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: P1365011

Luminaire Tested: **GSS-SB2A-750-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1365011
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-750-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 5000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(52) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8348.9 lumens
Efficiency:	N/A
Efficacy:	143.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

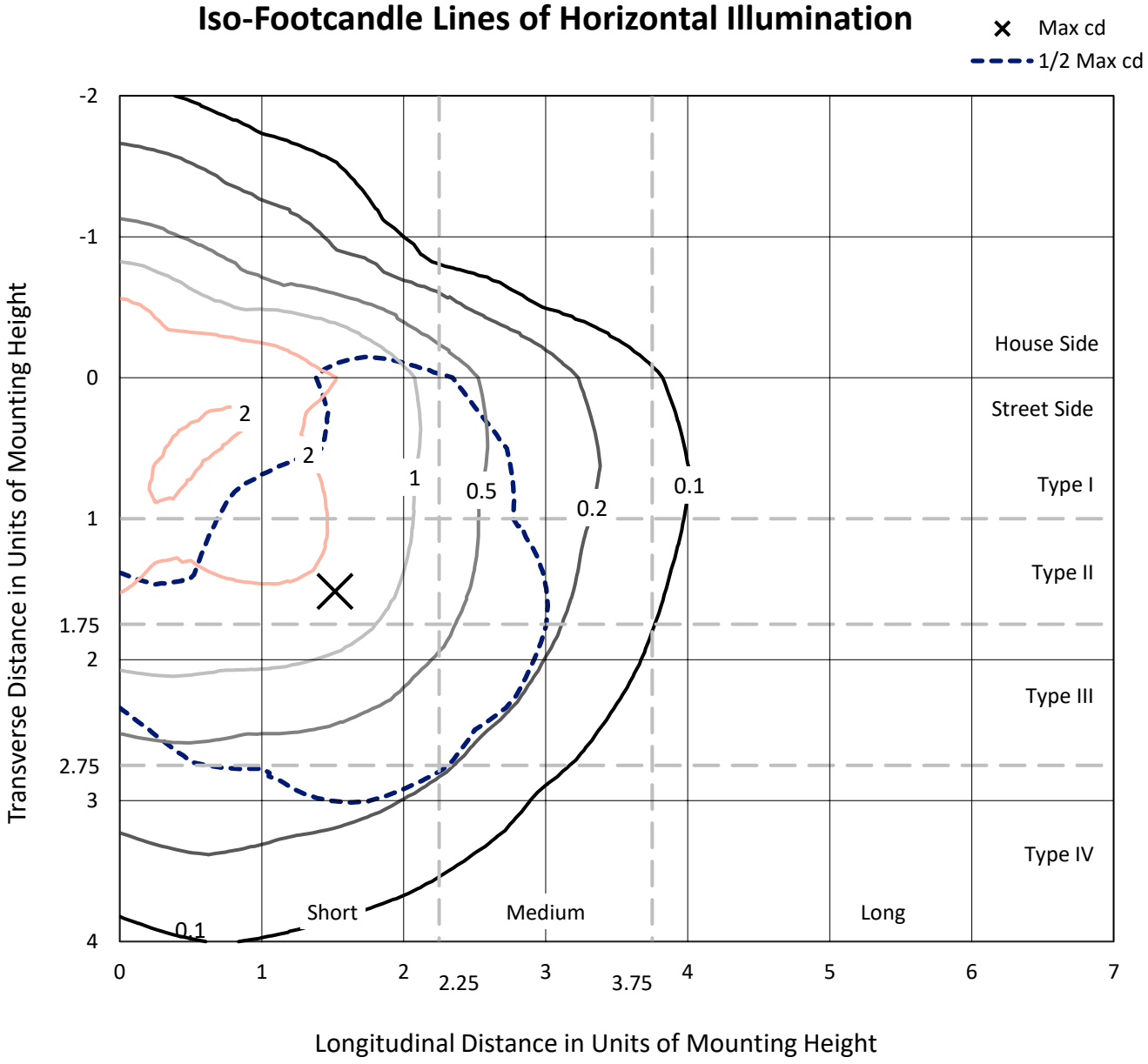
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



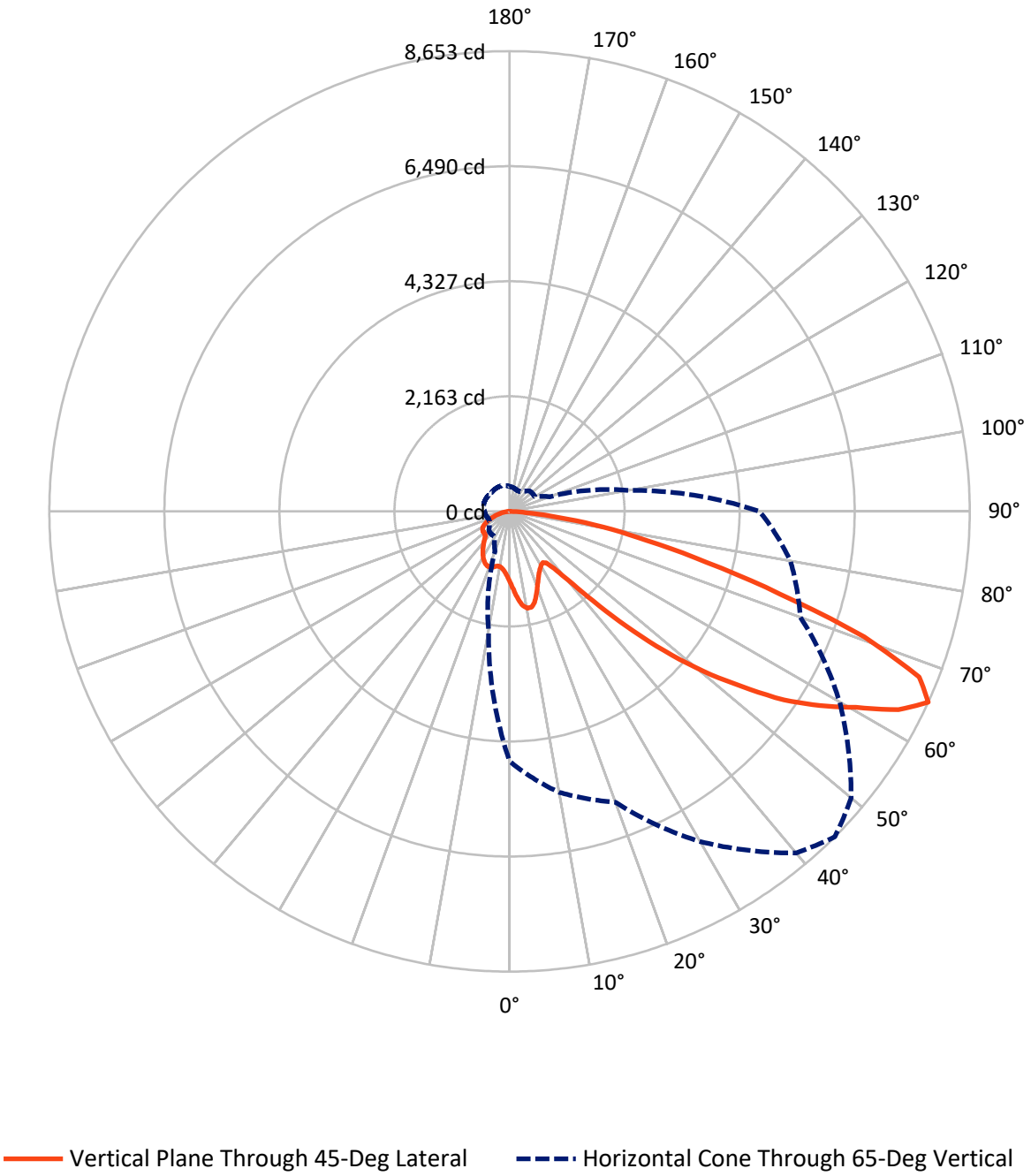
Based on 20 foot mounting height. Maximum calculated value = 4.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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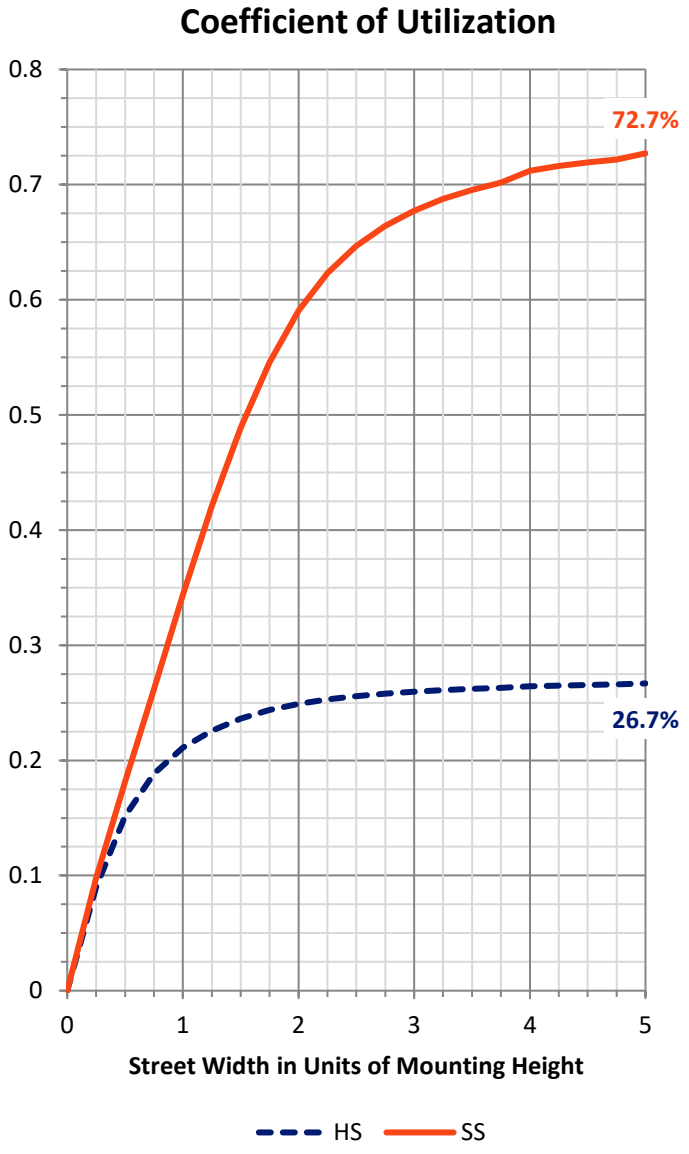
REPORT NUMBER: P1365011
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2246.0	0.0	2246.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	6102.9	0.0	6102.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	8348.9	0.0	8348.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.5	1.6
10°-20°	402.8	4.8
20°-30°	623.4	7.5
30°-40°	773.5	9.3
40°-50°	1131.1	13.5
50°-60°	1771.7	21.2
60°-70°	2102.2	25.2
70°-80°	1226.1	14.7
80°-90°	186.5	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°	8348.9	100.0
0°-180°	8348.9	100.0



