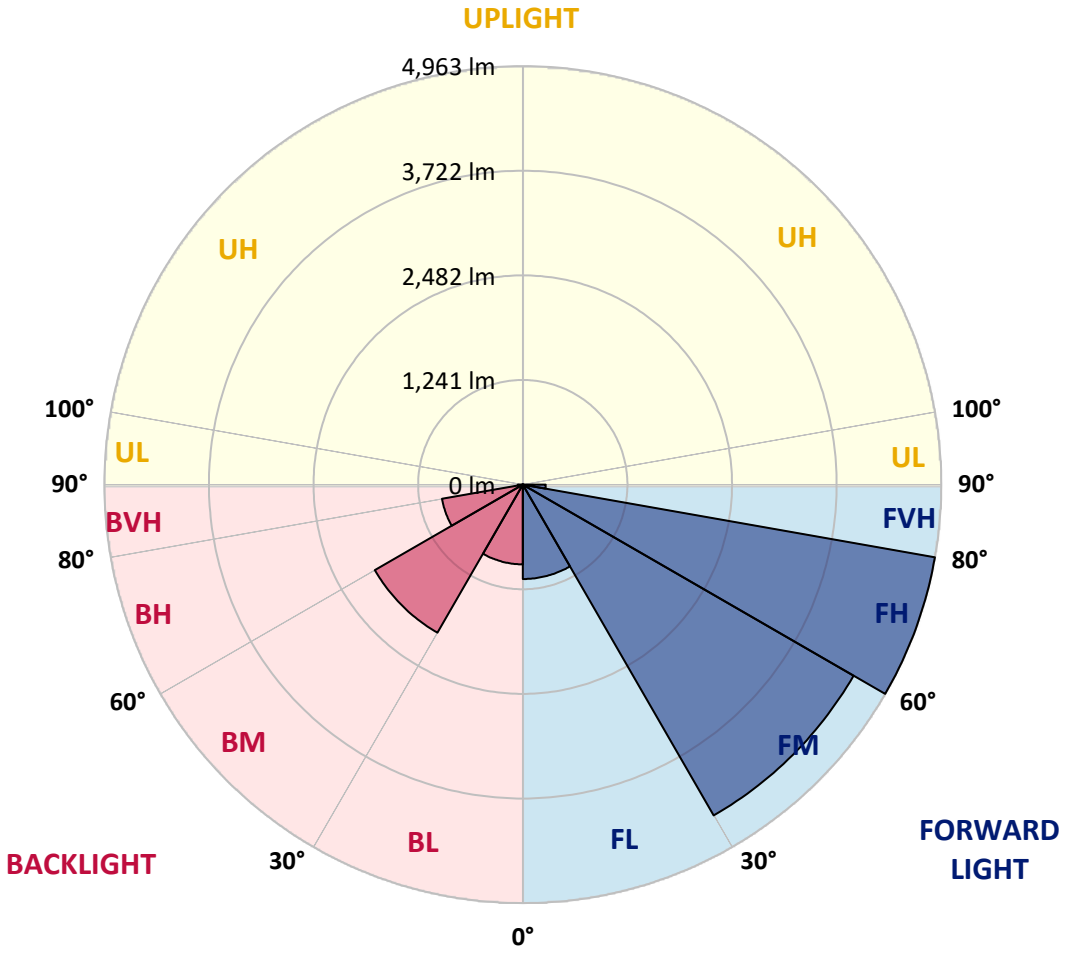
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1119.1	7.5			
FM	(30°-60°)	4529.9	30.4			
FH	(60°-80°)	4963.2	33.3			G2/5000
FVH	(80°-90°)	272.1	1.8			G3/500
BL	(0°-30°)	945.6	6.4	B2/1000		
BM	(30°-60°)	2026.7	13.6	B2/2500		
BH	(60°-80°)	972.8	6.5	B2/1000		G2/1000
BVH	(80°-90°)	60.6	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°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2565.4	2542.1	2519.2	2498.1	2476.9	2455.8	2434.3	2413.9	2393.2	2372.4	2354.2
5°	2740.2	2699.1	2658.3	2615.3	2572.7	2530.8	2489.0	2449.3	2409.9	2368.8	2333.5
7.5°	2916.8	2847.6	2778.5	2713.3	2648.1	2589.8	2531.6	2479.5	2427.1	2372.4	2329.8
10°	3027.9	2945.2	2862.2	2781.4	2700.2	2628.4	2556.3	2496.2	2436.2	2377.9	2332.4
12.5°	3084.3	3002.0	2919.7	2829.1	2738.4	2657.9	2577.4	2511.2	2445.3	2381.5	2337.1
15°	3111.7	3028.3	2945.2	2853.1	2761.0	2674.3	2587.3	2512.6	2438.0	2367.0	2327.6
17.5°	3118.9	3041.0	2963.4	2865.1	2766.8	2667.8	2569.1	2482.0	2395.4	2312.3	2278.8
20°	3142.6	3063.9	2985.3	2879.7	2774.1	2657.9	2541.8	2427.4	2313.1	2203.1	2182.0
22.5°	3168.1	3096.0	3024.3	2908.1	2792.3	2650.3	2508.3	2364.8	2221.3	2090.2	2070.2
25°	3208.2	3145.9	3083.6	2956.9	2830.2	2649.5	2468.9	2290.1	2111.3	1960.9	1959.1
27.5°	3266.4	3218.7	3171.0	3028.3	2885.9	2656.5	2427.1	2213.7	1999.9	1846.2	1855.3
30°	3348.3	3310.8	3273.7	3112.7	2951.4	2671.4	2391.7	2147.0	1902.7	1753.4	1763.2
32.5°	3448.5	3425.2	3401.9	3212.2	3022.4	2688.1	2354.2	2088.8	1823.7	1686.0	1686.0
35°	3617.8	3588.7	3559.6	3317.8	3076.3	2684.1	2292.3	2022.5	1752.3	1646.0	1623.4
37.5°	3832.7	3798.1	3763.5	3446.7	3129.9	2672.9	2215.8	1948.9	1682.4	1598.6	1555.6
40°	4149.5	4081.4	4012.9	3594.1	3175.4	2647.4	2119.3	1861.2	1603.0	1536.7	1482.8
42.5°	4593.7	4449.5	4305.0	3757.3	3208.9	2603.3	1997.4	1756.7	1515.6	1469.3	1402.7
45°	5145.4	4914.2	4683.0	3978.7	3274.4	2573.1	1871.7	1650.3	1429.3	1387.4	1321.1
47.5°	5673.4	5380.7	5087.9	4206.3	3324.7	2537.8	1750.8	1544.7	1339.3	1290.9	1229.0
50°	6285.2	5888.3	5491.4	4404.7	3318.1	2477.7	1636.8	1450.8	1264.3	1198.0	1136.9
52.5°	7069.9	6439.6	5808.9	4498.7	3188.1	2354.6	1521.4	1366.3	1211.9	1127.0	1061.5
55°	8007.6	6993.5	5979.3	4473.9	2968.5	2191.4	1413.6	1295.6	1176.9	1092.4	1015.2
57.5°	8963.5	7458.5	5953.8	4338.8	2723.8	2020.7	1317.5	1235.9	1154.4	1083.3	988.7
60°	9680.9	7666.8	5652.3	4015.1	2377.9	1804.7	1231.6	1174.4	1117.2	1061.5	966.8
62.5°	9384.1	7204.7	5025.3	3484.5	1943.8	1530.9	1117.9	1085.9	1054.2	1030.5	940.2
65°	*8382.7*	*6214.2*	*4045.7*	*2733.3*	*1420.9*	*1203.1*	*985.0*	*978.1*	*971.5*	*965.0*	*890.3*
67.5°	7443.2	5337.0	3230.7	2127.0	1023.3	919.8	816.4	835.7	855.0	864.9	813.9
70°	6543.8	4534.0	2524.3	1629.9	735.6	699.2	662.8	691.5	720.3	717.4	692.6
72.5°	5617.0	3764.9	1912.5	1225.4	538.2	537.5	537.1	559.0	580.8	551.7	567.3
75°	4599.2	3006.0	1412.9	908.2	403.5	400.9	398.7	424.6	450.8	462.5	472.7
77.5°	3058.8	1972.2	885.6	587.0	288.4	290.6	292.0	320.5	348.9	382.4	384.2
80°	1795.3	1130.7	466.1	324.5	182.8	185.0	186.4	216.3	245.8	293.1	291.3
82.5°	897.6	566.6	236.0	174.4	112.9	113.3	113.6	128.2	142.7	169.3	176.6
85°	203.9	134.7	65.5	55.4	45.5	47.7	50.3	59.7	69.2	83.8	88.1
87.5°	16.4	16.0	15.3	14.9	14.6	15.3	16.4	18.2	20.0	21.8	25.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2334.6	2315.3	2300.0	2285.0	2271.9	2258.5	2242.8	2226.8	2215.5	2203.8	2196.2
5°	2298.5	2264.3	2235.9	2207.5	2184.2	2160.1	2139.0	2117.5	2100.8	2083.7	2069.8
7.5°	2287.2	2245.0	2208.2	2171.1	2139.7	2108.4	2082.2	2055.6	2030.5	2005.7	1989.7
10°	2287.6	2243.2	2205.3	2167.4	2134.3	2101.1	2066.5	2031.9	2004.3	1976.6	1952.6
12.5°	2300.0	2263.2	2236.6	2210.4	2179.8	2149.2	2108.1	2066.5	2029.0	1991.9	1962.4
15°	2303.6	2279.6	2277.4	2275.2	2264.6	2254.1	2215.8	2177.6	2125.9	2073.8	2031.6
17.5°	2275.6	2272.3	2308.3	2344.4	2365.1	2385.9	2359.3	2332.4	2259.5	2186.7	2123.7
20°	2202.7	2223.1	2293.8	2364.1	2420.1	2476.2	2473.3	2470.7	2375.7	2280.3	2197.6
22.5°	2100.8	2131.0	2223.1	2315.3	2396.1	2476.9	2497.7	2518.1	2424.9	2331.3	2229.3
25°	1992.3	2025.4	2110.6	2195.8	2282.8	2369.9	2408.5	2447.1	2370.2	2293.4	2194.4
27.5°	1887.0	1919.1	1982.4	2045.8	2115.7	2185.6	2229.0	2272.3	2225.3	2178.3	2098.2
30°	1788.0	1812.7	1858.6	1904.5	1951.8	1999.2	2033.8	2068.4	2037.4	2006.5	1948.9
32.5°	1696.6	1707.1	1737.0	1766.8	1802.2	1837.1	1856.4	1875.4	1851.3	1827.3	1789.4
35°	1614.6	1605.9	1625.6	1645.2	1673.6	1702.4	1717.0	1731.5	1711.5	1691.5	1657.6
37.5°	1532.3	1508.3	1517.8	1526.5	1550.9	1574.9	1595.7	1616.8	1602.3	1587.7	1558.9
40°	1447.9	1412.9	1412.2	1411.1	1434.4	1457.3	1483.5	1509.4	1506.8	1503.9	1476.6
42.5°	1358.3	1313.8	1309.1	1304.4	1327.3	1350.3	1377.9	1405.6	1411.1	1416.5	1394.0
45°	1275.2	1230.1	1222.8	1215.5	1235.2	1255.6	1285.8	1316.4	1329.1	1341.9	1321.5
47.5°	1190.0	1150.7	1146.3	1141.6	1162.4	1183.5	1217.0	1250.9	1264.3	1278.2	1264.3
50°	1104.8	1072.4	1077.9	1083.3	1106.3	1128.9	1155.1	1181.7	1206.8	1231.6	1229.0
