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: P1364937

Luminaire Tested: **GSS-SB1C-727-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:	P1364937
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5958.1 lumens
Efficiency:	N/A
Efficacy:	114.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

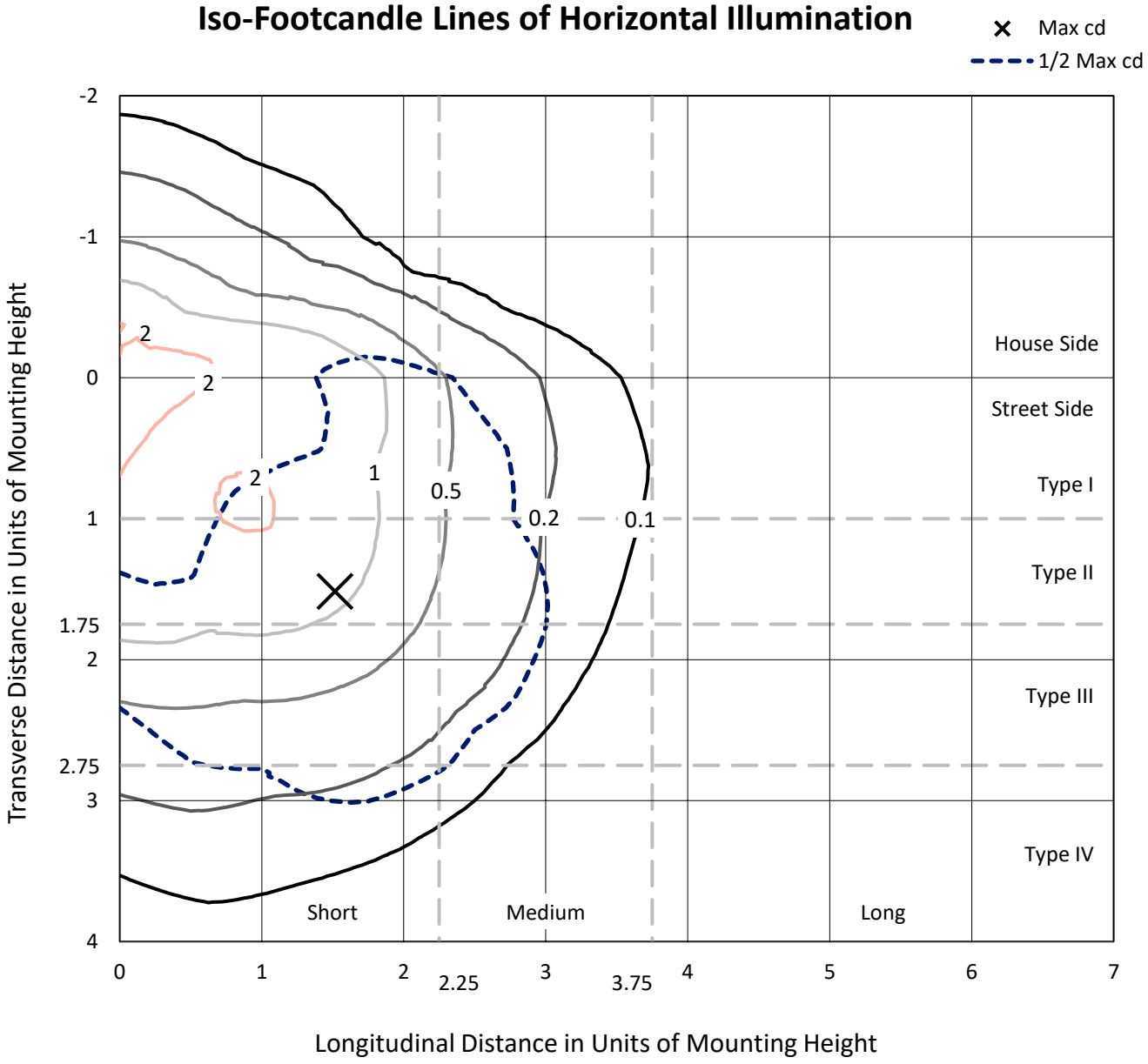
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



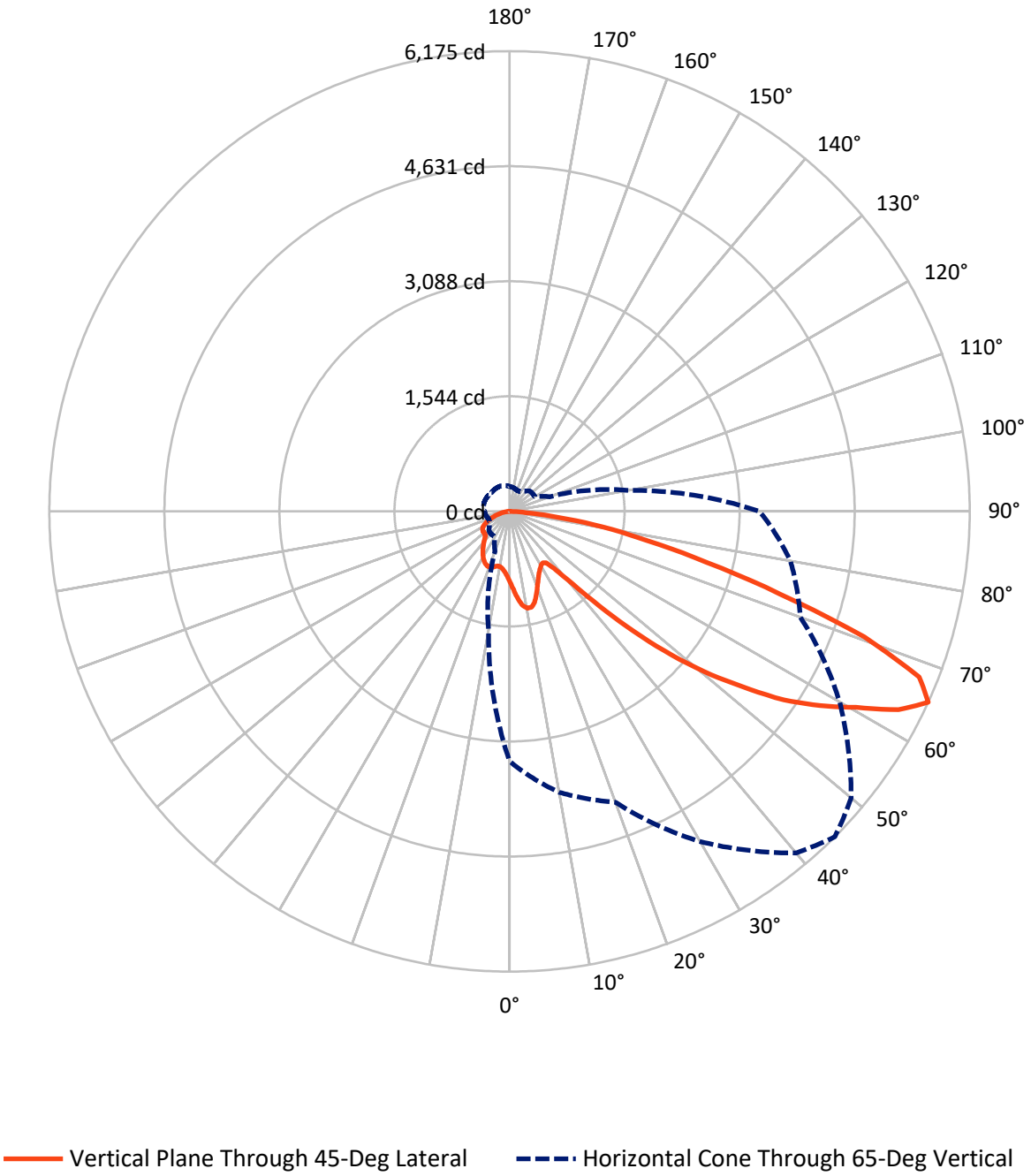
Based on 20 foot mounting height. Maximum calculated value = 3.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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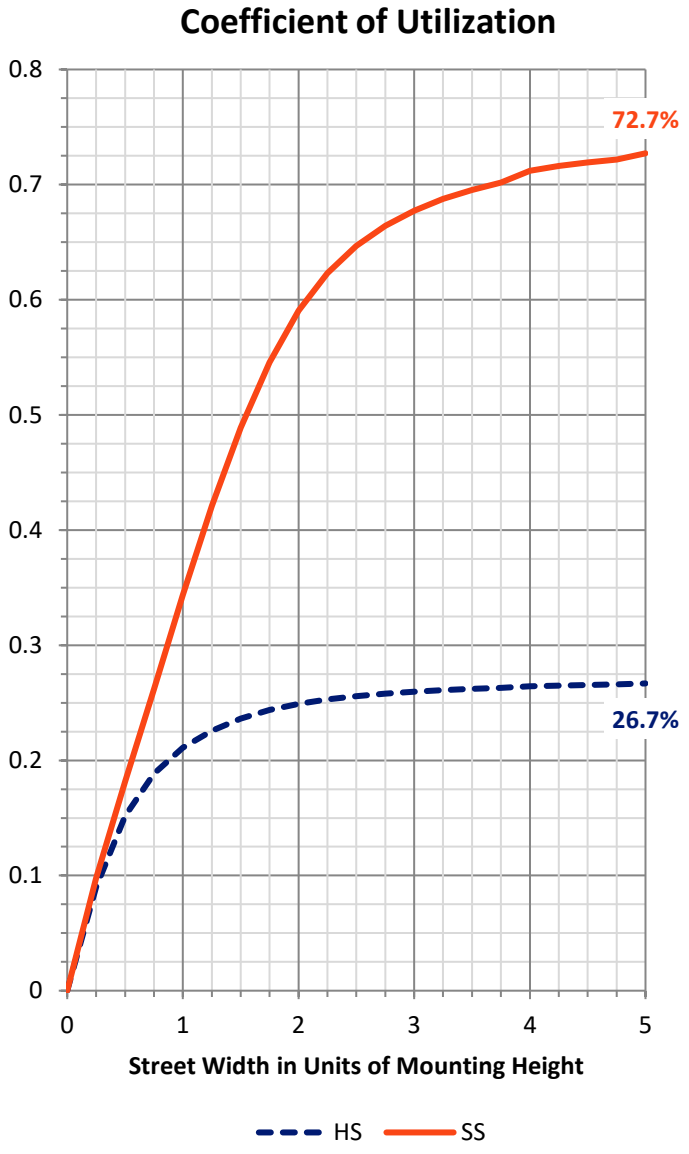
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1602.9	0.0	1602.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4355.3	0.0	4355.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	5958.1	0.0	5958.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.8	1.6
10°-20°	287.5	4.8
20°-30°	444.9	7.5
30°-40°	552.0	9.3
40°-50°	807.2	13.5
50°-60°	1264.4	21.2
60°-70°	1500.2	25.2
70°-80°	875.0	14.7
80°-90°	133.1	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°	5958.1	100.0
0°-180°	5958.1	100.0



