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: P1364155

Luminaire Tested: **GSS-SB4A-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:	P1364155
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-722-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13655.3 lumens
Efficiency:	N/A
Efficacy:	119.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

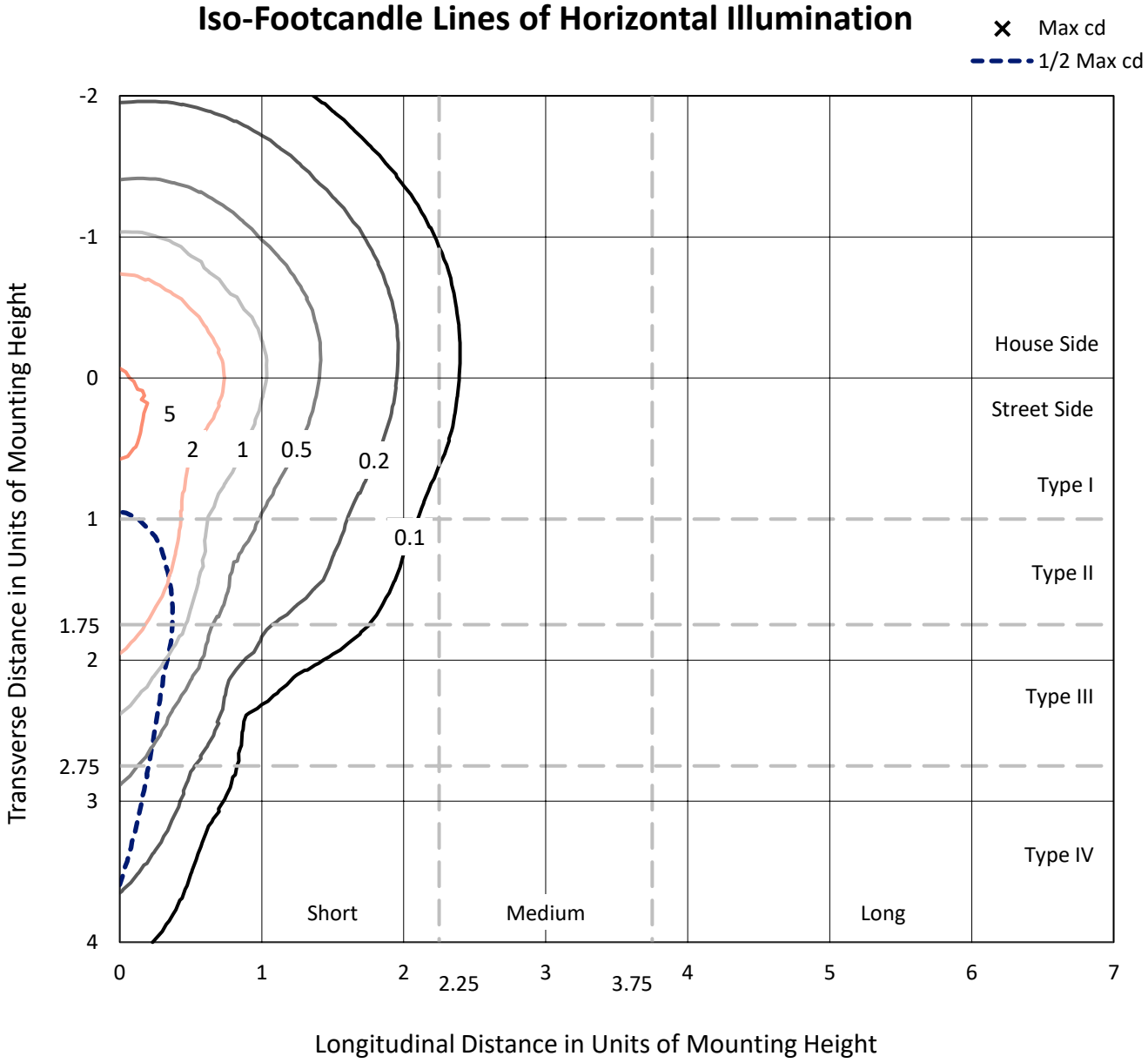
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



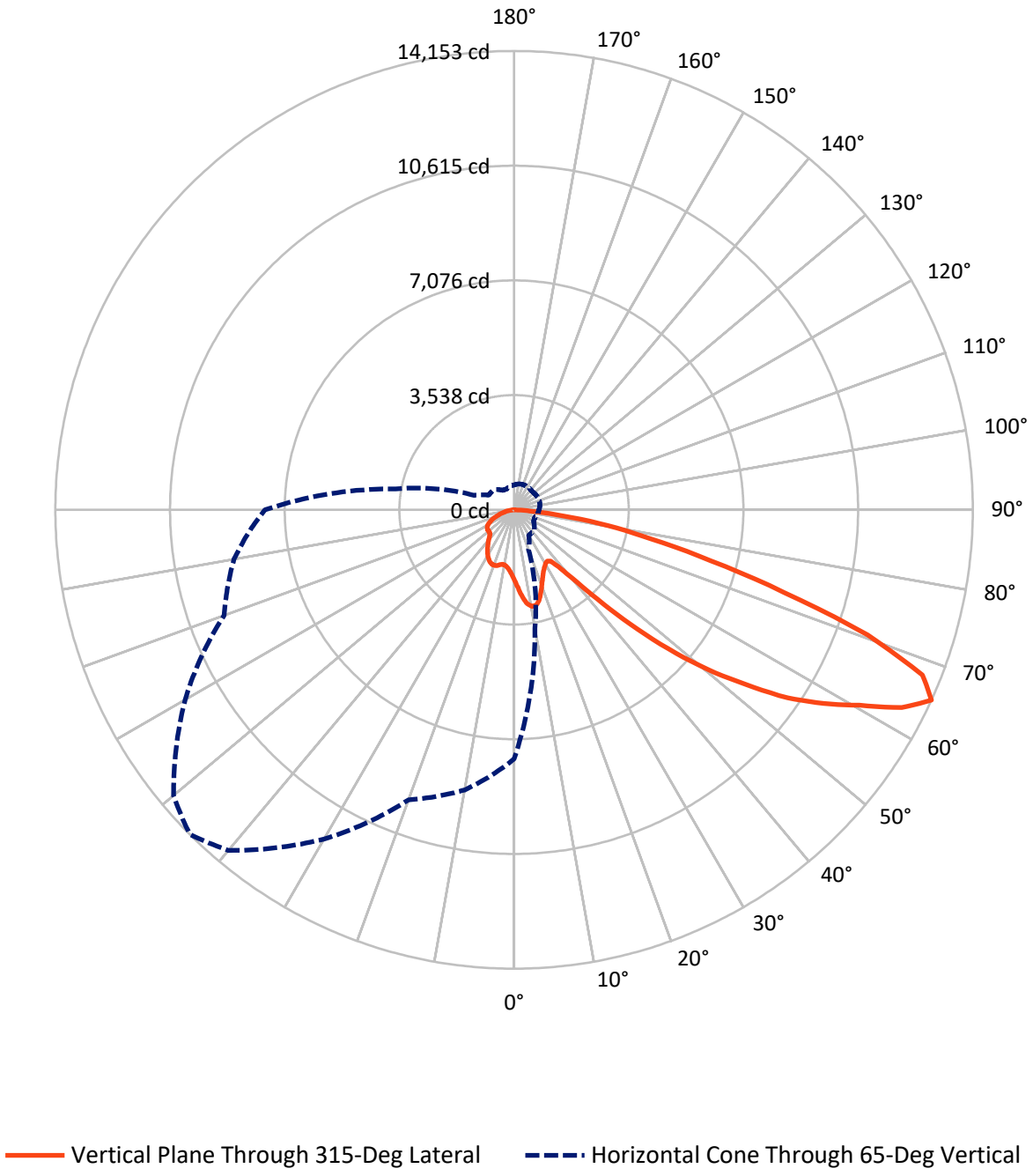
Based on 20 foot mounting height. Maximum calculated value = 6.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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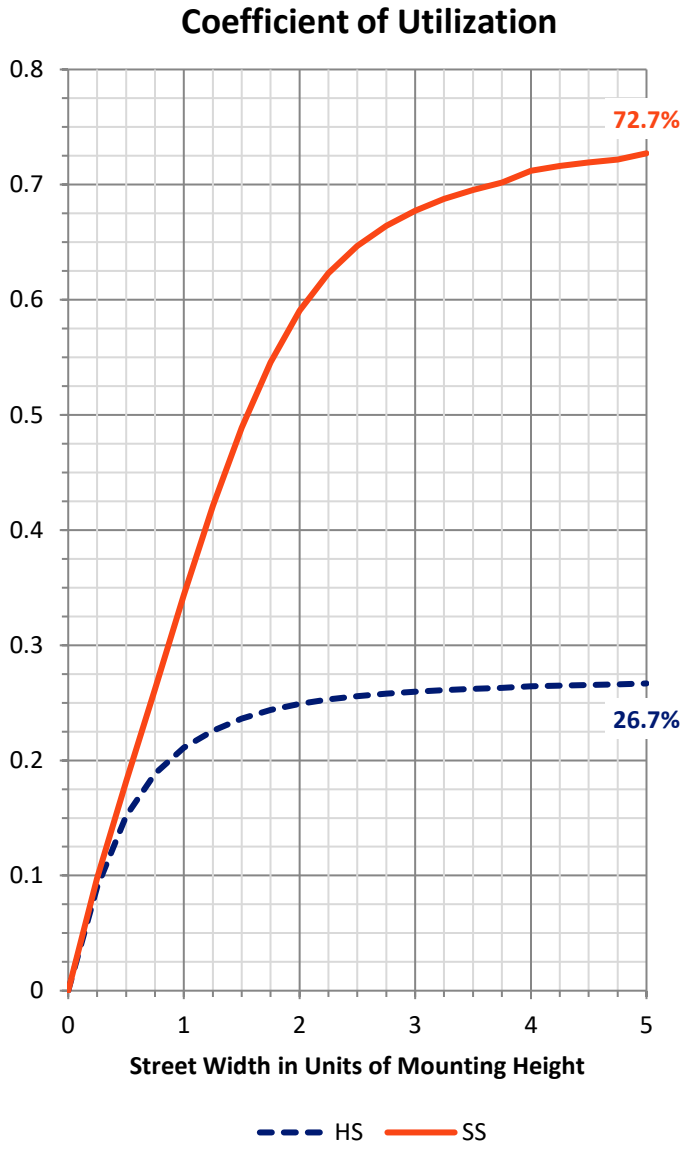
REPORT NUMBER: P1364155
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3673.6	0.0	3673.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	9981.8	0.0	9981.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	13655.3	0.0	13655.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.0	1.6
10°-20°	658.8	4.8
20°-30°	1019.7	7.5
30°-40°	1265.1	9.3
40°-50°	1850.0	13.5
50°-60°	2897.8	21.2
60°-70°	3438.4	25.2
70°-80°	2005.4	14.7
80°-90°	305.1	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°	13655.3	100.0
0°-180°	13655.3	100.0



