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: P1364171

Luminaire Tested: **GSS-SB2A-727-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:	P1364171
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-727-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(52) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7322 lumens
Efficiency:	N/A
Efficacy:	126.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

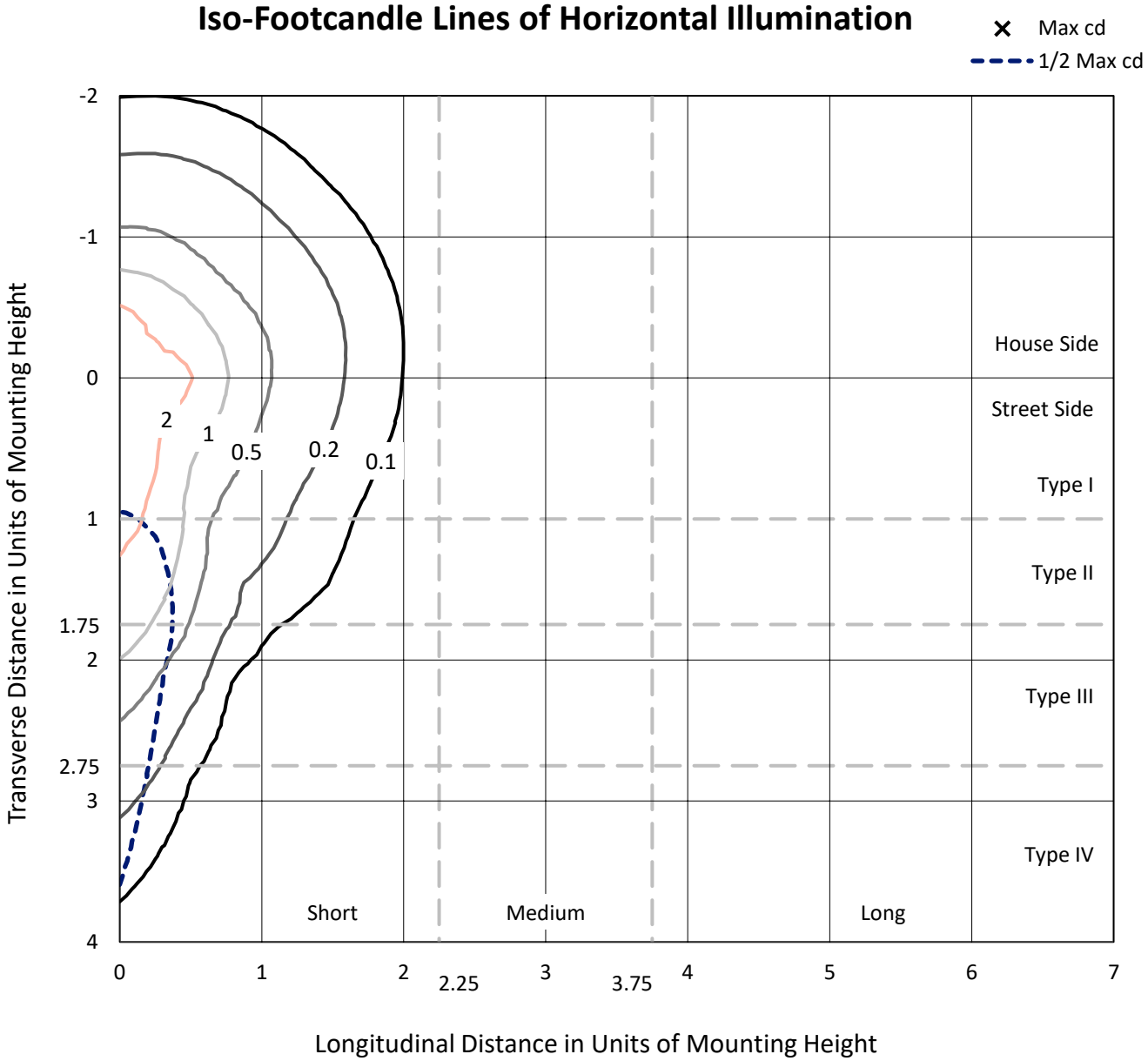
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