52.5°	1037.5	1013.1	1030.2	1046.9	1067.7	1088.8	1116.1	1143.4	1169.6	1196.2	1200.2
55°	988.3	961.4	985.4	1009.4	1034.5	1059.7	1085.2	1110.7	1135.4	1159.8	1165.3
57.5°	950.8	913.3	937.3	961.4	988.7	1016.0	1041.5	1067.0	1095.7	1124.5	1128.9
60°	919.5	872.1	888.2	903.8	931.9	959.5	986.1	1012.3	1041.5	1070.6	1076.4
62.5°	878.3	816.4	818.6	820.1	851.7	883.1	904.9	926.8	954.4	982.5	990.8
65°	*823.7*	*757.4*	*750.1*	*742.9*	*772.7*	*802.9*	*820.1*	*837.5*	*861.6*	*885.6*	*894.0*
67.5°	755.2	696.3	681.3	666.4	694.1	721.7	735.9	750.1	766.5	782.9	792.4
70°	657.7	622.7	613.2	603.8	626.3	648.9	661.3	673.7	686.8	699.9	705.0
72.5°	559.3	551.7	544.8	538.2	555.3	572.4	583.0	593.6	605.9	618.3	621.2
75°	468.3	464.3	459.2	454.5	467.6	480.7	488.7	497.1	509.8	522.6	528.0
77.5°	374.7	364.9	359.8	354.0	366.0	378.0	385.6	393.3	403.8	414.4	415.9
80°	279.7	267.6	263.6	259.3	268.0	276.8	279.7	282.2	291.0	299.3	299.3
82.5°	176.6	176.6	174.1	171.1	169.3	167.5	163.9	160.2	169.0	177.7	180.6
85°	88.9	89.2	85.2	80.8	75.7	69.9	68.8	67.4	67.0	66.3	68.8
87.5°	27.7	29.9	32.0	33.5	35.7	37.1	36.1	34.6	33.1	32.0	29.1
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°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2188.5	2184.9	2181.3	2178.3	2175.8	2174.0	2175.8	2178.3	2181.3	2184.9	2188.5
5°	2055.6	2049.8	2043.6	2039.6	2035.6	2031.9	2035.6	2039.6	2043.6	2049.8	2055.6
7.5°	1973.7	1964.2	1954.8	1947.8	1940.9	1937.3	1940.9	1947.8	1954.8	1964.2	1973.7
10°	1929.3	1915.8	1902.7	1895.4	1888.1	1882.6	1888.1	1895.4	1902.7	1915.8	1929.3
12.5°	1932.9	1916.2	1900.1	1889.2	1878.3	1871.7	1878.3	1889.2	1900.1	1916.2	1932.9
15°	1989.0	1965.7	1941.6	1928.2	1914.7	1904.5	1914.7	1928.2	1941.6	1965.7	1989.0
17.5°	2061.1	2026.9	1992.6	1980.6	1968.2	1962.8	1968.2	1980.6	1992.6	2026.9	2061.1
20°	2115.0	2069.1	2023.9	2005.7	1987.5	1981.0	1987.5	2005.7	2023.9	2069.1	2115.0
22.5°	2127.4	2073.5	2019.2	2002.1	1984.6	1977.3	1984.6	2002.1	2019.2	2073.5	2127.4
25°	2095.7	2038.9	1981.7	1964.2	1946.4	1940.9	1946.4	1964.2	1981.7	2038.9	2095.7
27.5°	2018.1	1967.9	1917.2	1898.7	1879.7	1868.1	1879.7	1898.7	1917.2	1967.9	2018.1
30°	1891.8	1854.2	1817.1	1805.4	1793.4	1788.0	1793.4	1805.4	1817.1	1854.2	1891.8
32.5°	1751.6	1728.2	1704.9	1697.3	1689.7	1686.0	1689.7	1697.3	1704.9	1728.2	1751.6
35°	1624.1	1607.4	1590.6	1584.4	1578.6	1573.1	1578.6	1584.4	1590.6	1607.4	1624.1
37.5°	1530.2	1510.5	1490.1	1479.2	1468.2	1460.2	1468.2	1479.2	1490.1	1510.5	1530.2
40°	1449.3	1420.9	1392.9	1377.9	1362.6	1354.6	1362.6	1377.9	1392.9	1420.9	1449.3
42.5°	1371.0	1338.2	1305.5	1282.5	1260.0	1245.4	1260.0	1282.5	1305.5	1338.2	1371.0
45°	1300.7	1264.0	1227.2	1199.9	1172.6	1154.4	1172.6	1199.9	1227.2	1264.0	1300.7
47.5°	1250.9	1219.2	1187.1	1163.1	1139.1	1121.6	1139.1	1163.1	1187.1	1219.2	1250.9
50°	1226.5	1201.3	1176.2	1153.6	1130.7	1114.3	1130.7	1153.6	1176.2	1201.3	1226.5
52.5°	1204.6	1186.4	1168.2	1148.5	1128.9	1114.3	1128.9	1148.5	1168.2	1186.4	1204.6
55°	1170.7	1157.6	1144.2	1129.6	1115.0	1103.4	1115.0	1129.6	1144.2	1157.6	1170.7
57.5°	1133.2	1119.4	1105.2	1094.3	1083.3	1077.9	1083.3	1094.3	1105.2	1119.4	1133.2
60°	1082.3	1071.3	1060.4	1050.2	1039.6	1030.5	1039.6	1050.2	1060.4	1071.3	1082.3
62.5°	999.6	994.5	989.8	978.1	966.8	954.1	966.8	978.1	989.8	994.5	999.6
65°	*902.4*	*899.8*	*897.6*	*889.3*	*881.2*	*866.7*	*881.2*	*889.3*	*897.6*	*899.8*	*902.4*
67.5°	801.9	797.1	792.0	783.3	774.9	772.0	774.9	783.3	792.0	797.1	801.9
70°	710.1	702.8	695.5	675.9	656.2	633.6	656.2	675.9	695.5	702.8	710.1
72.5°	624.5	613.2	601.6	578.6	555.3	531.7	555.3	578.6	601.6	613.2	624.5
75°	533.5	517.5	501.8	477.4	453.4	437.0	453.4	477.4	501.8	517.5	533.5
77.5°	418.0	404.2	390.4	375.8	361.2	353.2	361.2	375.8	390.4	404.2	418.0
80°	299.3	289.1	278.6	271.3	264.0	258.5	264.0	271.3	278.6	289.1	299.3
82.5°	183.9	179.2	174.8	166.8	158.4	152.9	158.4	166.8	174.8	179.2	183.9
85°	71.0	69.9	69.2	66.3	63.7	61.9	63.7	66.3	69.2	69.9	71.0
87.5°	26.2	24.0	21.8	20.4	18.9	18.2	18.9	20.4	21.8	24.0	26.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364150
CATALOG NUMBER: GSS-SB2D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2196.2	2203.8	2215.5	2226.8	2242.8	2258.5	2271.9	2285.0	2300.0	2315.3	2334.6
5°	2069.8	2083.7	2100.8	2117.5	2139.0	2160.1	2184.2	2207.5	2235.9	2264.3	2298.5
7.5°	1989.7	2005.7	2030.5	2055.6	2082.2	2108.4	2139.7	2171.1	2208.2	2245.0	2287.2
10°	1952.6	1976.6	2004.3	2031.9	2066.5	2101.1	2134.3	2167.4	2205.3	2243.2	2287.6
12.5°	1962.4	1991.9	2029.0	2066.5	2108.1	2149.2	2179.8	2210.4	2236.6	2263.2	2300.0
15°	2031.6	2073.8	2125.9	2177.6	2215.8	2254.1	2264.6	2275.2	2277.4	2279.6	2303.6
17.5°	2123.7	2186.7	2259.5	2332.4	2359.3	2385.9	2365.1	2344.4	2308.3	2272.3	2275.6
20°	2197.6	2280.3	2375.7	2470.7	2473.3	2476.2	2420.1	2364.1	2293.8	2223.1	2202.7
22.5°	2229.3	2331.3	2424.9	2518.1	2497.7	2476.9	2396.1	2315.3	2223.1	2131.0	2100.8
25°	2194.4	2293.4	2370.2	2447.1	2408.5	2369.9	2282.8	2195.8	2110.6	2025.4	1992.3
27.5°	2098.2	2178.3	2225.3	2272.3	2229.0	2185.6	2115.7	2045.8	1982.4	1919.1	1887.0