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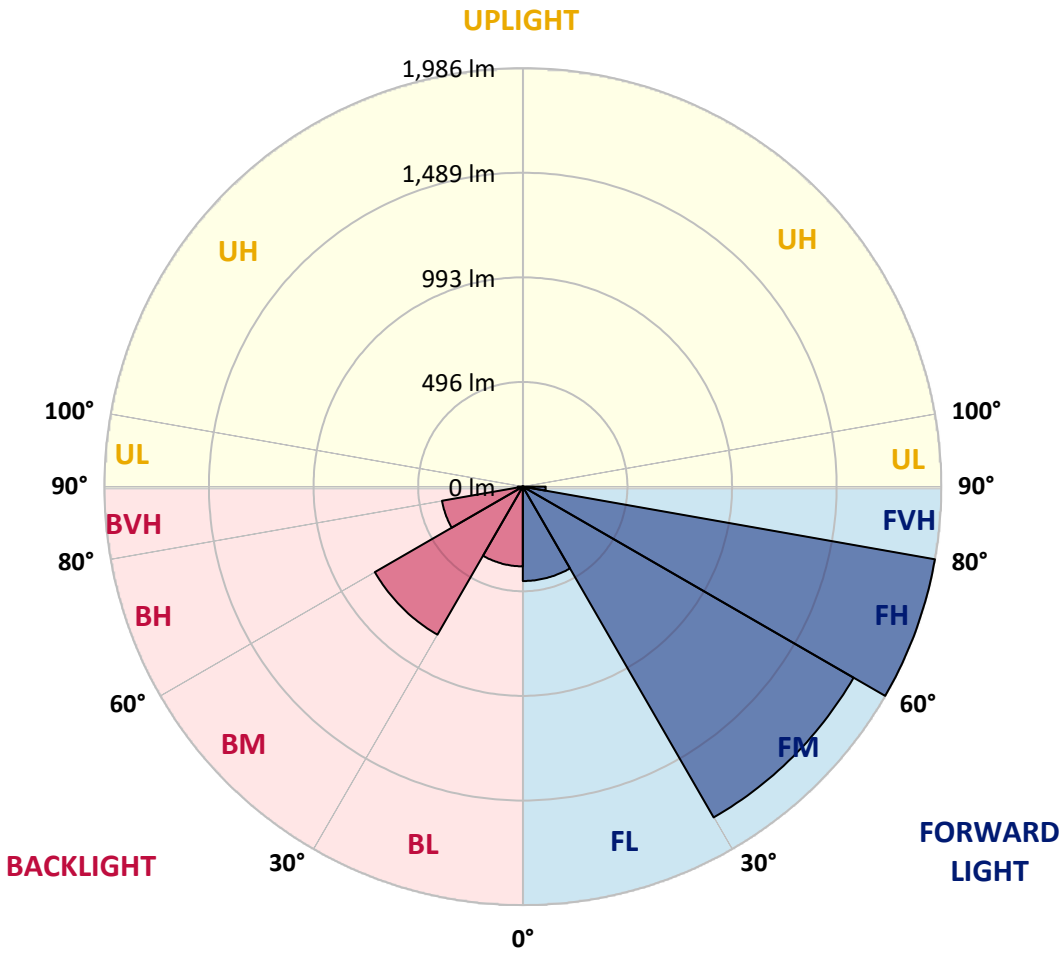
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	447.8	7.5			
FM	(30°-60°)	1812.6	30.4			
FH	(60°-80°)	1986.0	33.3			G2/5000
FVH	(80°-90°)	108.9	1.8			G2/225
BL	(0°-30°)	378.4	6.4	B1/500		
BM	(30°-60°)	811.0	13.6	B1/1000		
BH	(60°-80°)	389.3	6.5	B1/500		G1/500
BVH	(80°-90°)	24.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	*950.0*	950.0
2.5°	1026.5	1030.2	1033.8	1037.8	1041.8	1044.2	1046.5	1049.0	1051.3	*1053.5*	1051.3
5°	1096.5	1112.9	1129.3	1140.3	1151.4	1159.9	1168.3	1173.1	1178.1	*1178.8*	1178.1
7.5°	1167.1	1186.7	1206.2	1223.1	1240.0	1250.8	1261.6	1267.8	1274.2	*1276.4*	1274.2
10°	1211.6	1234.5	1257.5	1273.8	1290.3	1300.3	1310.2	1315.2	1320.1	*1321.6*	1320.1
12.5°	1234.2	1256.2	1278.2	1290.9	1303.4	1309.8	1316.1	1318.4	1320.4	*1318.7*	1320.4
15°	1245.1	1258.1	1270.9	1276.3	1281.5	1278.5	1275.3	1270.7	1266.2	*1263.3*	1266.2
17.5°	1248.0	1252.5	1257.2	1247.4	1237.8	1220.3	1202.8	1189.7	1176.6	*1167.1*	1176.6
20°	1257.5	1250.2	1242.9	1217.0	1191.2	1158.4	1125.6	1103.6	1081.5	*1068.1*	1081.5
22.5°	1267.7	1247.1	1226.6	1183.0	1139.5	1094.6	1049.8	1024.5	999.3	*985.0*	999.3
25°	1283.7	1248.4	1213.0	1154.2	1095.5	1042.7	990.1	962.6	935.2	*919.4*	935.2
27.5°	1307.0	1253.1	1199.2	1126.3	1053.5	996.4	939.1	912.9	886.6	*872.8*	886.6
30°	1339.8	1268.3	1196.6	1109.4	1022.2	962.4	902.7	877.0	851.2	*836.4*	851.2
32.5°	1379.9	1289.5	1199.2	1101.6	1003.9	943.0	882.3	857.7	833.2	*820.4*	833.2
35°	1447.6	1333.3	1218.9	1110.6	1002.5	946.0	889.6	871.5	853.6	*846.6*	853.6
37.5°	1533.6	1400.0	1266.2	1154.8	1043.3	1004.8	966.4	966.4	966.4	*971.9*	966.4
40°	1660.4	1510.3	1360.2	1254.7	1149.4	1147.0	1145.0	1169.5	1194.1	*1205.0*	1194.1
42.5°	1838.1	1679.5	1520.9	1435.8	1350.7	1401.7	1452.7	1523.6	1594.4	*1640.7*	1594.4
45°	2058.9	1904.4	1750.0	1690.5	1631.2	1744.7	1858.1	1983.3	2108.4	*2197.3*	2108.4
47.5°	2270.2	2140.2	2010.1	1976.1	1942.3	2131.0	2319.7	2503.2	2686.6	*2794.7*	2686.6
50°	2515.0	2398.1	2281.1	2274.5	2268.0	2519.3	2770.7	3007.5	3244.2	*3376.1*	3244.2
52.5°	2829.0	2700.6	2572.1	2577.3	2582.3	2880.8	3179.4	3465.7	3752.1	*3900.7*	3752.1
55°	3204.2	3043.2	2882.2	2881.3	2880.4	3223.4	3566.7	3918.5	4270.5	*4468.9*	4270.5
57.5°	3586.7	3435.9	3285.0	3249.2	3213.2	3572.0	3930.5	4319.0	4707.6	*4916.3*	4707.6
60°	3873.7	3790.7	3707.6	3650.2	3592.9	3961.3	4329.8	4731.1	5132.2	*5340.3*	5132.2
62.5°	3755.0	3903.4	4051.9	4047.7	4043.5	4441.1	4838.8	5256.1	5673.7	*5860.5*	5673.7
65°	*3354.3*	*3591.0*	*3827.8*	*3990.7*	*4153.5*	*4634.2*	*5114.7*	*5549.5*	*5984.3*	*6175.2*	*5984.3*
67.5°	2978.3	3187.0	3395.8	3529.1	3662.4	4204.0	4745.8	5239.2	5732.6	*5929.0*	5732.6
70°	2618.4	2849.5	3080.6	3175.9	3271.2	3731.4	4191.4	4581.7	4971.9	*5048.9*	4971.9
72.5°	2247.6	2522.4	2797.4	2837.7	2878.1	3212.9	3547.8	3755.7	3963.6	*3795.8*	3963.6
75°	1840.3	2150.4	2460.3	2487.3	2514.2	2618.6	2723.0	2775.9	2829.0	*2733.5*	2829.0
77.5°	1224.0	1492.4	1760.9	1821.4	1881.9	1951.4	2021.0	2017.4	2013.7	*1879.7*	2013.7
80°	718.4	928.3	1138.3	1146.2	1154.0	1206.2	1258.2	1311.4	1364.6	*1279.3*	1364.6
82.5°	359.2	474.4	589.8	607.6	625.4	657.3	689.2	704.1	719.1	*647.0*	719.1
85°	81.6	111.6	141.6	170.6	199.6	233.1	266.7	262.9	259.1	*218.6*	259.1
87.5°	6.6	6.7	7.0	7.1	7.3	7.4	7.6	8.0	8.5	*8.7*	8.5
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°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	1049.0	1046.5	1044.2	1041.8	1037.8	1033.8	1030.2	1026.5	1017.2	1008.0	999.6
5°	1173.1	1168.3	1159.9	1151.4	1140.3	1129.3	1112.9	1096.5	1080.0	1063.7	1046.5
7.5°	1267.8	1261.6	1250.8	1240.0	1223.1	1206.2	1186.7	1167.1	1139.5	1111.8	1085.7
10°	1315.2	1310.2	1300.3	1290.3	1273.8	1257.5	1234.5	1211.6	1178.5	1145.3	1112.9
12.5°	1318.4	1316.1	1309.8	1303.4	1290.9	1278.2	1256.2	1234.2	1201.2	1168.3	1132.0
15°	1270.7	1275.3	1278.5	1281.5	1276.3	1270.9	1258.1	1245.1	1211.7	1178.5	1141.6
17.5°	1189.7	1202.8	1220.3	1237.8	1247.4	1257.2	1252.5	1248.0	1216.8	1185.8	1146.5
20°	1103.6	1125.6	1158.4	1191.2	1217.0	1242.9	1250.2	1257.5	1226.0	1194.5	1152.3
22.5°	1024.5	1049.8	1094.6	1139.5	1183.0	1226.6	1247.1	1267.7	1238.8	1210.1	1163.6
25°	962.6	990.1	1042.7	1095.5	1154.2	1213.0	1248.4	1283.7	1258.8	1233.9	1183.2
27.5°	912.9	939.1	996.4	1053.5	1126.3	1199.2	1253.1	1307.0	1287.9	1268.8	1211.7
30°	877.0	902.7	962.4	1022.2	1109.4	1196.6	1268.3	1339.8	1324.8	1309.9	1245.5
32.5°	857.7	882.3	943.0	1003.9	1101.6	1199.2	1289.5	1379.9	1370.6	1361.2	1285.3
35°	871.5	889.6	946.0	1002.5	1110.6	1218.9	1333.3	1447.6	1436.0	1424.3	1327.6
37.5°	966.4	966.4	1004.8	1043.3	1154.8	1266.2	1400.0	1533.6	1519.8	1505.9	1379.2