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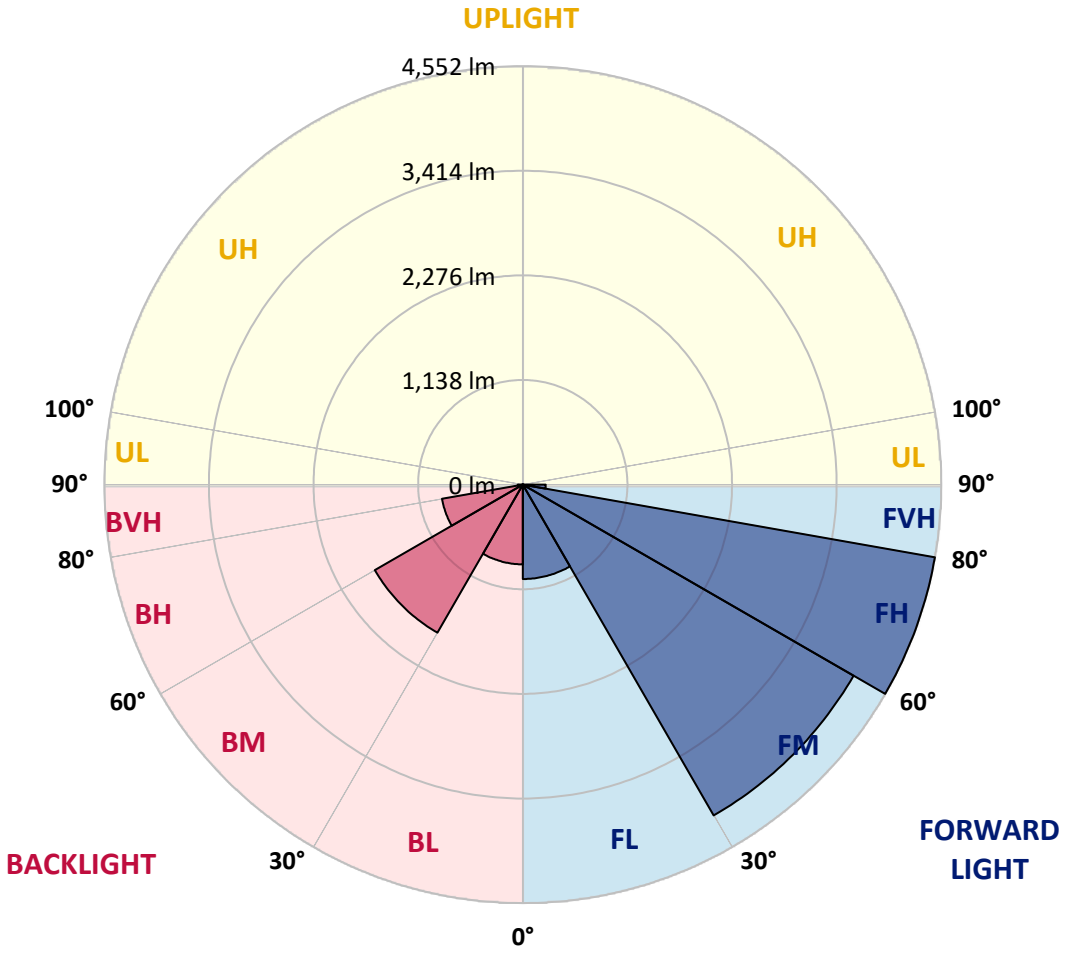
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1026.3	7.5			
FM	(30°-60°)	4154.2	30.4			
FH	(60°-80°)	4551.7	33.3			G2/5000
FVH	(80°-90°)	249.5	1.8			G3/500
BL	(0°-30°)	867.2	6.4	B2/1000		
BM	(30°-60°)	1858.6	13.6	B2/2500		
BH	(60°-80°)	892.2	6.5	B2/1000		G2/1000
BVH	(80°-90°)	55.6	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°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2352.7	2331.3	2310.3	2290.9	2271.5	2252.2	2232.5	2213.8	2194.7	2175.7	2159.0
5°	2513.0	2475.3	2437.9	2398.4	2359.4	2321.0	2282.6	2246.2	2210.1	2172.4	2140.0
7.5°	2675.0	2611.5	2548.1	2488.3	2428.5	2375.1	2321.6	2273.9	2225.8	2175.7	2136.6
10°	2776.8	2701.0	2624.9	2550.7	2476.3	2410.5	2344.3	2289.2	2234.1	2180.7	2139.0
12.5°	2828.6	2753.1	2677.6	2594.5	2511.3	2437.5	2363.7	2302.9	2242.5	2184.0	2143.3
15°	2853.6	2777.1	2701.0	2616.5	2532.0	2452.5	2372.7	2304.3	2235.8	2170.7	2134.6
17.5°	2860.3	2788.8	2717.7	2627.5	2537.4	2446.5	2356.0	2276.2	2196.7	2120.6	2089.9
20°	2882.0	2809.9	2737.7	2640.9	2544.0	2437.5	2331.0	2226.1	2121.3	2020.4	2001.0
22.5°	2905.4	2839.3	2773.5	2666.9	2560.7	2430.5	2300.3	2168.7	2037.1	1916.9	1898.5
25°	2942.1	2885.0	2827.9	2711.7	2595.5	2429.8	2264.2	2100.2	1936.3	1798.3	1796.7
27.5°	2995.6	2951.8	2908.1	2777.1	2646.6	2436.2	2225.8	2030.1	1834.1	1693.1	1701.5
30°	3070.7	3036.3	3002.2	2854.6	2706.7	2449.9	2193.4	1969.0	1744.9	1608.0	1617.0
32.5°	3162.5	3141.2	3119.8	2945.8	2771.8	2465.2	2159.0	1915.6	1672.4	1546.2	1546.2
35°	3317.8	3291.1	3264.4	3042.6	2821.2	2461.6	2102.2	1854.8	1607.0	1509.5	1488.8
37.5°	3514.8	3483.1	3451.4	3160.9	2870.3	2451.2	2032.1	1787.3	1542.9	1466.1	1426.6
40°	3805.4	3742.9	3680.2	3296.1	2912.1	2427.8	1943.6	1706.8	1470.1	1409.3	1359.9
42.5°	4212.8	4080.6	3948.0	3445.7	2942.8	2387.4	1831.7	1611.0	1389.9	1347.5	1286.4
45°	4718.7	4506.7	4294.6	3648.8	3002.9	2359.7	1716.5	1513.5	1310.8	1272.4	1211.6
47.5°	5203.0	4934.5	4666.0	3857.5	3049.0	2327.3	1605.6	1416.6	1228.3	1183.9	1127.1
50°	5764.0	5400.0	5036.0	4039.5	3043.0	2272.2	1501.1	1330.5	1159.5	1098.7	1042.6
52.5°	6483.7	5905.6	5327.2	4125.6	2923.8	2159.3	1395.3	1253.0	1111.4	1033.6	973.5
55°	7343.6	6413.6	5483.5	4102.9	2722.4	2009.7	1296.4	1188.2	1079.3	1001.9	931.1
57.5°	8220.2	6840.0	5460.1	3979.0	2498.0	1853.1	1208.2	1133.4	1058.6	993.5	906.7
60°	8878.1	7031.0	5183.6	3682.2	2180.7	1655.1	1129.4	1077.0	1024.6	973.5	886.6
62.5°	8606.0	6607.2	4608.5	3195.6	1782.6	1403.9	1025.2	995.8	966.8	945.1	862.3
65°	*7687.6*	*5698.9*	*3710.2*	*2506.6*	*1303.1*	*1103.4*	*903.3*	*897.0*	*891.0*	*885.0*	*816.5*
67.5°	6826.0	4894.4	2962.8	1950.6	938.4	843.6	748.7	766.4	784.1	793.1	746.4
70°	6001.1	4158.0	2315.0	1494.8	674.6	641.2	607.8	634.2	660.6	657.9	635.2
72.5°	5151.2	3452.7	1753.9	1123.7	493.6	492.9	492.6	512.6	532.7	505.9	520.3
75°	4217.8	2756.8	1295.7	832.9	370.0	367.7	365.7	389.4	413.4	424.1	433.5
77.5°	2805.2	1808.7	812.2	538.3	264.5	266.5	267.8	293.9	319.9	350.6	352.3
80°	1646.4	1036.9	427.5	297.6	167.6	169.6	171.0	198.4	225.4	268.8	267.2
82.5°	823.2	519.6	216.4	160.0	103.5	103.9	104.2	117.6	130.9	155.3	162.0
85°	187.0	123.6	60.1	50.8	41.7	43.7	46.1	54.8	63.5	76.8	80.8
87.5°	15.0	14.7	14.0	13.7	13.4	14.0	15.0	16.7	18.4	20.0	23.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2141.0	2123.3	2109.2	2095.6	2083.5	2071.2	2056.8	2042.1	2031.8	2021.1	2014.1
5°	2107.9	2076.5	2050.5	2024.4	2003.0	1981.0	1961.6	1941.9	1926.6	1910.9	1898.2
7.5°	2097.6	2058.8	2025.1	1991.0	1962.3	1933.6	1909.5	1885.2	1862.1	1839.4	1824.7
10°	2097.9	2057.1	2022.4	1987.7	1957.3	1926.9	1895.2	1863.5	1838.1	1812.7	1790.7
12.5°	2109.2	2075.5	2051.1	2027.1	1999.0	1971.0	1933.2	1895.2	1860.8	1826.7	1799.7
15°	2112.6	2090.5	2088.5	2086.5	2076.8	2067.2	2032.1	1997.0	1949.6	1901.9	1863.1
17.5°	2086.9	2083.9	2116.9	2150.0	2169.0	2188.1	2163.7	2139.0	2072.2	2005.4	1947.6
20°	2020.1	2038.8	2103.6	2168.0	2219.4	2270.9	2268.2	2265.9	2178.7	2091.2	2015.4
22.5°	1926.6	1954.3	2038.8	2123.3	2197.4	2271.5	2290.6	2309.3	2223.8	2138.0	2044.5
25°	1827.1	1857.4	1935.6	2013.7	2093.5	2173.4	2208.8	2244.2	2173.7	2103.2	2012.4
27.5°	1730.5	1759.9	1818.0	1876.1	1940.3	2004.4	2044.1	2083.9	2040.8	1997.7	1924.2
30°	1639.7	1662.4	1704.5	1746.6	1790.0	1833.4	1865.1	1896.8	1868.5	1840.1	1787.3
32.5°	1555.9	1565.6	1593.0	1620.3	1652.7	1684.8	1702.5	1719.9	1697.8	1675.8	1641.0
35°	1480.7	1472.7	1490.8	1508.8	1534.8	1561.2	1574.6	1587.9	1569.6	1551.2	1520.2
37.5°	1405.3	1383.2	1391.9	1399.9	1422.3	1444.3	1463.4	1482.7	1469.4	1456.0	1429.6
40°	1327.8	1295.7	1295.1	1294.1	1315.4	1336.5	1360.5	1384.2	1381.9	1379.2	1354.2
42.5°	1245.6	1204.9	1200.6	1196.2	1217.3	1238.3	1263.7	1289.1	1294.1	1299.1	1278.4
45°	1169.5	1128.1	1121.4	1114.7	1132.8	1151.5	1179.2	1207.2	1218.9	1230.6	1211.9
47.5°	1091.4	1055.3	1051.3	1046.9	1066.0	1085.3	1116.1	1147.1	1159.5	1172.2	1159.5
