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: P1364147

Luminaire Tested: **GSS-SB2A-722-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364147
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-722-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(52) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6520.5 lumens
Efficiency:	N/A
Efficacy:	112.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

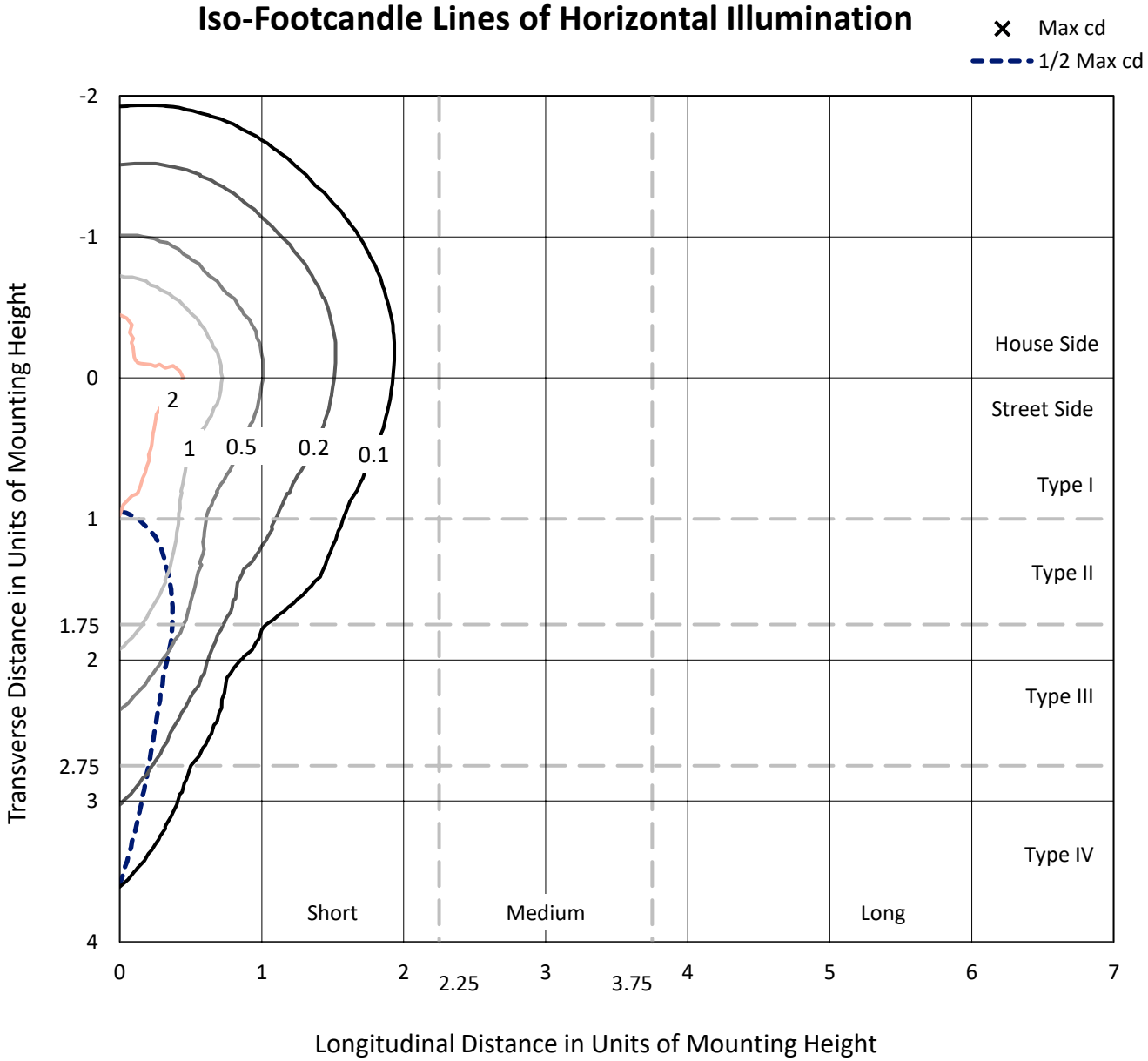
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



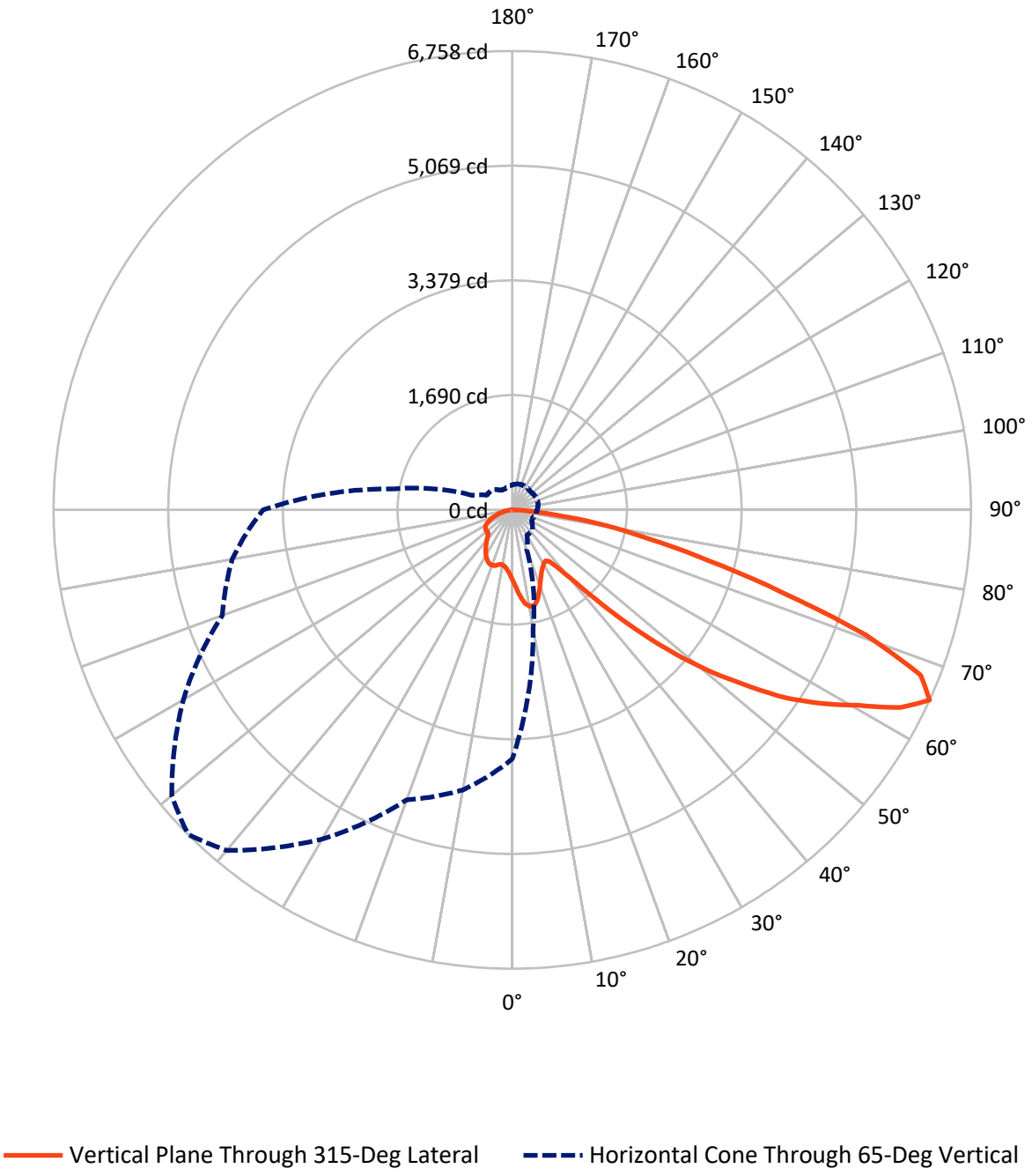
Based on 20 foot mounting height. Maximum calculated value = 3.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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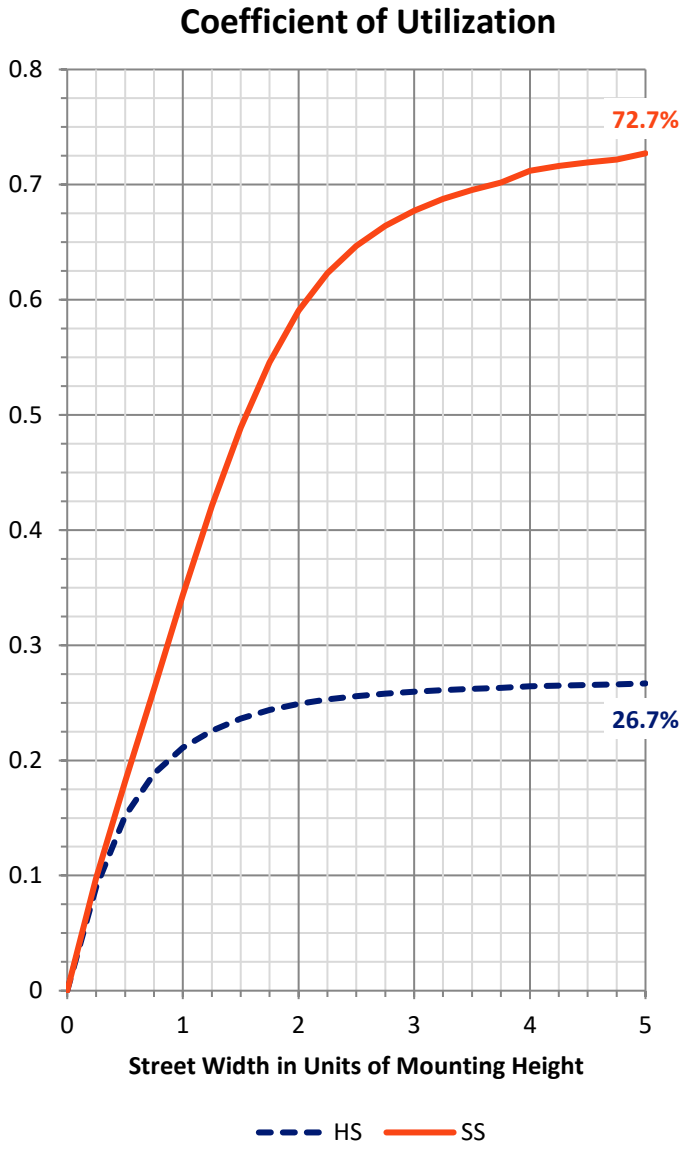
REPORT NUMBER: P1364147
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1754.2	0.0	1754.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4766.3	0.0	4766.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	6520.5	0.0	6520.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.7	1.6
10°-20°	314.6	4.8
20°-30°	486.9	7.5
30°-40°	604.1	9.3
40°-50°	883.4	13.5
50°-60°	1383.7	21.2
60°-70°	1641.8	25.2
70°-80°	957.6	14.7
80°-90°	145.7	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6520.5	100.0
0°-180°	6520.5	100.0