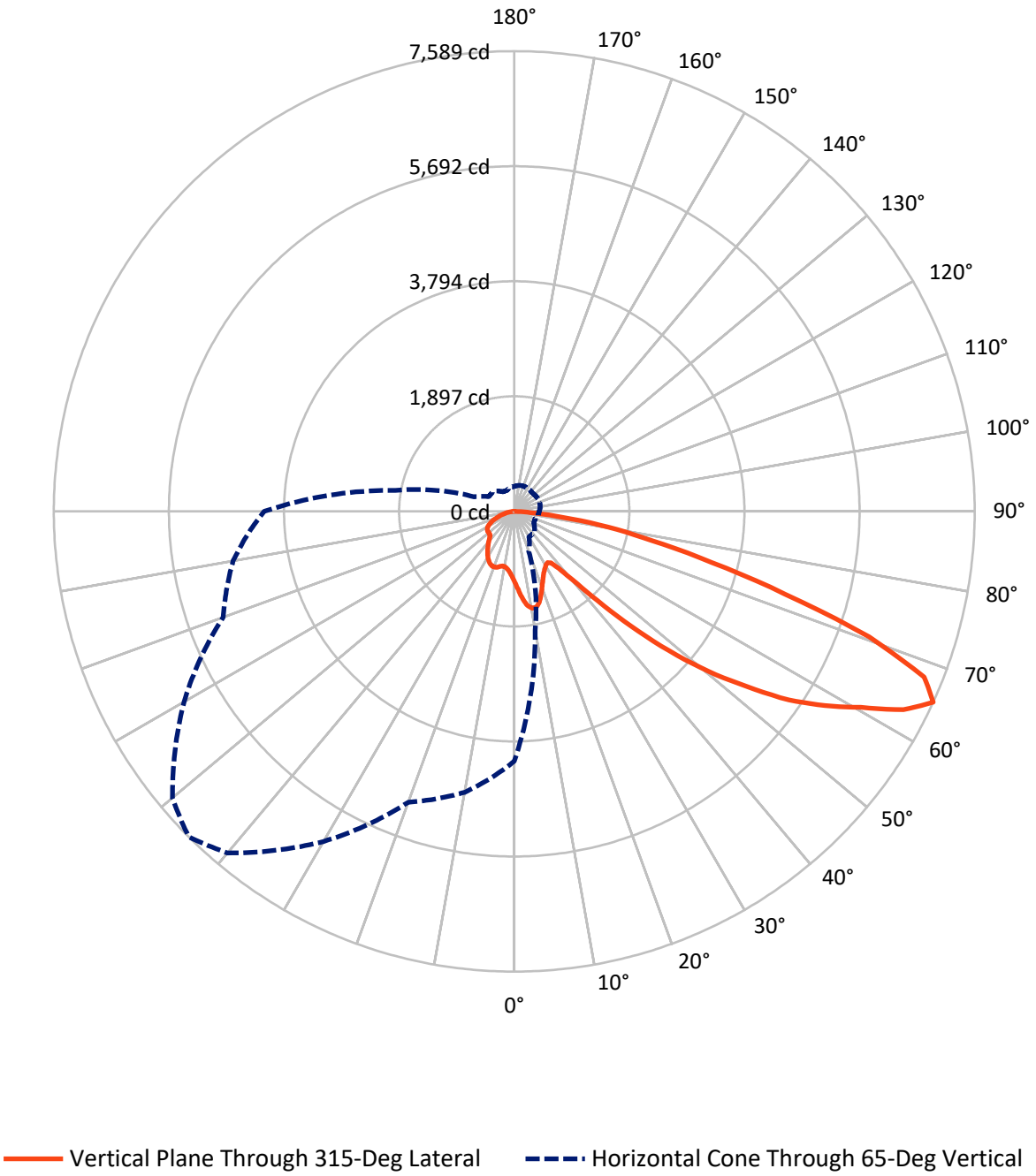
Based on 20 foot mounting height. Maximum calculated value = 3.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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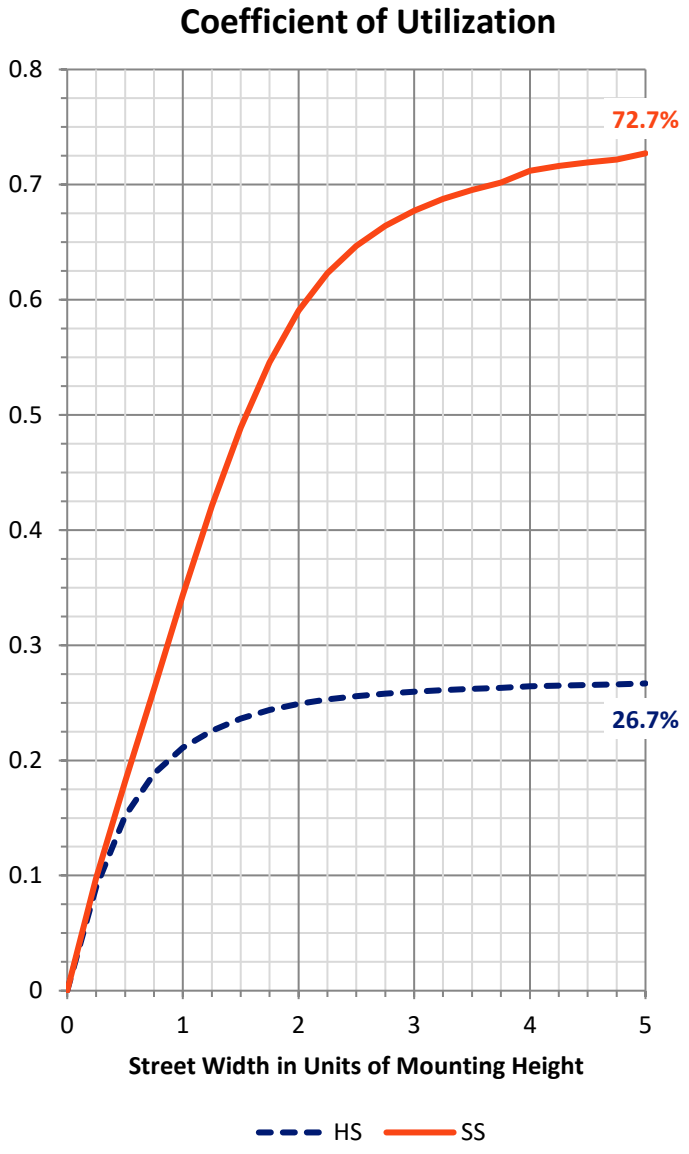
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1969.8	0.0	1969.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	5352.2	0.0	5352.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	7322.0	0.0	7322.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.3	1.6
10°-20°	353.3	4.8
20°-30°	546.8	7.5
30°-40°	678.4	9.3
40°-50°	992.0	13.5
50°-60°	1553.8	21.2
60°-70°	1843.7	25.2
70°-80°	1075.3	14.7
80°-90°	163.6	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°	7322.0	100.0
0°-180°	7322.0	100.0