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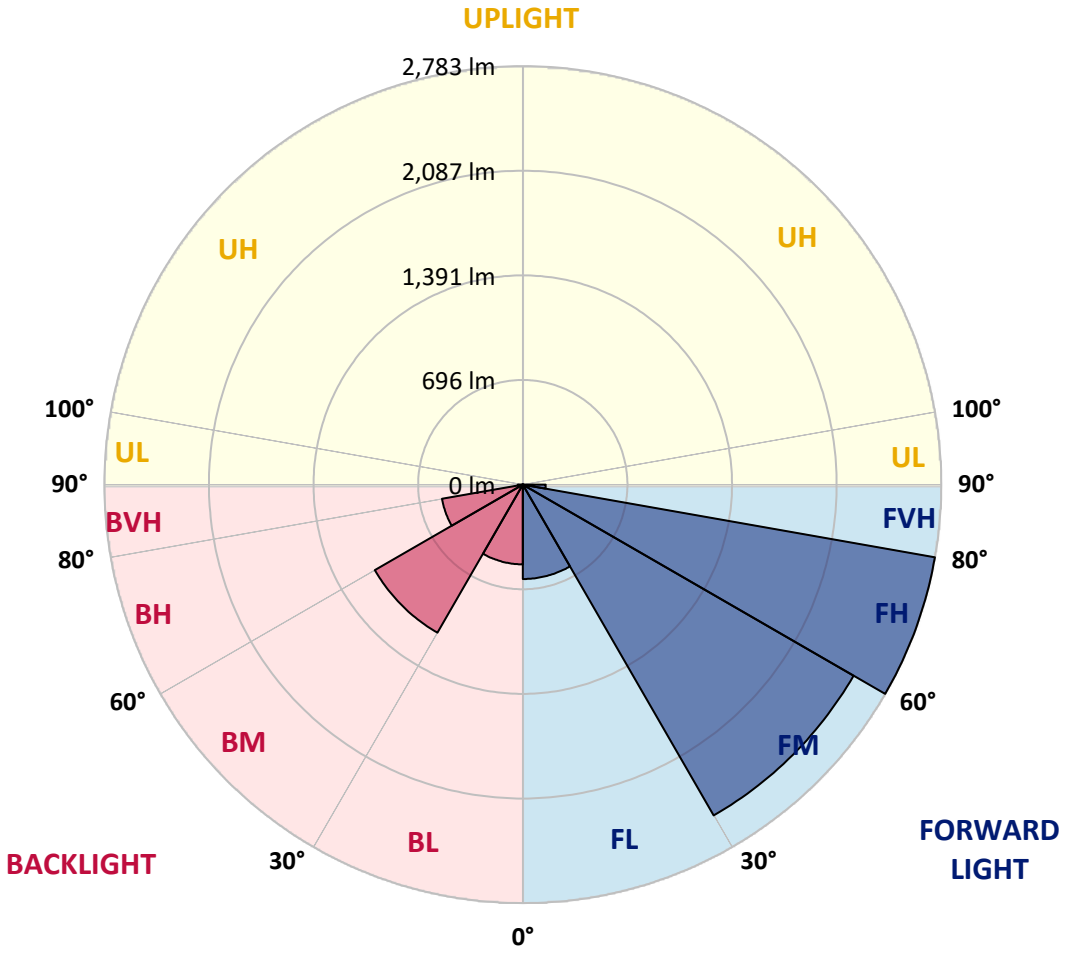
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	627.5	7.5			
FM	(30°-60°)	2539.9	30.4			
FH	(60°-80°)	2782.9	33.3			G2/5000
FVH	(80°-90°)	152.6	1.8			G2/225
BL	(0°-30°)	530.2	6.4	B2/1000		
BM	(30°-60°)	1136.4	13.6	B2/2500		
BH	(60°-80°)	545.5	6.5	B2/1000		G2/1000
BVH	(80°-90°)	34.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	*1331.2*	1331.2
2.5°	1438.4	1443.5	1448.6	1454.2	1459.9	1463.1	1466.4	1469.9	1473.1	*1476.2*	1473.1
5°	1536.4	1559.5	1582.4	1597.9	1613.4	1625.3	1637.1	1643.8	1650.8	*1651.8*	1650.8
7.5°	1635.5	1662.8	1690.2	1713.9	1737.6	1752.7	1767.8	1776.6	1785.5	*1788.6*	1785.5
10°	1697.7	1729.8	1762.1	1784.9	1808.0	1822.1	1836.0	1842.9	1849.9	*1851.9*	1849.9
12.5°	1729.4	1760.2	1791.1	1808.8	1826.4	1835.4	1844.1	1847.4	1850.3	*1847.8*	1850.3
15°	1744.7	1762.9	1780.8	1788.4	1795.8	1791.5	1787.0	1780.6	1774.3	*1770.2*	1774.3
17.5°	1748.8	1755.1	1761.7	1748.0	1734.5	1710.0	1685.5	1667.1	1648.7	*1635.5*	1648.7
20°	1762.1	1751.9	1741.6	1705.3	1669.2	1623.2	1577.3	1546.4	1515.4	*1496.6*	1515.4
22.5°	1776.4	1747.6	1718.8	1657.7	1596.7	1533.8	1471.1	1435.6	1400.3	*1380.2*	1400.3
25°	1798.8	1749.4	1699.8	1617.3	1535.0	1461.1	1387.4	1348.8	1310.4	*1288.4*	1310.4
27.5°	1831.5	1755.9	1680.4	1578.3	1476.2	1396.2	1315.9	1279.2	1242.4	*1223.0*	1242.4
30°	1877.4	1777.2	1676.7	1554.6	1432.3	1348.6	1264.9	1229.0	1192.8	*1172.0*	1192.8
32.5°	1933.6	1807.0	1680.4	1543.6	1406.8	1321.4	1236.3	1201.8	1167.5	*1149.5*	1167.5
35°	2028.5	1868.2	1708.0	1556.3	1404.7	1325.5	1246.5	1221.2	1196.1	*1186.3*	1196.1
37.5°	2149.0	1961.7	1774.3	1618.1	1461.9	1408.0	1354.1	1354.1	1354.1	*1361.9*	1354.1
40°	2326.6	2116.3	1906.0	1758.2	1610.6	1607.3	1604.4	1638.7	1673.2	*1688.6*	1673.2
42.5°	2575.7	2353.4	2131.2	2012.0	1892.7	1964.2	2035.7	2134.9	2234.1	*2299.1*	2234.1
45°	2885.0	2668.6	2452.2	2368.9	2285.8	2444.8	2603.7	2779.1	2954.5	*3079.0*	2954.5
47.5°	3181.1	2999.0	2816.6	2769.1	2721.7	2986.1	3250.5	3507.6	3764.6	*3916.1*	3764.6
50°	3524.1	3360.4	3196.4	3187.2	3178.0	3530.3	3882.5	4214.2	4546.0	*4730.8*	4546.0
52.5°	3964.1	3784.2	3604.2	3611.5	3618.5	4036.8	4455.2	4856.4	5257.6	*5465.9*	5257.6
55°	4489.9	4264.3	4038.7	4037.4	4036.2	4516.8	4997.9	5490.8	5984.1	*6262.2*	5984.1
57.5°	5025.9	4814.5	4603.2	4553.0	4502.5	5005.2	5507.7	6052.1	6596.6	*6889.0*	6596.6
60°	5428.1	5311.7	5195.3	5114.9	5034.6	5550.8	6067.2	6629.5	7191.6	*7483.2*	7191.6
62.5°	5261.7	5469.7	5677.8	5671.9	5666.0	6223.2	6780.4	7365.1	7950.3	*8212.1*	7950.3
65°	*4700.2*	*5032.0*	*5363.8*	*5592.0*	*5820.1*	*6493.7*	*7167.1*	*7776.4*	*8385.6*	*8653.1*	*8385.6*
67.5°	4173.4	4465.8	4758.4	4945.2	5132.0	5891.0	6650.1	7341.5	8032.8	*8308.0*	8032.8
70°	3669.1	3992.9	4316.7	4450.3	4583.8	5228.6	5873.2	6420.2	6967.0	*7074.8*	6967.0
72.5°	3149.5	3534.5	3919.8	3976.4	4032.9	4502.1	4971.3	5262.7	5554.1	*5318.9*	5554.1
75°	2578.8	3013.3	3447.6	3485.3	3523.1	3669.3	3815.7	3889.8	3964.1	*3830.4*	3964.1
77.5°	1715.1	2091.2	2467.5	2552.2	2637.0	2734.4	2832.0	2826.9	2821.7	*2633.9*	2821.7
80°	1006.6	1300.8	1595.0	1606.1	1617.1	1690.2	1763.1	1837.6	1912.1	*1792.7*	1912.1
82.5°	503.3	664.8	826.5	851.4	876.3	921.1	965.8	986.6	1007.6	*906.6*	1007.6
85°	114.3	156.4	198.5	239.1	279.7	326.7	373.6	368.3	363.0	*306.3*	363.0
87.5°	9.2	9.4	9.8	10.0	10.2	10.4	10.6	11.2	11.8	*12.3*	11.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1469.9	1466.4	1463.1	1459.9	1454.2	1448.6	1443.5	1438.4	1425.4	1412.5	1400.7
5°	1643.8	1637.1	1625.3	1613.4	1597.9	1582.4	1559.5	1536.4	1513.4	1490.5	1466.4
7.5°	1776.6	1767.8	1752.7	1737.6	1713.9	1690.2	1662.8	1635.5	1596.7	1557.9	1521.3
10°	1842.9	1836.0	1822.1	1808.0	1784.9	1762.1	1729.8	1697.7	1651.4	1604.8	1559.5
12.5°	1847.4	1844.1	1835.4	1826.4	1808.8	1791.1	1760.2	1729.4	1683.2	1637.1	1586.3
15°	1780.6	1787.0	1791.5	1795.8	1788.4	1780.8	1762.9	1744.7	1698.0	1651.4	1599.7
17.5°	1667.1	1685.5	1710.0	1734.5	1748.0	1761.7	1755.1	1748.8	1705.1	1661.6	1606.5
20°	1546.4	1577.3	1623.2	1669.2	1705.3	1741.6	1751.9	1762.1	1718.0	1673.9	1614.6
22.5°	1435.6	1471.1	1533.8	1596.7	1657.7	1718.8	1747.6	1776.4	1735.9	1695.7	1630.6
25°	1348.8	1387.4	1461.1	1535.0	1617.3	1699.8	1749.4	1798.8	1763.9	1729.0	1657.9
27.5°	1279.2	1315.9	1396.2	1476.2	1578.3	1680.4	1755.9	1831.5	1804.7	1778.0	1698.0
30°	1229.0	1264.9	1348.6	1432.3	1554.6	1676.7	1777.2	1877.4	1856.4	1835.6	1745.3
32.5°	1201.8	1236.3	1321.4	1406.8	1543.6	1680.4	1807.0	1933.6	1920.5	1907.4	1801.1
35°	1221.2	1246.5	1325.5	1404.7	1556.3	1708.0	1868.2	2028.5	2012.2	1995.8	1860.3
37.5°	1354.1	1354.1	1408.0	1461.9	1618.1	1774.3	1961.7	2149.0	2129.6	2110.2	1932.6
40°	1638.7	1604.4	1607.3	1610.6	1758.2	1906.0	2116.3	2326.6	2288.4	2250.0	2015.2
42.5°	2134.9	2035.7	1964.2	1892.7	2012.0	2131.2	2353.4	2575.7	2494.9	2413.8	2106.7
45°	2779.1	2603.7	2444.8	2285.8	2368.9	2452.2	2668.6	2885.0	2755.4	2625.7	2230.9
47.5°	3507.6	3250.5	2986.1	2721.7	2769.1	2816.6	2999.0	3181.1	3016.9	2852.8	2358.5
50°	4214.2	3882.5	3530.3	3178.0	3187.2	3196.4	3360.4	3524.1	3301.6	3079.0	2469.7
52.5°	4856.4	4455.2	4036.8	3618.5	3611.5	3604.2	3784.2	3964.1	3610.7	3257.1	2522.4
55°	5490.8	4997.9	4516.8	4036.2	4037.4	4038.7	4264.3	4489.9	3921.3	3352.6	2508.5
57.5°	6052.1	5507.7	5005.2	4502.5	4553.0	4603.2	4814.5	5025.9	4182.0	3338.3	2432.8
60°	6629.5	6067.2	5550.8	5034.6	5114.9	5195.3	5311.7	5428.1	4298.8	3169.3	2251.3
62.5°	7365.1	6780.4	6223.2	5666.0	5671.9	5677.8	5469.7	5261.7	4039.7	2817.7	1953.8
65°	*7776.4*	*7167.1*	*6493.7*	*5820.1*	*5592.0*	*5363.8*	*5032.0*	*4700.2*	*3484.3*	*2268.4*	*1532.6*
67.5°	7341.5	6650.1	5891.0	5132.0	4945.2	4758.4	4465.8	4173.4	2992.4	1811.5	1192.6
70°	6420.2	5873.2	5228.6	4583.8	4450.3	4316.7	3992.9	3669.1	2542.2	1415.4	913.9
72.5°	5262.7	4971.3	4502.1	4032.9	3976.4	3919.8	3534.5	3149.5	2111.0	1072.3	687.1
75°	3889.8	3815.7	3669.3	3523.1	3485.3	3447.6	3013.3	2578.8	1685.5	792.2	509.2
77.5°	2826.9	2832.0	2734.4	2637.0	2552.2	2467.5	2091.2	1715.1	1105.8	496.6	329.1
80°	1837.6	1763.1	1690.2	1617.1	1606.1	1595.0	1300.8	1006.6	634.0	261.3	181.9
82.5°	986.6	965.8	921.1	876.3	851.4	826.5	664.8	503.3	317.7	132.3	97.8
85°	368.3	373.6	326.7	279.7	239.1	198.5	156.4	114.3	75.5	36.8	31.0
87.5°	11.2	10.6	10.4	10.2	10.0	9.8	9.4	9.2	9.0	8.6	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1388.8	1377.0	1364.9	1353.5	1341.9	1330.2	1320.0	1309.0	1298.2	1289.6	1281.2