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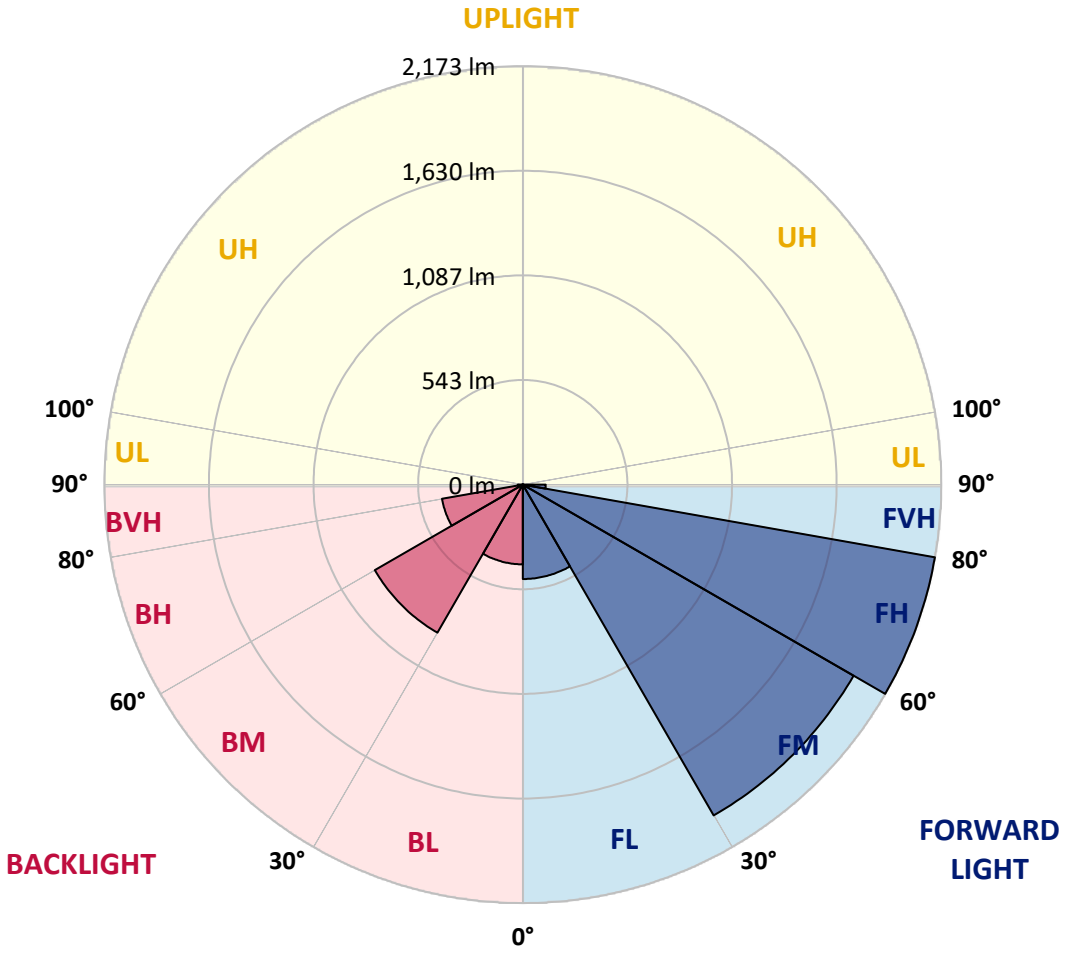
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	490.1	7.5			
FM	(30°-60°)	1983.7	30.4			
FH	(60°-80°)	2173.4	33.3			G2/5000
FVH	(80°-90°)	119.1	1.8			G2/225
BL	(0°-30°)	414.1	6.4	B1/500		
BM	(30°-60°)	887.5	13.6	B1/1000		
BH	(60°-80°)	426.0	6.5	B1/500		G1/500
BVH	(80°-90°)	26.5	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°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	1123.4	1113.2	1103.2	1093.9	1084.7	1075.4	1066.0	1057.1	1048.0	1038.9	1030.9
5°	1200.0	1181.9	1164.1	1145.3	1126.6	1108.3	1089.9	1072.6	1055.3	1037.3	1021.8
7.5°	1277.3	1247.0	1216.7	1188.2	1159.6	1134.1	1108.6	1085.8	1062.8	1038.9	1020.2
10°	1325.9	1289.7	1253.4	1218.0	1182.4	1151.0	1119.4	1093.1	1066.8	1041.3	1021.4
12.5°	1350.7	1314.6	1278.6	1238.9	1199.2	1163.9	1128.7	1099.7	1070.8	1042.9	1023.4
15°	1362.6	1326.1	1289.7	1249.4	1209.1	1171.1	1133.0	1100.3	1067.6	1036.5	1019.3
17.5°	1365.8	1331.7	1297.7	1254.7	1211.6	1168.2	1125.0	1086.9	1049.0	1012.6	997.9
20°	1376.2	1341.7	1307.3	1261.0	1214.8	1163.9	1113.1	1063.0	1012.9	964.8	955.5
22.5°	1387.3	1355.8	1324.3	1273.5	1222.8	1160.6	1098.4	1035.6	972.7	915.3	906.6
25°	1404.9	1377.6	1350.3	1294.8	1239.4	1160.3	1081.2	1002.9	924.6	858.7	857.9
27.5°	1430.4	1409.5	1388.6	1326.1	1263.7	1163.3	1062.8	969.4	875.8	808.5	812.5
30°	1466.3	1449.8	1433.6	1363.1	1292.5	1169.8	1047.4	940.2	833.2	767.8	772.1
32.5°	1510.1	1499.9	1489.7	1406.6	1323.5	1177.2	1030.9	914.7	798.6	738.3	738.3
35°	1584.3	1571.5	1558.8	1452.9	1347.1	1175.4	1003.8	885.7	767.3	720.8	710.9
37.5°	1678.4	1663.2	1648.1	1509.3	1370.6	1170.5	970.3	853.4	736.7	700.0	681.2
40°	1817.1	1787.3	1757.3	1573.9	1390.5	1159.3	928.1	815.0	702.0	672.9	649.3
42.5°	2011.6	1948.5	1885.2	1645.3	1405.2	1140.0	874.7	769.3	663.7	643.4	614.3
45°	2253.2	2152.0	2050.7	1742.3	1433.9	1126.8	819.6	722.7	625.9	607.6	578.5
47.5°	2484.4	2356.2	2228.0	1842.0	1455.9	1111.3	766.7	676.4	586.5	565.3	538.2
50°	2752.3	2578.5	2404.7	1928.9	1453.0	1085.0	716.8	635.3	553.7	524.6	497.8
52.5°	3096.0	2820.0	2543.8	1970.0	1396.1	1031.1	666.2	598.3	530.7	493.5	464.8
55°	3506.6	3062.5	2618.4	1959.2	1299.9	959.7	619.0	567.4	515.4	478.4	444.6
57.5°	3925.2	3266.1	2607.2	1900.0	1192.8	884.9	576.9	541.2	505.5	474.4	432.9
60°	4239.3	3357.3	2475.2	1758.2	1041.3	790.3	539.3	514.3	489.2	464.8	423.4
62.5°	4109.4	3155.0	2200.6	1525.9	851.2	670.4	489.6	475.5	461.6	451.3	411.7
65°	*3670.9*	*2721.2*	*1771.6*	*1196.9*	*622.2*	*526.9*	*431.3*	*428.3*	*425.4*	*422.6*	*389.9*
67.5°	3259.4	2337.1	1414.8	931.4	448.1	402.8	357.5	366.0	374.4	378.7	356.4
70°	2865.6	1985.5	1105.4	713.8	322.1	306.2	290.2	302.8	315.4	314.1	303.3
72.5°	2459.7	1648.7	837.5	536.6	235.7	235.4	235.2	244.8	254.3	241.6	248.4
75°	2014.0	1316.4	618.7	397.7	176.7	175.6	174.6	185.9	197.4	202.5	207.0
77.5°	1339.5	863.7	387.8	257.1	126.3	127.3	127.9	140.3	152.8	167.4	168.2
80°	786.2	495.1	204.1	142.1	80.1	81.0	81.6	94.7	107.6	128.4	127.6
82.5°	393.1	248.1	103.3	76.4	49.4	49.6	49.8	56.1	62.5	74.2	77.3
85°	89.3	59.0	28.7	24.2	19.9	20.9	22.0	26.2	30.3	36.7	38.6
87.5°	7.2	7.0	6.7	6.5	6.4	6.7	7.2	8.0	8.8	9.6	11.2
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	1022.3	1013.9	1007.2	1000.6	994.9	989.0	982.1	975.1	970.2	965.1	961.7
5°	1006.5	991.5	979.1	966.7	956.5	945.9	936.7	927.3	919.9	912.5	906.4
7.5°	1001.6	983.1	967.0	950.7	937.0	923.3	911.8	900.2	889.2	878.3	871.3
10°	1001.8	982.3	965.7	949.1	934.6	920.1	905.0	889.8	877.7	865.6	855.0
12.5°	1007.2	991.1	979.4	967.9	954.5	941.2	923.1	905.0	888.5	872.3	859.3
15°	1008.8	998.2	997.3	996.3	991.7	987.1	970.3	953.6	930.9	908.1	889.6
17.5°	996.5	995.1	1010.8	1026.6	1035.7	1044.8	1033.2	1021.4	989.5	957.6	930.0
20°	964.6	973.5	1004.5	1035.2	1059.8	1084.4	1083.1	1082.0	1040.3	998.6	962.4
22.5°	919.9	933.2	973.5	1013.9	1049.3	1084.7	1093.8	1102.7	1061.9	1020.9	976.2
25°	872.4	886.9	924.3	961.6	999.7	1037.8	1054.7	1071.6	1037.9	1004.3	960.9
27.5°	826.3	840.4	868.1	895.9	926.5	957.1	976.1	995.1	974.5	953.9	918.8
30°	783.0	793.8	813.9	834.0	854.7	875.5	890.6	905.8	892.2	878.6	853.4
32.5°	742.9	747.6	760.6	773.7	789.2	804.5	812.9	821.2	810.7	800.2	783.6