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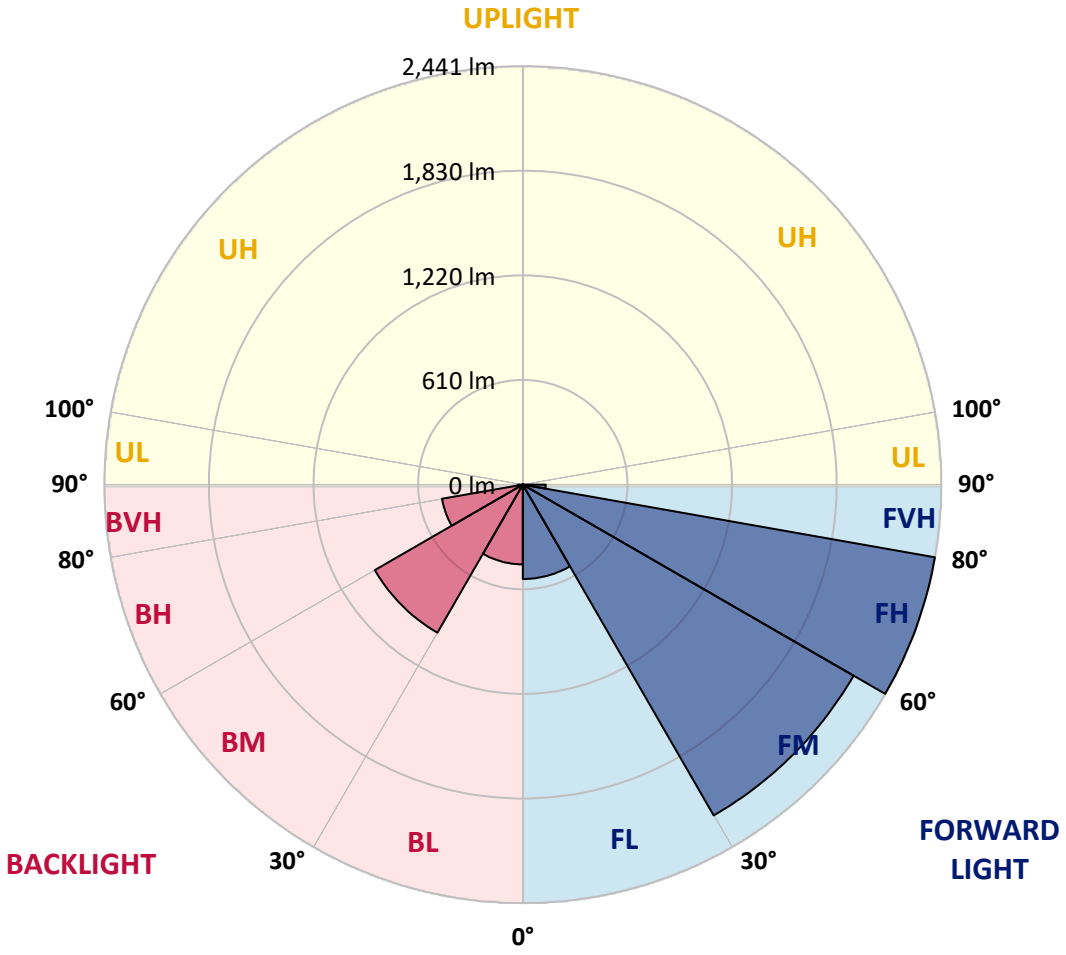
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	550.3	7.5			
FM	(30°-60°)	2227.5	30.4			
FH	(60°-80°)	2440.6	33.3			G2/5000
FVH	(80°-90°)	133.8	1.8			G2/225
BL	(0°-30°)	465.0	6.4	B1/500		
BM	(30°-60°)	996.6	13.6	B1/1000		
BH	(60°-80°)	478.4	6.5	B1/500		G1/500
BVH	(80°-90°)	29.8	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°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1261.5	1250.1	1238.8	1228.4	1218.0	1207.6	1197.0	1187.0	1176.8	1166.6	1157.7
5°	1347.5	1327.2	1307.2	1286.0	1265.1	1244.5	1223.9	1204.4	1185.1	1164.8	1147.4
7.5°	1434.3	1400.3	1366.3	1334.2	1302.2	1273.5	1244.9	1219.3	1193.5	1166.6	1145.7
10°	1488.9	1448.3	1407.4	1367.7	1327.8	1292.5	1257.0	1227.5	1197.9	1169.3	1146.9
12.5°	1516.7	1476.2	1435.7	1391.2	1346.6	1307.0	1267.4	1234.8	1202.4	1171.1	1149.2
15°	1530.1	1489.1	1448.3	1403.0	1357.7	1315.1	1272.3	1235.5	1198.8	1163.9	1144.6
17.5°	1533.7	1495.4	1457.2	1408.9	1360.5	1311.8	1263.3	1220.5	1177.9	1137.1	1120.6
20°	1545.3	1506.7	1468.0	1416.0	1364.1	1307.0	1249.9	1193.6	1137.4	1083.3	1073.0
22.5°	1557.9	1522.4	1487.1	1430.0	1373.1	1303.2	1233.4	1162.8	1092.3	1027.8	1018.0
25°	1577.6	1546.9	1516.3	1454.0	1391.7	1302.9	1214.1	1126.1	1038.2	964.3	963.4
27.5°	1606.2	1582.8	1559.3	1489.1	1419.1	1306.3	1193.5	1088.5	983.4	907.9	912.3
30°	1646.5	1628.1	1609.8	1530.6	1451.3	1313.6	1176.1	1055.8	935.6	862.2	867.0
32.5°	1695.7	1684.3	1672.8	1579.5	1486.2	1321.9	1157.7	1027.1	896.8	829.1	829.1
35°	1779.0	1764.7	1750.4	1631.5	1512.7	1319.9	1127.2	994.5	861.7	809.4	798.3
37.5°	1884.7	1867.6	1850.6	1694.8	1539.1	1314.3	1089.6	958.4	827.3	786.1	765.0
40°	2040.4	2007.0	1973.3	1767.4	1561.4	1301.8	1042.2	915.2	788.2	755.7	729.2
42.5°	2258.9	2188.0	2116.9	1847.6	1577.9	1280.1	982.2	863.8	745.3	722.5	689.8
45°	2530.2	2416.5	2302.8	1956.5	1610.2	1265.3	920.4	811.5	702.8	682.2	649.6
47.5°	2789.8	2645.9	2501.9	2068.4	1634.9	1247.9	860.9	759.6	658.6	634.8	604.3
50°	3090.7	2895.5	2700.3	2166.0	1631.6	1218.4	804.9	713.4	621.7	589.1	559.0
52.5°	3476.5	3166.6	2856.4	2212.2	1567.7	1157.8	748.1	671.9	595.9	554.2	522.0
55°	3937.6	3438.9	2940.2	2200.0	1459.7	1077.6	695.1	637.1	578.7	537.2	499.2
57.5°	4407.7	3667.6	2927.7	2133.6	1339.4	993.6	647.9	607.7	567.6	532.7	486.2
60°	4760.4	3770.0	2779.4	1974.4	1169.3	887.4	605.6	577.5	549.4	522.0	475.4
62.5°	4614.5	3542.8	2471.1	1713.5	955.8	752.8	549.7	534.0	518.4	506.8	462.3
65°	*4122.1*	*3055.7*	*1989.4*	*1344.1*	*698.7*	*591.6*	*484.4*	*481.0*	*477.7*	*474.5*	*437.8*
67.5°	3660.1	2624.4	1588.7	1045.9	503.2	452.3	401.5	411.0	420.4	425.3	400.2
70°	3217.8	2229.5	1241.3	801.5	361.7	343.8	325.9	340.0	354.2	352.8	340.6
72.5°	2762.1	1851.4	940.4	602.6	264.7	264.3	264.1	274.9	285.6	271.3	279.0
75°	2261.6	1478.2	694.8	446.6	198.4	197.2	196.1	208.8	221.7	227.4	232.4
77.5°	1504.1	969.8	435.5	288.7	141.8	142.9	143.6	157.6	171.5	188.0	188.9
80°	882.8	556.0	229.2	159.5	89.9	91.0	91.7	106.4	120.9	144.1	143.3
82.5°	441.4	278.6	116.0	85.8	55.5	55.7	55.9	63.0	70.2	83.3	86.8
85°	100.3	66.3	32.2	27.2	22.4	23.5	24.7	29.4	34.0	41.2	43.3
87.5°	8.1	7.9	7.5	7.3	7.2	7.5	8.1	9.0	9.8	10.7	12.5
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°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1148.0	1138.5	1131.0	1123.6	1117.2	1110.6	1102.9	1095.0	1089.4	1083.7	1079.9
5°	1130.3	1113.4	1099.5	1085.5	1074.0	1062.2	1051.8	1041.3	1033.0	1024.6	1017.8
7.5°	1124.7	1103.9	1085.8	1067.6	1052.2	1036.8	1023.9	1010.8	998.5	986.3	978.4
10°	1124.9	1103.0	1084.4	1065.8	1049.5	1033.2	1016.2	999.2	985.6	972.0	960.1
12.5°	1131.0	1112.9	1099.8	1086.9	1071.9	1056.8	1036.6	1016.2	997.7	979.5	965.0
15°	1132.8	1120.9	1119.9	1118.8	1113.6	1108.4	1089.6	1070.8	1045.4	1019.8	999.0
17.5°	1119.0	1117.4	1135.1	1152.8	1163.0	1173.2	1160.2	1146.9	1111.1	1075.3	1044.3
20°	1083.2	1093.2	1127.9	1162.5	1190.1	1217.6	1216.2	1215.0	1168.2	1121.3	1080.7
22.5°	1033.0	1047.9	1093.2	1138.5	1178.2	1218.0	1228.2	1238.2	1192.4	1146.4	1096.2
25°	979.7	996.0	1037.9	1079.8	1122.6	1165.4	1184.3	1203.3	1165.5	1127.7	1079.0
27.5°	927.9	943.7	974.8	1006.0	1040.4	1074.7	1096.1	1117.4	1094.3	1071.2	1031.8
30°	879.2	891.4	913.9	936.5	959.8	983.1	1000.1	1017.1	1001.9	986.6	958.4
32.5°	834.3	839.5	854.1	868.8	886.2	903.4	912.9	922.2	910.4	898.5	879.9
35°	794.0	789.7	799.3	809.0	823.0	837.1	844.3	851.5	841.6	831.8	815.1
37.5°	753.5	741.7	746.3	750.6	762.6	774.5	784.7	795.0	787.9	780.7	766.6
40°	712.0	694.8	694.4	693.9	705.3	716.6	729.5	742.2	741.0	739.5	726.1
42.5°	667.9	646.1	643.7	641.4	652.7	664.0	677.6	691.2	693.9	696.6	685.5
45°	627.1	604.9	601.3	597.7	607.4	617.4	632.3	647.3	653.6	659.9	649.8