5°	1442.5	1419.0	1395.6	1373.3	1351.3	1328.2	1308.4	1288.8	1269.6	1253.7	1237.7
7.5°	1484.8	1452.1	1419.5	1390.3	1360.9	1330.2	1306.3	1282.4	1258.8	1238.1	1217.3
10°	1514.0	1473.8	1433.3	1399.6	1366.0	1333.3	1307.8	1282.7	1257.7	1236.5	1215.3
12.5°	1535.4	1490.3	1445.2	1408.0	1371.1	1335.3	1310.4	1289.6	1269.0	1254.1	1239.4
15°	1548.1	1499.5	1450.7	1408.8	1367.0	1327.2	1305.1	1291.6	1278.2	1276.9	1275.7
17.5°	1551.3	1495.8	1440.5	1391.7	1343.1	1296.5	1277.8	1275.9	1274.1	1294.3	1314.5
20°	1555.4	1490.3	1425.2	1361.1	1296.9	1235.3	1223.4	1235.1	1246.5	1286.1	1325.5
22.5°	1565.6	1486.0	1406.4	1325.9	1245.5	1172.0	1160.8	1177.9	1194.9	1246.5	1298.2
25°	1586.9	1485.6	1384.3	1284.1	1183.8	1099.5	1098.5	1117.1	1135.6	1183.4	1231.2
27.5°	1618.1	1489.5	1360.9	1241.2	1121.3	1035.2	1040.3	1058.1	1076.0	1111.5	1147.1
30°	1654.9	1497.9	1341.0	1203.8	1066.8	983.1	988.6	1002.5	1016.4	1042.1	1067.9
32.5°	1694.7	1507.2	1320.0	1171.2	1022.5	945.3	945.3	951.3	957.2	973.9	990.7
35°	1724.9	1505.0	1285.3	1134.0	982.5	922.9	910.2	905.3	900.4	911.5	922.5
37.5°	1754.9	1498.7	1242.4	1092.8	943.3	896.3	872.3	859.2	845.7	851.0	855.9
40°	1780.4	1484.4	1188.3	1043.6	898.8	861.6	831.4	811.8	792.2	791.8	791.2
42.5°	1799.2	1459.7	1119.9	985.0	849.8	823.9	786.5	761.6	736.7	734.0	731.4
45°	1836.0	1442.7	1049.5	925.3	801.4	777.9	740.8	715.0	689.7	685.6	681.5
47.5°	1864.2	1422.9	981.7	866.1	751.0	723.8	689.1	667.3	645.2	642.8	640.1
50°	1860.5	1389.2	917.8	813.4	708.9	671.7	637.4	619.5	601.3	604.4	607.4
52.5°	1787.6	1320.2	853.1	766.1	679.5	631.9	595.2	581.7	568.0	577.6	587.0
55°	1664.5	1228.7	792.6	726.5	659.9	612.5	569.3	554.1	539.0	552.5	566.0
57.5°	1527.3	1133.0	738.7	693.0	647.2	607.4	554.3	533.1	512.1	525.6	539.0
60°	1333.3	1011.9	690.5	658.5	626.4	595.2	542.1	515.6	489.0	498.0	506.8
62.5°	1089.9	858.4	626.8	608.9	591.1	577.8	527.2	492.5	457.8	459.0	459.8
65°	*796.7*	*674.6*	*552.3*	*548.4*	*544.7*	*541.1*	*499.2*	*461.9*	*424.7*	*420.6*	*416.5*
67.5°	573.7	515.8	457.8	468.6	479.4	484.9	456.3	423.5	390.4	382.0	373.6
70°	412.4	392.0	371.6	387.7	403.9	402.2	388.3	368.7	349.1	343.8	338.5
72.5°	301.8	301.4	301.2	313.4	325.7	309.3	318.1	313.6	309.3	305.5	301.8
75°	226.2	224.8	223.6	238.1	252.8	259.3	265.0	262.6	260.3	257.5	254.8
77.5°	161.7	162.9	163.8	179.7	195.6	214.4	215.4	210.1	204.6	201.7	198.5
80°	102.5	103.7	104.5	121.3	137.8	164.4	163.3	156.8	150.1	147.8	145.4
82.5°	63.3	63.5	63.7	71.9	80.0	94.9	99.0	99.0	99.0	97.6	96.0
85°	25.5	26.7	28.2	33.5	38.8	47.0	49.4	49.8	50.0	47.8	45.3
87.5°	8.2	8.6	9.2	10.2	11.2	12.3	14.3	15.5	16.7	18.0	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1365011
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1273.9	1266.3	1257.5	1248.6	1242.2	1235.7	1231.4	1227.1	1225.1	1223.0	1221.4
5°	1224.7	1211.2	1199.3	1187.3	1177.9	1168.3	1160.6	1152.6	1149.3	1145.9	1143.6
7.5°	1199.8	1182.2	1167.5	1152.6	1138.5	1124.6	1115.6	1106.6	1101.3	1096.0	1092.2
10°	1196.7	1178.1	1158.7	1139.3	1123.8	1108.3	1094.8	1081.7	1074.2	1066.8	1062.8
12.5°	1222.2	1205.1	1182.0	1158.7	1137.7	1116.9	1100.3	1083.8	1074.4	1065.4	1059.3
15°	1269.8	1263.9	1242.4	1221.0	1192.0	1162.8	1139.1	1115.2	1102.2	1088.7	1081.1
17.5°	1326.1	1337.8	1322.9	1307.8	1266.9	1226.1	1190.8	1155.7	1136.5	1117.3	1110.5
20°	1357.0	1388.4	1386.8	1385.4	1332.1	1278.6	1232.2	1185.9	1160.1	1134.8	1124.6
22.5°	1343.5	1388.8	1400.5	1411.9	1359.6	1307.2	1250.0	1192.8	1162.6	1132.2	1122.6
25°	1280.0	1328.8	1350.4	1372.1	1329.0	1285.9	1230.4	1175.0	1143.2	1111.1	1101.3
27.5°	1186.3	1225.5	1249.8	1274.1	1247.7	1221.4	1176.5	1131.6	1103.4	1075.0	1064.6
30°	1094.4	1120.9	1140.3	1159.7	1142.4	1125.0	1092.8	1060.7	1039.7	1018.9	1012.3
32.5°	1010.5	1030.1	1040.9	1051.5	1038.0	1024.6	1003.3	982.1	969.0	956.0	951.7
35°	938.4	954.5	962.7	970.9	959.6	948.4	929.4	910.6	901.2	891.9	888.4
37.5°	869.6	883.1	894.7	906.6	898.4	890.2	874.1	858.0	846.9	835.5	829.4
40°	804.3	817.1	831.8	846.3	844.9	843.3	827.9	812.6	796.7	781.0	772.6
42.5°	744.2	757.1	772.6	788.1	791.2	794.3	781.6	768.7	750.4	732.0	719.1
45°	692.6	704.0	721.0	738.1	745.3	752.4	741.0	729.3	708.7	688.1	672.8
47.5°	651.7	663.6	682.4	701.4	708.9	716.7	708.9	701.4	683.6	665.6	652.1
50°	620.3	633.0	647.7	662.6	676.6	690.5	689.1	687.7	673.6	659.5	646.8
52.5°	598.7	610.5	625.8	641.1	655.8	670.7	673.0	675.4	665.2	655.0	644.0
55°	580.1	594.2	608.5	622.7	636.6	650.3	653.4	656.4	649.1	641.5	633.4
57.5°	554.3	569.7	584.0	598.2	614.4	630.5	633.0	635.4	627.6	619.7	613.6
60°	522.5	538.0	552.9	567.6	584.0	600.3	603.6	606.8	600.7	594.6	588.9
62.5°	477.6	495.1	507.4	519.6	535.2	550.9	555.6	560.5	557.6	555.0	548.4
65°	*433.3*	*450.2*	*459.8*	*469.6*	*483.1*	*496.6*	*501.3*	*506.0*	*504.5*	*503.3*	*498.6*
67.5°	389.2	404.7	412.6	420.6	429.8	439.0	444.3	449.6	446.9	444.1	439.2
70°	351.2	363.8	370.8	377.7	385.1	392.4	395.3	398.1	394.1	390.0	379.0
72.5°	311.4	321.0	326.9	332.8	339.8	346.7	348.3	350.2	343.8	337.3	324.4
75°	262.2	269.5	274.0	278.7	285.9	293.0	296.1	299.1	290.1	281.4	267.7
77.5°	205.2	211.9	216.2	220.5	226.4	232.4	233.2	234.4	226.6	218.9	210.7
80°	150.3	155.2	156.8	158.2	163.1	167.8	167.8	167.8	162.1	156.2	152.1
82.5°	94.9	93.9	91.9	89.8	94.7	99.6	101.3	103.1	100.5	98.0	93.5
85°	42.5	39.2	38.6	37.8	37.6	37.2	38.6	39.8	39.2	38.8	37.2
87.5°	20.0	20.8	20.2	19.4	18.6	18.0	16.3	14.7	13.5	12.3	11.4
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1220.0	1218.9	1220.0	1221.4	1223.0	1225.1	1227.1	1231.4	1235.7	1242.2	1248.6
5°	1141.4	1139.3	1141.4	1143.6	1145.9	1149.3	1152.6	1160.6	1168.3	1177.9	1187.3
7.5°	1088.3	1086.2	1088.3	1092.2	1096.0	1101.3	1106.6	1115.6	1124.6	1138.5	1152.6
10°	1058.7	1055.6	1058.7	1062.8	1066.8	1074.2	1081.7	1094.8	1108.3	1123.8	1139.3
12.5°	1053.2	1049.5	1053.2	1059.3	1065.4	1074.4	1083.8	1100.3	1116.9	1137.7	1158.7
15°	1073.6	1067.9	1073.6	1081.1	1088.7	1102.2	1115.2	1139.1	1162.8	1192.0	1221.0
17.5°	1103.6	1100.5	1103.6	1110.5	1117.3	1136.5	1155.7	1190.8	1226.1	1266.9	1307.8
20°	1114.4	1110.7	1114.4	1124.6	1134.8	1160.1	1185.9	1232.2	1278.6	1332.1	1385.4
22.5°	1112.8	1108.7	1112.8	1122.6	1132.2	1162.6	1192.8	1250.0	1307.2	1359.6	1411.9
25°	1091.3	1088.3	1091.3	1101.3	1111.1	1143.2	1175.0	1230.4	1285.9	1329.0	1372.1
27.5°	1054.0	1047.4	1054.0	1064.6	1075.0	1103.4	1131.6	1176.5	1221.4	1247.7	1274.1