35°	707.1	703.2	711.8	720.5	732.9	745.5	751.9	758.2	749.5	740.7	725.9
37.5°	671.0	660.5	664.6	668.5	679.2	689.7	698.8	708.0	701.6	695.3	682.7
40°	634.0	618.7	618.4	617.9	628.1	638.2	649.7	661.0	659.9	658.6	646.6
42.5°	594.8	575.3	573.3	571.2	581.2	591.3	603.4	615.5	617.9	620.3	610.4
45°	558.4	538.7	535.5	532.3	540.9	549.8	563.1	576.5	582.0	587.6	578.7
47.5°	521.1	503.9	502.0	499.9	509.0	518.3	532.9	547.8	553.7	559.7	553.7
50°	483.8	469.6	472.0	474.4	484.5	494.3	505.8	517.5	528.5	539.3	538.2
52.5°	454.3	443.6	451.1	458.5	467.5	476.8	488.8	500.7	512.2	523.8	525.6
55°	432.8	421.0	431.5	442.0	453.0	464.0	475.2	486.4	497.2	507.9	510.3
57.5°	416.4	399.9	410.5	421.0	432.9	444.9	456.1	467.2	479.8	492.4	494.3
60°	402.6	381.9	388.9	395.8	408.1	420.2	431.8	443.3	456.1	468.8	471.4
62.5°	384.6	357.5	358.5	359.1	373.0	386.7	396.3	405.8	418.0	430.2	433.9
65°	*360.7*	*331.7*	*328.5*	*325.3*	*338.4*	*351.6*	*359.1*	*366.8*	*377.3*	*387.8*	*391.5*
67.5°	330.7	304.9	298.4	291.8	303.9	316.1	322.3	328.5	335.7	342.8	347.0
70°	288.0	272.7	268.5	264.4	274.3	284.2	289.6	295.0	300.7	306.5	308.7
72.5°	244.9	241.6	238.6	235.7	243.2	250.7	255.3	259.9	265.3	270.8	272.0
75°	205.1	203.3	201.1	199.0	204.8	210.5	214.0	217.7	223.2	228.8	231.2
77.5°	164.1	159.8	157.6	155.0	160.3	165.5	168.9	172.2	176.8	181.5	182.1
80°	122.5	117.2	115.5	113.5	117.4	121.2	122.5	123.6	127.4	131.1	131.1
82.5°	77.3	77.3	76.2	74.9	74.2	73.4	71.8	70.2	74.0	77.8	79.1
85°	38.9	39.1	37.3	35.4	33.2	30.6	30.1	29.5	29.3	29.0	30.1
87.5°	12.1	13.1	14.0	14.7	15.6	16.3	15.8	15.1	14.5	14.0	12.8
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	958.4	956.8	955.2	953.9	952.8	952.0	952.8	953.9	955.2	956.8	958.4
5°	900.2	897.6	894.9	893.2	891.4	889.8	891.4	893.2	894.9	897.6	900.2
7.5°	864.3	860.1	856.0	853.0	849.9	848.3	849.9	853.0	856.0	860.1	864.3
10°	844.8	838.9	833.2	830.0	826.8	824.4	826.8	830.0	833.2	838.9	844.8
12.5°	846.4	839.1	832.1	827.3	822.5	819.6	822.5	827.3	832.1	839.1	846.4
15°	871.0	860.8	850.3	844.4	838.5	834.0	838.5	844.4	850.3	860.8	871.0
17.5°	902.6	887.6	872.6	867.3	861.9	859.5	861.9	867.3	872.6	887.6	902.6
20°	926.2	906.1	886.3	878.3	870.4	867.5	870.4	878.3	886.3	906.1	926.2
22.5°	931.6	908.0	884.2	876.7	869.1	865.9	869.1	876.7	884.2	908.0	931.6
25°	917.7	892.8	867.8	860.1	852.3	849.9	852.3	860.1	867.8	892.8	917.7
27.5°	883.7	861.7	839.6	831.4	823.2	818.0	823.2	831.4	839.6	861.7	883.7
30°	828.4	812.0	795.7	790.6	785.4	783.0	785.4	790.6	795.7	812.0	828.4
32.5°	767.0	756.8	746.6	743.3	739.9	738.3	739.9	743.3	746.6	756.8	767.0
35°	711.2	703.9	696.5	693.8	691.3	688.9	691.3	693.8	696.5	703.9	711.2
37.5°	670.1	661.5	652.5	647.7	643.0	639.4	643.0	647.7	652.5	661.5	670.1
40°	634.7	622.2	609.9	603.4	596.7	593.2	596.7	603.4	609.9	622.2	634.7
42.5°	600.4	586.0	571.7	561.6	551.7	545.4	551.7	561.6	571.7	586.0	600.4
45°	569.6	553.5	537.4	525.4	513.5	505.5	513.5	525.4	537.4	553.5	569.6
47.5°	547.8	533.9	519.9	509.3	498.8	491.1	498.8	509.3	519.9	533.9	547.8
50°	537.1	526.1	515.1	505.2	495.1	488.0	495.1	505.2	515.1	526.1	537.1
52.5°	527.5	519.5	511.6	502.9	494.3	488.0	494.3	502.9	511.6	519.5	527.5
55°	512.7	506.9	501.0	494.7	488.3	483.2	488.3	494.7	501.0	506.9	512.7
57.5°	496.3	490.2	484.0	479.2	474.4	472.0	474.4	479.2	484.0	490.2	496.3
60°	473.9	469.1	464.4	459.9	455.3	451.3	455.3	459.9	464.4	469.1	473.9
62.5°	437.7	435.5	433.4	428.3	423.4	417.8	423.4	428.3	433.4	435.5	437.7
65°	*395.2*	*394.0*	*393.1*	*389.4*	*385.9*	*379.5*	*385.9*	*389.4*	*393.1*	*394.0*	*395.2*
67.5°	351.1	349.1	346.8	343.0	339.3	338.1	339.3	343.0	346.8	349.1	351.1
70°	311.0	307.8	304.6	296.0	287.4	277.5	287.4	296.0	304.6	307.8	311.0
72.5°	273.5	268.5	263.4	253.4	243.2	232.8	243.2	253.4	263.4	268.5	273.5
75°	233.6	226.6	219.7	209.1	198.5	191.4	198.5	209.1	219.7	226.6	233.6
77.5°	183.1	177.0	170.9	164.6	158.2	154.7	158.2	164.6	170.9	177.0	183.1
80°	131.1	126.6	122.0	118.8	115.6	113.2	115.6	118.8	122.0	126.6	131.1
82.5°	80.5	78.5	76.5	73.0	69.4	67.0	69.4	73.0	76.5	78.5	80.5
85°	31.1	30.6	30.3	29.0	27.9	27.1	27.9	29.0	30.3	30.6	31.1
87.5°	11.5	10.5	9.6	8.9	8.3	8.0	8.3	8.9	9.6	10.5	11.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report