40°	1169.5	1145.0	1147.0	1149.4	1254.7	1360.2	1510.3	1660.4	1633.1	1605.7	1438.2
42.5°	1523.6	1452.7	1401.7	1350.7	1435.8	1520.9	1679.5	1838.1	1780.4	1722.6	1503.4
45°	1983.3	1858.1	1744.7	1631.2	1690.5	1750.0	1904.4	2058.9	1966.4	1873.8	1592.0
47.5°	2503.2	2319.7	2131.0	1942.3	1976.1	2010.1	2140.2	2270.2	2153.0	2035.9	1683.1
50°	3007.5	2770.7	2519.3	2268.0	2274.5	2281.1	2398.1	2515.0	2356.1	2197.3	1762.5
52.5°	3465.7	3179.4	2880.8	2582.3	2577.3	2572.1	2700.6	2829.0	2576.7	2324.4	1800.1
55°	3918.5	3566.7	3223.4	2880.4	2881.3	2882.2	3043.2	3204.2	2798.4	2392.6	1790.2
57.5°	4319.0	3930.5	3572.0	3213.2	3249.2	3285.0	3435.9	3586.7	2984.4	2382.4	1736.1
60°	4731.1	4329.8	3961.3	3592.9	3650.2	3707.6	3790.7	3873.7	3067.8	2261.7	1606.6
62.5°	5256.1	4838.8	4441.1	4043.5	4047.7	4051.9	3903.4	3755.0	2882.9	2010.8	1394.3
65°	*5549.5*	*5114.7*	*4634.2*	*4153.5*	*3990.7*	*3827.8*	*3591.0*	*3354.3*	*2486.6*	*1618.8*	*1093.7*
67.5°	5239.2	4745.8	4204.0	3662.4	3529.1	3395.8	3187.0	2978.3	2135.5	1292.7	851.1
70°	4581.7	4191.4	3731.4	3271.2	3175.9	3080.6	2849.5	2618.4	1814.2	1010.1	652.2
72.5°	3755.7	3547.8	3212.9	2878.1	2837.7	2797.4	2522.4	2247.6	1506.5	765.3	490.3
75°	2775.9	2723.0	2618.6	2514.2	2487.3	2460.3	2150.4	1840.3	1202.8	565.4	363.4
77.5°	2017.4	2021.0	1951.4	1881.9	1821.4	1760.9	1492.4	1224.0	789.2	354.4	234.9
80°	1311.4	1258.2	1206.2	1154.0	1146.2	1138.3	928.3	718.4	452.4	186.5	129.8
82.5°	704.1	689.2	657.3	625.4	607.6	589.8	474.4	359.2	226.7	94.4	69.8
85°	262.9	266.7	233.1	199.6	170.6	141.6	111.6	81.6	53.9	26.2	22.1
87.5°	8.0	7.6	7.4	7.3	7.1	7.0	6.7	6.6	6.4	6.1	6.0
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°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	991.1	982.7	974.1	965.9	957.6	949.3	942.0	934.2	926.4	920.3	914.3
5°	1029.4	1012.7	995.9	980.1	964.3	947.8	933.7	919.7	906.0	894.7	883.3
7.5°	1059.6	1036.3	1013.0	992.1	971.2	949.3	932.3	915.2	898.3	883.6	868.7
10°	1080.4	1051.7	1022.9	998.8	974.8	951.5	933.3	915.4	897.6	882.4	867.3
12.5°	1095.7	1063.5	1031.3	1004.8	978.4	952.9	935.2	920.3	905.6	895.0	884.5
15°	1104.8	1070.1	1035.3	1005.4	975.5	947.1	931.4	921.8	912.1	911.3	910.4
17.5°	1107.1	1067.5	1028.0	993.2	958.5	925.3	911.9	910.5	909.2	923.7	938.1
20°	1110.0	1063.5	1017.1	971.3	925.6	881.6	873.1	881.4	889.6	917.8	946.0
22.5°	1117.3	1060.5	1003.7	946.2	888.8	836.4	828.4	840.6	852.7	889.6	926.4
25°	1132.5	1060.2	987.9	916.4	844.8	784.7	783.9	797.2	810.4	844.5	878.6
27.5°	1154.8	1063.0	971.2	885.8	800.2	738.8	742.4	755.1	767.9	793.2	818.6
30°	1181.0	1068.9	957.0	859.1	761.3	701.6	705.5	715.4	725.3	743.7	762.1
32.5°	1209.4	1075.6	942.0	835.8	729.7	674.6	674.6	678.9	683.1	695.0	707.0
35°	1231.0	1074.0	917.2	809.3	701.2	658.6	649.6	646.1	642.6	650.5	658.3
37.5°	1252.4	1069.5	886.6	779.8	673.2	639.7	622.5	613.2	603.5	607.3	610.8
40°	1270.6	1059.3	848.0	744.7	641.4	614.9	593.3	579.3	565.4	565.1	564.6
42.5°	1284.0	1041.7	799.2	702.9	606.4	587.9	561.3	543.5	525.7	523.8	521.9
45°	1310.2	1029.6	749.0	660.4	571.9	555.2	528.6	510.3	492.2	489.3	486.4
47.5°	1330.3	1015.5	700.6	618.1	535.9	516.5	491.8	476.2	460.4	458.7	456.8
50°	1327.7	991.4	655.0	580.5	505.9	479.4	454.9	442.1	429.1	431.3	433.5
52.5°	1275.7	942.2	608.8	546.7	484.9	451.0	424.7	415.1	405.4	412.2	418.9
55°	1187.8	876.9	565.6	518.4	470.9	437.1	406.2	395.5	384.7	394.3	403.9
57.5°	1089.9	808.5	527.2	494.5	461.9	433.5	395.6	380.5	365.4	375.1	384.7
60°	951.5	722.1	492.8	469.9	447.0	424.7	386.9	367.9	349.0	355.4	361.7
62.5°	777.8	612.6	447.3	434.5	421.8	412.4	376.2	351.5	326.7	327.6	328.1
65°	*568.6*	*481.4*	*394.1*	*391.4*	*388.8*	*386.1*	*356.3*	*329.6*	*303.1*	*300.2*	*297.2*
67.5°	409.4	368.1	326.7	334.4	342.1	346.1	325.7	302.2	278.6	272.6	266.7
70°	294.3	279.8	265.2	276.7	288.2	287.1	277.1	263.2	249.2	245.4	241.6
72.5°	215.4	215.1	214.9	223.7	232.4	220.8	227.0	223.8	220.8	218.0	215.4
75°	161.4	160.4	159.6	169.9	180.4	185.1	189.1	187.4	185.8	183.7	181.8
77.5°	115.4	116.3	116.9	128.2	139.6	153.0	153.7	149.9	146.0	144.0	141.6
80°	73.1	74.0	74.6	86.6	98.4	117.3	116.6	111.9	107.1	105.5	103.7
82.5°	45.2	45.3	45.5	51.3	57.1	67.8	70.7	70.7	70.7	69.6	68.5
85°	18.2	19.1	20.1	23.9	27.7	33.5	35.3	35.6	35.7	34.1	32.3
87.5°	5.8	6.1	6.6	7.3	8.0	8.7	10.2	11.1	11.9	12.8	13.4
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: P1364937
CATALOG NUMBER: GSS-SB1C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	909.1	903.7	897.4	891.0	886.5	881.8	878.8	875.7	874.3	872.8	871.6
5°	874.0	864.4	855.9	847.3	840.6	833.8	828.2	822.5	820.2	817.7	816.1
7.5°	856.2	843.7	833.2	822.5	812.5	802.6	796.2	789.8	786.0	782.2	779.4
10°	854.0	840.8	826.9	813.1	802.0	790.9	781.3	772.0	766.6	761.3	758.4
12.5°	872.2	860.0	843.5	826.9	811.9	797.0	785.2	773.4	766.7	760.3	755.9