30°	1005.6	1002.5	1005.6	1012.3	1018.9	1039.7	1060.7	1092.8	1125.0	1142.4	1159.7
32.5°	947.4	945.3	947.4	951.7	956.0	969.0	982.1	1003.3	1024.6	1038.0	1051.5
35°	885.1	882.1	885.1	888.4	891.9	901.2	910.6	929.4	948.4	959.6	970.9
37.5°	823.2	818.8	823.2	829.4	835.5	846.9	858.0	874.1	890.2	898.4	906.6
40°	764.0	759.5	764.0	772.6	781.0	796.7	812.6	827.9	843.3	844.9	846.3
42.5°	706.5	698.3	706.5	719.1	732.0	750.4	768.7	781.6	794.3	791.2	788.1
45°	657.5	647.2	657.5	672.8	688.1	708.7	729.3	741.0	752.4	745.3	738.1
47.5°	638.7	628.9	638.7	652.1	665.6	683.6	701.4	708.9	716.7	708.9	701.4
50°	634.0	624.8	634.0	646.8	659.5	673.6	687.7	689.1	690.5	676.6	662.6
52.5°	633.0	624.8	633.0	644.0	655.0	665.2	675.4	673.0	670.7	655.8	641.1
55°	625.2	618.7	625.2	633.4	641.5	649.1	656.4	653.4	650.3	636.6	622.7
57.5°	607.4	604.4	607.4	613.6	619.7	627.6	635.4	633.0	630.5	614.4	598.2
60°	582.9	577.8	582.9	588.9	594.6	600.7	606.8	603.6	600.3	584.0	567.6
62.5°	542.1	534.9	542.1	548.4	555.0	557.6	560.5	555.6	550.9	535.2	519.6
65°	*494.1*	*485.9*	*494.1*	*498.6*	*503.3*	*504.5*	*506.0*	*501.3*	*496.6*	*483.1*	*469.6*
67.5°	434.5	432.9	434.5	439.2	444.1	446.9	449.6	444.3	439.0	429.8	420.6
70°	367.9	355.3	367.9	379.0	390.0	394.1	398.1	395.3	392.4	385.1	377.7
72.5°	311.4	298.1	311.4	324.4	337.3	343.8	350.2	348.3	346.7	339.8	332.8
75°	254.2	245.0	254.2	267.7	281.4	290.1	299.1	296.1	293.0	285.9	278.7
77.5°	202.5	198.1	202.5	210.7	218.9	226.6	234.4	233.2	232.4	226.4	220.5
80°	148.0	145.0	148.0	152.1	156.2	162.1	167.8	167.8	167.8	163.1	158.2
82.5°	88.8	85.8	88.8	93.5	98.0	100.5	103.1	101.3	99.6	94.7	89.8
85°	35.7	34.7	35.7	37.2	38.8	39.2	39.8	38.6	37.2	37.6	37.8
87.5°	10.6	10.2	10.6	11.4	12.3	13.5	14.7	16.3	18.0	18.6	19.4
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1257.5	1266.3	1273.9	1281.2	1289.6	1298.2	1309.0	1320.0	1330.2	1341.9	1353.5
5°	1199.3	1211.2	1224.7	1237.7	1253.7	1269.6	1288.8	1308.4	1328.2	1351.3	1373.3
7.5°	1167.5	1182.2	1199.8	1217.3	1238.1	1258.8	1282.4	1306.3	1330.2	1360.9	1390.3
10°	1158.7	1178.1	1196.7	1215.3	1236.5	1257.7	1282.7	1307.8	1333.3	1366.0	1399.6
12.5°	1182.0	1205.1	1222.2	1239.4	1254.1	1269.0	1289.6	1310.4	1335.3	1371.1	1408.0
15°	1242.4	1263.9	1269.8	1275.7	1276.9	1278.2	1291.6	1305.1	1327.2	1367.0	1408.8
17.5°	1322.9	1337.8	1326.1	1314.5	1294.3	1274.1	1275.9	1277.8	1296.5	1343.1	1391.7
20°	1386.8	1388.4	1357.0	1325.5	1286.1	1246.5	1235.1	1223.4	1235.3	1296.9	1361.1
22.5°	1400.5	1388.8	1343.5	1298.2	1246.5	1194.9	1177.9	1160.8	1172.0	1245.5	1325.9
25°	1350.4	1328.8	1280.0	1231.2	1183.4	1135.6	1117.1	1098.5	1099.5	1183.8	1284.1
27.5°	1249.8	1225.5	1186.3	1147.1	1111.5	1076.0	1058.1	1040.3	1035.2	1121.3	1241.2
30°	1140.3	1120.9	1094.4	1067.9	1042.1	1016.4	1002.5	988.6	983.1	1066.8	1203.8
32.5°	1040.9	1030.1	1010.5	990.7	973.9	957.2	951.3	945.3	945.3	1022.5	1171.2
35°	962.7	954.5	938.4	922.5	911.5	900.4	905.3	910.2	922.9	982.5	1134.0
37.5°	894.7	883.1	869.6	855.9	851.0	845.7	859.2	872.3	896.3	943.3	1092.8
40°	831.8	817.1	804.3	791.2	791.8	792.2	811.8	831.4	861.6	898.8	1043.6
42.5°	772.6	757.1	744.2	731.4	734.0	736.7	761.6	786.5	823.9	849.8	985.0
45°	721.0	704.0	692.6	681.5	685.6	689.7	715.0	740.8	777.9	801.4	925.3
47.5°	682.4	663.6	651.7	640.1	642.8	645.2	667.3	689.1	723.8	751.0	866.1
50°	647.7	633.0	620.3	607.4	604.4	601.3	619.5	637.4	671.7	708.9	813.4
52.5°	625.8	610.5	598.7	587.0	577.6	568.0	581.7	595.2	631.9	679.5	766.1
55°	608.5	594.2	580.1	566.0	552.5	539.0	554.1	569.3	612.5	659.9	726.5
57.5°	584.0	569.7	554.3	539.0	525.6	512.1	533.1	554.3	607.4	647.2	693.0
60°	552.9	538.0	522.5	506.8	498.0	489.0	515.6	542.1	595.2	626.4	658.5
62.5°	507.4	495.1	477.6	459.8	459.0	457.8	492.5	527.2	577.8	591.1	608.9
65°	*459.8*	*450.2*	*433.3*	*416.5*	*420.6*	*424.7*	*461.9*	*499.2*	*541.1*	*544.7*	*548.4*
67.5°	412.6	404.7	389.2	373.6	382.0	390.4	423.5	456.3	484.9	479.4	468.6
70°	370.8	363.8	351.2	338.5	343.8	349.1	368.7	388.3	402.2	403.9	387.7
72.5°	326.9	321.0	311.4	301.8	305.5	309.3	313.6	318.1	309.3	325.7	313.4
75°	274.0	269.5	262.2	254.8	257.5	260.3	262.6	265.0	259.3	252.8	238.1
77.5°	216.2	211.9	205.2	198.5	201.7	204.6	210.1	215.4	214.4	195.6	179.7
80°	156.8	155.2	150.3	145.4	147.8	150.1	156.8	163.3	164.4	137.8	121.3
82.5°	91.9	93.9	94.9	96.0	97.6	99.0	99.0	99.0	94.9	80.0	71.9
85°	38.6	39.2	42.5	45.3	47.8	50.0	49.8	49.4	47.0	38.8	33.5
87.5°	20.2	20.8	20.0	18.8	18.0	16.7	15.5	14.3	12.3	11.2	10.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2	1331.2
2.5°	1364.9	1377.0	1388.8	1400.7	1412.5	1425.4	1438.4
5°	1395.6	1419.0	1442.5	1466.4	1490.5	1513.4	1536.4
7.5°	1419.5	1452.1	1484.8	1521.3	1557.9	1596.7	1635.5
10°	1433.3	1473.8	1514.0	1559.5	1604.8	1651.4	1697.7
12.5°	1445.2	1490.3	1535.4	1586.3	1637.1	1683.2	1729.4
15°	1450.7	1499.5	1548.1	1599.7	1651.4	1698.0	1744.7
17.5°	1440.5	1495.8	1551.3	1606.5	1661.6	1705.1	1748.8
20°	1425.2	1490.3	1555.4	1614.6	1673.9	1718.0	1762.1
22.5°	1406.4	1486.0	1565.6	1630.6	1695.7	1735.9	1776.4
25°	1384.3	1485.6	1586.9	1657.9	1729.0	1763.9	1798.8
27.5°	1360.9	1489.5	1618.1	1698.0	1778.0	1804.7	1831.5
30°	1341.0	1497.9	1654.9	1745.3	1835.6	1856.4	1877.4
32.5°	1320.0	1507.2	1694.7	1801.1	1907.4	1920.5	1933.6
35°	1285.3	1505.0	1724.9	1860.3	1995.8	2012.2	2028.5
37.5°	1242.4	1498.7	1754.9	1932.6	2110.2	2129.6	2149.0
40°	1188.3	1484.4	1780.4	2015.2	2250.0	2288.4	2326.6
42.5°	1119.9	1459.7	1799.2	2106.7	2413.8	2494.9	2575.7
45°	1049.5	1442.7	1836.0	2230.9	2625.7	2755.4	2885.0
47.5°	981.7	1422.9	1864.2	2358.5	2852.8	3016.9	3181.1
50°	917.8	1389.2	1860.5	2469.7	3079.0	3301.6	3524.1
52.5°	853.1	1320.2	1787.6	2522.4	3257.1	3610.7	3964.1
55°	792.6	1228.7	1664.5	2508.5	3352.6	3921.3	4489.9
57.5°	738.7	1133.0	1527.3	2432.8	3338.3	4182.0	5025.9
60°	690.5	1011.9	1333.3	2251.3	3169.3	4298.8	5428.1
62.5°	626.8	858.4	1089.9	1953.8	2817.7	4039.7	5261.7
65°	*552.3*	*674.6*	*796.7*	*1532.6*	*2268.4*	*3484.3*	*4700.2*
67.5°	457.8	515.8	573.7	1192.6	1811.5	2992.4	4173.4
70°	371.6	392.0	412.4	913.9	1415.4	2542.2	3669.1
72.5°	301.2	301.4	301.8	687.1	1072.3	2111.0	3149.5
75°	223.6	224.8	226.2	509.2	792.2	1685.5	2578.8
77.5°	163.8	162.9	161.7	329.1	496.6	1105.8	1715.1
80°	104.5	103.7	102.5	181.9	261.3	634.0	1006.6
82.5°	63.7	63.5	63.3	97.8	132.3	317.7	503.3
85°	28.2	26.7	25.5	31.0	36.8	75.5	114.3
87.5°	9.2	8.6	8.2	8.4	8.6	9.0	9.2
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