REPORT NUMBER: P1364147
CATALOG NUMBER: GSS-SB2A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	961.7	965.1	970.2	975.1	982.1	989.0	994.9	1000.6	1007.2	1013.9	1022.3
5°	906.4	912.5	919.9	927.3	936.7	945.9	956.5	966.7	979.1	991.5	1006.5
7.5°	871.3	878.3	889.2	900.2	911.8	923.3	937.0	950.7	967.0	983.1	1001.6
10°	855.0	865.6	877.7	889.8	905.0	920.1	934.6	949.1	965.7	982.3	1001.8
12.5°	859.3	872.3	888.5	905.0	923.1	941.2	954.5	967.9	979.4	991.1	1007.2
15°	889.6	908.1	930.9	953.6	970.3	987.1	991.7	996.3	997.3	998.2	1008.8
17.5°	930.0	957.6	989.5	1021.4	1033.2	1044.8	1035.7	1026.6	1010.8	995.1	996.5
20°	962.4	998.6	1040.3	1082.0	1083.1	1084.4	1059.8	1035.2	1004.5	973.5	964.6
22.5°	976.2	1020.9	1061.9	1102.7	1093.8	1084.7	1049.3	1013.9	973.5	933.2	919.9
25°	960.9	1004.3	1037.9	1071.6	1054.7	1037.8	999.7	961.6	924.3	886.9	872.4
27.5°	918.8	953.9	974.5	995.1	976.1	957.1	926.5	895.9	868.1	840.4	826.3
30°	853.4	878.6	892.2	905.8	890.6	875.5	854.7	834.0	813.9	793.8	783.0
32.5°	783.6	800.2	810.7	821.2	812.9	804.5	789.2	773.7	760.6	747.6	742.9
35°	725.9	740.7	749.5	758.2	751.9	745.5	732.9	720.5	711.8	703.2	707.1
37.5°	682.7	695.3	701.6	708.0	698.8	689.7	679.2	668.5	664.6	660.5	671.0
40°	646.6	658.6	659.9	661.0	649.7	638.2	628.1	617.9	618.4	618.7	634.0
42.5°	610.4	620.3	617.9	615.5	603.4	591.3	581.2	571.2	573.3	575.3	594.8
45°	578.7	587.6	582.0	576.5	563.1	549.8	540.9	532.3	535.5	538.7	558.4
47.5°	553.7	559.7	553.7	547.8	532.9	518.3	509.0	499.9	502.0	503.9	521.1
50°	538.2	539.3	528.5	517.5	505.8	494.3	484.5	474.4	472.0	469.6	483.8
52.5°	525.6	523.8	512.2	500.7	488.8	476.8	467.5	458.5	451.1	443.6	454.3
55°	510.3	507.9	497.2	486.4	475.2	464.0	453.0	442.0	431.5	421.0	432.8
57.5°	494.3	492.4	479.8	467.2	456.1	444.9	432.9	421.0	410.5	399.9	416.4
60°	471.4	468.8	456.1	443.3	431.8	420.2	408.1	395.8	388.9	381.9	402.6
62.5°	433.9	430.2	418.0	405.8	396.3	386.7	373.0	359.1	358.5	357.5	384.6
65°	*391.5*	*387.8*	*377.3*	*366.8*	*359.1*	*351.6*	*338.4*	*325.3*	*328.5*	*331.7*	*360.7*
67.5°	347.0	342.8	335.7	328.5	322.3	316.1	303.9	291.8	298.4	304.9	330.7
70°	308.7	306.5	300.7	295.0	289.6	284.2	274.3	264.4	268.5	272.7	288.0
72.5°	272.0	270.8	265.3	259.9	255.3	250.7	243.2	235.7	238.6	241.6	244.9
75°	231.2	228.8	223.2	217.7	214.0	210.5	204.8	199.0	201.1	203.3	205.1
77.5°	182.1	181.5	176.8	172.2	168.9	165.5	160.3	155.0	157.6	159.8	164.1
80°	131.1	131.1	127.4	123.6	122.5	121.2	117.4	113.5	115.5	117.2	122.5
82.5°	79.1	77.8	74.0	70.2	71.8	73.4	74.2	74.9	76.2	77.3	77.3
85°	30.1	29.0	29.3	29.5	30.1	30.6	33.2	35.4	37.3	39.1	38.9
87.5°	12.8	14.0	14.5	15.1	15.8	16.3	15.6	14.7	14.0	13.1	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	1030.9	1038.9	1048.0	1057.1	1066.0	1075.4	1084.7	1093.9	1103.2	1113.2	1123.4
5°	1021.8	1037.3	1055.3	1072.6	1089.9	1108.3	1126.6	1145.3	1164.1	1181.9	1200.0
7.5°	1020.2	1038.9	1062.8	1085.8	1108.6	1134.1	1159.6	1188.2	1216.7	1247.0	1277.3
10°	1021.4	1041.3	1066.8	1093.1	1119.4	1151.0	1182.4	1218.0	1253.4	1289.7	1325.9
12.5°	1023.4	1042.9	1070.8	1099.7	1128.7	1163.9	1199.2	1238.9	1278.6	1314.6	1350.7
15°	1019.3	1036.5	1067.6	1100.3	1133.0	1171.1	1209.1	1249.4	1289.7	1326.1	1362.6
17.5°	997.9	1012.6	1049.0	1086.9	1125.0	1168.2	1211.6	1254.7	1297.7	1331.7	1365.8
20°	955.5	964.8	1012.9	1063.0	1113.1	1163.9	1214.8	1261.0	1307.3	1341.7	1376.2
22.5°	906.6	915.3	972.7	1035.6	1098.4	1160.6	1222.8	1273.5	1324.3	1355.8	1387.3
25°	857.9	858.7	924.6	1002.9	1081.2	1160.3	1239.4	1294.8	1350.3	1377.6	1404.9
27.5°	812.5	808.5	875.8	969.4	1062.8	1163.3	1263.7	1326.1	1388.6	1409.5	1430.4
30°	772.1	767.8	833.2	940.2	1047.4	1169.8	1292.5	1363.1	1433.6	1449.8	1466.3
32.5°	738.3	738.3	798.6	914.7	1030.9	1177.2	1323.5	1406.6	1489.7	1499.9	1510.1
35°	710.9	720.8	767.3	885.7	1003.8	1175.4	1347.1	1452.9	1558.8	1571.5	1584.3
37.5°	681.2	700.0	736.7	853.4	970.3	1170.5	1370.6	1509.3	1648.1	1663.2	1678.4
40°	649.3	672.9	702.0	815.0	928.1	1159.3	1390.5	1573.9	1757.3	1787.3	1817.1
42.5°	614.3	643.4	663.7	769.3	874.7	1140.0	1405.2	1645.3	1885.2	1948.5	2011.6
45°	578.5	607.6	625.9	722.7	819.6	1126.8	1433.9	1742.3	2050.7	2152.0	2253.2
47.5°	538.2	565.3	586.5	676.4	766.7	1111.3	1455.9	1842.0	2228.0	2356.2	2484.4
50°	497.8	524.6	553.7	635.3	716.8	1085.0	1453.0	1928.9	2404.7	2578.5	2752.3
52.5°	464.8	493.5	530.7	598.3	666.2	1031.1	1396.1	1970.0	2543.8	2820.0	3096.0
55°	444.6	478.4	515.4	567.4	619.0	959.7	1299.9	1959.2	2618.4	3062.5	3506.6
57.5°	432.9	474.4	505.5	541.2	576.9	884.9	1192.8	1900.0	2607.2	3266.1	3925.2
60°	423.4	464.8	489.2	514.3	539.3	790.3	1041.3	1758.2	2475.2	3357.3	4239.3
62.5°	411.7	451.3	461.6	475.5	489.6	670.4	851.2	1525.9	2200.6	3155.0	4109.4
65°	*389.9*	*422.6*	*425.4*	*428.3*	*431.3*	*526.9*	*622.2*	*1196.9*	*1771.6*	*2721.2*	*3670.9*
67.5°	356.4	378.7	374.4	366.0	357.5	402.8	448.1	931.4	1414.8	2337.1	3259.4
70°	303.3	314.1	315.4	302.8	290.2	306.2	322.1	713.8	1105.4	1985.5	2865.6
72.5°	248.4	241.6	254.3	244.8	235.2	235.4	235.7	536.6	837.5	1648.7	2459.7
75°	207.0	202.5	197.4	185.9	174.6	175.6	176.7	397.7	618.7	1316.4	2014.0
77.5°	168.2	167.4	152.8	140.3	127.9	127.3	126.3	257.1	387.8	863.7	1339.5
80°	127.6	128.4	107.6	94.7	81.6	81.0	80.1	142.1	204.1	495.1	786.2
82.5°	77.3	74.2	62.5	56.1	49.8	49.6	49.4	76.4	103.3	248.1	393.1