47.5°	585.2	565.8	563.7	561.4	571.6	582.0	598.4	615.1	621.7	628.5	621.7
50°	543.3	527.3	530.0	532.7	544.0	555.1	568.0	581.1	593.4	605.6	604.3
52.5°	510.2	498.2	506.6	514.8	525.0	535.4	548.8	562.3	575.2	588.2	590.2
55°	486.0	472.7	484.5	496.4	508.7	521.1	533.6	546.1	558.3	570.3	573.0
57.5°	467.5	449.1	460.9	472.7	486.2	499.6	512.1	524.7	538.8	553.0	555.1
60°	452.1	428.9	436.7	444.4	458.2	471.8	484.9	497.8	512.1	526.5	529.3
62.5°	431.9	401.5	402.5	403.3	418.8	434.2	445.0	455.7	469.3	483.1	487.2
65°	*405.0*	*372.5*	*368.9*	*365.3*	*380.0*	*394.8*	*403.3*	*411.8*	*423.7*	*435.5*	*439.6*
67.5°	371.4	342.4	335.0	327.7	341.3	354.9	361.9	368.9	376.9	385.0	389.6
70°	323.4	306.2	301.5	296.9	308.0	319.1	325.2	331.3	337.7	344.2	346.7
72.5°	275.0	271.3	267.9	264.7	273.1	281.5	286.7	291.9	298.0	304.1	305.5
75°	230.3	228.3	225.8	223.5	229.9	236.4	240.3	244.4	250.7	257.0	259.6
77.5°	184.3	179.4	176.9	174.1	180.0	185.9	189.6	193.4	198.6	203.8	204.5
80°	137.5	131.6	129.6	127.5	131.8	136.1	137.5	138.8	143.1	147.2	147.2
82.5°	86.8	86.8	85.6	84.2	83.3	82.4	80.6	78.8	83.1	87.4	88.8
85°	43.7	43.9	41.9	39.8	37.2	34.4	33.8	33.1	32.9	32.6	33.8
87.5°	13.6	14.7	15.8	16.5	17.5	18.3	17.7	17.0	16.3	15.8	14.3
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°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1076.2	1074.4	1072.6	1071.2	1069.9	1069.0	1069.9	1071.2	1072.6	1074.4	1076.2
5°	1010.8	1008.0	1004.9	1002.9	1001.0	999.2	1001.0	1002.9	1004.9	1008.0	1010.8
7.5°	970.5	965.9	961.2	957.8	954.4	952.6	954.4	957.8	961.2	965.9	970.5
10°	948.7	942.1	935.6	932.0	928.5	925.8	928.5	932.0	935.6	942.1	948.7
12.5°	950.5	942.2	934.4	929.0	923.6	920.4	923.6	929.0	934.4	942.2	950.5
15°	978.1	966.6	954.8	948.1	941.5	936.5	941.5	948.1	954.8	966.6	978.1
17.5°	1013.5	996.7	979.8	973.9	967.8	965.2	967.8	973.9	979.8	996.7	1013.5
20°	1040.0	1017.4	995.2	986.3	977.3	974.1	977.3	986.3	995.2	1017.4	1040.0
22.5°	1046.1	1019.6	992.9	984.5	975.9	972.3	975.9	984.5	992.9	1019.6	1046.1
25°	1030.5	1002.6	974.5	965.9	957.1	954.4	957.1	965.9	974.5	1002.6	1030.5
27.5°	992.4	967.7	942.8	933.6	924.3	918.6	924.3	933.6	942.8	967.7	992.4
30°	930.2	911.8	893.5	887.8	881.9	879.2	881.9	887.8	893.5	911.8	930.2
32.5°	861.3	849.8	838.4	834.6	830.9	829.1	830.9	834.6	838.4	849.8	861.3
35°	798.6	790.4	782.2	779.1	776.2	773.6	776.2	779.1	782.2	790.4	798.6
37.5°	752.4	742.8	732.7	727.4	722.0	718.0	722.0	727.4	732.7	742.8	752.4
40°	712.7	698.7	684.9	677.6	670.1	666.1	670.1	677.6	684.9	698.7	712.7
42.5°	674.2	658.1	641.9	630.7	619.6	612.4	619.6	630.7	641.9	658.1	674.2
45°	639.6	621.5	603.4	590.0	576.6	567.6	576.6	590.0	603.4	621.5	639.6
47.5°	615.1	599.5	583.8	571.9	560.1	551.5	560.1	571.9	583.8	599.5	615.1
50°	603.1	590.7	578.4	567.3	556.0	547.9	556.0	567.3	578.4	590.7	603.1
52.5°	592.3	583.4	574.4	564.8	555.1	547.9	555.1	564.8	574.4	583.4	592.3
55°	575.7	569.2	562.6	555.5	548.3	542.6	548.3	555.5	562.6	569.2	575.7
57.5°	557.2	550.4	543.5	538.1	532.7	530.0	532.7	538.1	543.5	550.4	557.2
60°	532.2	526.8	521.4	516.4	511.2	506.8	511.2	516.4	521.4	526.8	532.2
62.5°	491.5	489.0	486.7	481.0	475.4	469.1	475.4	481.0	486.7	489.0	491.5
65°	*443.7*	*442.5*	*441.4*	*437.3*	*433.3*	*426.2*	*433.3*	*437.3*	*441.4*	*442.5*	*443.7*
67.5°	394.3	392.0	389.5	385.2	381.0	379.6	381.0	385.2	389.5	392.0	394.3
70°	349.2	345.6	342.0	332.3	322.7	311.6	322.7	332.3	342.0	345.6	349.2
72.5°	307.1	301.5	295.8	284.5	273.1	261.4	273.1	284.5	295.8	301.5	307.1
75°	262.3	254.5	246.8	234.8	222.9	214.9	222.9	234.8	246.8	254.5	262.3
77.5°	205.6	198.8	192.0	184.8	177.6	173.7	177.6	184.8	192.0	198.8	205.6
80°	147.2	142.2	137.0	133.4	129.8	127.1	129.8	133.4	137.0	142.2	147.2
82.5°	90.4	88.1	86.0	82.0	77.9	75.2	77.9	82.0	86.0	88.1	90.4
85°	34.9	34.4	34.0	32.6	31.3	30.4	31.3	32.6	34.0	34.4	34.9
87.5°	12.9	11.8	10.7	10.0	9.3	9.0	9.3	10.0	10.7	11.8	12.9
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: P1364171
CATALOG NUMBER: GSS-SB2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1079.9	1083.7	1089.4	1095.0	1102.9	1110.6	1117.2	1123.6	1131.0	1138.5	1148.0
5°	1017.8	1024.6	1033.0	1041.3	1051.8	1062.2	1074.0	1085.5	1099.5	1113.4	1130.3
7.5°	978.4	986.3	998.5	1010.8	1023.9	1036.8	1052.2	1067.6	1085.8	1103.9	1124.7
10°	960.1	972.0	985.6	999.2	1016.2	1033.2	1049.5	1065.8	1084.4	1103.0	1124.9
12.5°	965.0	979.5	997.7	1016.2	1036.6	1056.8	1071.9	1086.9	1099.8	1112.9	1131.0
15°	999.0	1019.8	1045.4	1070.8	1089.6	1108.4	1113.6	1118.8	1119.9	1120.9	1132.8
17.5°	1044.3	1075.3	1111.1	1146.9	1160.2	1173.2	1163.0	1152.8	1135.1	1117.4	1119.0
20°	1080.7	1121.3	1168.2	1215.0	1216.2	1217.6	1190.1	1162.5	1127.9	1093.2	1083.2
22.5°	1096.2	1146.4	1192.4	1238.2	1228.2	1218.0	1178.2	1138.5	1093.2	1047.9	1033.0
25°	1079.0	1127.7	1165.5	1203.3	1184.3	1165.4	1122.6	1079.8	1037.9	996.0	979.7