30°	1948.9	2006.5	2037.4	2068.4	2033.8	1999.2	1951.8	1904.5	1858.6	1812.7	1788.0
32.5°	1789.4	1827.3	1851.3	1875.4	1856.4	1837.1	1802.2	1766.8	1737.0	1707.1	1696.6
35°	1657.6	1691.5	1711.5	1731.5	1717.0	1702.4	1673.6	1645.2	1625.6	1605.9	1614.6
37.5°	1558.9	1587.7	1602.3	1616.8	1595.7	1574.9	1550.9	1526.5	1517.8	1508.3	1532.3
40°	1476.6	1503.9	1506.8	1509.4	1483.5	1457.3	1434.4	1411.1	1412.2	1412.9	1447.9
42.5°	1394.0	1416.5	1411.1	1405.6	1377.9	1350.3	1327.3	1304.4	1309.1	1313.8	1358.3
45°	1321.5	1341.9	1329.1	1316.4	1285.8	1255.6	1235.2	1215.5	1222.8	1230.1	1275.2
47.5°	1264.3	1278.2	1264.3	1250.9	1217.0	1183.5	1162.4	1141.6	1146.3	1150.7	1190.0
50°	1229.0	1231.6	1206.8	1181.7	1155.1	1128.9	1106.3	1083.3	1077.9	1072.4	1104.8
52.5°	1200.2	1196.2	1169.6	1143.4	1116.1	1088.8	1067.7	1046.9	1030.2	1013.1	1037.5
55°	1165.3	1159.8	1135.4	1110.7	1085.2	1059.7	1034.5	1009.4	985.4	961.4	988.3
57.5°	1128.9	1124.5	1095.7	1067.0	1041.5	1016.0	988.7	961.4	937.3	913.3	950.8
60°	1076.4	1070.6	1041.5	1012.3	986.1	959.5	931.9	903.8	888.2	872.1	919.5
62.5°	990.8	982.5	954.4	926.8	904.9	883.1	851.7	820.1	818.6	816.4	878.3
65°	*894.0*	*885.6*	*861.6*	*837.5*	*820.1*	*802.9*	*772.7*	*742.9*	*750.1*	*757.4*	*823.7*
67.5°	792.4	782.9	766.5	750.1	735.9	721.7	694.1	666.4	681.3	696.3	755.2
70°	705.0	699.9	686.8	673.7	661.3	648.9	626.3	603.8	613.2	622.7	657.7
72.5°	621.2	618.3	605.9	593.6	583.0	572.4	555.3	538.2	544.8	551.7	559.3
75°	528.0	522.6	509.8	497.1	488.7	480.7	467.6	454.5	459.2	464.3	468.3
77.5°	415.9	414.4	403.8	393.3	385.6	378.0	366.0	354.0	359.8	364.9	374.7
80°	299.3	299.3	291.0	282.2	279.7	276.8	268.0	259.3	263.6	267.6	279.7
82.5°	180.6	177.7	169.0	160.2	163.9	167.5	169.3	171.1	174.1	176.6	176.6
85°	68.8	66.3	67.0	67.4	68.8	69.9	75.7	80.8	85.2	89.2	88.9
87.5°	29.1	32.0	33.1	34.6	36.1	37.1	35.7	33.5	32.0	29.9	27.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364150
CATALOG NUMBER: GSS-SB2D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2354.2	2372.4	2393.2	2413.9	2434.3	2455.8	2476.9	2498.1	2519.2	2542.1	2565.4
5°	2333.5	2368.8	2409.9	2449.3	2489.0	2530.8	2572.7	2615.3	2658.3	2699.1	2740.2
7.5°	2329.8	2372.4	2427.1	2479.5	2531.6	2589.8	2648.1	2713.3	2778.5	2847.6	2916.8
10°	2332.4	2377.9	2436.2	2496.2	2556.3	2628.4	2700.2	2781.4	2862.2	2945.2	3027.9
12.5°	2337.1	2381.5	2445.3	2511.2	2577.4	2657.9	2738.4	2829.1	2919.7	3002.0	3084.3
15°	2327.6	2367.0	2438.0	2512.6	2587.3	2674.3	2761.0	2853.1	2945.2	3028.3	3111.7
17.5°	2278.8	2312.3	2395.4	2482.0	2569.1	2667.8	2766.8	2865.1	2963.4	3041.0	3118.9
20°	2182.0	2203.1	2313.1	2427.4	2541.8	2657.9	2774.1	2879.7	2985.3	3063.9	3142.6
22.5°	2070.2	2090.2	2221.3	2364.8	2508.3	2650.3	2792.3	2908.1	3024.3	3096.0	3168.1
25°	1959.1	1960.9	2111.3	2290.1	2468.9	2649.5	2830.2	2956.9	3083.6	3145.9	3208.2
27.5°	1855.3	1846.2	1999.9	2213.7	2427.1	2656.5	2885.9	3028.3	3171.0	3218.7	3266.4
30°	1763.2	1753.4	1902.7	2147.0	2391.7	2671.4	2951.4	3112.7	3273.7	3310.8	3348.3
32.5°	1686.0	1686.0	1823.7	2088.8	2354.2	2688.1	3022.4	3212.2	3401.9	3425.2	3448.5
35°	1623.4	1646.0	1752.3	2022.5	2292.3	2684.1	3076.3	3317.8	3559.6	3588.7	3617.8
37.5°	1555.6	1598.6	1682.4	1948.9	2215.8	2672.9	3129.9	3446.7	3763.5	3798.1	3832.7
40°	1482.8	1536.7	1603.0	1861.2	2119.3	2647.4	3175.4	3594.1	4012.9	4081.4	4149.5
42.5°	1402.7	1469.3	1515.6	1756.7	1997.4	2603.3	3208.9	3757.3	4305.0	4449.5	4593.7
45°	1321.1	1387.4	1429.3	1650.3	1871.7	2573.1	3274.4	3978.7	4683.0	4914.2	5145.4
47.5°	1229.0	1290.9	1339.3	1544.7	1750.8	2537.8	3324.7	4206.3	5087.9	5380.7	5673.4
50°	1136.9	1198.0	1264.3	1450.8	1636.8	2477.7	3318.1	4404.7	5491.4	5888.3	6285.2
52.5°	1061.5	1127.0	1211.9	1366.3	1521.4	2354.6	3188.1	4498.7	5808.9	6439.6	7069.9
55°	1015.2	1092.4	1176.9	1295.6	1413.6	2191.4	2968.5	4473.9	5979.3	6993.5	8007.6
57.5°	988.7	1083.3	1154.4	1235.9	1317.5	2020.7	2723.8	4338.8	5953.8	7458.5	8963.5
60°	966.8	1061.5	1117.2	1174.4	1231.6	1804.7	2377.9	4015.1	5652.3	7666.8	9680.9
62.5°	940.2	1030.5	1054.2	1085.9	1117.9	1530.9	1943.8	3484.5	5025.3	7204.7	9384.1
65°	*890.3*	*965.0*	*971.5*	*978.1*	*985.0*	*1203.1*	*1420.9*	*2733.3*	*4045.7*	*6214.2*	*8382.7*
67.5°	813.9	864.9	855.0	835.7	816.4	919.8	1023.3	2127.0	3230.7	5337.0	7443.2
70°	692.6	717.4	720.3	691.5	662.8	699.2	735.6	1629.9	2524.3	4534.0	6543.8
72.5°	567.3	551.7	580.8	559.0	537.1	537.5	538.2	1225.4	1912.5	3764.9	5617.0
75°	472.7	462.5	450.8	424.6	398.7	400.9	403.5	908.2	1412.9	3006.0	4599.2
77.5°	384.2	382.4	348.9	320.5	292.0	290.6	288.4	587.0	885.6	1972.2	3058.8
80°	291.3	293.1	245.8	216.3	186.4	185.0	182.8	324.5	466.1	1130.7	1795.3
82.5°	176.6	169.3	142.7	128.2	113.6	113.3	112.9	174.4	236.0	566.6	897.6
85°	88.1	83.8	69.2	59.7	50.3	47.7	45.5	55.4	65.5	134.7	203.9
87.5°	25.5	21.8	20.0	18.2	16.4	15.3	14.6	14.9	15.3	16.0	16.4
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: P1364150
CATALOG NUMBER: GSS-SB2D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2574.5	2583.6	2593.5	2603.7	2609.5	2615.3	2621.5	2627.3	2632.8	2627.3	2621.5