85°	38.6	36.7	30.3	26.2	22.0	20.9	19.9	24.2	28.7	59.0	89.3
87.5°	11.2	9.6	8.8	8.0	7.2	6.7	6.4	6.5	6.7	7.0	7.2
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	*1039.7*	1039.7	1039.7
2.5°	1127.4	1131.4	1135.7	1140.2	1142.7	1145.3	1148.0	1150.5	*1152.9*	1150.5	1148.0
5°	1218.0	1235.8	1248.0	1260.1	1269.3	1278.6	1283.8	1289.3	*1290.1*	1289.3	1283.8
7.5°	1298.7	1320.0	1338.5	1357.0	1368.8	1380.6	1387.5	1394.5	*1396.9*	1394.5	1387.5
10°	1351.0	1376.2	1394.0	1412.1	1423.1	1433.9	1439.3	1444.7	*1446.3*	1444.7	1439.3
12.5°	1374.7	1398.8	1412.7	1426.4	1433.4	1440.3	1442.8	1445.1	*1443.1*	1445.1	1442.8
15°	1376.8	1390.8	1396.7	1402.5	1399.1	1395.6	1390.7	1385.7	*1382.5*	1385.7	1390.7
17.5°	1370.7	1375.9	1365.2	1354.6	1335.5	1316.4	1302.0	1287.7	*1277.3*	1287.7	1302.0
20°	1368.2	1360.2	1331.8	1303.6	1267.7	1231.9	1207.8	1183.5	*1168.9*	1183.5	1207.8
22.5°	1364.8	1342.4	1294.7	1247.0	1197.9	1148.9	1121.2	1093.6	*1078.0*	1093.6	1121.2
25°	1366.3	1327.5	1263.1	1198.8	1141.1	1083.6	1053.4	1023.4	*1006.2*	1023.4	1053.4
27.5°	1371.4	1312.4	1232.7	1152.9	1090.4	1027.7	999.0	970.3	*955.2*	970.3	999.0
30°	1388.0	1309.5	1214.2	1118.6	1053.3	987.9	959.8	931.6	*915.3*	931.6	959.8
32.5°	1411.3	1312.4	1205.5	1098.7	1032.0	965.6	938.6	911.8	*897.8*	911.8	938.6
35°	1459.1	1333.9	1215.4	1097.1	1035.2	973.5	953.8	934.1	*926.5*	934.1	953.8
37.5°	1532.1	1385.7	1263.7	1141.8	1099.7	1057.6	1057.6	1057.6	*1063.6*	1057.6	1057.6
40°	1652.8	1488.6	1373.1	1257.8	1255.3	1253.1	1279.9	1306.8	*1318.8*	1306.8	1279.9
42.5°	1838.0	1664.5	1571.4	1478.2	1534.0	1589.9	1667.4	1744.9	*1795.6*	1744.9	1667.4
45°	2084.2	1915.2	1850.1	1785.2	1909.4	2033.5	2170.5	2307.4	*2404.7*	2307.4	2170.5
47.5°	2342.2	2199.8	2162.6	2125.6	2332.2	2538.7	2739.4	2940.2	*3058.5*	2940.2	2739.4
50°	2624.5	2496.4	2489.2	2482.1	2757.1	3032.2	3291.3	3550.5	*3694.8*	3550.5	3291.3
52.5°	2955.5	2814.9	2820.6	2826.0	3152.8	3479.5	3792.8	4106.2	*4268.8*	4106.2	3792.8
55°	3330.4	3154.2	3153.2	3152.3	3527.7	3903.3	4288.3	4673.6	*4890.7*	4673.6	4288.3
57.5°	3760.2	3595.1	3555.9	3516.5	3909.1	4301.5	4726.7	5151.9	*5380.3*	5151.9	4726.7
60°	4148.4	4057.6	3994.7	3932.1	4335.2	4738.5	5177.6	5616.6	*5844.3*	5616.6	5177.6
62.5°	4271.9	4434.4	4429.7	4425.1	4860.3	5295.5	5752.2	6209.2	*6413.6*	6209.2	5752.2
65°	*3930.0*	*4189.1*	*4367.4*	*4545.5*	*5071.6*	*5597.5*	*6073.3*	*6549.2*	*6758.1*	*6549.2*	*6073.3*
67.5°	3487.8	3716.3	3862.2	4008.1	4600.8	5193.7	5733.7	6273.6	*6488.6*	6273.6	5733.7
70°	3118.5	3371.4	3475.7	3580.0	4083.5	4587.0	5014.2	5441.2	*5525.4*	5441.2	5014.2
72.5°	2760.5	3061.4	3105.6	3149.7	3516.2	3882.6	4110.2	4337.7	*4154.0*	4337.7	4110.2
75°	2353.4	2692.5	2722.0	2751.5	2865.7	2980.1	3037.9	3096.0	*2991.5*	3096.0	3037.9
77.5°	1633.2	1927.1	1993.3	2059.5	2135.5	2211.8	2207.8	2203.8	*2057.1*	2203.8	2207.8
80°	1015.9	1245.7	1254.3	1263.0	1320.0	1377.0	1435.2	1493.4	*1400.1*	1493.4	1435.2
82.5°	519.2	645.5	665.0	684.4	719.3	754.3	770.5	787.0	*708.0*	787.0	770.5
85°	122.1	155.0	186.7	218.5	255.1	291.8	287.7	283.5	*239.2*	283.5	287.7
87.5°	7.3	7.7	7.8	8.0	8.1	8.3	8.8	9.2	*9.6*	9.2	8.8
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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REPORT NUMBER: P1364147
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7	1039.7
2.5°	1145.3	1142.7	1140.2	1135.7	1131.4	1127.4	1123.4
5°	1278.6	1269.3	1260.1	1248.0	1235.8	1218.0	1200.0
7.5°	1380.6	1368.8	1357.0	1338.5	1320.0	1298.7	1277.3
10°	1433.9	1423.1	1412.1	1394.0	1376.2	1351.0	1325.9
12.5°	1440.3	1433.4	1426.4	1412.7	1398.8	1374.7	1350.7
15°	1395.6	1399.1	1402.5	1396.7	1390.8	1376.8	1362.6
17.5°	1316.4	1335.5	1354.6	1365.2	1375.9	1370.7	1365.8
20°	1231.9	1267.7	1303.6	1331.8	1360.2	1368.2	1376.2
22.5°	1148.9	1197.9	1247.0	1294.7	1342.4	1364.8	1387.3
25°	1083.6	1141.1	1198.8	1263.1	1327.5	1366.3	1404.9
27.5°	1027.7	1090.4	1152.9	1232.7	1312.4	1371.4	1430.4
30°	987.9	1053.3	1118.6	1214.2	1309.5	1388.0	1466.3
32.5°	965.6	1032.0	1098.7	1205.5	1312.4	1411.3	1510.1
35°	973.5	1035.2	1097.1	1215.4	1333.9	1459.1	1584.3
37.5°	1057.6	1099.7	1141.8	1263.7	1385.7	1532.1	1678.4
40°	1253.1	1255.3	1257.8	1373.1	1488.6	1652.8	1817.1
42.5°	1589.9	1534.0	1478.2	1571.4	1664.5	1838.0	2011.6
45°	2033.5	1909.4	1785.2	1850.1	1915.2	2084.2	2253.2
47.5°	2538.7	2332.2	2125.6	2162.6	2199.8	2342.2	2484.4
50°	3032.2	2757.1	2482.1	2489.2	2496.4	2624.5	2752.3
52.5°	3479.5	3152.8	2826.0	2820.6	2814.9	2955.5	3096.0
55°	3903.3	3527.7	3152.3	3153.2	3154.2	3330.4	3506.6
57.5°	4301.5	3909.1	3516.5	3555.9	3595.1	3760.2	3925.2
60°	4738.5	4335.2	3932.1	3994.7	4057.6	4148.4	4239.3
62.5°	5295.5	4860.3	4425.1	4429.7	4434.4	4271.9	4109.4
65°	*5597.5*	*5071.6*	*4545.5*	*4367.4*	*4189.1*	*3930.0*	*3670.9*
67.5°	5193.7	4600.8	4008.1	3862.2	3716.3	3487.8	3259.4
70°	4587.0	4083.5	3580.0	3475.7	3371.4	3118.5	2865.6
72.5°	3882.6	3516.2	3149.7	3105.6	3061.4	2760.5	2459.7
75°	2980.1	2865.7	2751.5	2722.0	2692.5	2353.4	2014.0
77.5°	2211.8	2135.5	2059.5	1993.3	1927.1	1633.2	1339.5
80°	1377.0	1320.0	1263.0	1254.3	1245.7	1015.9	786.2
82.5°	754.3	719.3	684.4	665.0	645.5	519.2	393.1
85°	291.8	255.1	218.5	186.7	155.0	122.1	89.3
87.5°	8.3	8.1	8.0	7.8	7.7	7.3	7.2
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: SP1-2407-184-2