15°	906.2	901.9	886.6	871.4	850.7	829.8	812.9	795.9	786.5	776.9	771.5
17.5°	946.4	954.7	944.1	933.3	904.1	875.0	849.8	824.7	811.0	797.3	792.5
20°	968.4	990.8	989.7	988.6	950.6	912.4	879.4	846.3	827.9	809.9	802.6
22.5°	958.8	991.1	999.4	1007.6	970.3	932.8	892.0	851.2	829.7	808.0	801.1
25°	913.5	948.3	963.7	979.2	948.4	917.7	878.1	838.6	815.8	793.0	786.0
27.5°	846.6	874.6	891.9	909.2	890.4	871.6	839.6	807.5	787.4	767.2	759.7
30°	781.0	800.0	813.8	827.6	815.3	802.9	779.8	757.0	742.0	727.1	722.4
32.5°	721.1	735.1	742.8	750.4	740.8	731.2	716.0	700.9	691.5	682.2	679.2
35°	669.7	681.2	687.0	692.9	684.8	676.8	663.3	649.9	643.2	636.5	634.0
37.5°	620.6	630.2	638.5	647.0	641.1	635.3	623.8	612.3	604.4	596.2	591.9
40°	574.0	583.1	593.6	604.0	603.0	601.8	590.9	579.9	568.6	557.3	551.4
42.5°	531.1	540.3	551.4	562.4	564.6	566.8	557.8	548.6	535.5	522.4	513.2
45°	494.3	502.4	514.5	526.7	531.8	536.9	528.8	520.5	505.8	491.0	480.1
47.5°	465.1	473.6	487.0	500.5	505.9	511.4	505.9	500.5	487.8	475.0	465.4
50°	442.7	451.7	462.2	472.8	482.9	492.8	491.8	490.8	480.7	470.6	461.6
52.5°	427.2	435.7	446.6	457.5	468.0	478.7	480.3	482.0	474.7	467.4	459.6
55°	414.0	424.0	434.2	444.4	454.3	464.1	466.3	468.5	463.2	457.8	452.0
57.5°	395.6	406.5	416.7	426.9	438.4	450.0	451.7	453.5	447.9	442.2	437.9
60°	372.9	383.9	394.6	405.1	416.7	428.4	430.7	433.1	428.7	424.3	420.2
62.5°	340.8	353.3	362.1	370.8	381.9	393.1	396.5	400.0	397.9	396.0	391.4
65°	*309.2*	*321.3*	*328.1*	*335.1*	*344.8*	*354.4*	*357.7*	*361.1*	*360.1*	*359.2*	*355.8*
67.5°	277.7	288.8	294.5	300.2	306.7	313.3	317.1	320.9	319.0	316.9	313.4
70°	250.6	259.7	264.6	269.6	274.8	280.1	282.1	284.1	281.2	278.3	270.4
72.5°	222.2	229.1	233.3	237.5	242.5	247.4	248.6	249.9	245.4	240.7	231.5
75°	187.1	192.3	195.5	198.9	204.0	209.1	211.3	213.5	207.1	200.8	191.0
77.5°	146.4	151.2	154.3	157.4	161.6	165.8	166.4	167.3	161.7	156.2	150.4
80°	107.2	110.7	111.9	112.9	116.4	119.8	119.8	119.8	115.7	111.5	108.6
82.5°	67.8	67.0	65.6	64.1	67.6	71.1	72.3	73.6	71.7	69.9	66.7
85°	30.3	28.0	27.5	27.0	26.8	26.5	27.5	28.4	28.0	27.7	26.5
87.5°	14.3	14.9	14.4	13.8	13.3	12.8	11.7	10.5	9.6	8.7	8.2
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364937
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	870.6	869.9	870.6	871.6	872.8	874.3	875.7	878.8	881.8	886.5	891.0
5°	814.5	813.1	814.5	816.1	817.7	820.2	822.5	828.2	833.8	840.6	847.3
7.5°	776.6	775.2	776.6	779.4	782.2	786.0	789.8	796.2	802.6	812.5	822.5
10°	755.5	753.3	755.5	758.4	761.3	766.6	772.0	781.3	790.9	802.0	813.1
12.5°	751.6	749.0	751.6	755.9	760.3	766.7	773.4	785.2	797.0	811.9	826.9
15°	766.1	762.1	766.1	771.5	776.9	786.5	795.9	812.9	829.8	850.7	871.4
17.5°	787.6	785.4	787.6	792.5	797.3	811.0	824.7	849.8	875.0	904.1	933.3
20°	795.3	792.7	795.3	802.6	809.9	827.9	846.3	879.4	912.4	950.6	988.6
22.5°	794.1	791.2	794.1	801.1	808.0	829.7	851.2	892.0	932.8	970.3	1007.6
25°	778.8	776.6	778.8	786.0	793.0	815.8	838.6	878.1	917.7	948.4	979.2
27.5°	752.2	747.5	752.2	759.7	767.2	787.4	807.5	839.6	871.6	890.4	909.2
30°	717.6	715.4	717.6	722.4	727.1	742.0	757.0	779.8	802.9	815.3	827.6
32.5°	676.1	674.6	676.1	679.2	682.2	691.5	700.9	716.0	731.2	740.8	750.4
35°	631.7	629.5	631.7	634.0	636.5	643.2	649.9	663.3	676.8	684.8	692.9
37.5°	587.5	584.3	587.5	591.9	596.2	604.4	612.3	623.8	635.3	641.1	647.0
40°	545.2	542.0	545.2	551.4	557.3	568.6	579.9	590.9	601.8	603.0	604.0
42.5°	504.2	498.3	504.2	513.2	522.4	535.5	548.6	557.8	566.8	564.6	562.4
45°	469.2	461.9	469.2	480.1	491.0	505.8	520.5	528.8	536.9	531.8	526.7
47.5°	455.8	448.8	455.8	465.4	475.0	487.8	500.5	505.9	511.4	505.9	500.5
50°	452.4	445.9	452.4	461.6	470.6	480.7	490.8	491.8	492.8	482.9	472.8
52.5°	451.7	445.9	451.7	459.6	467.4	474.7	482.0	480.3	478.7	468.0	457.5
55°	446.2	441.5	446.2	452.0	457.8	463.2	468.5	466.3	464.1	454.3	444.4
57.5°	433.5	431.3	433.5	437.9	442.2	447.9	453.5	451.7	450.0	438.4	426.9
60°	416.0	412.4	416.0	420.2	424.3	428.7	433.1	430.7	428.4	416.7	405.1
62.5°	386.9	381.8	386.9	391.4	396.0	397.9	400.0	396.5	393.1	381.9	370.8
65°	*352.6*	*346.8*	*352.6*	*355.8*	*359.2*	*360.1*	*361.1*	*357.7*	*354.4*	*344.8*	*335.1*
67.5°	310.1	308.9	310.1	313.4	316.9	319.0	320.9	317.1	313.3	306.7	300.2
70°	262.6	253.5	262.6	270.4	278.3	281.2	284.1	282.1	280.1	274.8	269.6
72.5°	222.2	212.7	222.2	231.5	240.7	245.4	249.9	248.6	247.4	242.5	237.5
75°	181.4	174.9	181.4	191.0	200.8	207.1	213.5	211.3	209.1	204.0	198.9
77.5°	144.5	141.3	144.5	150.4	156.2	161.7	167.3	166.4	165.8	161.6	157.4
80°	105.6	103.5	105.6	108.6	111.5	115.7	119.8	119.8	119.8	116.4	112.9
82.5°	63.4	61.2	63.4	66.7	69.9	71.7	73.6	72.3	71.1	67.6	64.1
85°	25.5	24.8	25.5	26.5	27.7	28.0	28.4	27.5	26.5	26.8	27.0