5°	2781.4	2822.2	2849.8	2877.5	2898.6	2919.7	2931.8	2944.1	2946.0	2944.1	2931.8
7.5°	2965.6	3014.4	3056.7	3098.9	3125.9	3152.8	3168.5	3184.5	3189.9	3184.5	3168.5
10°	3085.1	3142.6	3183.4	3224.5	3249.7	3274.4	3286.8	3299.2	3302.8	3299.2	3286.8
12.5°	3139.3	3194.3	3226.0	3257.3	3273.3	3289.0	3294.8	3299.9	3295.5	3299.9	3294.8
15°	3144.1	3176.1	3189.6	3202.7	3195.0	3187.0	3175.7	3164.5	3157.2	3164.5	3175.7
17.5°	3130.2	3141.9	3117.5	3093.4	3049.7	3006.0	2973.3	2940.5	2916.8	2940.5	2973.3
20°	3124.4	3106.2	3041.4	2976.9	2895.0	2813.0	2758.1	2702.7	2669.2	2702.7	2758.1
22.5°	3116.7	3065.4	2956.5	2847.6	2735.5	2623.7	2560.3	2497.3	2461.6	2497.3	2560.3
25°	3120.0	3031.5	2884.4	2737.7	2605.8	2474.4	2405.6	2337.1	2297.8	2337.1	2405.6
27.5°	3131.7	2996.9	2814.9	2632.8	2490.0	2346.9	2281.4	2215.8	2181.3	2215.8	2281.4
30°	3169.6	2990.4	2772.6	2554.5	2405.2	2255.9	2191.8	2127.4	2090.2	2127.4	2191.8
32.5°	3222.7	2996.9	2753.0	2509.0	2356.8	2204.9	2143.4	2082.2	2050.2	2082.2	2143.4
35°	3332.0	3046.1	2775.5	2505.3	2364.1	2223.1	2178.0	2133.2	2115.7	2133.2	2178.0
37.5°	3498.7	3164.5	2885.9	2607.3	2511.2	2415.0	2415.0	2415.0	2428.9	2415.0	2415.0
40°	3774.4	3399.3	3135.7	2872.4	2866.6	2861.5	2922.7	2984.2	3011.5	2984.2	2922.7
42.5°	4197.2	3801.0	3588.3	3375.7	3503.1	3630.6	3807.5	3984.5	4100.3	3984.5	3807.5
45°	4759.4	4373.4	4224.9	4076.6	4360.3	4643.6	4956.4	5269.2	5491.4	5269.2	4956.4
47.5°	5348.6	5023.4	4938.6	4854.1	5325.7	5797.2	6255.7	6714.2	6984.4	6714.2	6255.7
50°	5993.2	5700.7	5684.4	5668.0	6296.1	6924.3	7516.0	8107.8	8437.3	8107.8	7516.0
52.5°	6749.1	6428.0	6441.1	6453.4	7199.6	7945.7	8661.3	9376.8	9748.3	9376.8	8661.3
55°	7605.2	7202.9	7200.7	7198.5	8055.7	8913.6	9792.7	10672.5	11168.4	10672.5	9792.7
57.5°	8586.6	8209.7	8120.2	8030.2	8926.7	9822.9	10793.7	11764.9	12286.4	11764.9	10793.7
60°	9473.3	9265.8	9122.3	8979.2	9899.7	10820.7	11823.5	12826.0	13346.1	12826.0	11823.5
62.5°	9755.2	10126.2	10115.7	10105.1	11098.9	12092.7	13135.6	14179.2	14646.1	14179.2	13135.6
65°	8974.4	9566.2	9973.3	10380.1	11581.4	12782.3	13869.0	14955.6	15432.6	14955.6	13869.0
67.5°	7964.7	8486.5	8819.7	9152.9	10506.4	11860.3	13093.3	14326.3	14817.2	14326.3	13093.3
70°	7121.3	7698.8	7937.0	8175.1	9325.1	10474.7	11450.3	12425.5	12617.8	12425.5	11450.3
72.5°	6303.8	6990.9	7091.8	7192.7	8029.5	8866.3	9385.9	9905.6	9486.1	9905.6	9385.9
75°	5374.1	6148.7	6216.0	6283.4	6544.1	6805.2	6937.4	7069.9	6831.4	7069.9	6937.4
77.5°	3729.6	4400.7	4551.9	4703.0	4876.7	5050.7	5041.6	5032.5	4697.5	5032.5	5041.6
80°	2320.0	2844.7	2864.4	2884.1	3014.4	3144.4	3277.3	3410.3	3197.2	3410.3	3277.3
82.5°	1185.7	1474.1	1518.5	1562.9	1642.7	1722.4	1759.6	1797.1	1616.8	1797.1	1759.6
85°	278.9	354.0	426.4	498.9	582.6	666.4	656.9	647.5	546.2	647.5	656.9
87.5°	16.8	17.5	17.8	18.2	18.6	18.9	20.0	21.1	21.8	21.1	20.0
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: P1364150
CATALOG NUMBER: GSS-SB2D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2	2374.2
2.5°	2615.3	2609.5	2603.7	2593.5	2583.6	2574.5	2565.4
5°	2919.7	2898.6	2877.5	2849.8	2822.2	2781.4	2740.2
7.5°	3152.8	3125.9	3098.9	3056.7	3014.4	2965.6	2916.8
10°	3274.4	3249.7	3224.5	3183.4	3142.6	3085.1	3027.9
12.5°	3289.0	3273.3	3257.3	3226.0	3194.3	3139.3	3084.3
15°	3187.0	3195.0	3202.7	3189.6	3176.1	3144.1	3111.7
17.5°	3006.0	3049.7	3093.4	3117.5	3141.9	3130.2	3118.9
20°	2813.0	2895.0	2976.9	3041.4	3106.2	3124.4	3142.6
22.5°	2623.7	2735.5	2847.6	2956.5	3065.4	3116.7	3168.1
25°	2474.4	2605.8	2737.7	2884.4	3031.5	3120.0	3208.2
27.5°	2346.9	2490.0	2632.8	2814.9	2996.9	3131.7	3266.4
30°	2255.9	2405.2	2554.5	2772.6	2990.4	3169.6	3348.3
32.5°	2204.9	2356.8	2509.0	2753.0	2996.9	3222.7	3448.5
35°	2223.1	2364.1	2505.3	2775.5	3046.1	3332.0	3617.8
37.5°	2415.0	2511.2	2607.3	2885.9	3164.5	3498.7	3832.7
40°	2861.5	2866.6	2872.4	3135.7	3399.3	3774.4	4149.5
42.5°	3630.6	3503.1	3375.7	3588.3	3801.0	4197.2	4593.7
45°	4643.6	4360.3	4076.6	4224.9	4373.4	4759.4	5145.4
47.5°	5797.2	5325.7	4854.1	4938.6	5023.4	5348.6	5673.4
50°	6924.3	6296.1	5668.0	5684.4	5700.7	5993.2	6285.2
52.5°	7945.7	7199.6	6453.4	6441.1	6428.0	6749.1	7069.9
55°	8913.6	8055.7	7198.5	7200.7	7202.9	7605.2	8007.6
57.5°	9822.9	8926.7	8030.2	8120.2	8209.7	8586.6	8963.5
60°	10820.7	9899.7	8979.2	9122.3	9265.8	9473.3	9680.9
62.5°	12092.7	11098.9	10105.1	10115.7	10126.2	9755.2	9384.1
65°	*12782.3*	*11581.4*	*10380.1*	*9973.3*	*9566.2*	*8974.4*	*8382.7*
67.5°	11860.3	10506.4	9152.9	8819.7	8486.5	7964.7	7443.2
70°	10474.7	9325.1	8175.1	7937.0	7698.8	7121.3	6543.8
72.5°	8866.3	8029.5	7192.7	7091.8	6990.9	6303.8	5617.0
75°	6805.2	6544.1	6283.4	6216.0	6148.7	5374.1	4599.2
77.5°	5050.7	4876.7	4703.0	4551.9	4400.7	3729.6	3058.8
80°	3144.4	3014.4	2884.1	2864.4	2844.7	2320.0	1795.3
82.5°	1722.4	1642.7	1562.9	1518.5	1474.1	1185.7	897.6
85°	666.4	582.6	498.9	426.4	354.0	278.9	203.9
87.5°	18.9	18.6	18.2	17.8	17.5	16.8	16.4
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