27.5°	1031.8	1071.2	1094.3	1117.4	1096.1	1074.7	1040.4	1006.0	974.8	943.7	927.9
30°	958.4	986.6	1001.9	1017.1	1000.1	983.1	959.8	936.5	913.9	891.4	879.2
32.5°	879.9	898.5	910.4	922.2	912.9	903.4	886.2	868.8	854.1	839.5	834.3
35°	815.1	831.8	841.6	851.5	844.3	837.1	823.0	809.0	799.3	789.7	794.0
37.5°	766.6	780.7	787.9	795.0	784.7	774.5	762.6	750.6	746.3	741.7	753.5
40°	726.1	739.5	741.0	742.2	729.5	716.6	705.3	693.9	694.4	694.8	712.0
42.5°	685.5	696.6	693.9	691.2	677.6	664.0	652.7	641.4	643.7	646.1	667.9
45°	649.8	659.9	653.6	647.3	632.3	617.4	607.4	597.7	601.3	604.9	627.1
47.5°	621.7	628.5	621.7	615.1	598.4	582.0	571.6	561.4	563.7	565.8	585.2
50°	604.3	605.6	593.4	581.1	568.0	555.1	544.0	532.7	530.0	527.3	543.3
52.5°	590.2	588.2	575.2	562.3	548.8	535.4	525.0	514.8	506.6	498.2	510.2
55°	573.0	570.3	558.3	546.1	533.6	521.1	508.7	496.4	484.5	472.7	486.0
57.5°	555.1	553.0	538.8	524.7	512.1	499.6	486.2	472.7	460.9	449.1	467.5
60°	529.3	526.5	512.1	497.8	484.9	471.8	458.2	444.4	436.7	428.9	452.1
62.5°	487.2	483.1	469.3	455.7	445.0	434.2	418.8	403.3	402.5	401.5	431.9
65°	*439.6*	*435.5*	*423.7*	*411.8*	*403.3*	*394.8*	*380.0*	*365.3*	*368.9*	*372.5*	*405.0*
67.5°	389.6	385.0	376.9	368.9	361.9	354.9	341.3	327.7	335.0	342.4	371.4
70°	346.7	344.2	337.7	331.3	325.2	319.1	308.0	296.9	301.5	306.2	323.4
72.5°	305.5	304.1	298.0	291.9	286.7	281.5	273.1	264.7	267.9	271.3	275.0
75°	259.6	257.0	250.7	244.4	240.3	236.4	229.9	223.5	225.8	228.3	230.3
77.5°	204.5	203.8	198.6	193.4	189.6	185.9	180.0	174.1	176.9	179.4	184.3
80°	147.2	147.2	143.1	138.8	137.5	136.1	131.8	127.5	129.6	131.6	137.5
82.5°	88.8	87.4	83.1	78.8	80.6	82.4	83.3	84.2	85.6	86.8	86.8
85°	33.8	32.6	32.9	33.1	33.8	34.4	37.2	39.8	41.9	43.9	43.7
87.5°	14.3	15.8	16.3	17.0	17.7	18.3	17.5	16.5	15.8	14.7	13.6
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: P1364171
CATALOG NUMBER: GSS-SB2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1157.7	1166.6	1176.8	1187.0	1197.0	1207.6	1218.0	1228.4	1238.8	1250.1	1261.5
5°	1147.4	1164.8	1185.1	1204.4	1223.9	1244.5	1265.1	1286.0	1307.2	1327.2	1347.5
7.5°	1145.7	1166.6	1193.5	1219.3	1244.9	1273.5	1302.2	1334.2	1366.3	1400.3	1434.3
10°	1146.9	1169.3	1197.9	1227.5	1257.0	1292.5	1327.8	1367.7	1407.4	1448.3	1488.9
12.5°	1149.2	1171.1	1202.4	1234.8	1267.4	1307.0	1346.6	1391.2	1435.7	1476.2	1516.7
15°	1144.6	1163.9	1198.8	1235.5	1272.3	1315.1	1357.7	1403.0	1448.3	1489.1	1530.1
17.5°	1120.6	1137.1	1177.9	1220.5	1263.3	1311.8	1360.5	1408.9	1457.2	1495.4	1533.7
20°	1073.0	1083.3	1137.4	1193.6	1249.9	1307.0	1364.1	1416.0	1468.0	1506.7	1545.3
22.5°	1018.0	1027.8	1092.3	1162.8	1233.4	1303.2	1373.1	1430.0	1487.1	1522.4	1557.9
25°	963.4	964.3	1038.2	1126.1	1214.1	1302.9	1391.7	1454.0	1516.3	1546.9	1577.6
27.5°	912.3	907.9	983.4	1088.5	1193.5	1306.3	1419.1	1489.1	1559.3	1582.8	1606.2
30°	867.0	862.2	935.6	1055.8	1176.1	1313.6	1451.3	1530.6	1609.8	1628.1	1646.5
32.5°	829.1	829.1	896.8	1027.1	1157.7	1321.9	1486.2	1579.5	1672.8	1684.3	1695.7
35°	798.3	809.4	861.7	994.5	1127.2	1319.9	1512.7	1631.5	1750.4	1764.7	1779.0
37.5°	765.0	786.1	827.3	958.4	1089.6	1314.3	1539.1	1694.8	1850.6	1867.6	1884.7
40°	729.2	755.7	788.2	915.2	1042.2	1301.8	1561.4	1767.4	1973.3	2007.0	2040.4
42.5°	689.8	722.5	745.3	863.8	982.2	1280.1	1577.9	1847.6	2116.9	2188.0	2258.9
45°	649.6	682.2	702.8	811.5	920.4	1265.3	1610.2	1956.5	2302.8	2416.5	2530.2
47.5°	604.3	634.8	658.6	759.6	860.9	1247.9	1634.9	2068.4	2501.9	2645.9	2789.8
50°	559.0	589.1	621.7	713.4	804.9	1218.4	1631.6	2166.0	2700.3	2895.5	3090.7
52.5°	522.0	554.2	595.9	671.9	748.1	1157.8	1567.7	2212.2	2856.4	3166.6	3476.5
55°	499.2	537.2	578.7	637.1	695.1	1077.6	1459.7	2200.0	2940.2	3438.9	3937.6
57.5°	486.2	532.7	567.6	607.7	647.9	993.6	1339.4	2133.6	2927.7	3667.6	4407.7
60°	475.4	522.0	549.4	577.5	605.6	887.4	1169.3	1974.4	2779.4	3770.0	4760.4
62.5°	462.3	506.8	518.4	534.0	549.7	752.8	955.8	1713.5	2471.1	3542.8	4614.5
65°	*437.8*	*474.5*	*477.7*	*481.0*	*484.4*	*591.6*	*698.7*	*1344.1*	*1989.4*	*3055.7*	*4122.1*
67.5°	400.2	425.3	420.4	411.0	401.5	452.3	503.2	1045.9	1588.7	2624.4	3660.1
70°	340.6	352.8	354.2	340.0	325.9	343.8	361.7	801.5	1241.3	2229.5	3217.8
72.5°	279.0	271.3	285.6	274.9	264.1	264.3	264.7	602.6	940.4	1851.4	2762.1
75°	232.4	227.4	221.7	208.8	196.1	197.2	198.4	446.6	694.8	1478.2	2261.6
77.5°	188.9	188.0	171.5	157.6	143.6	142.9	141.8	288.7	435.5	969.8	1504.1
80°	143.3	144.1	120.9	106.4	91.7	91.0	89.9	159.5	229.2	556.0	882.8
82.5°	86.8	83.3	70.2	63.0	55.9	55.7	55.5	85.8	116.0	278.6	441.4
85°	43.3	41.2	34.0	29.4	24.7	23.5	22.4	27.2	32.2	66.3	100.3
87.5°	12.5	10.7	9.8	9.0	8.1	7.5	7.2	7.3	7.5	7.9	8.1
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