50°	1013.2	983.5	988.5	993.5	1014.5	1035.3	1059.3	1083.7	1106.7	1129.4	1127.1
52.5°	951.4	929.1	944.8	960.1	979.1	998.5	1023.6	1048.6	1072.7	1097.0	1100.7
55°	906.3	881.6	903.7	925.7	948.8	971.8	995.2	1018.6	1041.3	1063.6	1068.6
57.5°	871.9	837.6	859.6	881.6	906.7	931.7	955.1	978.5	1004.9	1031.2	1035.3
60°	843.2	799.8	814.5	828.9	854.6	880.0	904.3	928.4	955.1	981.8	987.2
62.5°	805.5	748.7	750.7	752.1	781.1	809.8	829.9	849.9	875.3	901.0	908.7
65°	*755.4*	*694.6*	*687.9*	*681.3*	*708.6*	*736.4*	*752.1*	*768.1*	*790.1*	*812.2*	*819.9*
67.5°	692.6	638.5	624.8	611.1	636.5	661.9	674.9	687.9	703.0	718.0	726.7
70°	603.1	571.1	562.4	553.7	574.4	595.1	606.5	617.8	629.8	641.9	646.5
72.5°	513.0	505.9	499.6	493.6	509.3	525.0	534.7	544.3	555.7	567.1	569.7
75°	429.5	425.8	421.1	416.8	428.8	440.8	448.2	455.8	467.5	479.2	484.2
77.5°	343.6	334.6	329.9	324.6	335.6	346.6	353.7	360.7	370.4	380.0	381.4
80°	256.5	245.5	241.8	237.8	245.8	253.8	256.5	258.8	266.8	274.5	274.5
82.5°	162.0	162.0	159.6	157.0	155.3	153.6	150.3	146.9	155.0	163.0	165.6
85°	81.5	81.8	78.1	74.1	69.5	64.1	63.1	61.8	61.4	60.8	63.1
87.5°	25.4	27.4	29.4	30.7	32.7	34.1	33.1	31.7	30.4	29.4	26.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2007.1	2003.7	2000.4	1997.7	1995.4	1993.7	1995.4	1997.7	2000.4	2003.7	2007.1
5°	1885.2	1879.8	1874.1	1870.5	1866.8	1863.5	1866.8	1870.5	1874.1	1879.8	1885.2
7.5°	1810.0	1801.3	1792.7	1786.3	1780.0	1776.6	1780.0	1786.3	1792.7	1801.3	1810.0
10°	1769.3	1756.9	1744.9	1738.2	1731.5	1726.5	1731.5	1738.2	1744.9	1756.9	1769.3
12.5°	1772.6	1757.3	1742.6	1732.5	1722.5	1716.5	1722.5	1732.5	1742.6	1757.3	1772.6
15°	1824.0	1802.7	1780.6	1768.3	1755.9	1746.6	1755.9	1768.3	1780.6	1802.7	1824.0
17.5°	1890.2	1858.8	1827.4	1816.4	1805.0	1800.0	1805.0	1816.4	1827.4	1858.8	1890.2
20°	1939.6	1897.5	1856.1	1839.4	1822.7	1816.7	1822.7	1839.4	1856.1	1897.5	1939.6
22.5°	1950.9	1901.5	1851.8	1836.1	1820.0	1813.4	1820.0	1836.1	1851.8	1901.5	1950.9
25°	1921.9	1869.8	1817.4	1801.3	1785.0	1780.0	1785.0	1801.3	1817.4	1869.8	1921.9
27.5°	1850.8	1804.7	1758.3	1741.2	1723.9	1713.2	1723.9	1741.2	1758.3	1804.7	1850.8
30°	1734.9	1700.5	1666.4	1655.7	1644.7	1639.7	1644.7	1655.7	1666.4	1700.5	1734.9
32.5°	1606.3	1584.9	1563.6	1556.6	1549.5	1546.2	1549.5	1556.6	1563.6	1584.9	1606.3
35°	1489.4	1474.1	1458.7	1453.0	1447.7	1442.7	1447.7	1453.0	1458.7	1474.1	1489.4
37.5°	1403.3	1385.2	1366.5	1356.5	1346.5	1339.1	1346.5	1356.5	1366.5	1385.2	1403.3
40°	1329.1	1303.1	1277.4	1263.7	1249.6	1242.3	1249.6	1263.7	1277.4	1303.1	1329.1
42.5°	1257.3	1227.3	1197.2	1176.2	1155.5	1142.1	1155.5	1176.2	1197.2	1227.3	1257.3
45°	1192.9	1159.1	1125.4	1100.4	1075.3	1058.6	1075.3	1100.4	1125.4	1159.1	1192.9
47.5°	1147.1	1118.1	1088.7	1066.6	1044.6	1028.6	1044.6	1066.6	1088.7	1118.1	1147.1
50°	1124.8	1101.7	1078.7	1058.0	1036.9	1021.9	1036.9	1058.0	1078.7	1101.7	1124.8
52.5°	1104.7	1088.0	1071.3	1053.3	1035.3	1021.9	1035.3	1053.3	1071.3	1088.0	1104.7
55°	1073.7	1061.6	1049.3	1035.9	1022.6	1011.9	1022.6	1035.9	1049.3	1061.6	1073.7
57.5°	1039.3	1026.6	1013.5	1003.5	993.5	988.5	993.5	1003.5	1013.5	1026.6	1039.3
60°	992.5	982.5	972.5	963.1	953.4	945.1	953.4	963.1	972.5	982.5	992.5
62.5°	916.7	912.0	907.7	897.0	886.6	875.0	886.6	897.0	907.7	912.0	916.7
65°	*827.5*	*825.2*	*823.2*	*815.5*	*808.2*	*794.8*	*808.2*	*815.5*	*823.2*	*825.2*	*827.5*
67.5°	735.4	731.0	726.3	718.3	710.7	708.0	710.7	718.3	726.3	731.0	735.4
70°	651.2	644.5	637.8	619.8	601.8	581.1	601.8	619.8	637.8	644.5	651.2
72.5°	572.7	562.4	551.7	530.7	509.3	487.6	509.3	530.7	551.7	562.4	572.7
75°	489.2	474.5	460.2	437.8	415.8	400.7	415.8	437.8	460.2	474.5	489.2
77.5°	383.4	370.7	358.0	344.6	331.3	323.9	331.3	344.6	358.0	370.7	383.4
80°	274.5	265.2	255.5	248.8	242.1	237.1	242.1	248.8	255.5	265.2	274.5
82.5°	168.6	164.3	160.3	153.0	145.3	140.3	145.3	153.0	160.3	164.3	168.6
85°	65.1	64.1	63.5	60.8	58.4	56.8	58.4	60.8	63.5	64.1	65.1
87.5°	24.0	22.0	20.0	18.7	17.4	16.7	17.4	18.7	20.0	22.0	24.0
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: P1364155
CATALOG NUMBER: GSS-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2014.1	2021.1	2031.8	2042.1	2056.8	2071.2	2083.5	2095.6	2109.2	2123.3	2141.0
5°	1898.2	1910.9	1926.6	1941.9	1961.6	1981.0	2003.0	2024.4	2050.5	2076.5	2107.9
7.5°	1824.7	1839.4	1862.1	1885.2	1909.5	1933.6	1962.3	1991.0	2025.1	2058.8	2097.6
10°	1790.7	1812.7	1838.1	1863.5	1895.2	1926.9	1957.3	1987.7	2022.4	2057.1	2097.9
12.5°	1799.7	1826.7	1860.8	1895.2	1933.2	1971.0	1999.0	2027.1	2051.1	2075.5	2109.2
15°	1863.1	1901.9	1949.6	1997.0	2032.1	2067.2	2076.8	2086.5	2088.5	2090.5	2112.6
17.5°	1947.6	2005.4	2072.2	2139.0	2163.7	2188.1	2169.0	2150.0	2116.9	2083.9	2086.9
20°	2015.4	2091.2	2178.7	2265.9	2268.2	2270.9	2219.4	2168.0	2103.6	2038.8	2020.1
22.5°	2044.5	2138.0	2223.8	2309.3	2290.6	2271.5	2197.4	2123.3	2038.8	1954.3	1926.6
25°	2012.4	2103.2	2173.7	2244.2	2208.8	2173.4	2093.5	2013.7	1935.6	1857.4	1827.1