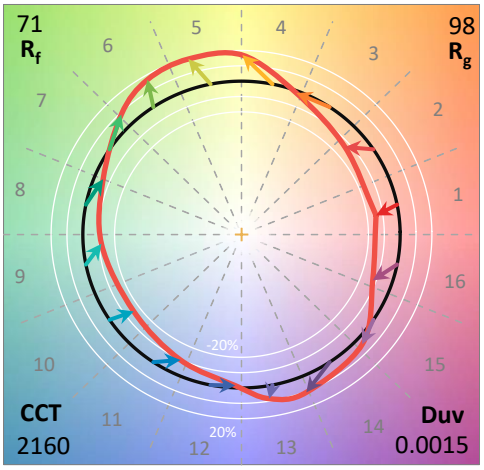
Test Information

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

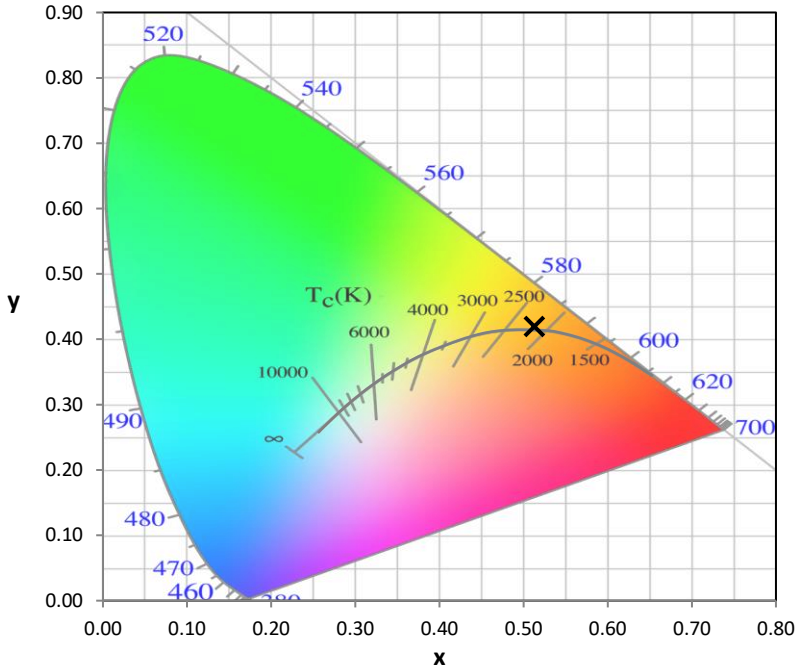
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