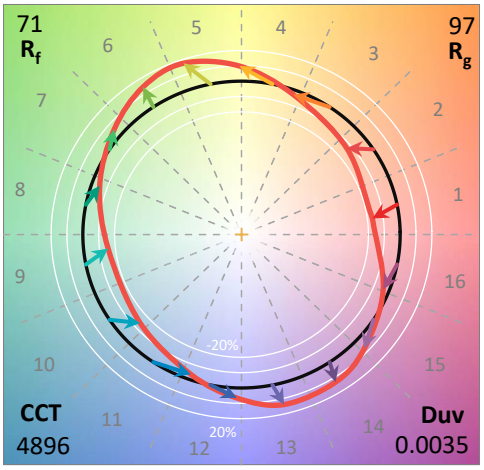
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-6
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-750-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896
CIE u':	0.2101
CIE v':	0.4901
Duv:	0.0035
CIE x:	0.3489
CIE y:	0.3618
CIE z:	0.2893
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	570
Purity:	13.25435
Rf:	70.7
Rg:	96.8

CRI (Ra):	70.2
R1:	68.1
R2:	73.9
R3:	79.4
R4:	72.1
R5:	69.2
R6:	65.7
R7:	78.1
R8:	55.3
R9:	-35.1
R10:	39.3
R11:	71.1
R12:	43.8
R13:	68.1
R14:	88.4
R15:	59.7