87.5°	7.6	7.3	7.6	8.2	8.7	9.6	10.5	11.7	12.8	13.3	13.8
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: P1364937
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	897.4	903.7	909.1	914.3	920.3	926.4	934.2	942.0	949.3	957.6	965.9
5°	855.9	864.4	874.0	883.3	894.7	906.0	919.7	933.7	947.8	964.3	980.1
7.5°	833.2	843.7	856.2	868.7	883.6	898.3	915.2	932.3	949.3	971.2	992.1
10°	826.9	840.8	854.0	867.3	882.4	897.6	915.4	933.3	951.5	974.8	998.8
12.5°	843.5	860.0	872.2	884.5	895.0	905.6	920.3	935.2	952.9	978.4	1004.8
15°	886.6	901.9	906.2	910.4	911.3	912.1	921.8	931.4	947.1	975.5	1005.4
17.5°	944.1	954.7	946.4	938.1	923.7	909.2	910.5	911.9	925.3	958.5	993.2
20°	989.7	990.8	968.4	946.0	917.8	889.6	881.4	873.1	881.6	925.6	971.3
22.5°	999.4	991.1	958.8	926.4	889.6	852.7	840.6	828.4	836.4	888.8	946.2
25°	963.7	948.3	913.5	878.6	844.5	810.4	797.2	783.9	784.7	844.8	916.4
27.5°	891.9	874.6	846.6	818.6	793.2	767.9	755.1	742.4	738.8	800.2	885.8
30°	813.8	800.0	781.0	762.1	743.7	725.3	715.4	705.5	701.6	761.3	859.1
32.5°	742.8	735.1	721.1	707.0	695.0	683.1	678.9	674.6	674.6	729.7	835.8
35°	687.0	681.2	669.7	658.3	650.5	642.6	646.1	649.6	658.6	701.2	809.3
37.5°	638.5	630.2	620.6	610.8	607.3	603.5	613.2	622.5	639.7	673.2	779.8
40°	593.6	583.1	574.0	564.6	565.1	565.4	579.3	593.3	614.9	641.4	744.7
42.5°	551.4	540.3	531.1	521.9	523.8	525.7	543.5	561.3	587.9	606.4	702.9
45°	514.5	502.4	494.3	486.4	489.3	492.2	510.3	528.6	555.2	571.9	660.4
47.5°	487.0	473.6	465.1	456.8	458.7	460.4	476.2	491.8	516.5	535.9	618.1
50°	462.2	451.7	442.7	433.5	431.3	429.1	442.1	454.9	479.4	505.9	580.5
52.5°	446.6	435.7	427.2	418.9	412.2	405.4	415.1	424.7	451.0	484.9	546.7
55°	434.2	424.0	414.0	403.9	394.3	384.7	395.5	406.2	437.1	470.9	518.4
57.5°	416.7	406.5	395.6	384.7	375.1	365.4	380.5	395.6	433.5	461.9	494.5
60°	394.6	383.9	372.9	361.7	355.4	349.0	367.9	386.9	424.7	447.0	469.9
62.5°	362.1	353.3	340.8	328.1	327.6	326.7	351.5	376.2	412.4	421.8	434.5
65°	*328.1*	*321.3*	*309.2*	*297.2*	*300.2*	*303.1*	*329.6*	*356.3*	*386.1*	*388.8*	*391.4*
67.5°	294.5	288.8	277.7	266.7	272.6	278.6	302.2	325.7	346.1	342.1	334.4
70°	264.6	259.7	250.6	241.6	245.4	249.2	263.2	277.1	287.1	288.2	276.7
72.5°	233.3	229.1	222.2	215.4	218.0	220.8	223.8	227.0	220.8	232.4	223.7
75°	195.5	192.3	187.1	181.8	183.7	185.8	187.4	189.1	185.1	180.4	169.9
77.5°	154.3	151.2	146.4	141.6	144.0	146.0	149.9	153.7	153.0	139.6	128.2
80°	111.9	110.7	107.2	103.7	105.5	107.1	111.9	116.6	117.3	98.4	86.6
82.5°	65.6	67.0	67.8	68.5	69.6	70.7	70.7	70.7	67.8	57.1	51.3
85°	27.5	28.0	30.3	32.3	34.1	35.7	35.6	35.3	33.5	27.7	23.9
87.5°	14.4	14.9	14.3	13.4	12.8	11.9	11.1	10.2	8.7	8.0	7.3
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: P1364937
CATALOG NUMBER: GSS-SB1C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	950.0	950.0	950.0	950.0	950.0	950.0	950.0
2.5°	974.1	982.7	991.1	999.6	1008.0	1017.2	1026.5
5°	995.9	1012.7	1029.4	1046.5	1063.7	1080.0	1096.5
7.5°	1013.0	1036.3	1059.6	1085.7	1111.8	1139.5	1167.1
10°	1022.9	1051.7	1080.4	1112.9	1145.3	1178.5	1211.6
12.5°	1031.3	1063.5	1095.7	1132.0	1168.3	1201.2	1234.2
15°	1035.3	1070.1	1104.8	1141.6	1178.5	1211.7	1245.1
17.5°	1028.0	1067.5	1107.1	1146.5	1185.8	1216.8	1248.0
20°	1017.1	1063.5	1110.0	1152.3	1194.5	1226.0	1257.5
22.5°	1003.7	1060.5	1117.3	1163.6	1210.1	1238.8	1267.7
25°	987.9	1060.2	1132.5	1183.2	1233.9	1258.8	1283.7
27.5°	971.2	1063.0	1154.8	1211.7	1268.8	1287.9	1307.0
30°	957.0	1068.9	1181.0	1245.5	1309.9	1324.8	1339.8
32.5°	942.0	1075.6	1209.4	1285.3	1361.2	1370.6	1379.9
35°	917.2	1074.0	1231.0	1327.6	1424.3	1436.0	1447.6
37.5°	886.6	1069.5	1252.4	1379.2	1505.9	1519.8	1533.6
40°	848.0	1059.3	1270.6	1438.2	1605.7	1633.1	1660.4
42.5°	799.2	1041.7	1284.0	1503.4	1722.6	1780.4	1838.1
45°	749.0	1029.6	1310.2	1592.0	1873.8	1966.4	2058.9
47.5°	700.6	1015.5	1330.3	1683.1	2035.9	2153.0	2270.2
50°	655.0	991.4	1327.7	1762.5	2197.3	2356.1	2515.0
52.5°	608.8	942.2	1275.7	1800.1	2324.4	2576.7	2829.0
55°	565.6	876.9	1187.8	1790.2	2392.6	2798.4	3204.2
57.5°	527.2	808.5	1089.9	1736.1	2382.4	2984.4	3586.7
60°	492.8	722.1	951.5	1606.6	2261.7	3067.8	3873.7
62.5°	447.3	612.6	777.8	1394.3	2010.8	2882.9	3755.0
65°	*394.1*	*481.4*	*568.6*	*1093.7*	*1618.8*	*2486.6*	*3354.3*
67.5°	326.7	368.1	409.4	851.1	1292.7	2135.5	2978.3
70°	265.2	279.8	294.3	652.2	1010.1	1814.2	2618.4
72.5°	214.9	215.1	215.4	490.3	765.3	1506.5	2247.6
75°	159.6	160.4	161.4	363.4	565.4	1202.8	1840.3
77.5°	116.9	116.3	115.4	234.9	354.4	789.2	1224.0
80°	74.6	74.0	73.1	129.8	186.5	452.4	718.4
82.5°	45.5	45.3	45.2	69.8	94.4	226.7	359.2
85°	20.1	19.1	18.2	22.1	26.2	53.9	81.6
87.5°	6.6	6.1	5.8	6.0	6.1	6.4	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