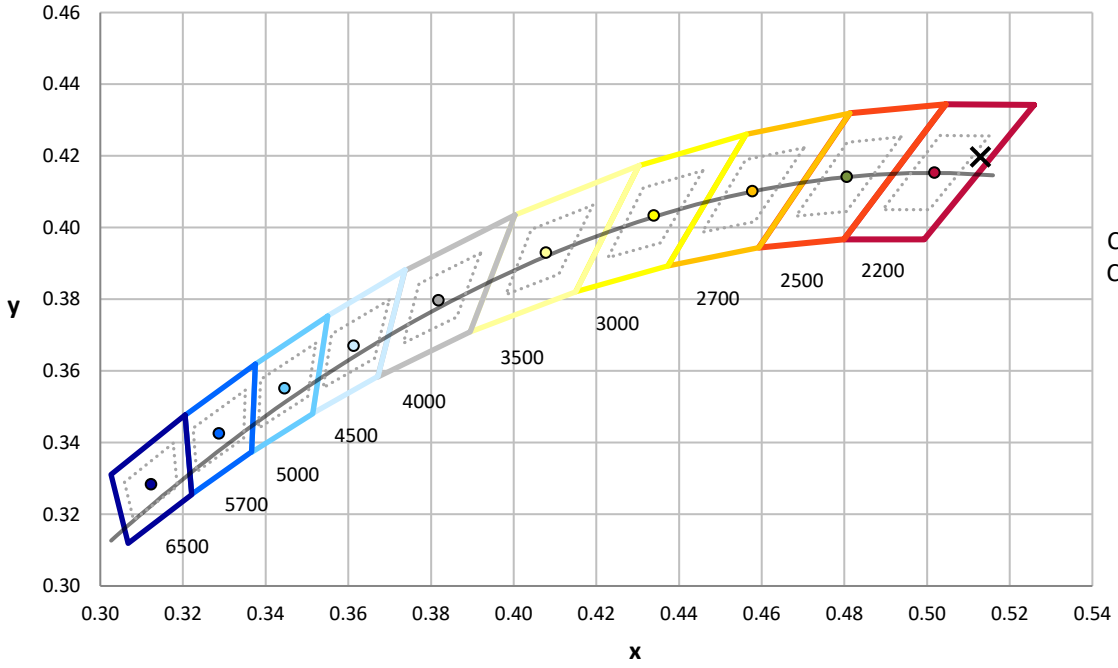
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