27.5°	1924.2	1997.7	2040.8	2083.9	2044.1	2004.4	1940.3	1876.1	1818.0	1759.9	1730.5
30°	1787.3	1840.1	1868.5	1896.8	1865.1	1833.4	1790.0	1746.6	1704.5	1662.4	1639.7
32.5°	1641.0	1675.8	1697.8	1719.9	1702.5	1684.8	1652.7	1620.3	1593.0	1565.6	1555.9
35°	1520.2	1551.2	1569.6	1587.9	1574.6	1561.2	1534.8	1508.8	1490.8	1472.7	1480.7
37.5°	1429.6	1456.0	1469.4	1482.7	1463.4	1444.3	1422.3	1399.9	1391.9	1383.2	1405.3
40°	1354.2	1379.2	1381.9	1384.2	1360.5	1336.5	1315.4	1294.1	1295.1	1295.7	1327.8
42.5°	1278.4	1299.1	1294.1	1289.1	1263.7	1238.3	1217.3	1196.2	1200.6	1204.9	1245.6
45°	1211.9	1230.6	1218.9	1207.2	1179.2	1151.5	1132.8	1114.7	1121.4	1128.1	1169.5
47.5°	1159.5	1172.2	1159.5	1147.1	1116.1	1085.3	1066.0	1046.9	1051.3	1055.3	1091.4
50°	1127.1	1129.4	1106.7	1083.7	1059.3	1035.3	1014.5	993.5	988.5	983.5	1013.2
52.5°	1100.7	1097.0	1072.7	1048.6	1023.6	998.5	979.1	960.1	944.8	929.1	951.4
55°	1068.6	1063.6	1041.3	1018.6	995.2	971.8	948.8	925.7	903.7	881.6	906.3
57.5°	1035.3	1031.2	1004.9	978.5	955.1	931.7	906.7	881.6	859.6	837.6	871.9
60°	987.2	981.8	955.1	928.4	904.3	880.0	854.6	828.9	814.5	799.8	843.2
62.5°	908.7	901.0	875.3	849.9	829.9	809.8	781.1	752.1	750.7	748.7	805.5
65°	*819.9*	*812.2*	*790.1*	*768.1*	*752.1*	*736.4*	*708.6*	*681.3*	*687.9*	*694.6*	*755.4*
67.5°	726.7	718.0	703.0	687.9	674.9	661.9	636.5	611.1	624.8	638.5	692.6
70°	646.5	641.9	629.8	617.8	606.5	595.1	574.4	553.7	562.4	571.1	603.1
72.5°	569.7	567.1	555.7	544.3	534.7	525.0	509.3	493.6	499.6	505.9	513.0
75°	484.2	479.2	467.5	455.8	448.2	440.8	428.8	416.8	421.1	425.8	429.5
77.5°	381.4	380.0	370.4	360.7	353.7	346.6	335.6	324.6	329.9	334.6	343.6
80°	274.5	274.5	266.8	258.8	256.5	253.8	245.8	237.8	241.8	245.5	256.5
82.5°	165.6	163.0	155.0	146.9	150.3	153.6	155.3	157.0	159.6	162.0	162.0
85°	63.1	60.8	61.4	61.8	63.1	64.1	69.5	74.1	78.1	81.8	81.5
87.5°	26.7	29.4	30.4	31.7	33.1	34.1	32.7	30.7	29.4	27.4	25.4
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: P1364155
CATALOG NUMBER: GSS-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2159.0	2175.7	2194.7	2213.8	2232.5	2252.2	2271.5	2290.9	2310.3	2331.3	2352.7
5°	2140.0	2172.4	2210.1	2246.2	2282.6	2321.0	2359.4	2398.4	2437.9	2475.3	2513.0
7.5°	2136.6	2175.7	2225.8	2273.9	2321.6	2375.1	2428.5	2488.3	2548.1	2611.5	2675.0
10°	2139.0	2180.7	2234.1	2289.2	2344.3	2410.5	2476.3	2550.7	2624.9	2701.0	2776.8
12.5°	2143.3	2184.0	2242.5	2302.9	2363.7	2437.5	2511.3	2594.5	2677.6	2753.1	2828.6
15°	2134.6	2170.7	2235.8	2304.3	2372.7	2452.5	2532.0	2616.5	2701.0	2777.1	2853.6
17.5°	2089.9	2120.6	2196.7	2276.2	2356.0	2446.5	2537.4	2627.5	2717.7	2788.8	2860.3
20°	2001.0	2020.4	2121.3	2226.1	2331.0	2437.5	2544.0	2640.9	2737.7	2809.9	2882.0
22.5°	1898.5	1916.9	2037.1	2168.7	2300.3	2430.5	2560.7	2666.9	2773.5	2839.3	2905.4
25°	1796.7	1798.3	1936.3	2100.2	2264.2	2429.8	2595.5	2711.7	2827.9	2885.0	2942.1
27.5°	1701.5	1693.1	1834.1	2030.1	2225.8	2436.2	2646.6	2777.1	2908.1	2951.8	2995.6
30°	1617.0	1608.0	1744.9	1969.0	2193.4	2449.9	2706.7	2854.6	3002.2	3036.3	3070.7
32.5°	1546.2	1546.2	1672.4	1915.6	2159.0	2465.2	2771.8	2945.8	3119.8	3141.2	3162.5
35°	1488.8	1509.5	1607.0	1854.8	2102.2	2461.6	2821.2	3042.6	3264.4	3291.1	3317.8
37.5°	1426.6	1466.1	1542.9	1787.3	2032.1	2451.2	2870.3	3160.9	3451.4	3483.1	3514.8
40°	1359.9	1409.3	1470.1	1706.8	1943.6	2427.8	2912.1	3296.1	3680.2	3742.9	3805.4
42.5°	1286.4	1347.5	1389.9	1611.0	1831.7	2387.4	2942.8	3445.7	3948.0	4080.6	4212.8
45°	1211.6	1272.4	1310.8	1513.5	1716.5	2359.7	3002.9	3648.8	4294.6	4506.7	4718.7
47.5°	1127.1	1183.9	1228.3	1416.6	1605.6	2327.3	3049.0	3857.5	4666.0	4934.5	5203.0
50°	1042.6	1098.7	1159.5	1330.5	1501.1	2272.2	3043.0	4039.5	5036.0	5400.0	5764.0
52.5°	973.5	1033.6	1111.4	1253.0	1395.3	2159.3	2923.8	4125.6	5327.2	5905.6	6483.7
55°	931.1	1001.9	1079.3	1188.2	1296.4	2009.7	2722.4	4102.9	5483.5	6413.6	7343.6
57.5°	906.7	993.5	1058.6	1133.4	1208.2	1853.1	2498.0	3979.0	5460.1	6840.0	8220.2
60°	886.6	973.5	1024.6	1077.0	1129.4	1655.1	2180.7	3682.2	5183.6	7031.0	8878.1
62.5°	862.3	945.1	966.8	995.8	1025.2	1403.9	1782.6	3195.6	4608.5	6607.2	8606.0
65°	*816.5*	*885.0*	*891.0*	*897.0*	*903.3*	*1103.4*	*1303.1*	*2506.6*	*3710.2*	*5698.9*	*7687.6*
67.5°	746.4	793.1	784.1	766.4	748.7	843.6	938.4	1950.6	2962.8	4894.4	6826.0
70°	635.2	657.9	660.6	634.2	607.8	641.2	674.6	1494.8	2315.0	4158.0	6001.1
72.5°	520.3	505.9	532.7	512.6	492.6	492.9	493.6	1123.7	1753.9	3452.7	5151.2
75°	433.5	424.1	413.4	389.4	365.7	367.7	370.0	832.9	1295.7	2756.8	4217.8
77.5°	352.3	350.6	319.9	293.9	267.8	266.5	264.5	538.3	812.2	1808.7	2805.2
80°	267.2	268.8	225.4	198.4	171.0	169.6	167.6	297.6	427.5	1036.9	1646.4
82.5°	162.0	155.3	130.9	117.6	104.2	103.9	103.5	160.0	216.4	519.6	823.2
85°	80.8	76.8	63.5	54.8	46.1	43.7	41.7	50.8	60.1	123.6	187.0
87.5°	23.4	20.0	18.4	16.7	15.0	14.0	13.4	13.7	14.0	14.7	15.0
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
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Peachtree City, GA 30269