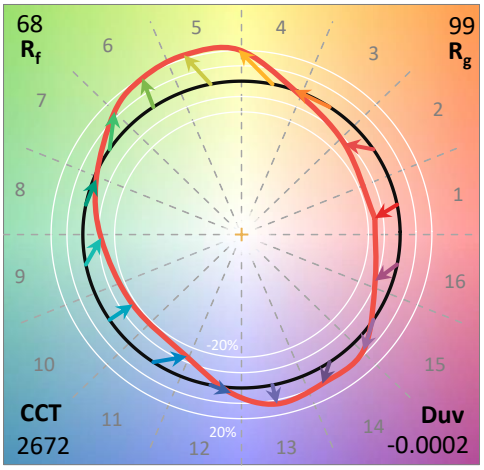
Test Information

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

Spectral Parameters

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

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



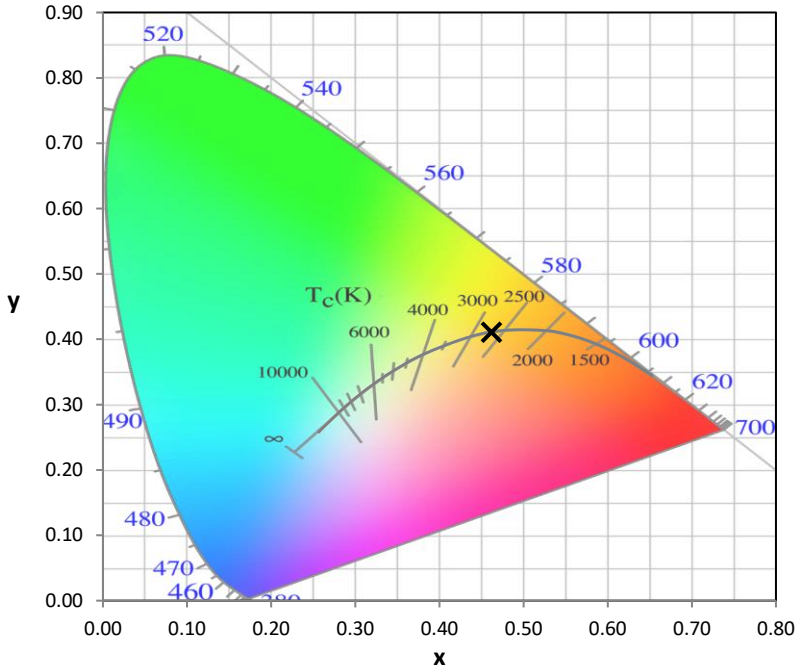
Test Conditions

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

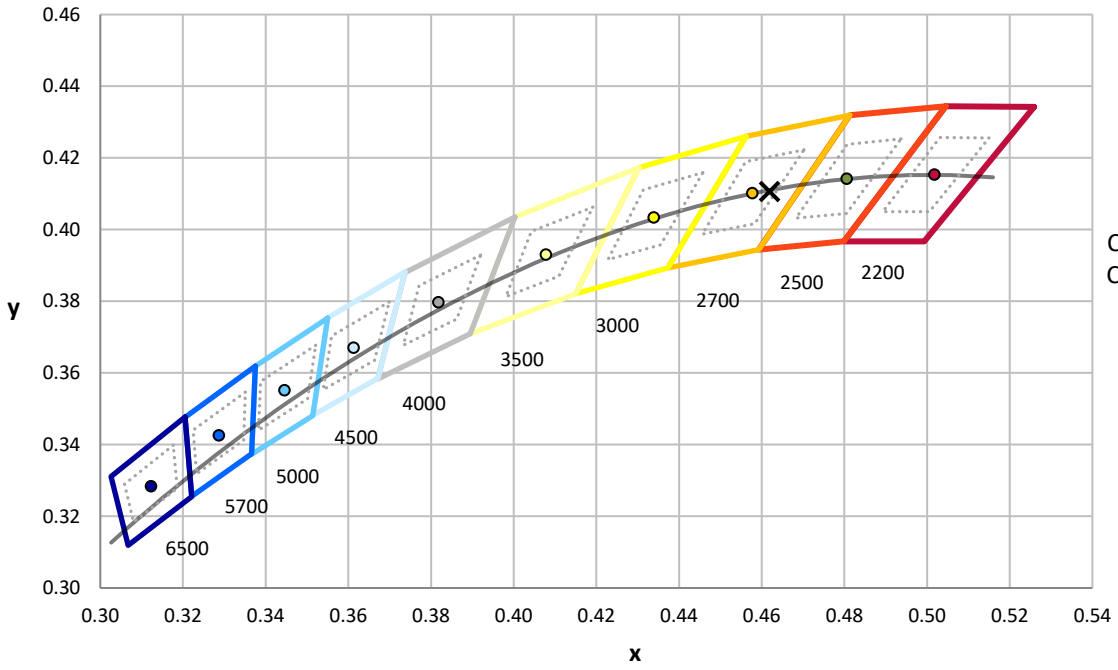
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

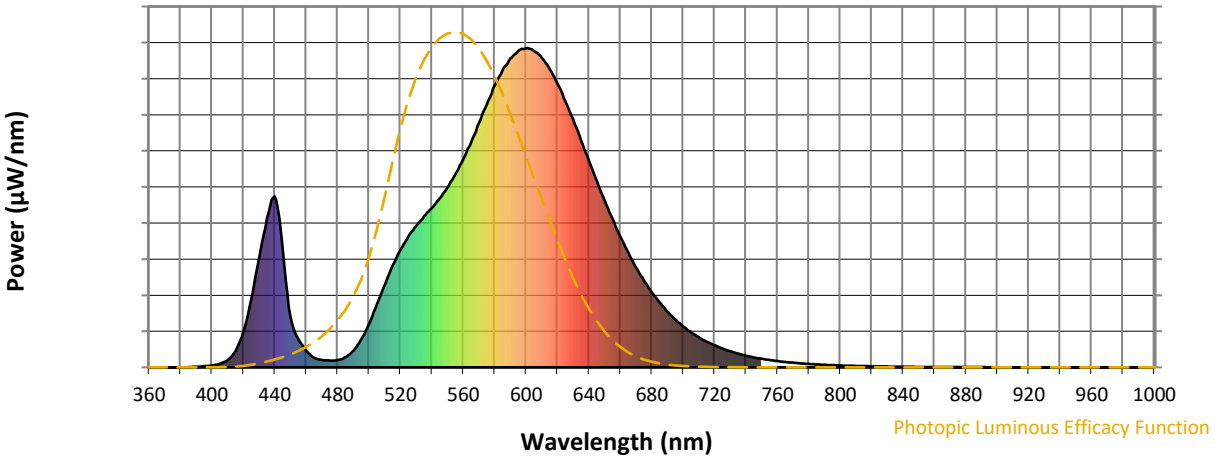


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

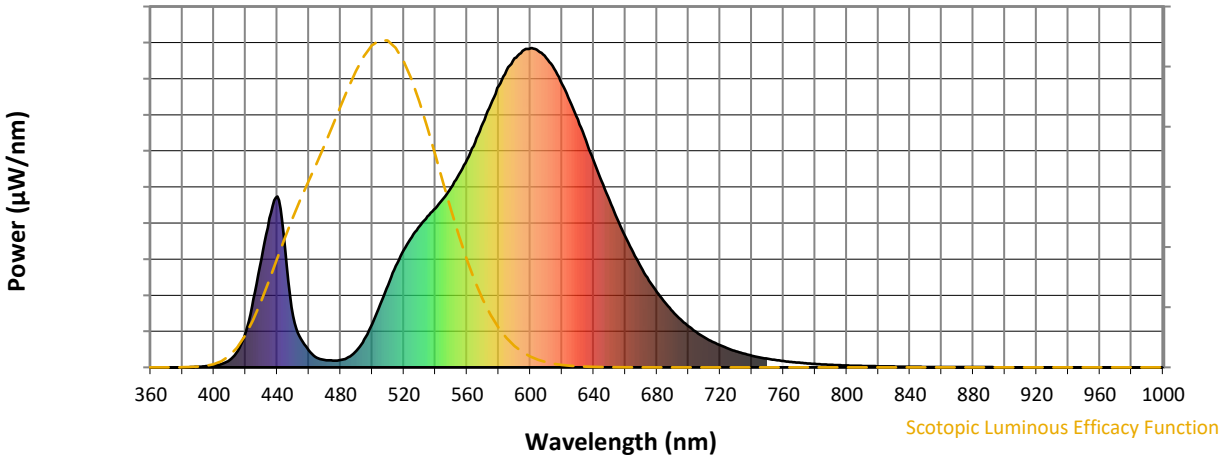


Photopic Lumens: NR

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

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Scotopic Flux vs. Wavelength