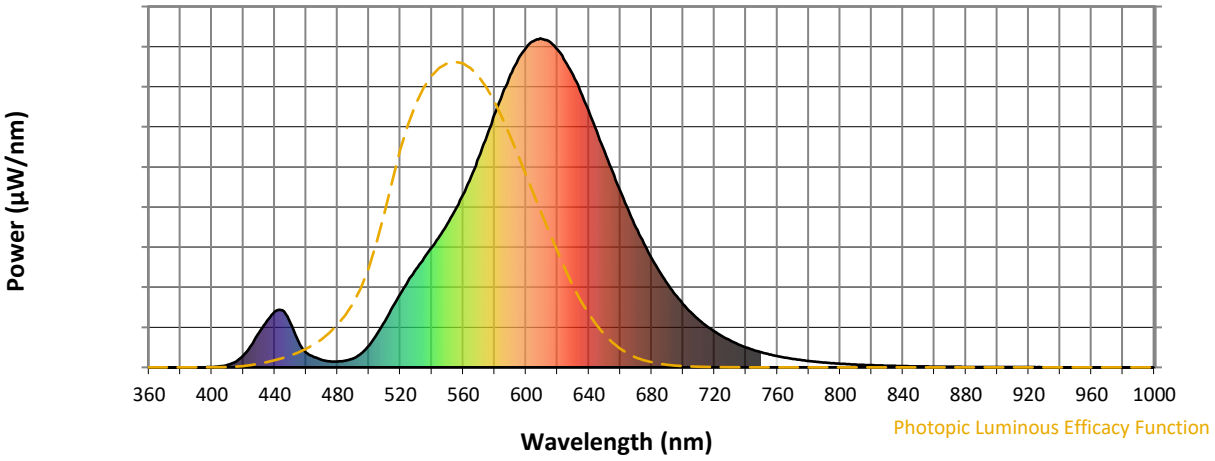


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

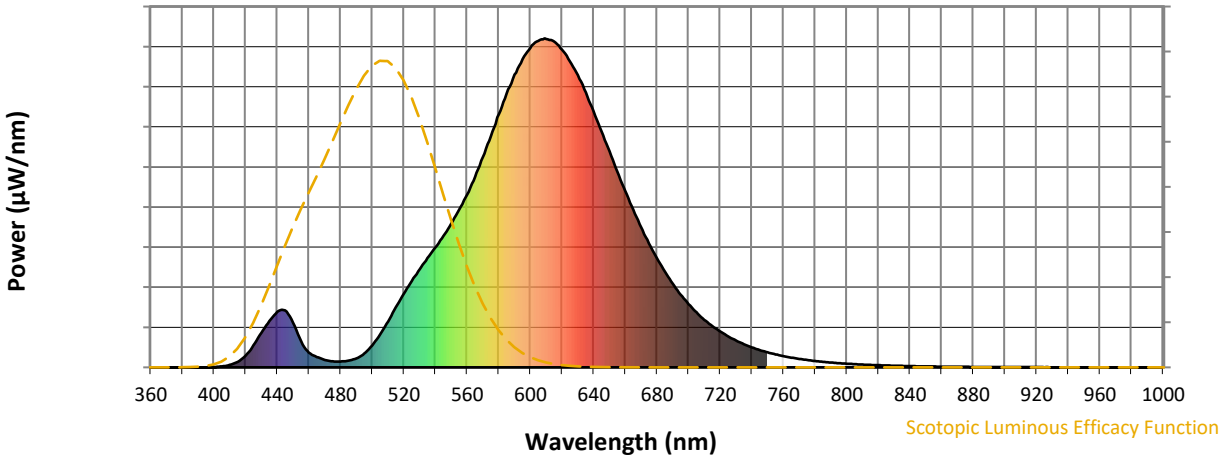


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

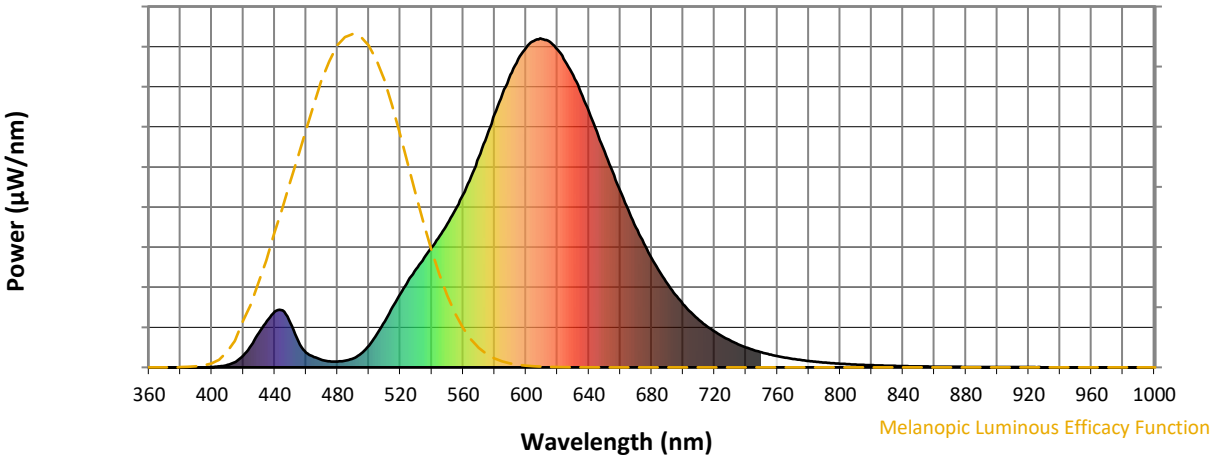


Scotopic Lumens: NR **S/P: 0.8**

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			

REPORT NUMBER: SP1-2407-184-2

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			

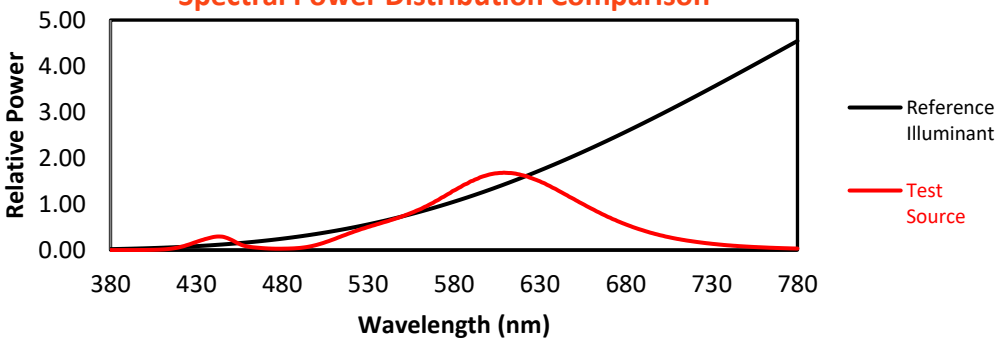
REPORT NUMBER: SP1-2407-184-2

TM-30-18

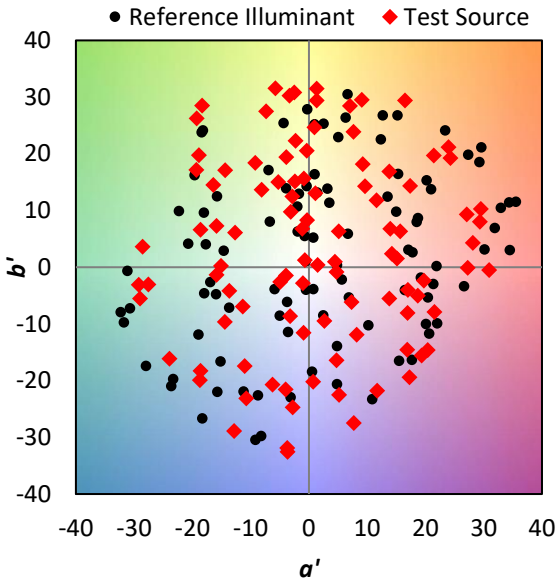
Summary

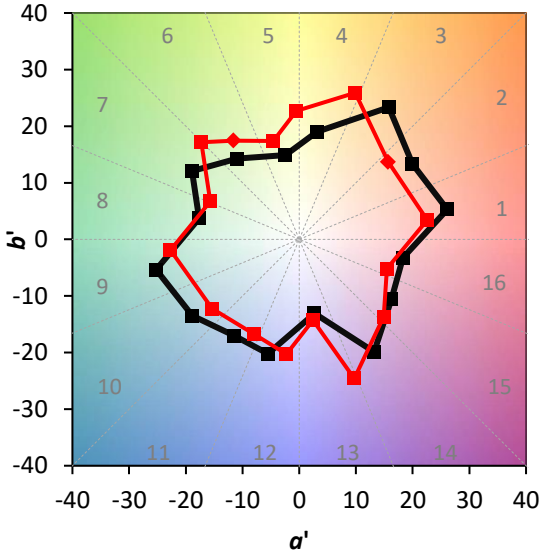
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

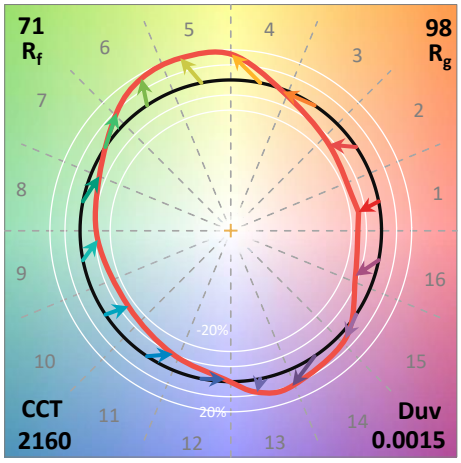
Spectral Power Distribution Comparison

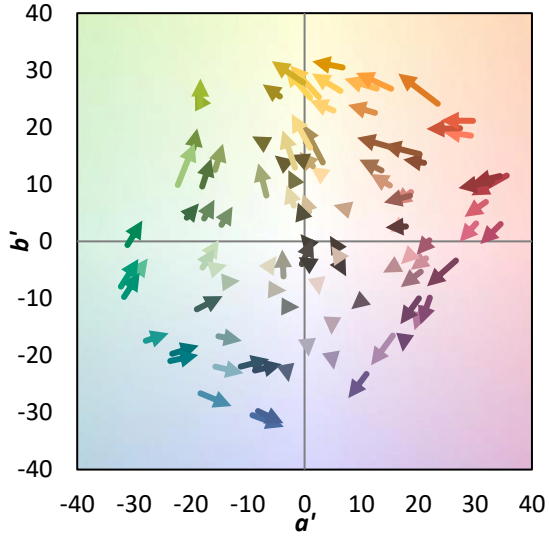


Color Vector Graphics







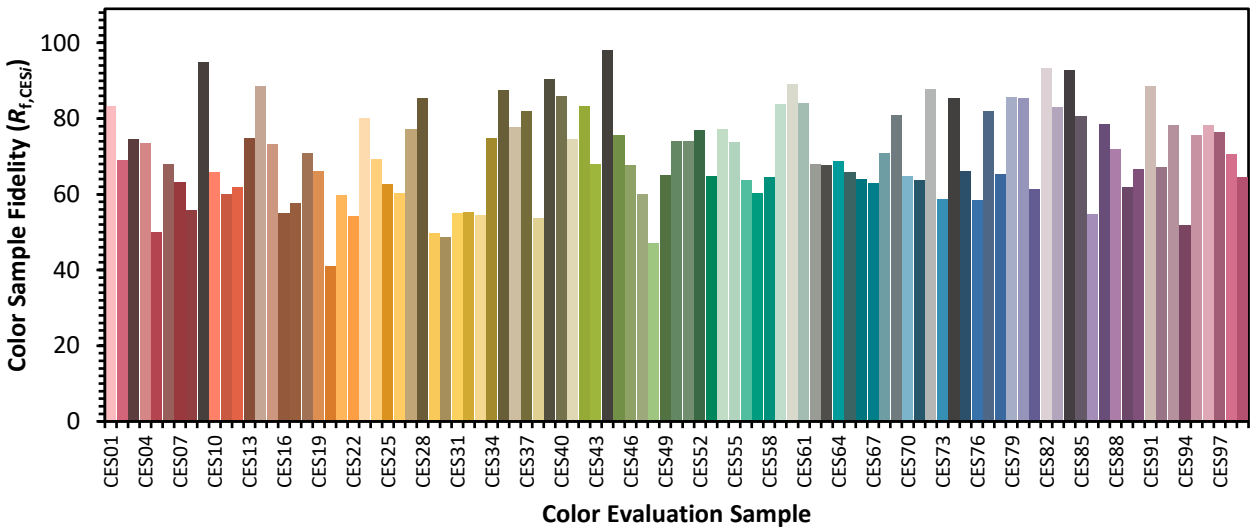


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

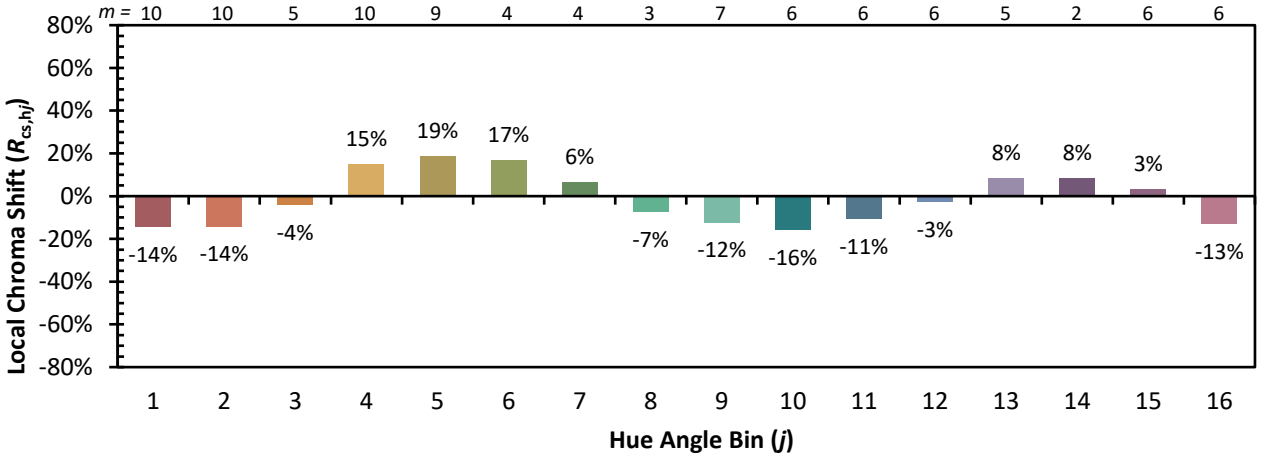
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