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REPORT NUMBER: P1364155
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	*2177.4*	2177.4	2177.4
2.5°	2361.0	2369.4	2378.4	2387.8	2393.1	2398.4	2404.1	2409.5	*2414.5*	2409.5	2404.1
5°	2550.7	2588.1	2613.5	2638.9	2658.3	2677.6	2688.6	2700.0	*2701.7*	2700.0	2688.6
7.5°	2719.7	2764.5	2803.2	2841.9	2866.6	2891.4	2905.7	2920.4	*2925.4*	2920.4	2905.7
10°	2829.2	2882.0	2919.4	2957.1	2980.2	3002.9	3014.3	3025.6	*3028.9*	3025.6	3014.3
12.5°	2879.0	2929.4	2958.5	2987.2	3001.9	3016.3	3021.6	3026.3	*3022.3*	3026.3	3021.6
15°	2883.3	2912.7	2925.1	2937.1	2930.1	2922.8	2912.4	2902.0	*2895.4*	2902.0	2912.4
17.5°	2870.7	2881.3	2859.0	2836.9	2796.9	2756.8	2726.7	2696.7	*2675.0*	2696.7	2726.7
20°	2865.3	2848.6	2789.2	2730.1	2654.9	2579.8	2529.4	2478.6	*2447.9*	2478.6	2529.4
22.5°	2858.3	2811.2	2711.4	2611.5	2508.6	2406.1	2348.0	2290.2	*2257.5*	2290.2	2348.0
25°	2861.3	2780.2	2645.2	2510.7	2389.8	2269.2	2206.1	2143.3	*2107.2*	2143.3	2206.1
27.5°	2872.0	2748.4	2581.5	2414.5	2283.6	2152.3	2092.2	2032.1	*2000.4*	2032.1	2092.2
30°	2906.7	2742.4	2542.7	2342.7	2205.8	2068.8	2010.1	1950.9	*1916.9*	1950.9	2010.1
32.5°	2955.5	2748.4	2524.7	2300.9	2161.3	2022.1	1965.6	1909.5	*1880.2*	1909.5	1965.6
35°	3055.7	2793.5	2545.4	2297.6	2168.0	2038.8	1997.4	1956.3	*1940.3*	1956.3	1997.4
37.5°	3208.6	2902.0	2646.6	2391.1	2302.9	2214.8	2214.8	2214.8	*2227.5*	2214.8	2214.8
40°	3461.4	3117.4	2875.7	2634.2	2628.9	2624.2	2680.3	2736.7	*2761.8*	2736.7	2680.3
42.5°	3849.1	3485.8	3290.8	3095.7	3212.6	3329.5	3491.8	3654.1	*3760.3*	3654.1	3491.8
45°	4364.8	4010.8	3874.5	3738.6	3998.7	4258.6	4545.4	4832.3	*5036.0*	4832.3	4545.4
47.5°	4905.1	4606.9	4529.1	4451.6	4884.1	5316.5	5737.0	6157.4	*6405.2*	6157.4	5737.0
50°	5496.2	5228.0	5213.0	5198.0	5774.0	6350.1	6892.8	7435.4	*7737.7*	7435.4	6892.8
52.5°	6189.5	5894.9	5906.9	5918.3	6602.6	7286.8	7943.1	8599.3	*8939.9*	8599.3	7943.1
55°	6974.6	6605.6	6603.6	6601.6	7387.7	8174.5	8980.6	9787.5	*10242.3*	9787.5	8980.6
57.5°	7874.6	7529.0	7446.8	7364.3	8186.5	9008.4	9898.7	10789.3	*11267.5*	10789.3	9898.7
60°	8687.8	8497.4	8365.8	8234.6	9078.8	9923.4	10843.1	11762.5	*12239.4*	11762.5	10843.1
62.5°	8946.2	9286.5	9276.9	9267.2	10178.5	11089.9	12046.3	13003.4	*13431.6*	13003.4	12046.3
65°	*8230.3*	*8772.9*	*9146.3*	*9519.3*	*10621.0*	*11722.4*	*12718.9*	*13715.4*	*14152.9*	*13715.4*	*12718.9*
67.5°	7304.2	7782.8	8088.3	8393.9	9635.2	10876.8	12007.6	13138.4	*13588.5*	13138.4	12007.6
70°	6530.8	7060.4	7278.8	7497.2	8551.8	9606.1	10500.8	11395.1	*11571.4*	11395.1	10500.8
72.5°	5781.0	6411.2	6503.7	6596.2	7363.6	8131.1	8607.6	9084.2	*8699.5*	9084.2	8607.6
75°	4928.5	5638.8	5700.6	5762.3	6001.5	6240.9	6362.1	6483.7	*6264.9*	6483.7	6362.1
77.5°	3420.3	4035.8	4174.4	4313.0	4472.3	4631.9	4623.6	4615.2	*4308.0*	4615.2	4623.6
80°	2127.6	2608.8	2626.9	2644.9	2764.5	2883.7	3005.6	3127.5	*2932.1*	3127.5	3005.6
82.5°	1087.3	1351.8	1392.6	1433.3	1506.5	1579.6	1613.7	1648.1	*1482.7*	1648.1	1613.7
85°	255.8	324.6	391.1	457.5	534.3	611.1	602.4	593.8	*500.9*	593.8	602.4
87.5°	15.4	16.0	16.4	16.7	17.0	17.4	18.4	19.4	*20.0*	19.4	18.4
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364155
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4	2177.4
2.5°	2398.4	2393.1	2387.8	2378.4	2369.4	2361.0	2352.7
5°	2677.6	2658.3	2638.9	2613.5	2588.1	2550.7	2513.0
7.5°	2891.4	2866.6	2841.9	2803.2	2764.5	2719.7	2675.0
10°	3002.9	2980.2	2957.1	2919.4	2882.0	2829.2	2776.8
12.5°	3016.3	3001.9	2987.2	2958.5	2929.4	2879.0	2828.6
15°	2922.8	2930.1	2937.1	2925.1	2912.7	2883.3	2853.6
17.5°	2756.8	2796.9	2836.9	2859.0	2881.3	2870.7	2860.3
20°	2579.8	2654.9	2730.1	2789.2	2848.6	2865.3	2882.0
22.5°	2406.1	2508.6	2611.5	2711.4	2811.2	2858.3	2905.4
25°	2269.2	2389.8	2510.7	2645.2	2780.2	2861.3	2942.1
27.5°	2152.3	2283.6	2414.5	2581.5	2748.4	2872.0	2995.6
30°	2068.8	2205.8	2342.7	2542.7	2742.4	2906.7	3070.7
32.5°	2022.1	2161.3	2300.9	2524.7	2748.4	2955.5	3162.5
35°	2038.8	2168.0	2297.6	2545.4	2793.5	3055.7	3317.8
37.5°	2214.8	2302.9	2391.1	2646.6	2902.0	3208.6	3514.8
40°	2624.2	2628.9	2634.2	2875.7	3117.4	3461.4	3805.4
42.5°	3329.5	3212.6	3095.7	3290.8	3485.8	3849.1	4212.8
45°	4258.6	3998.7	3738.6	3874.5	4010.8	4364.8	4718.7
47.5°	5316.5	4884.1	4451.6	4529.1	4606.9	4905.1	5203.0
50°	6350.1	5774.0	5198.0	5213.0	5228.0	5496.2	5764.0
52.5°	7286.8	6602.6	5918.3	5906.9	5894.9	6189.5	6483.7
55°	8174.5	7387.7	6601.6	6603.6	6605.6	6974.6	7343.6
57.5°	9008.4	8186.5	7364.3	7446.8	7529.0	7874.6	8220.2
60°	9923.4	9078.8	8234.6	8365.8	8497.4	8687.8	8878.1
62.5°	11089.9	10178.5	9267.2	9276.9	9286.5	8946.2	8606.0
65°	*11722.4*	*10621.0*	*9519.3*	*9146.3*	*8772.9*	*8230.3*	*7687.6*
67.5°	10876.8	9635.2	8393.9	8088.3	7782.8	7304.2	6826.0
70°	9606.1	8551.8	7497.2	7278.8	7060.4	6530.8	6001.1
72.5°	8131.1	7363.6	6596.2	6503.7	6411.2	5781.0	5151.2
75°	6240.9	6001.5	5762.3	5700.6	5638.8	4928.5	4217.8
77.5°	4631.9	4472.3	4313.0	4174.4	4035.8	3420.3	2805.2
80°	2883.7	2764.5	2644.9	2626.9	2608.8	2127.6	1646.4
82.5°	1579.6	1506.5	1433.3	1392.6	1351.8	1087.3	823.2
85°	611.1	534.3	457.5	391.1	324.6	255.8	187.0
87.5°	17.4	17.0	16.7	16.4	16.0	15.4	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-2