REPORT NUMBER: P1364171
CATALOG NUMBER: GSS-SB2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	*1167.5*	1167.5	1167.5
2.5°	1266.0	1270.5	1275.3	1280.3	1283.2	1286.0	1289.1	1292.0	*1294.6*	1292.0	1289.1
5°	1367.7	1387.8	1401.4	1415.0	1425.4	1435.7	1441.7	1447.7	*1448.6*	1447.7	1441.7
7.5°	1458.3	1482.3	1503.1	1523.8	1537.1	1550.3	1558.0	1565.9	*1568.6*	1565.9	1558.0
10°	1517.0	1545.3	1565.4	1585.6	1598.0	1610.2	1616.2	1622.3	*1624.1*	1622.3	1616.2
12.5°	1543.7	1570.8	1586.3	1601.7	1609.6	1617.3	1620.2	1622.7	*1620.5*	1622.7	1620.2
15°	1546.0	1561.8	1568.4	1574.9	1571.1	1567.2	1561.6	1556.1	*1552.5*	1556.1	1561.6
17.5°	1539.2	1545.0	1533.0	1521.2	1499.7	1478.2	1462.1	1445.9	*1434.3*	1445.9	1462.1
20°	1536.4	1527.4	1495.5	1463.9	1423.6	1383.3	1356.2	1329.0	*1312.5*	1329.0	1356.2
22.5°	1532.6	1507.4	1453.8	1400.3	1345.1	1290.2	1259.0	1228.0	*1210.5*	1228.0	1259.0
25°	1534.2	1490.7	1418.4	1346.2	1281.4	1216.7	1182.9	1149.2	*1129.9*	1149.2	1182.9
27.5°	1540.0	1473.7	1384.2	1294.6	1224.4	1154.1	1121.8	1089.6	*1072.6*	1089.6	1121.8
30°	1558.6	1470.5	1363.4	1256.1	1182.7	1109.3	1077.8	1046.1	*1027.8*	1046.1	1077.8
32.5°	1584.7	1473.7	1353.7	1233.8	1158.9	1084.2	1054.0	1023.9	*1008.1*	1023.9	1054.0
35°	1638.4	1497.9	1364.8	1232.0	1162.5	1093.2	1071.0	1049.0	*1040.4*	1049.0	1071.0
37.5°	1720.5	1556.1	1419.1	1282.1	1234.8	1187.6	1187.6	1187.6	*1194.4*	1187.6	1187.6
40°	1856.0	1671.6	1541.9	1412.5	1409.6	1407.1	1437.2	1467.4	*1480.9*	1467.4	1437.2
42.5°	2063.9	1869.1	1764.5	1659.9	1722.6	1785.3	1872.3	1959.3	*2016.3*	1959.3	1872.3
45°	2340.4	2150.6	2077.5	2004.6	2144.1	2283.4	2437.3	2591.1	*2700.3*	2591.1	2437.3
47.5°	2630.1	2470.2	2428.5	2386.9	2618.8	2850.7	3076.2	3301.6	*3434.5*	3301.6	3076.2
50°	2947.0	2803.3	2795.2	2787.1	3096.0	3404.9	3695.9	3986.9	*4148.9*	3986.9	3695.9
52.5°	3318.8	3160.9	3167.3	3173.4	3540.3	3907.2	4259.1	4610.9	*4793.6*	4610.9	4259.1
55°	3739.8	3541.9	3540.8	3539.8	3961.3	4383.1	4815.4	5248.0	*5491.9*	5248.0	4815.4
57.5°	4222.3	4037.0	3993.0	3948.7	4389.6	4830.3	5307.7	5785.2	*6041.6*	5785.2	5307.7
60°	4658.4	4556.3	4485.8	4415.4	4868.1	5320.9	5814.1	6307.0	*6562.7*	6307.0	5814.1
62.5°	4797.0	4979.4	4974.2	4969.0	5457.7	5946.4	6459.2	6972.4	*7202.0*	6972.4	6459.2
65°	*4413.1*	*4704.0*	*4904.2*	*5104.2*	*5695.0*	*6285.5*	*6819.9*	*7354.2*	*7588.8*	*7354.2*	*6819.9*
67.5°	3916.5	4173.1	4336.9	4500.8	5166.4	5832.1	6438.5	7044.8	*7286.1*	7044.8	6438.5
70°	3501.8	3785.8	3902.9	4020.0	4585.5	5150.8	5630.5	6110.0	*6204.6*	6110.0	5630.5
72.5°	3099.8	3437.7	3487.3	3536.9	3948.4	4359.9	4615.4	4870.9	*4664.6*	4870.9	4615.4
75°	2642.6	3023.5	3056.6	3089.8	3218.0	3346.4	3411.4	3476.5	*3359.3*	3476.5	3411.4
77.5°	1834.0	2164.0	2238.3	2312.6	2398.0	2483.6	2479.2	2474.7	*2309.9*	2474.7	2479.2
80°	1140.8	1398.9	1408.5	1418.2	1482.3	1546.2	1611.6	1676.9	*1572.2*	1676.9	1611.6
82.5°	583.0	724.9	746.7	768.5	807.8	847.0	865.2	883.7	*795.0*	883.7	865.2
85°	137.2	174.1	209.7	245.3	286.5	327.7	323.0	318.4	*268.6*	318.4	323.0
87.5°	8.2	8.6	8.8	9.0	9.1	9.3	9.8	10.4	*10.7*	10.4	9.8
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364171
CATALOG NUMBER: GSS-SB2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5	1167.5
2.5°	1286.0	1283.2	1280.3	1275.3	1270.5	1266.0	1261.5
5°	1435.7	1425.4	1415.0	1401.4	1387.8	1367.7	1347.5
7.5°	1550.3	1537.1	1523.8	1503.1	1482.3	1458.3	1434.3
10°	1610.2	1598.0	1585.6	1565.4	1545.3	1517.0	1488.9
12.5°	1617.3	1609.6	1601.7	1586.3	1570.8	1543.7	1516.7
15°	1567.2	1571.1	1574.9	1568.4	1561.8	1546.0	1530.1
17.5°	1478.2	1499.7	1521.2	1533.0	1545.0	1539.2	1533.7
20°	1383.3	1423.6	1463.9	1495.5	1527.4	1536.4	1545.3
22.5°	1290.2	1345.1	1400.3	1453.8	1507.4	1532.6	1557.9
25°	1216.7	1281.4	1346.2	1418.4	1490.7	1534.2	1577.6
27.5°	1154.1	1224.4	1294.6	1384.2	1473.7	1540.0	1606.2
30°	1109.3	1182.7	1256.1	1363.4	1470.5	1558.6	1646.5
32.5°	1084.2	1158.9	1233.8	1353.7	1473.7	1584.7	1695.7
35°	1093.2	1162.5	1232.0	1364.8	1497.9	1638.4	1779.0
37.5°	1187.6	1234.8	1282.1	1419.1	1556.1	1720.5	1884.7
40°	1407.1	1409.6	1412.5	1541.9	1671.6	1856.0	2040.4
42.5°	1785.3	1722.6	1659.9	1764.5	1869.1	2063.9	2258.9
45°	2283.4	2144.1	2004.6	2077.5	2150.6	2340.4	2530.2
47.5°	2850.7	2618.8	2386.9	2428.5	2470.2	2630.1	2789.8
50°	3404.9	3096.0	2787.1	2795.2	2803.3	2947.0	3090.7
52.5°	3907.2	3540.3	3173.4	3167.3	3160.9	3318.8	3476.5
55°	4383.1	3961.3	3539.8	3540.8	3541.9	3739.8	3937.6
57.5°	4830.3	4389.6	3948.7	3993.0	4037.0	4222.3	4407.7
60°	5320.9	4868.1	4415.4	4485.8	4556.3	4658.4	4760.4
62.5°	5946.4	5457.7	4969.0	4974.2	4979.4	4797.0	4614.5
65°	*6285.5*	*5695.0*	*5104.2*	*4904.2*	*4704.0*	*4413.1*	*4122.1*
67.5°	5832.1	5166.4	4500.8	4336.9	4173.1	3916.5	3660.1
70°	5150.8	4585.5	4020.0	3902.9	3785.8	3501.8	3217.8
72.5°	4359.9	3948.4	3536.9	3487.3	3437.7	3099.8	2762.1
75°	3346.4	3218.0	3089.8	3056.6	3023.5	2642.6	2261.6
77.5°	2483.6	2398.0	2312.6	2238.3	2164.0	1834.0	1504.1
80°	1546.2	1482.3	1418.2	1408.5	1398.9	1140.8	882.8
82.5°	847.0	807.8	768.5	746.7	724.9	583.0	441.4
85°	327.7	286.5	245.3	209.7	174.1	137.2	100.3
87.5°	9.3	9.1	9.0	8.8	8.6	8.2	8.1
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