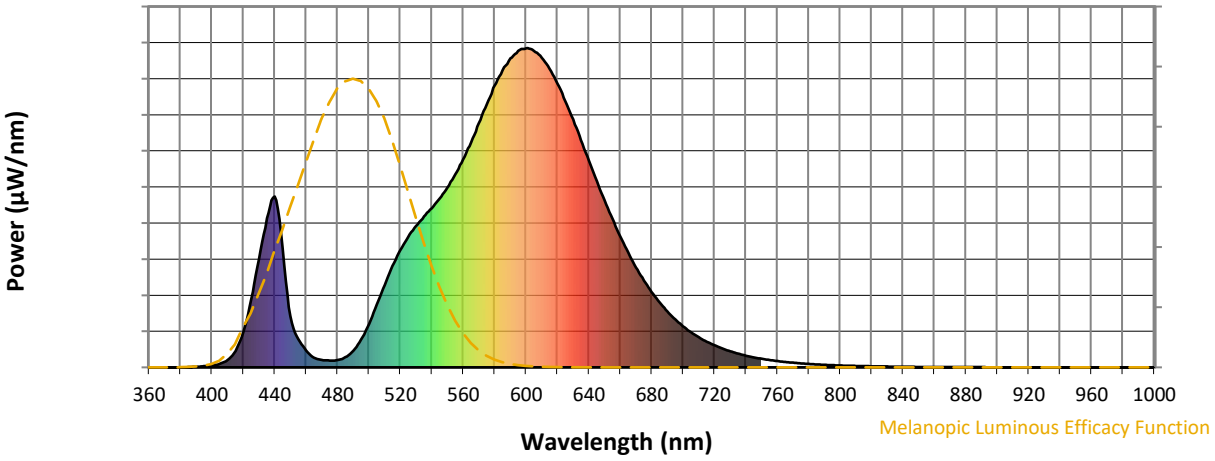


Scotopic Lumens: NR **S/P: 1.02**

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

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Melanopic Flux vs. Wavelength



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

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

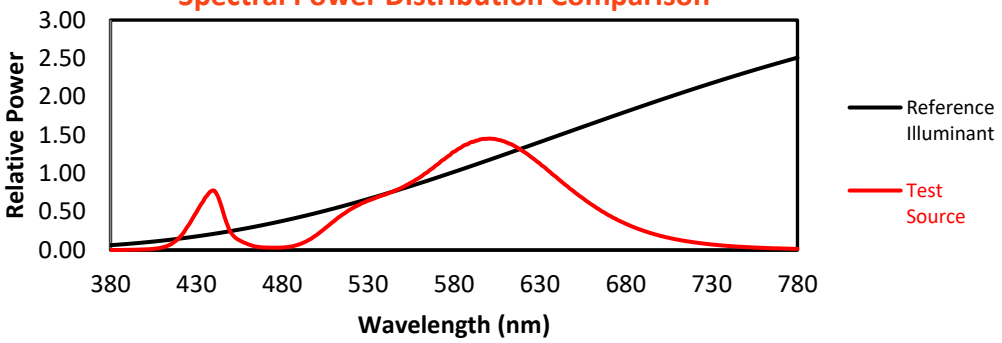
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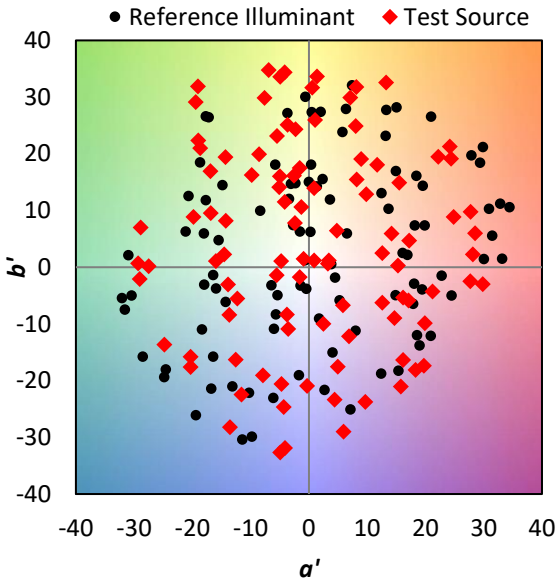
Summary

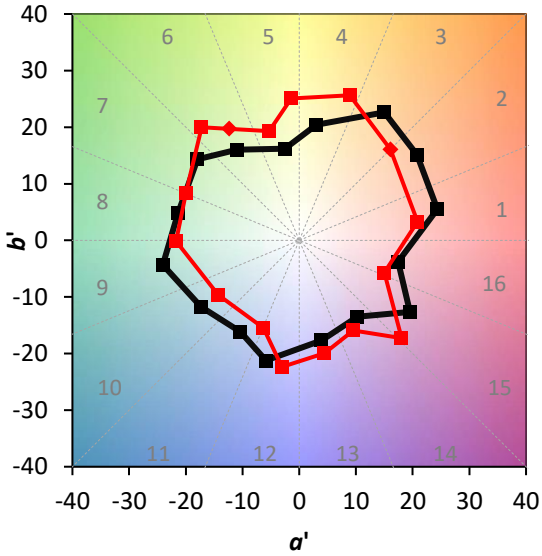
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

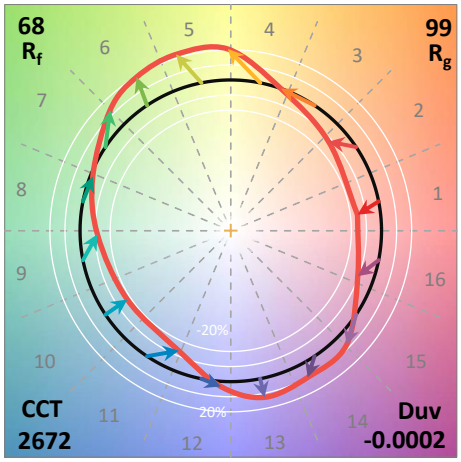
Spectral Power Distribution Comparison

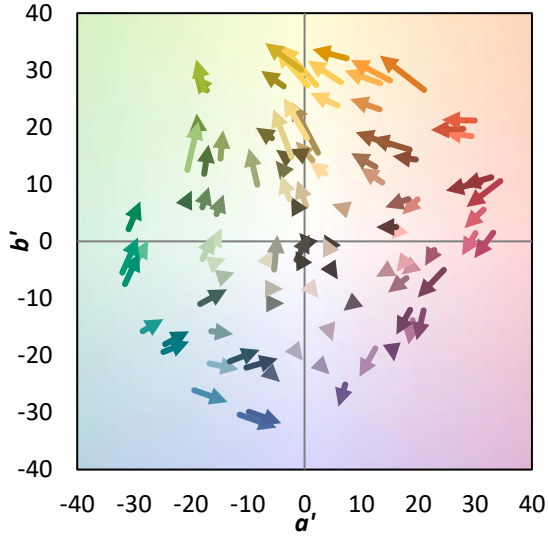


Color Vector Graphics







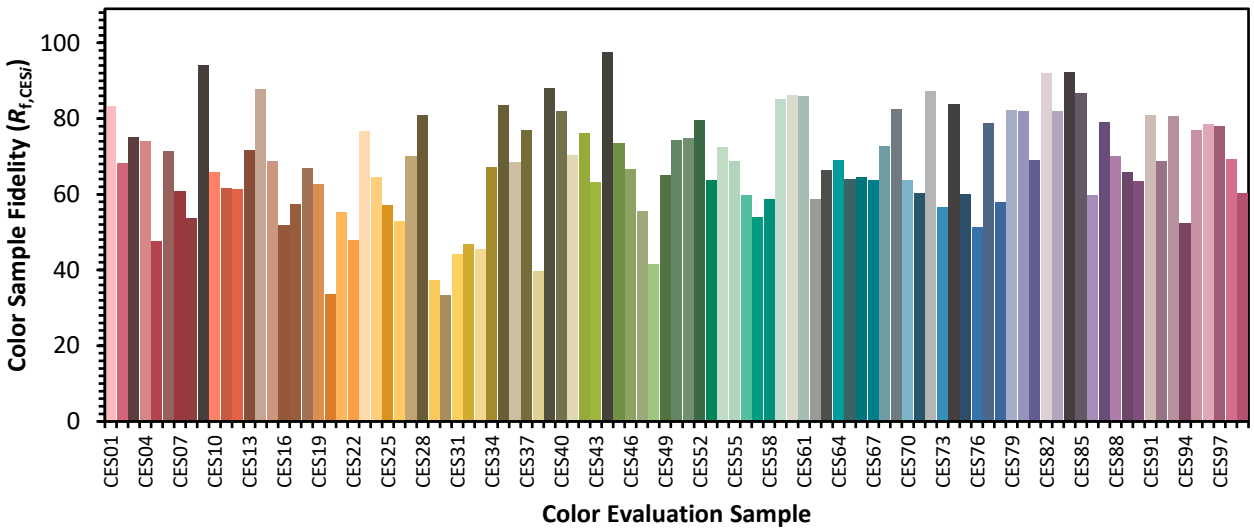


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Individual Sample Fidelity Index ($R_{f,i}$)