Test Date: 10/09/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

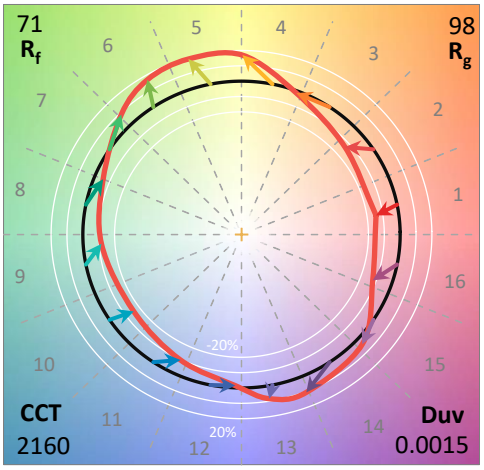
Test Information

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

Spectral Parameters

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

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



Test Conditions

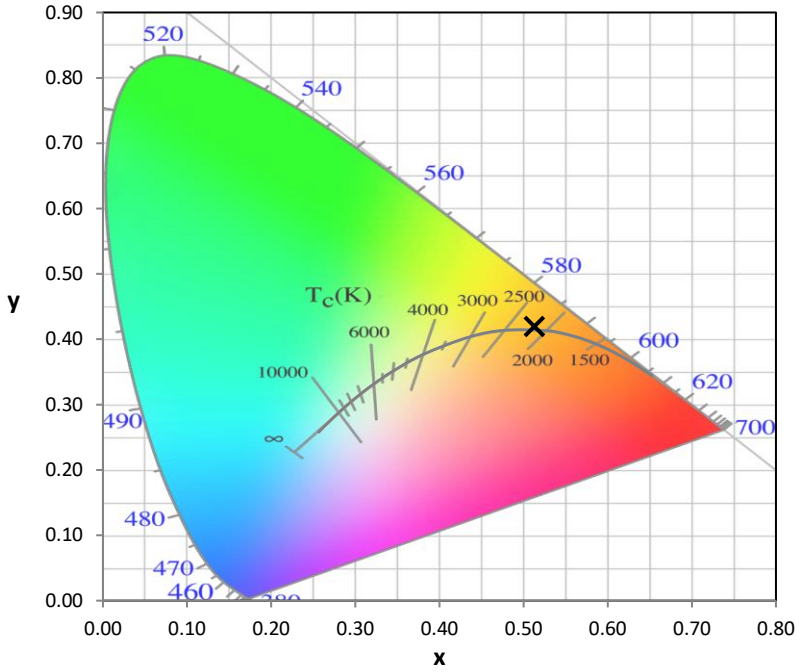
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

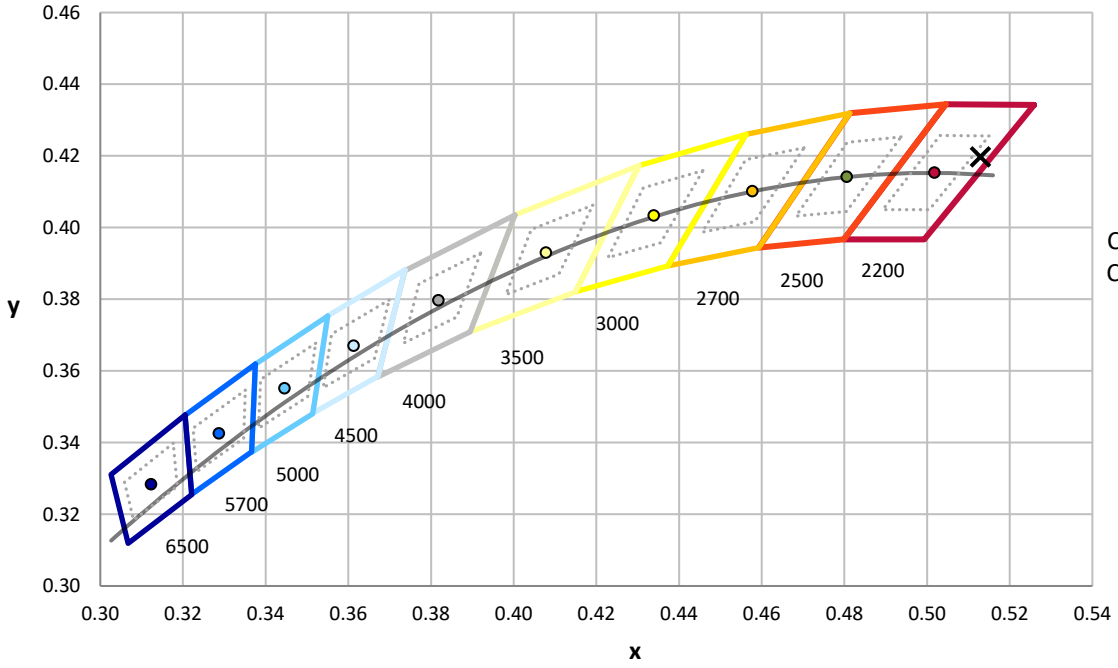
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

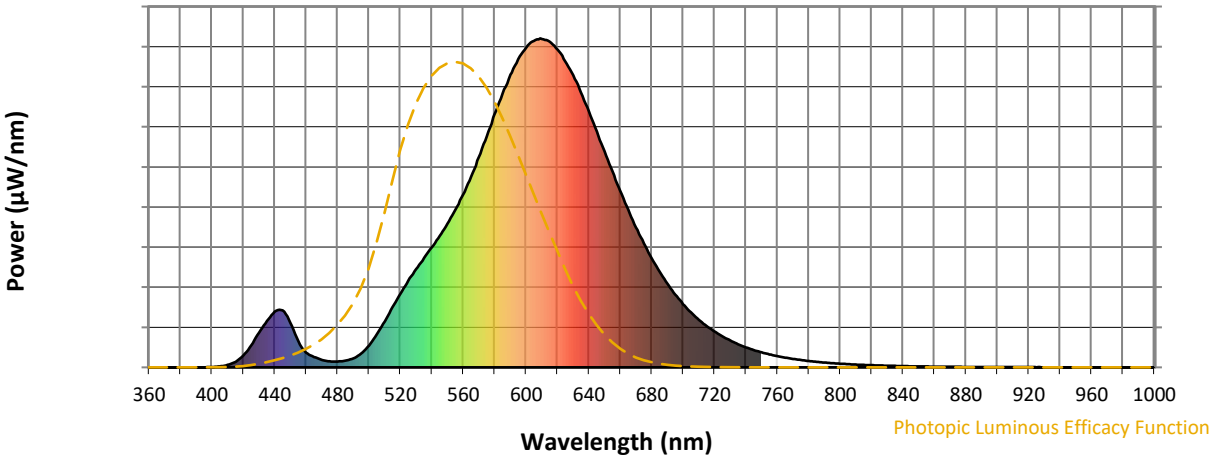


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

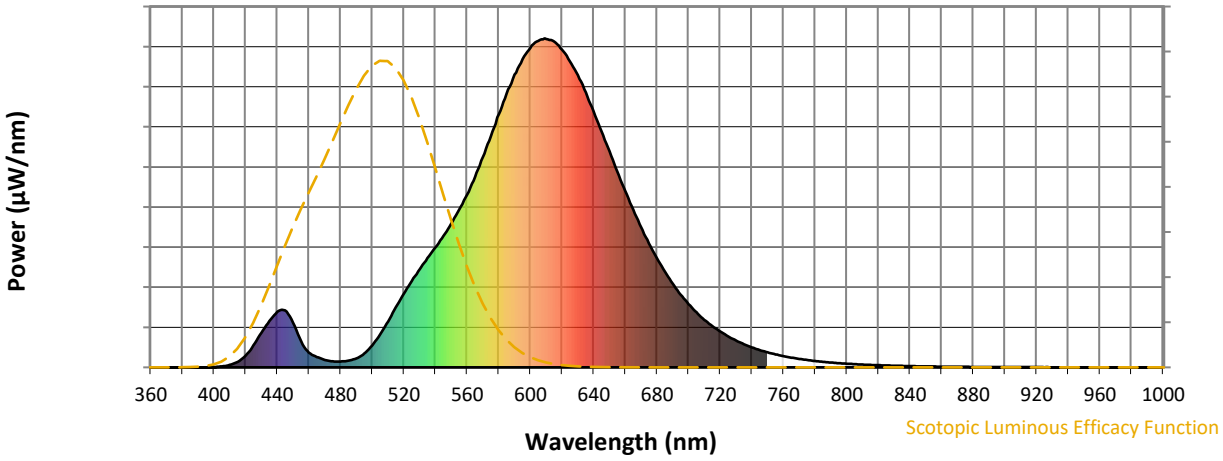


Photopic Lumens: NR

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

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Scotopic Flux vs. Wavelength