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

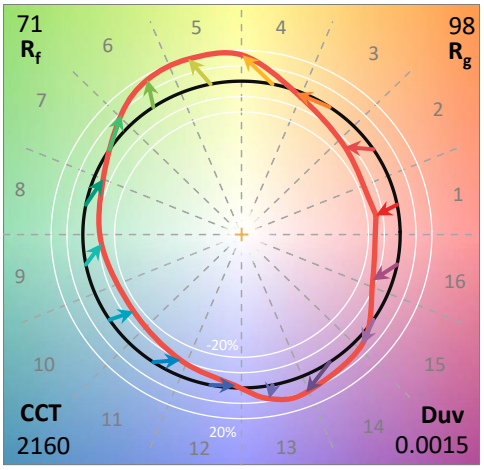
Test Information

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

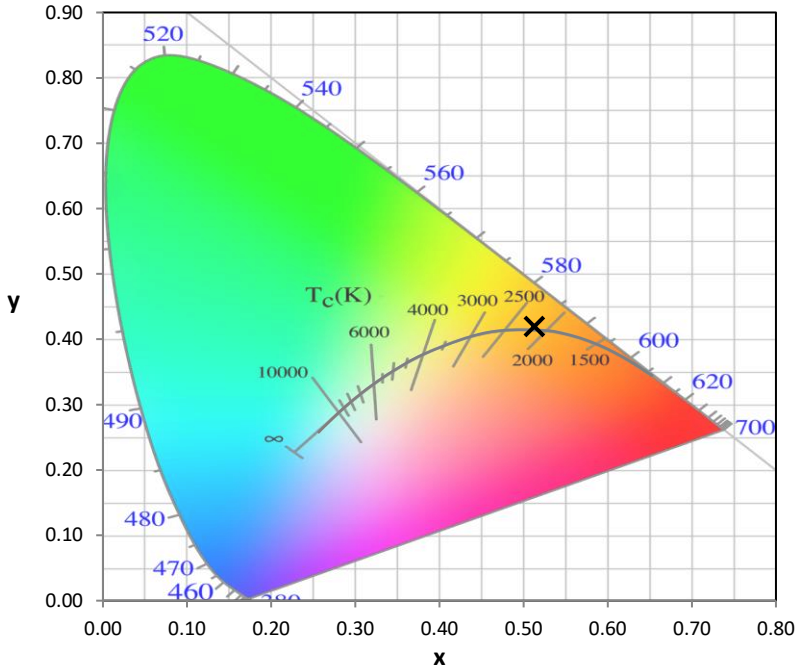
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

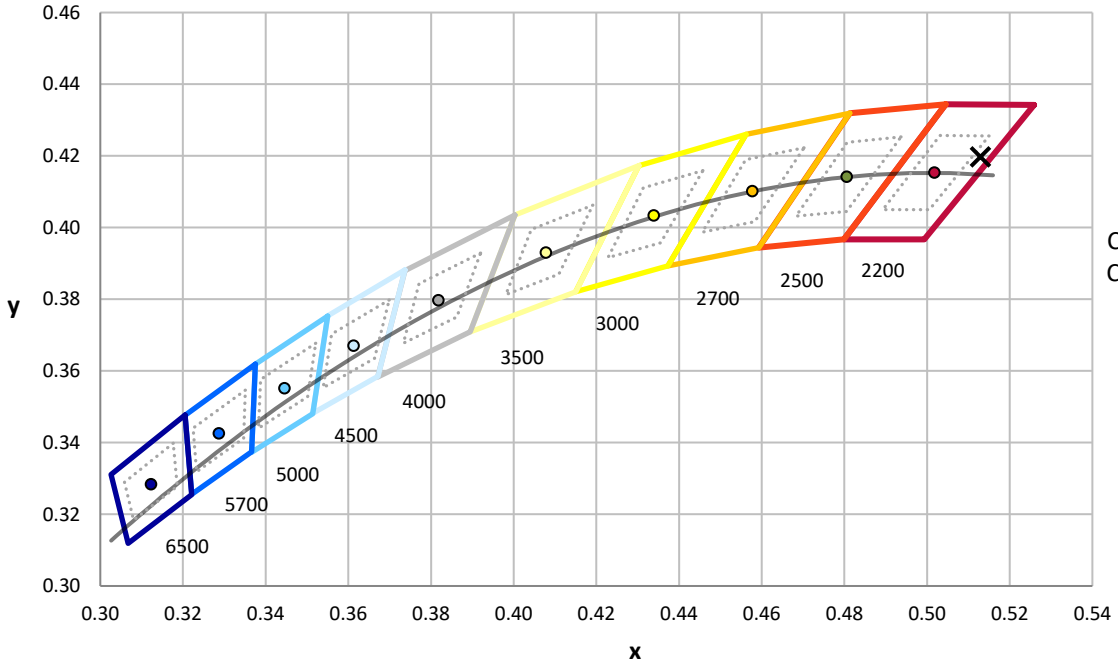
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