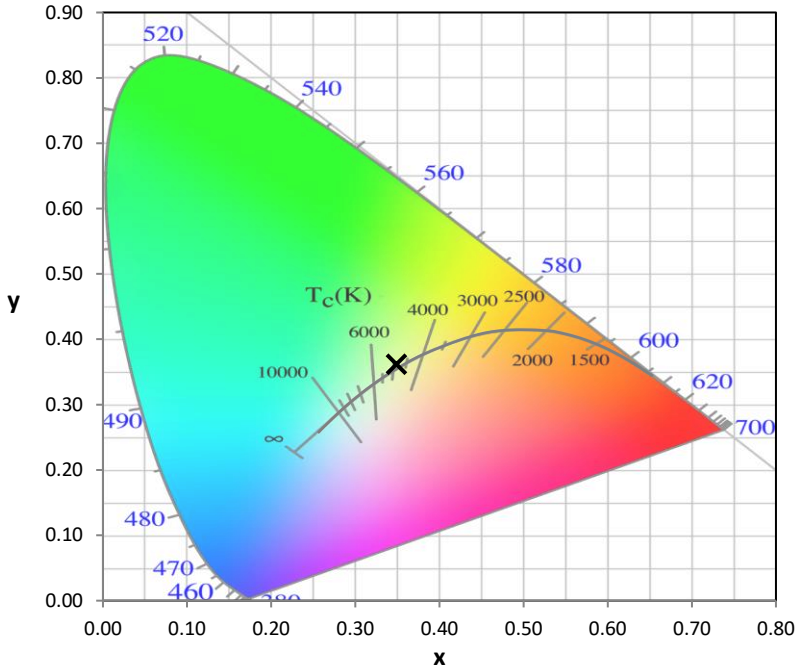
Test Conditions

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

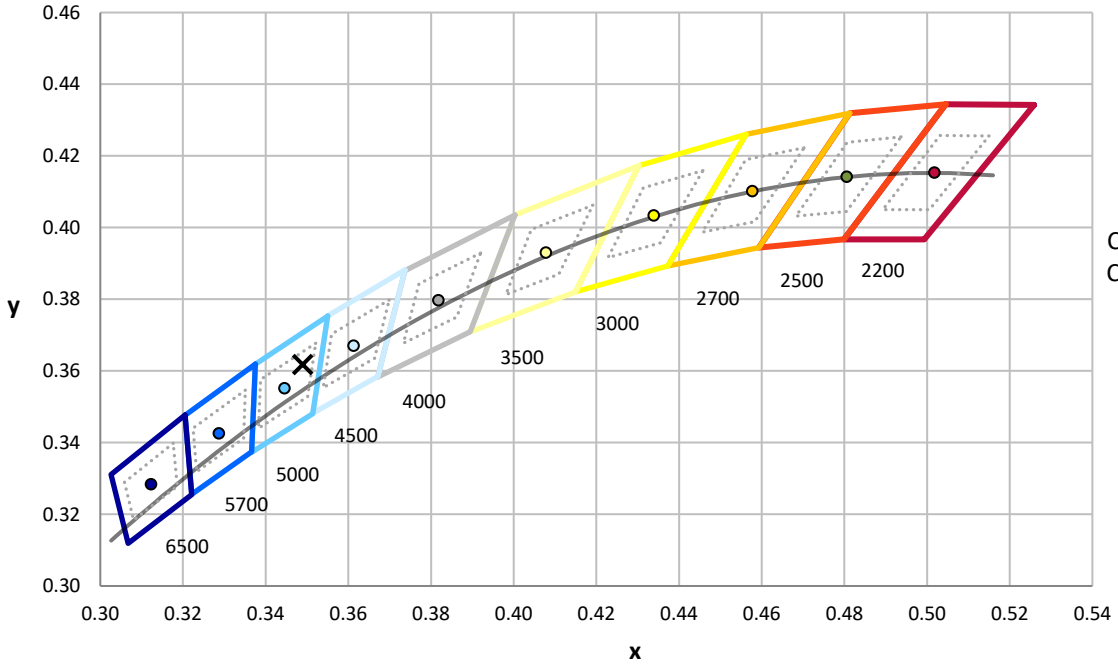
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