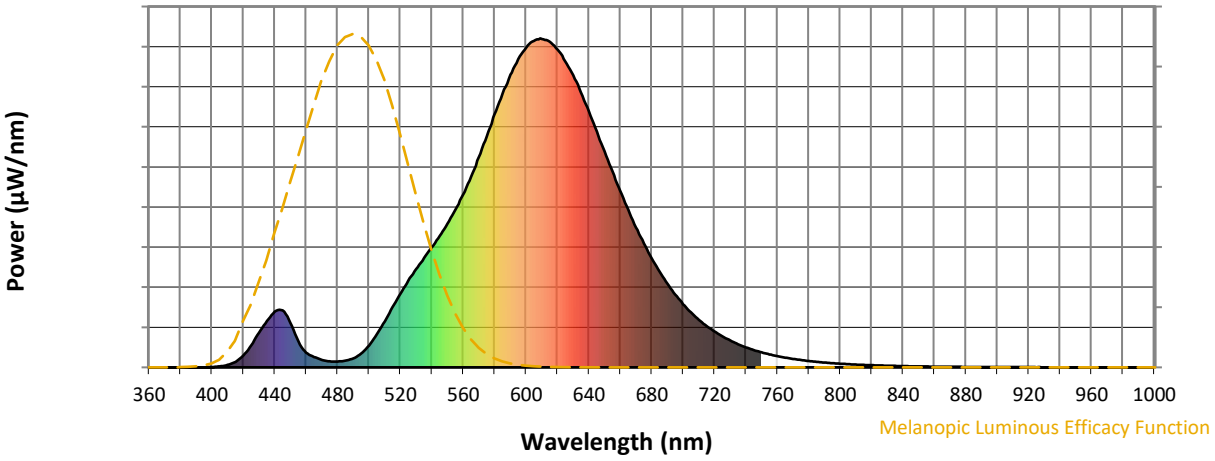


Scotopic Lumens: NR **S/P: 0.8**

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

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Melanopic Flux vs. Wavelength



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

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

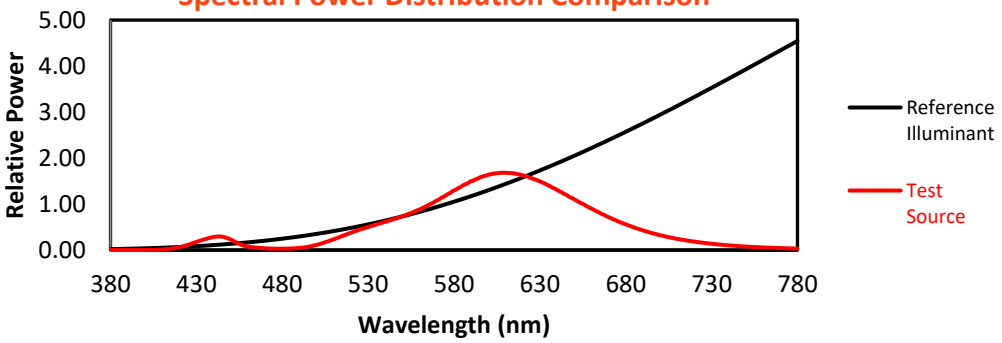
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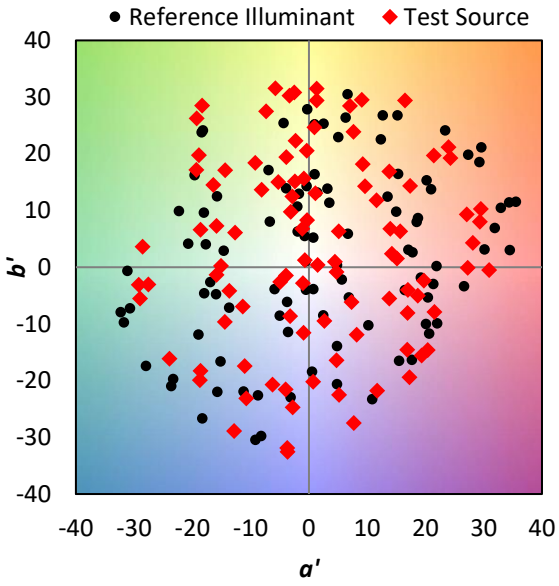
Summary

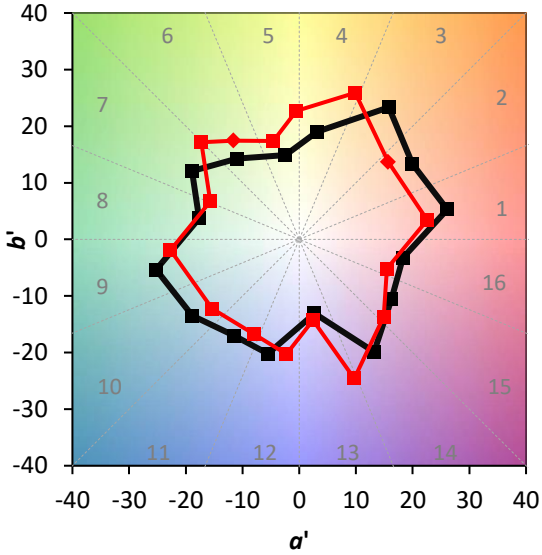
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

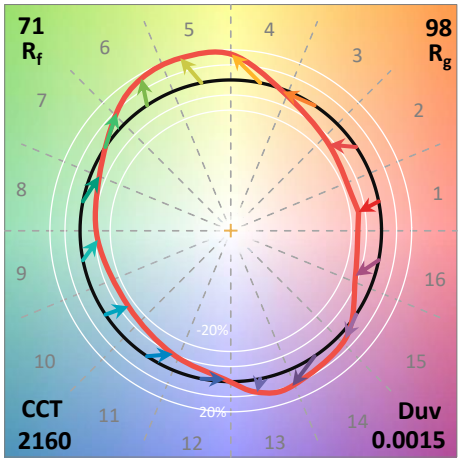
Spectral Power Distribution Comparison

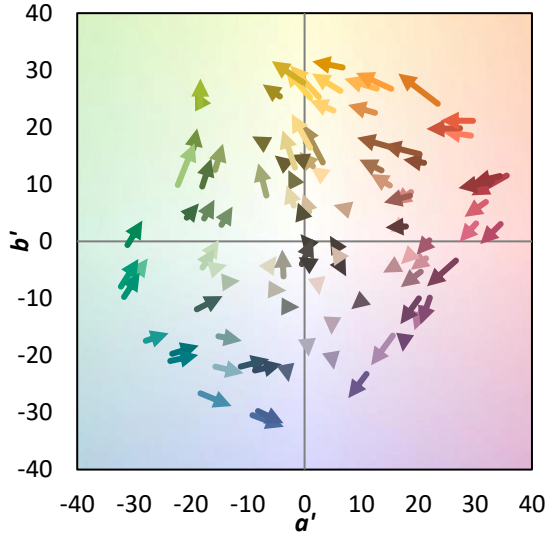


Color Vector Graphics







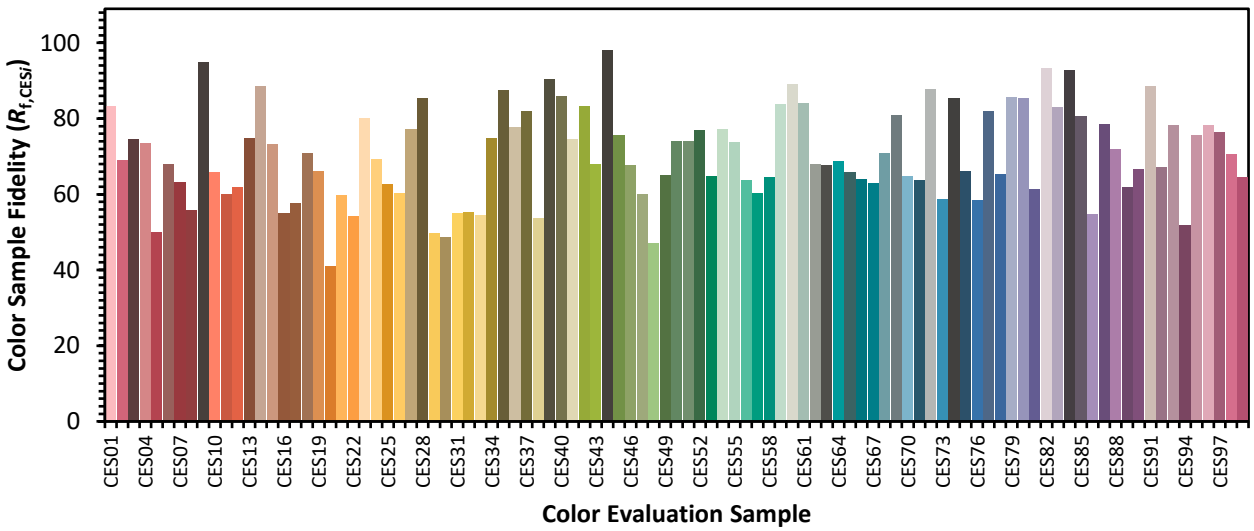


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Individual Sample Fidelity Index ($R_{f,i}$)