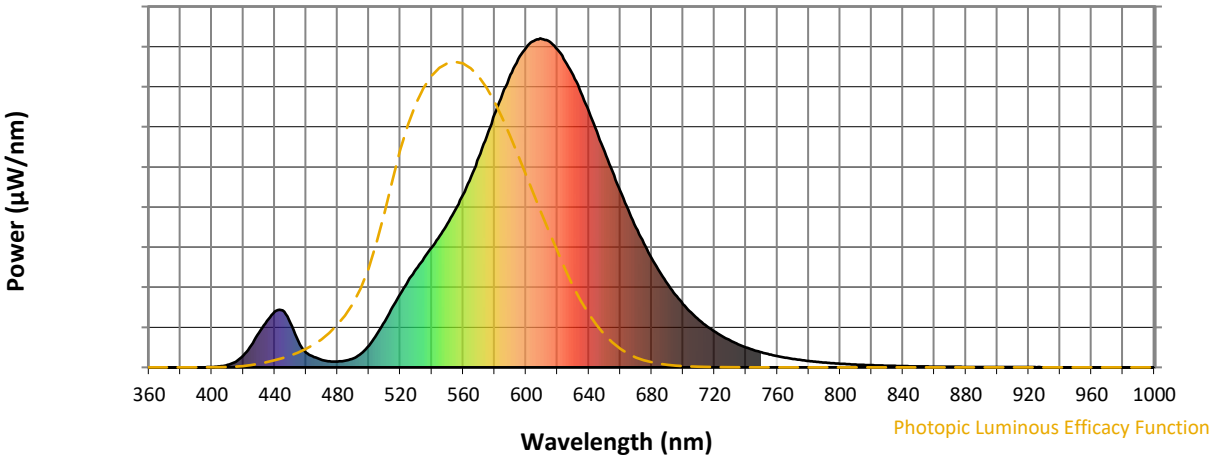


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

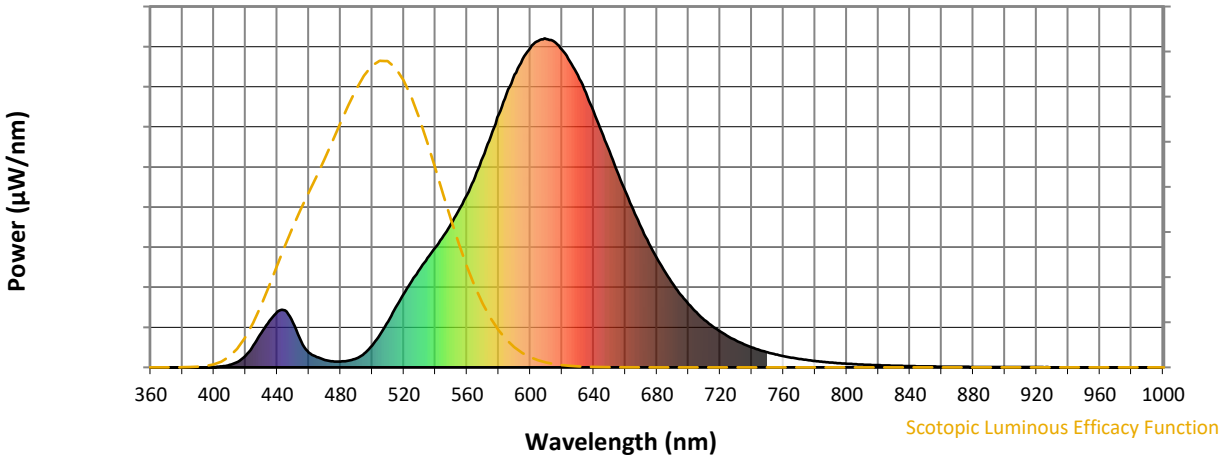


Photopic Lumens: NR

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

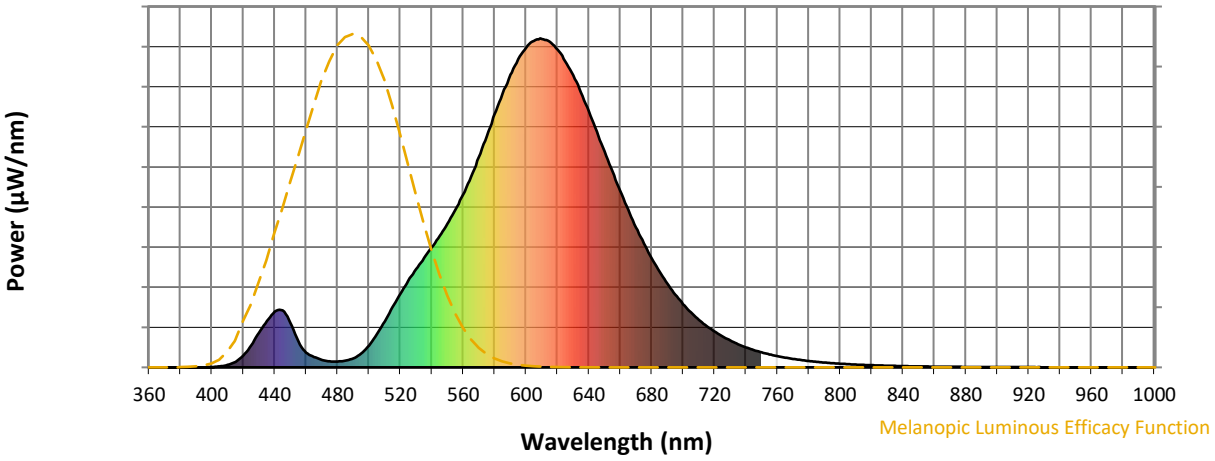


Scotopic Lumens: NR **S/P: 0.8**

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			

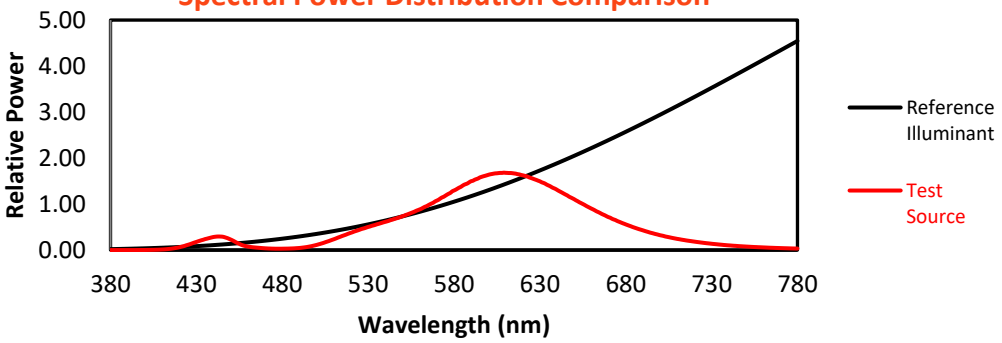
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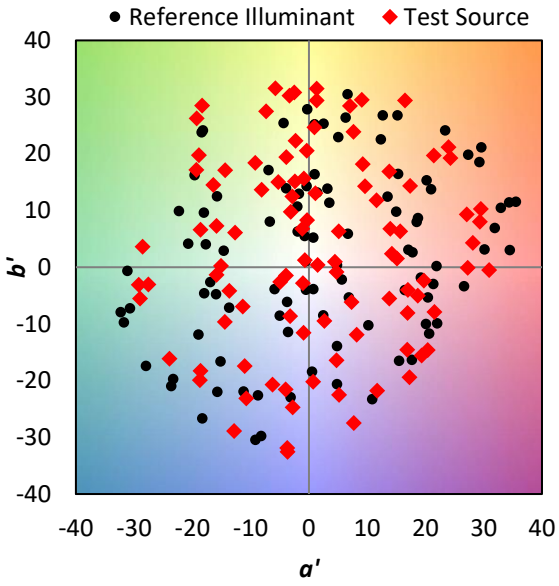
Summary

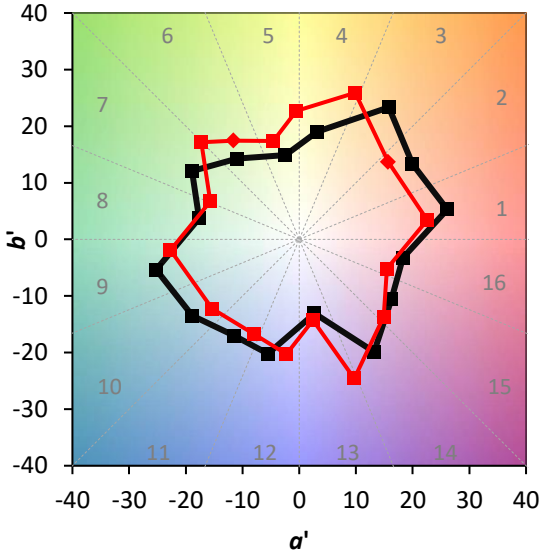
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

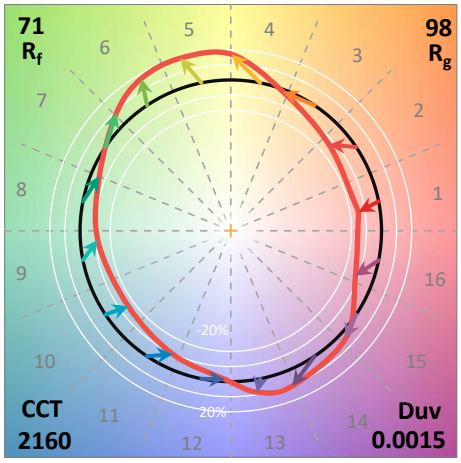
Spectral Power Distribution Comparison

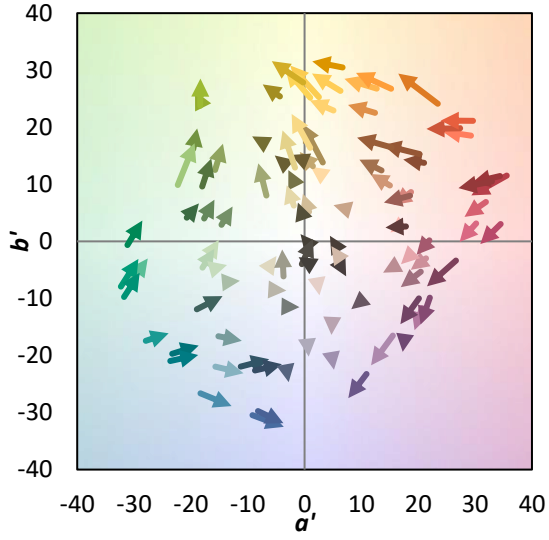


Color Vector Graphics







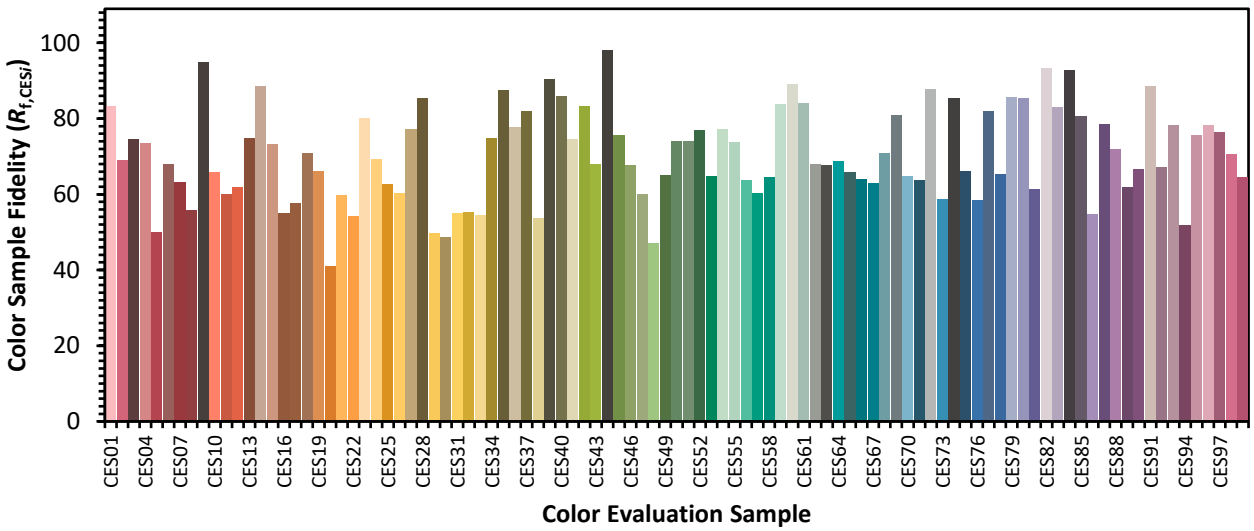


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Individual Sample Fidelity Index ($R_{f,i}$)