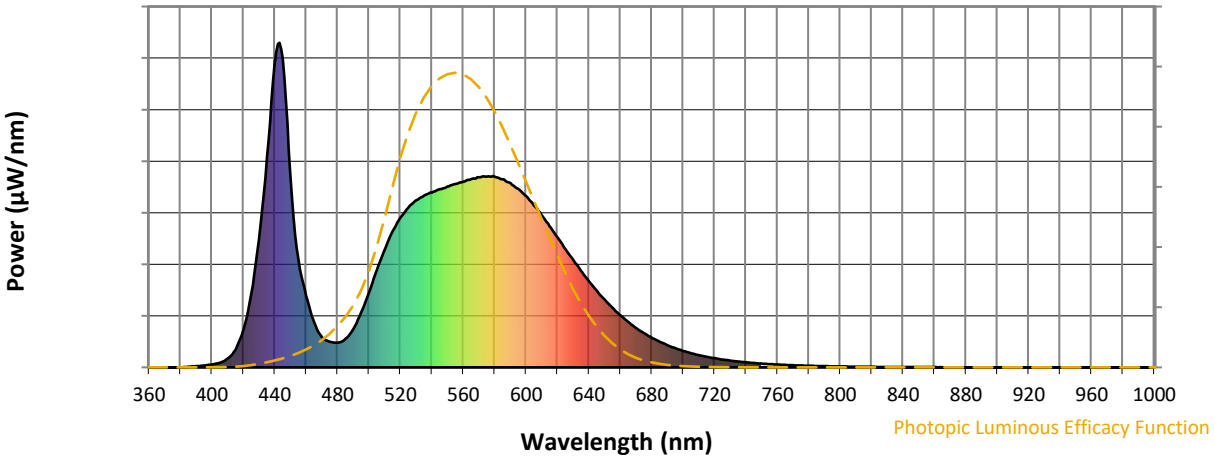


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

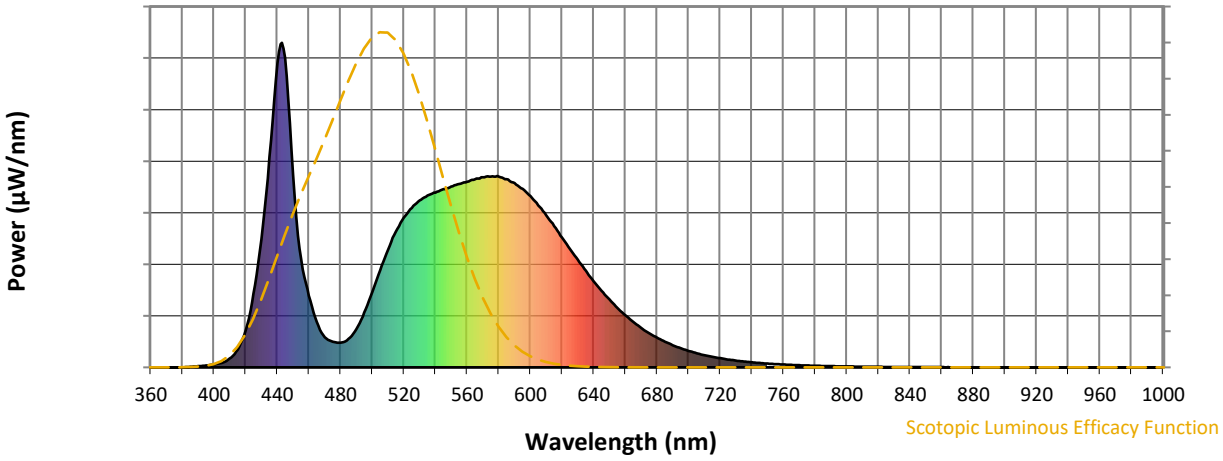


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

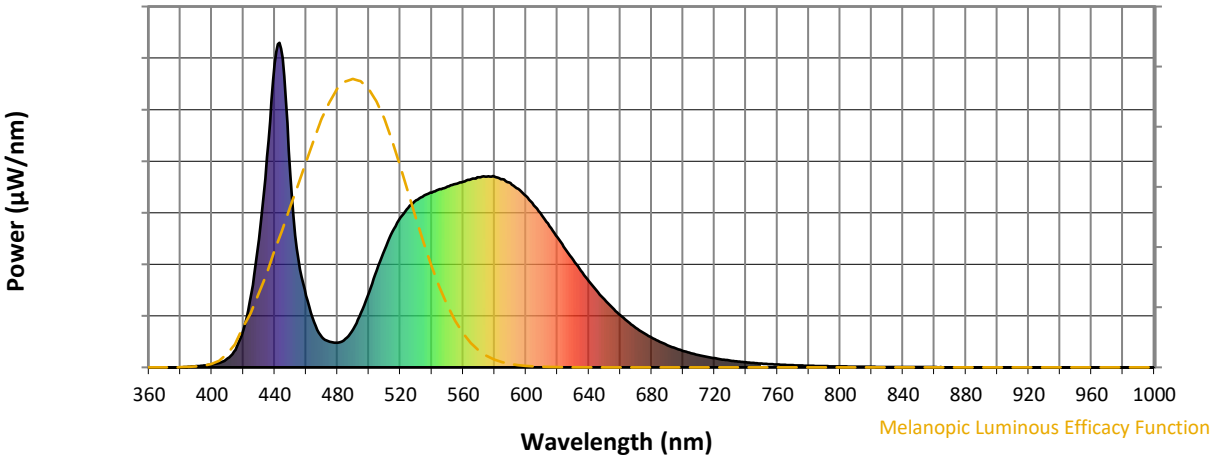


Scotopic Lumens: NR **S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

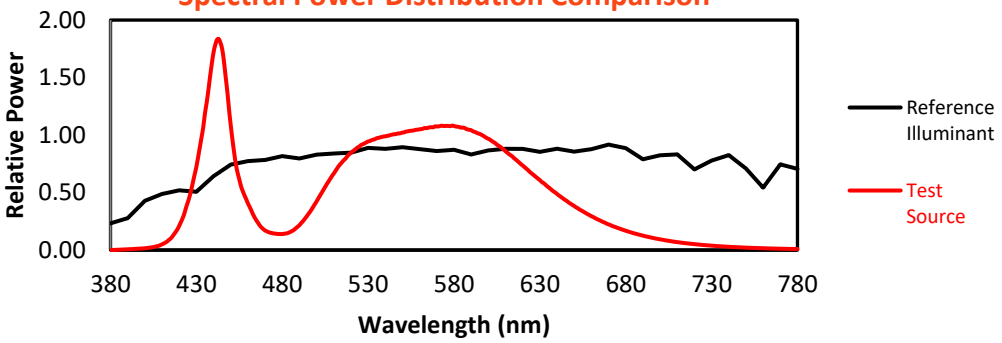
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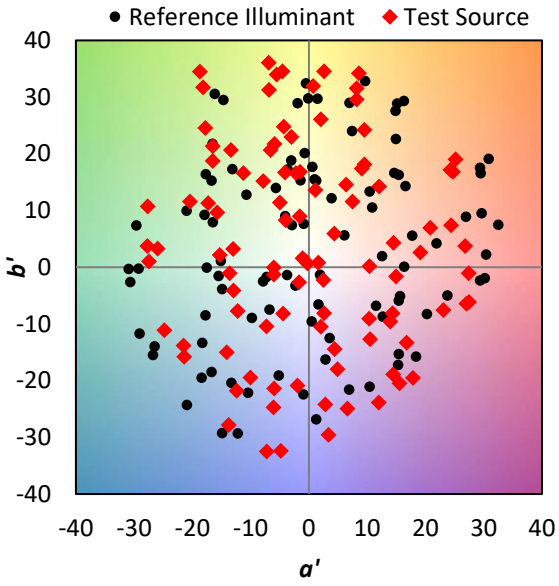
Summary

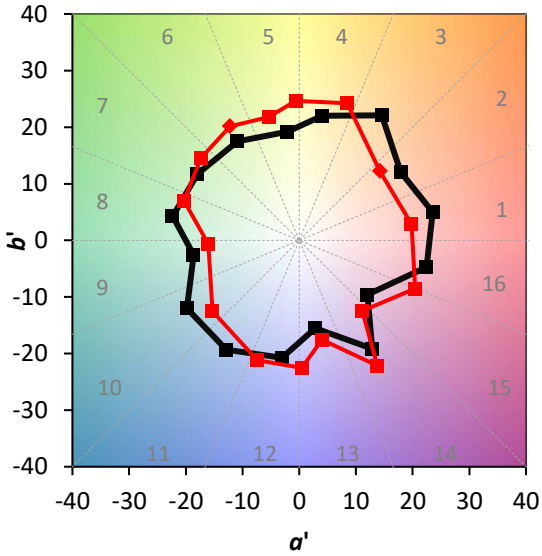
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

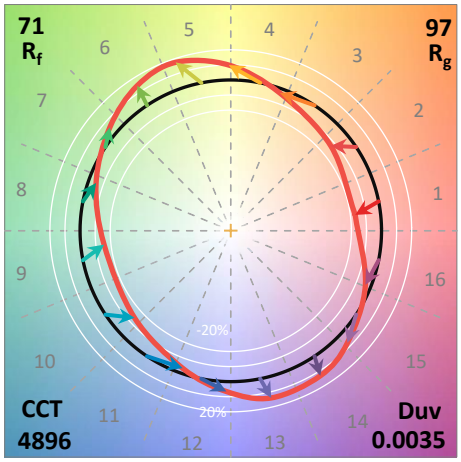
Spectral Power Distribution Comparison

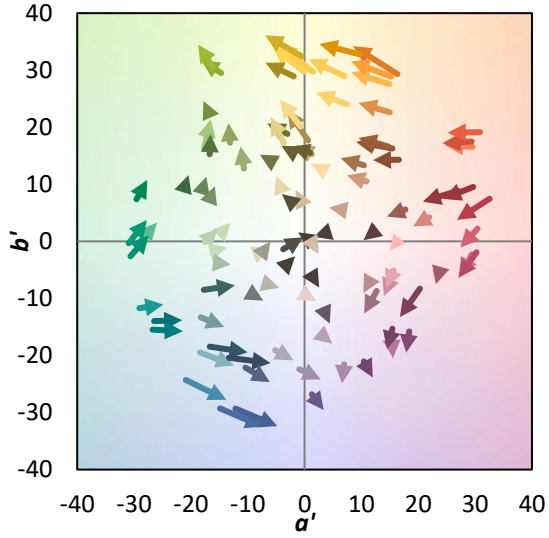


Color Vector Graphics







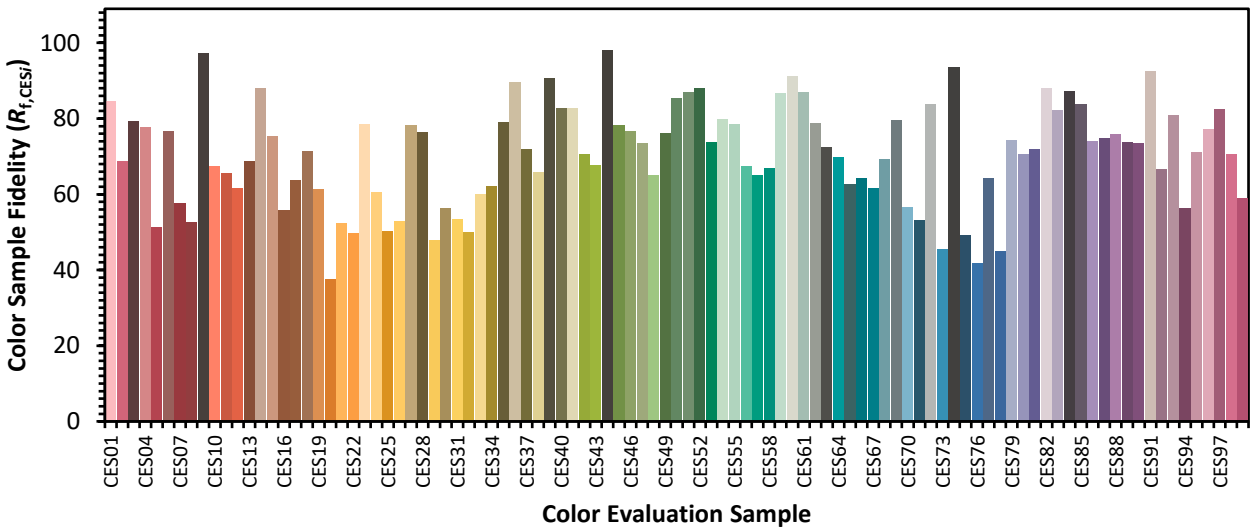


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Individual Sample Fidelity Index ($R_{f,i}$)