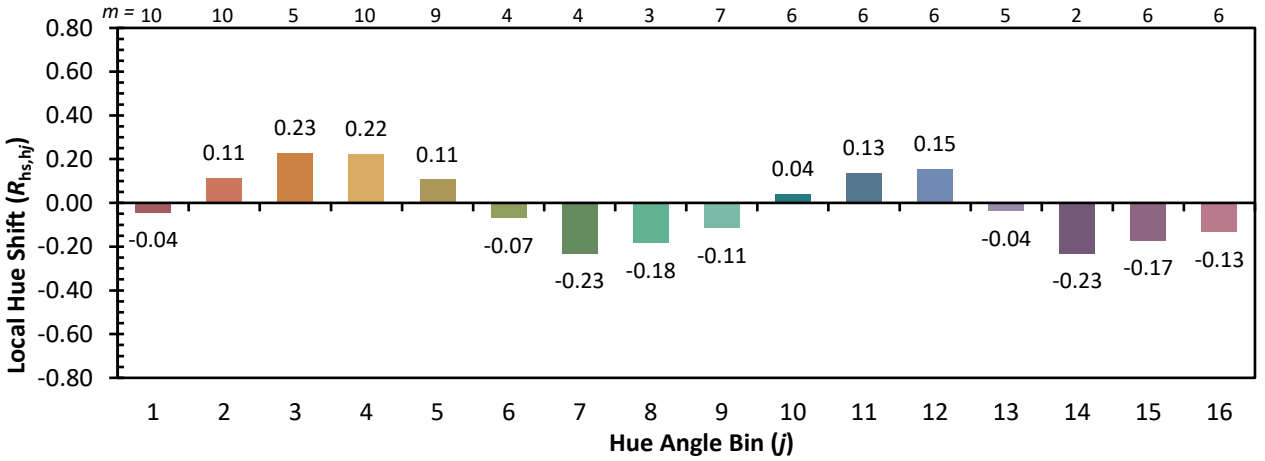


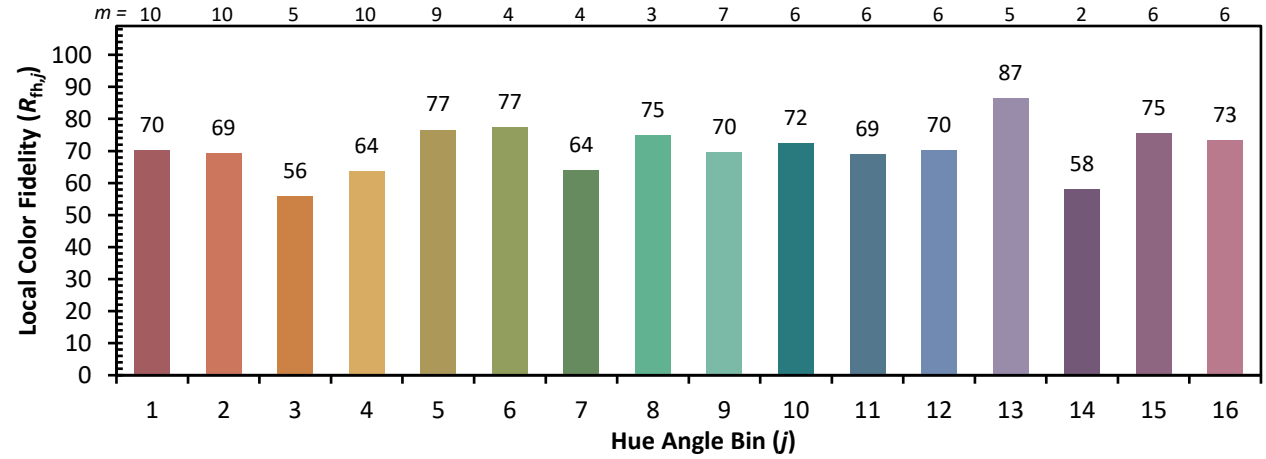
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



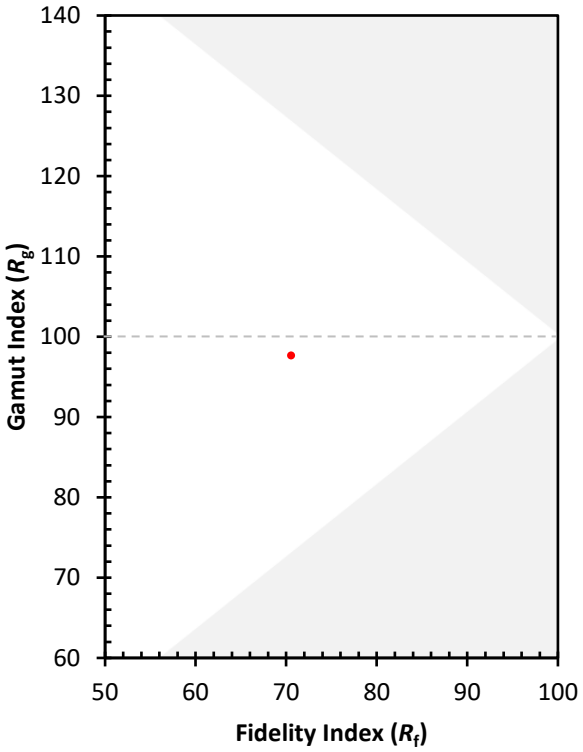


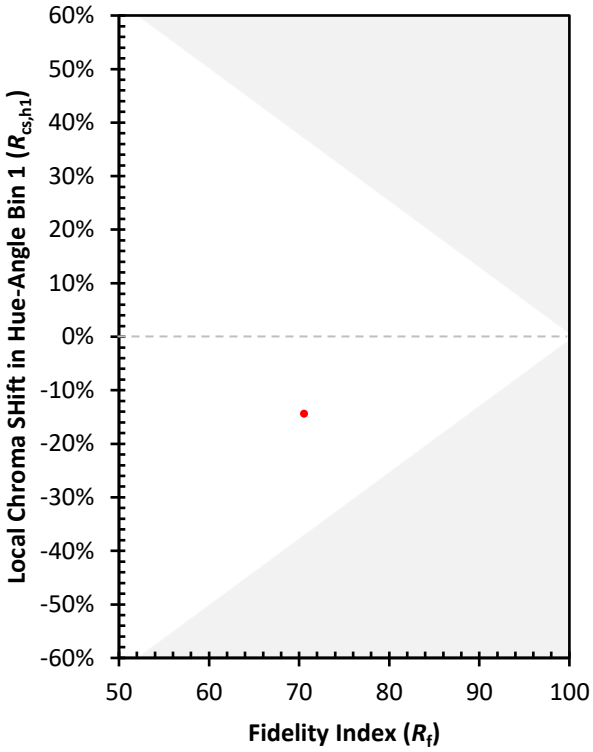


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)