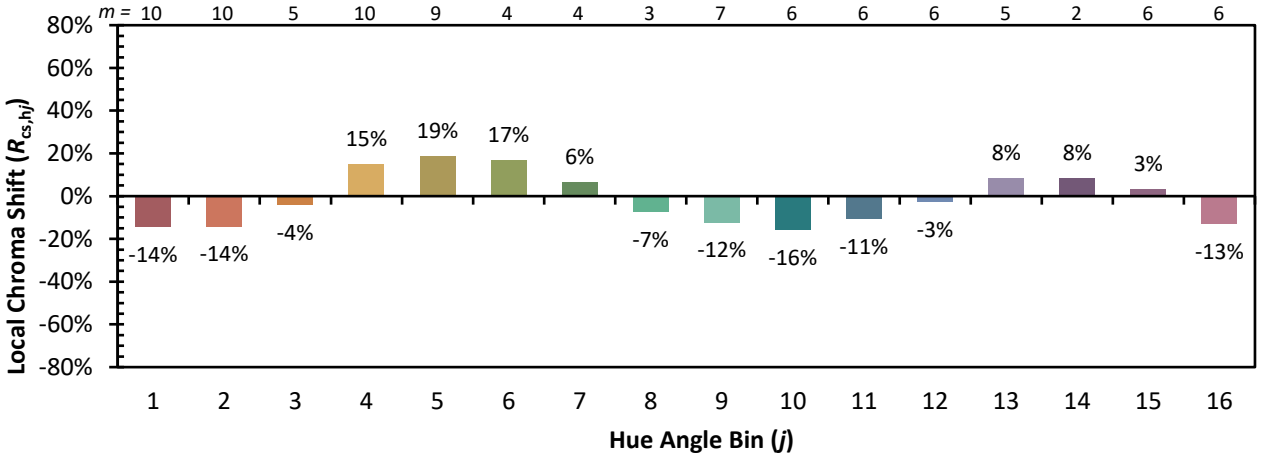
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

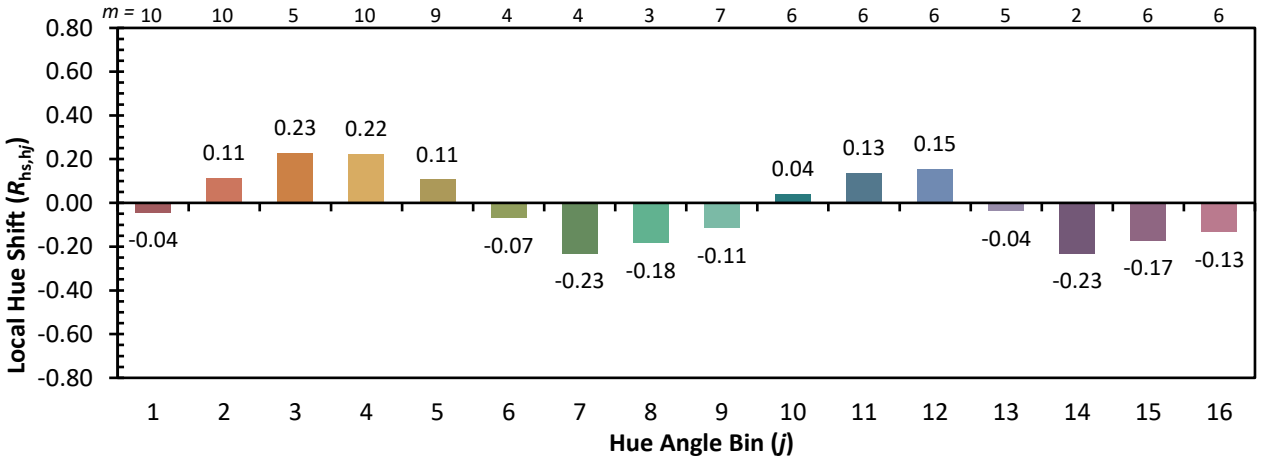


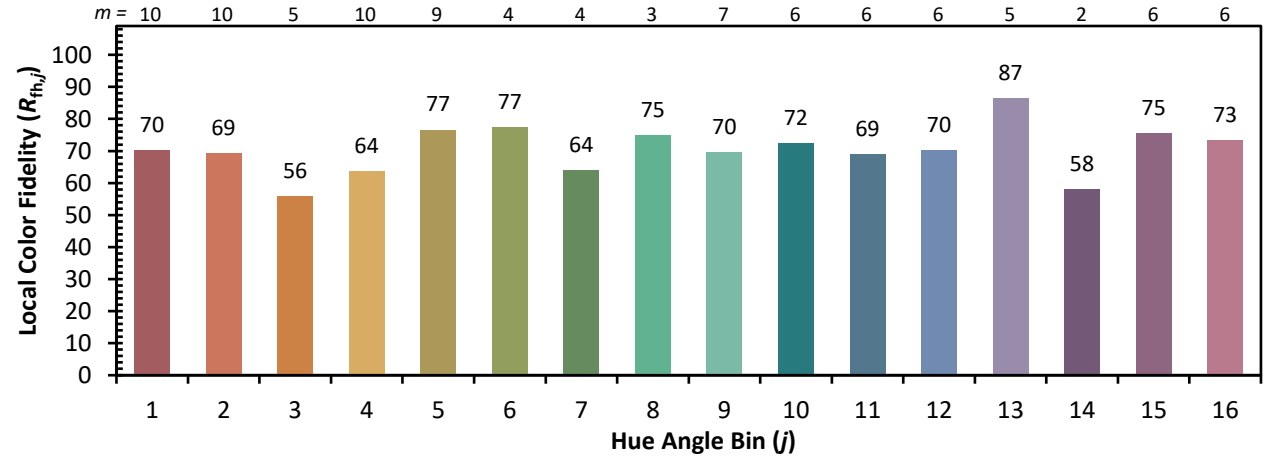
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Color Rendition by Hue-Angle Bin



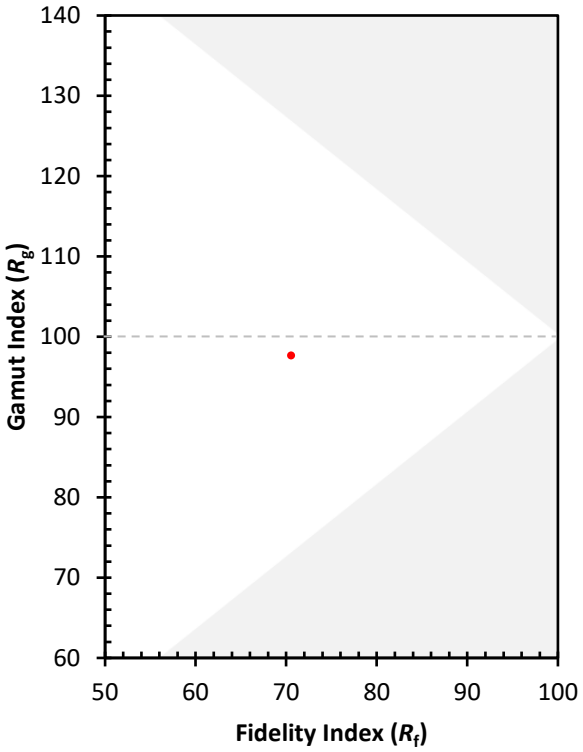


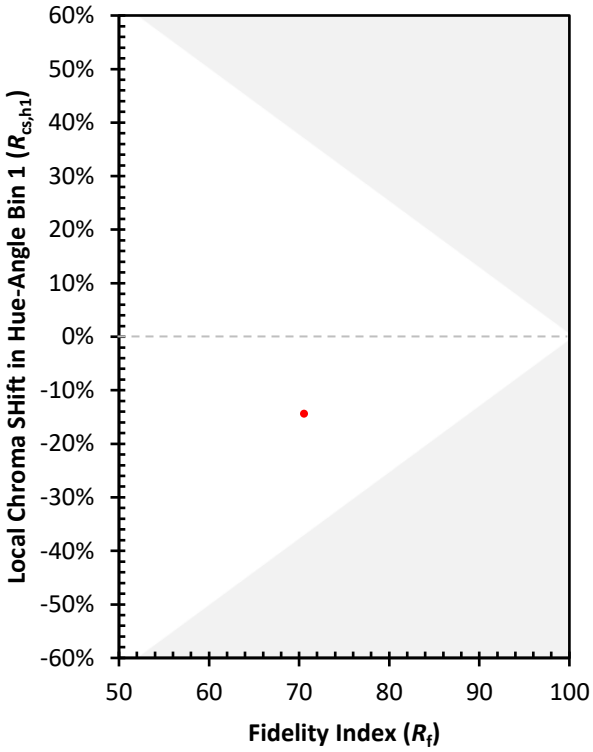


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Measure Comparisons





(END OF REPORT)