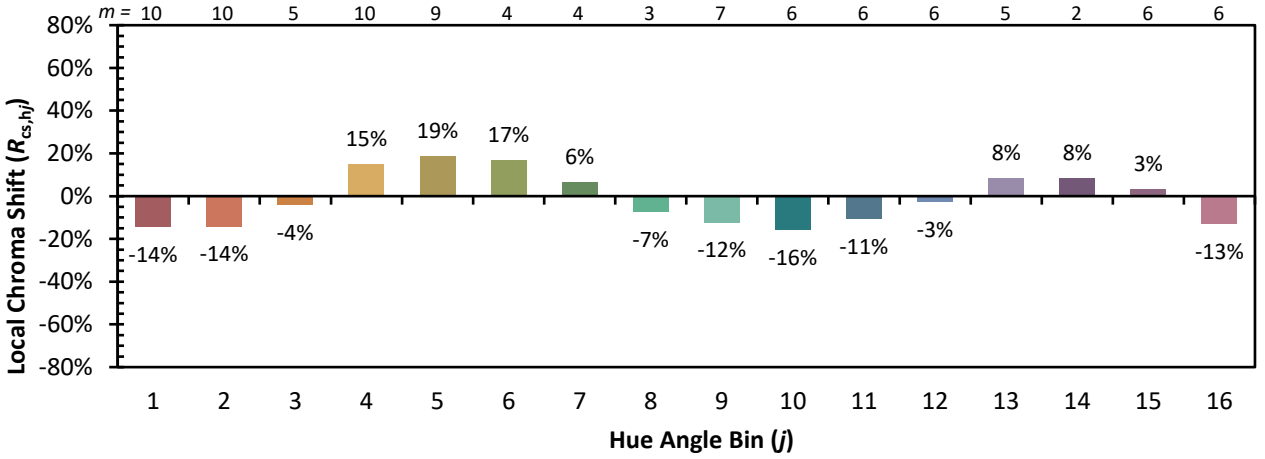
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

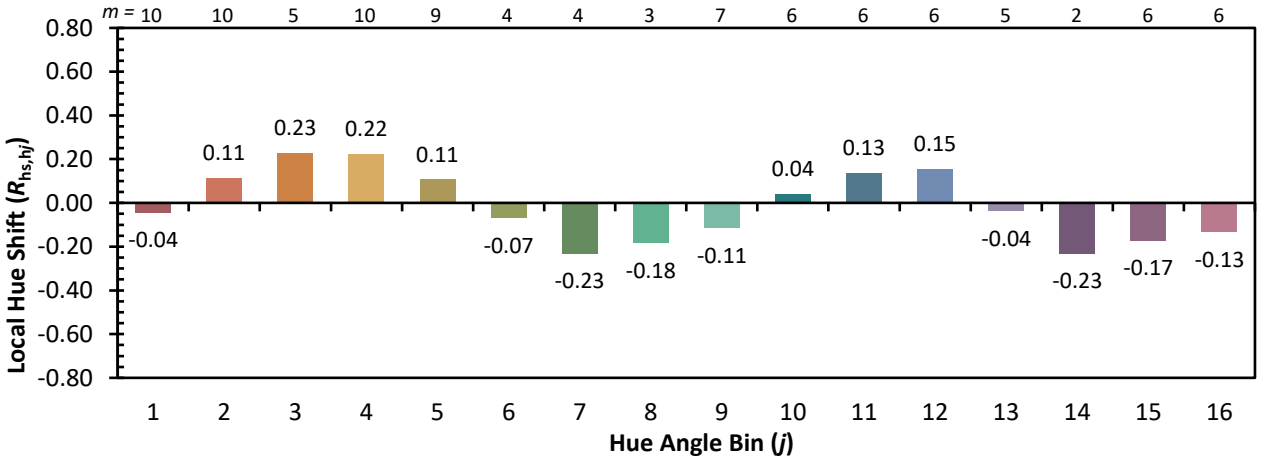


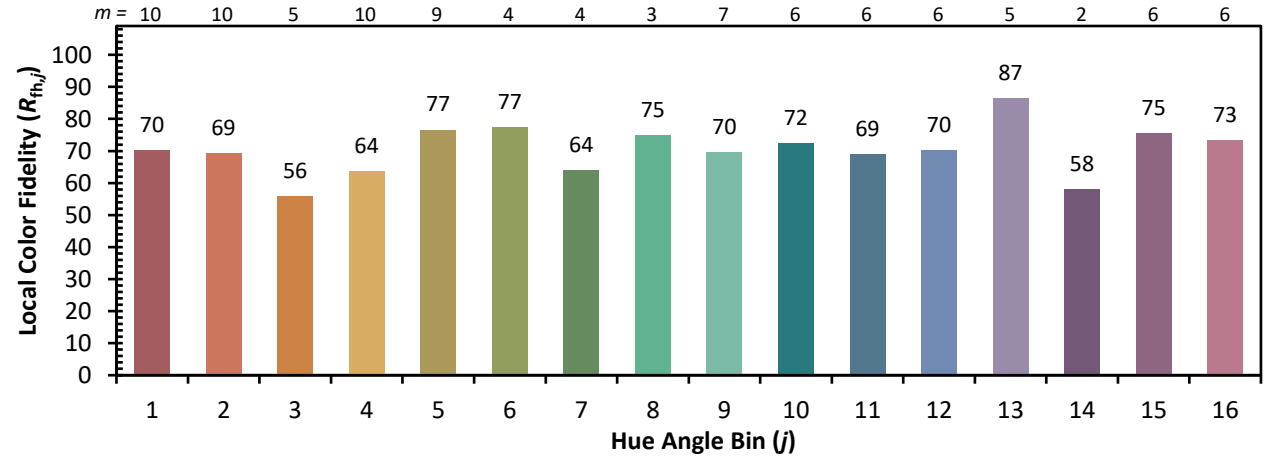
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Color Rendition by Hue-Angle Bin



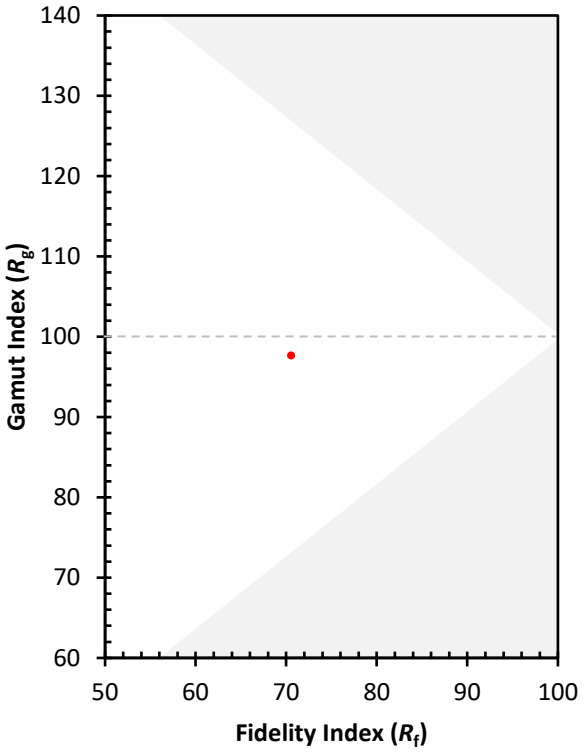


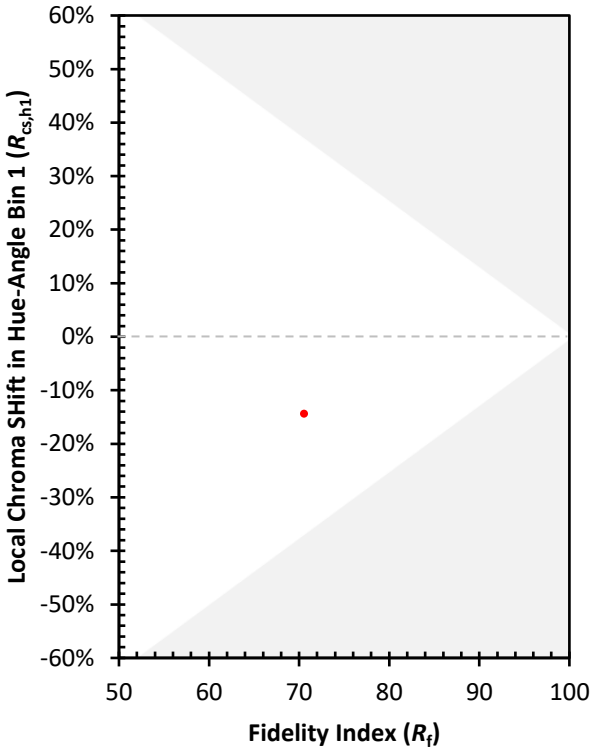


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Measure Comparisons





(END OF REPORT)