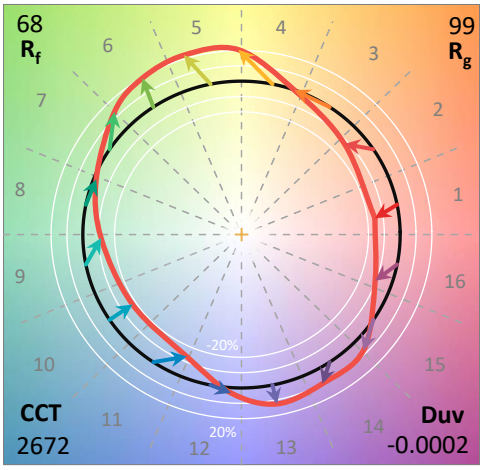
Test Information

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



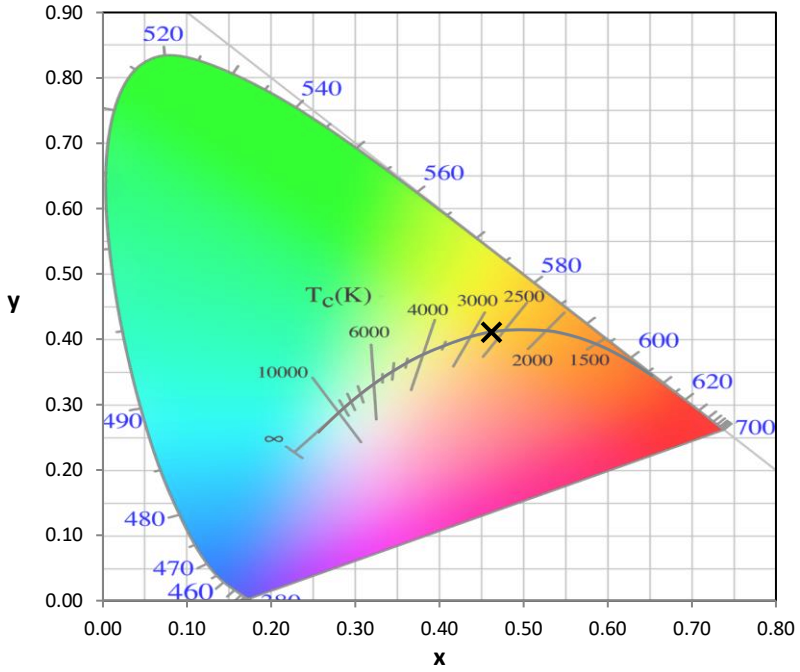
Test Conditions

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

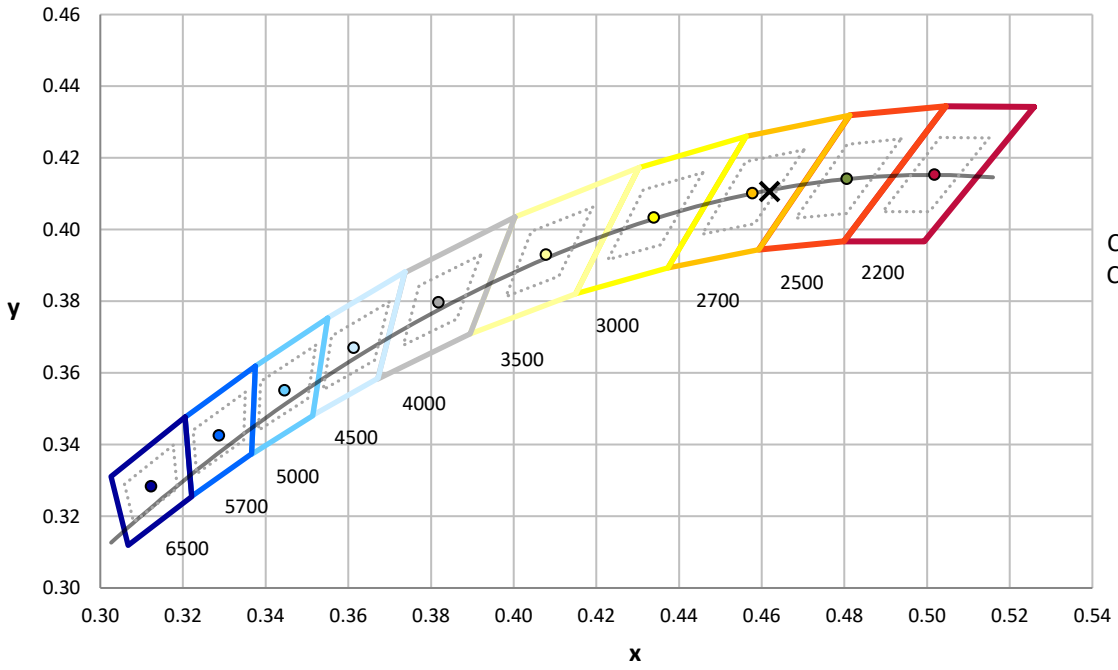
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