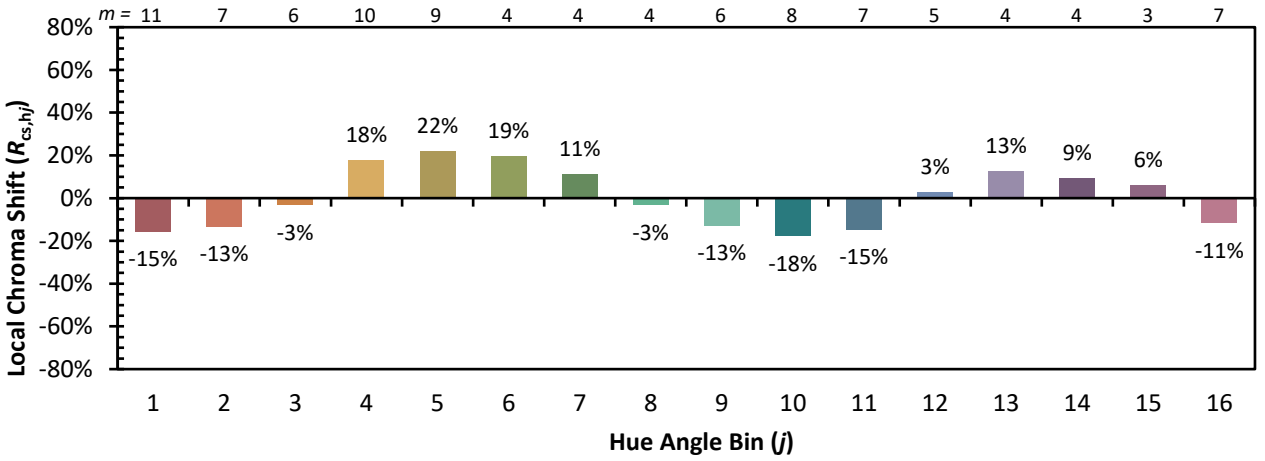
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

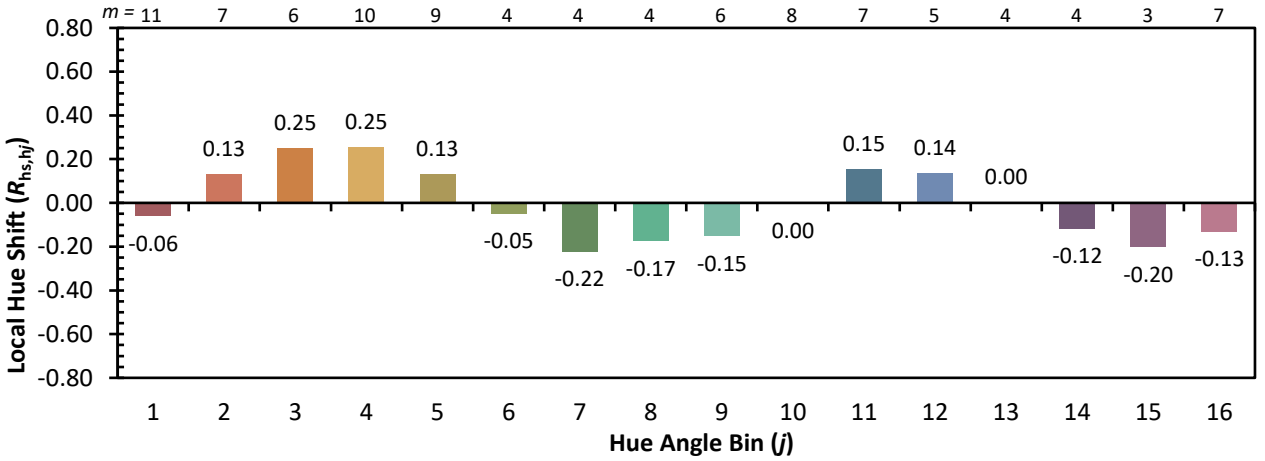


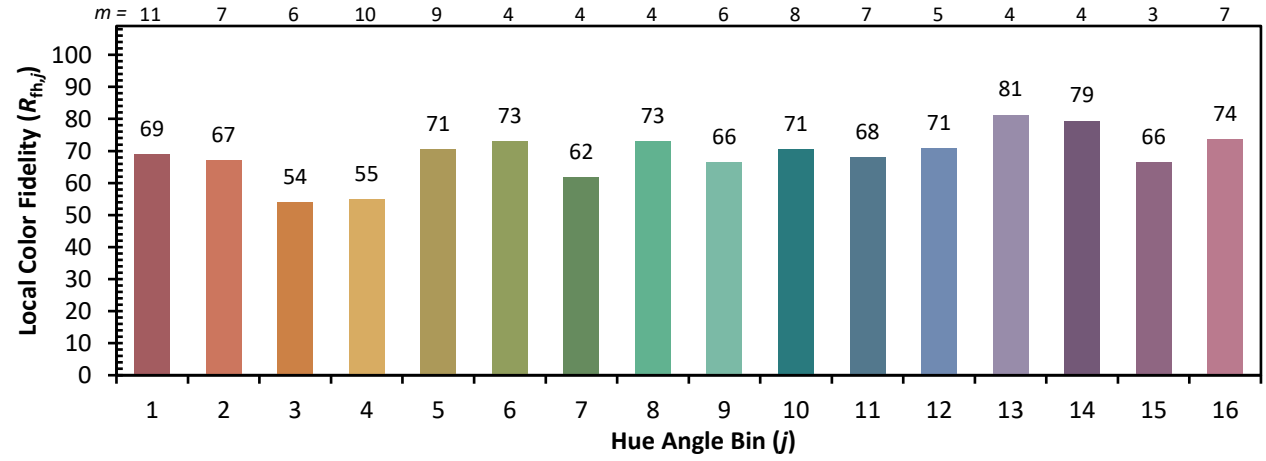
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Color Rendition by Hue-Angle Bin



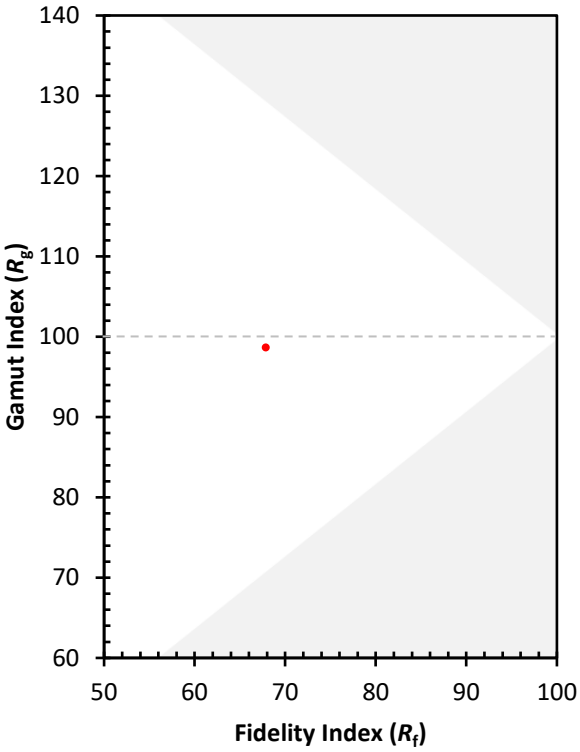


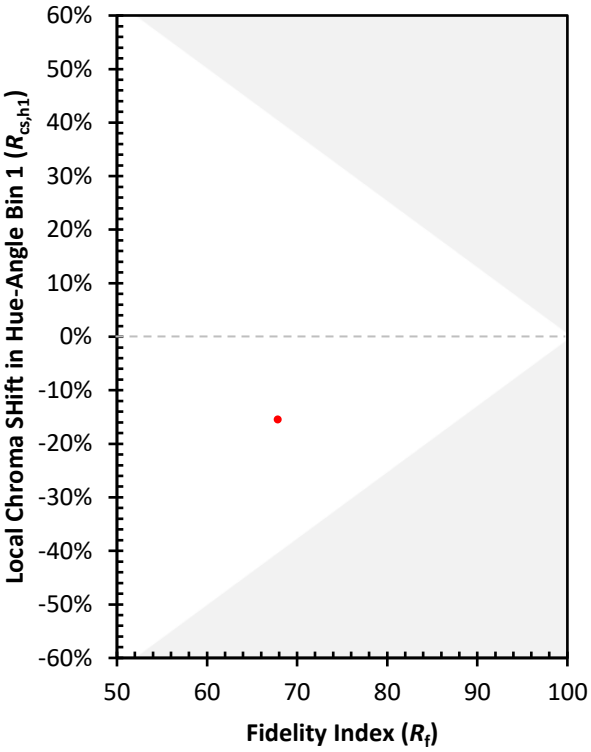


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Measure Comparisons





(END OF REPORT)