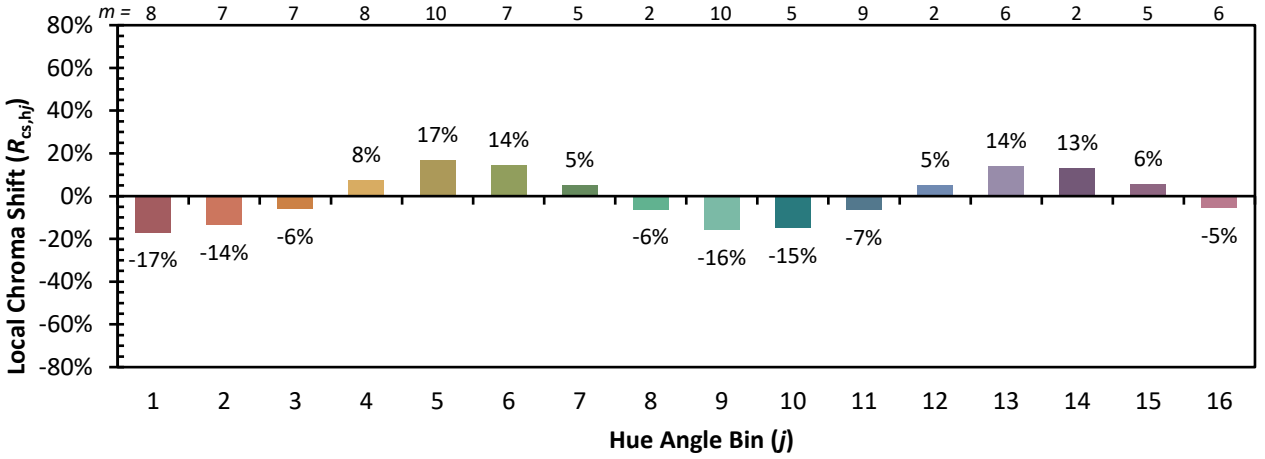
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	

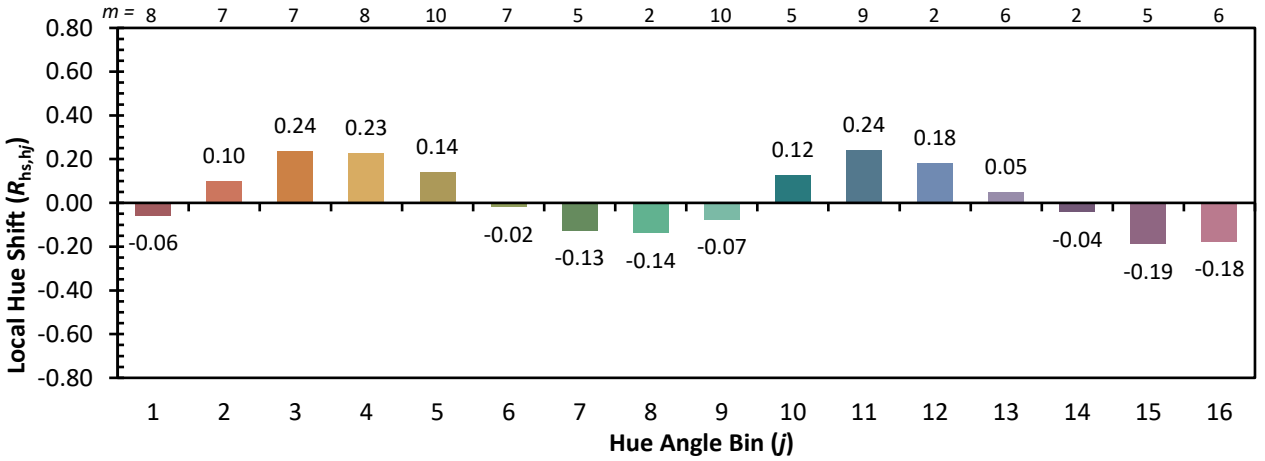


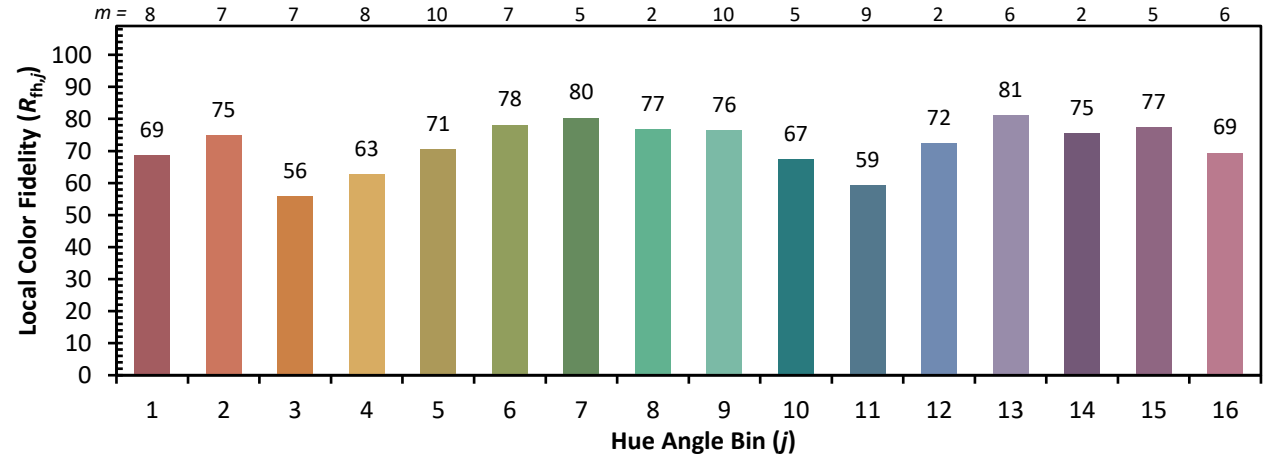
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Color Rendition by Hue-Angle Bin



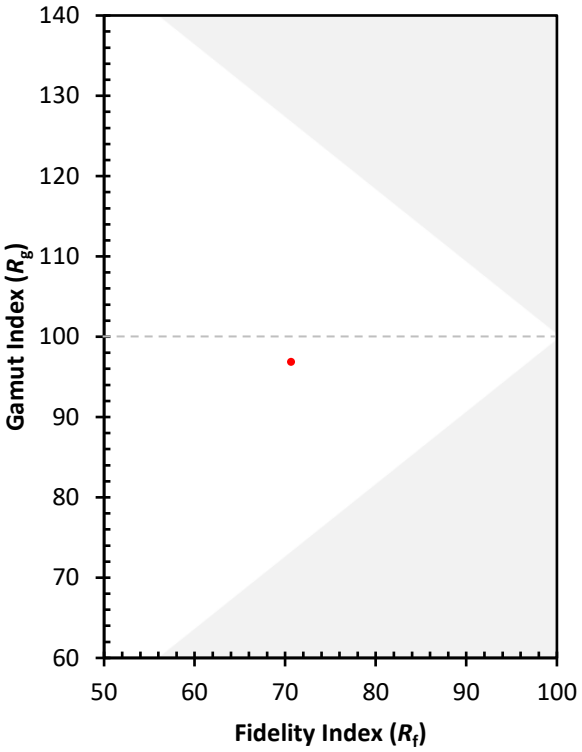


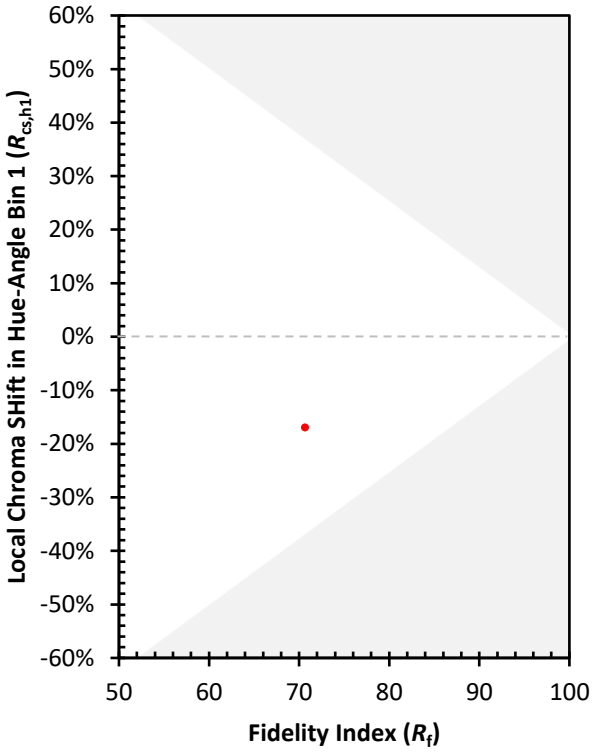


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Measure Comparisons





(END OF REPORT)