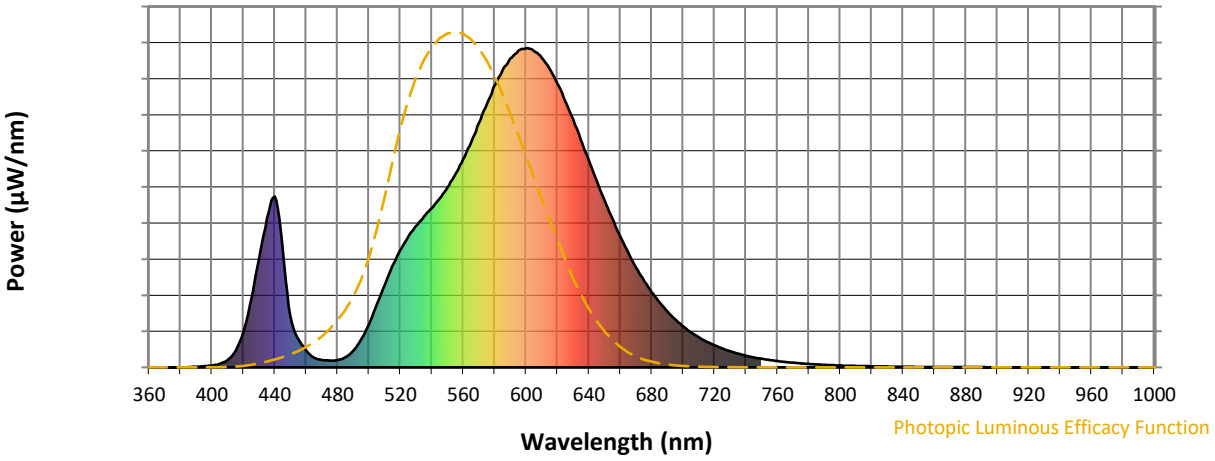


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

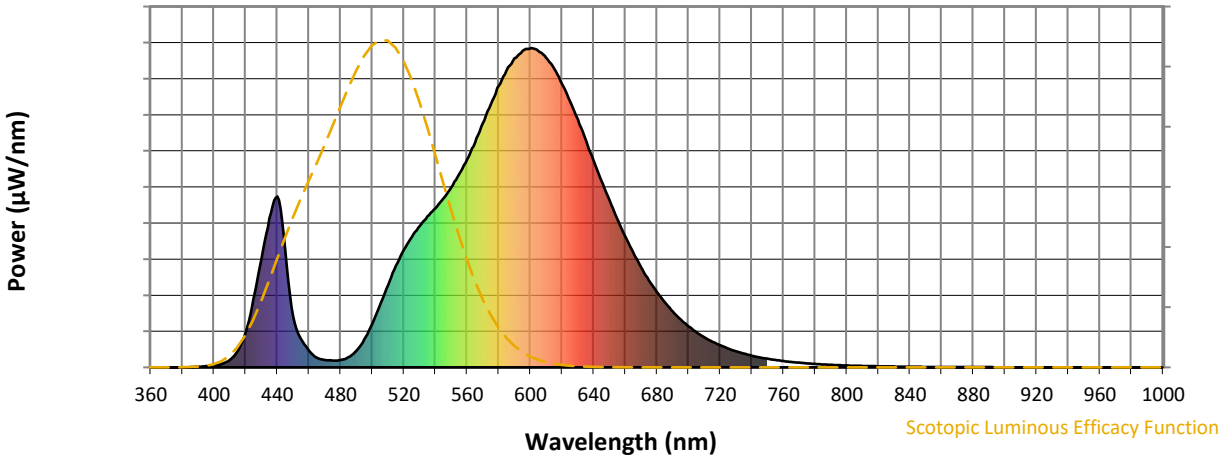


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

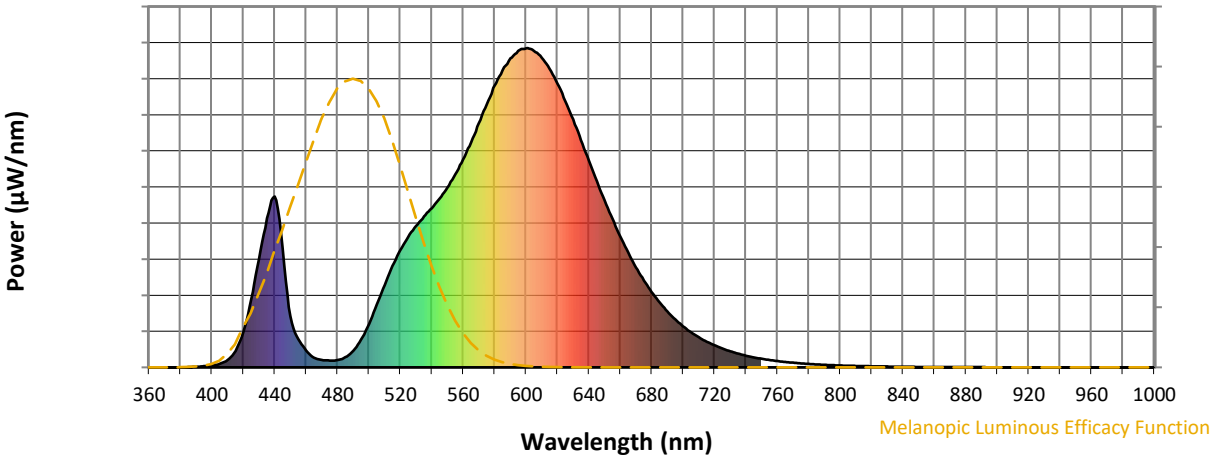


Scotopic Lumens: NR **S/P: 1.02**

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			

REPORT NUMBER: SP1-2407-184-3

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			

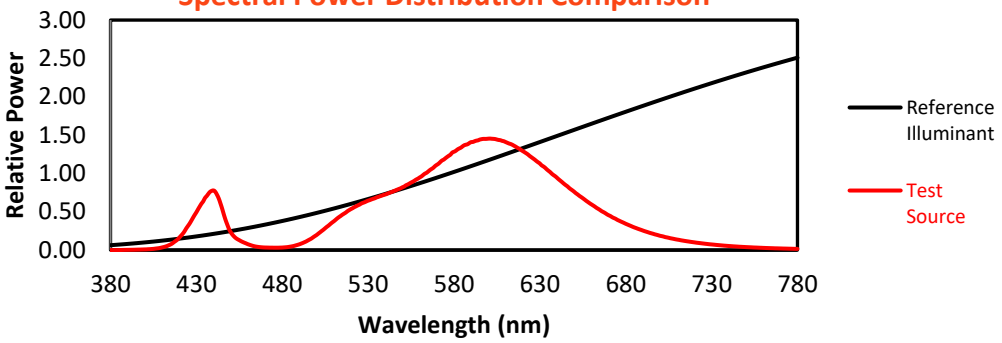
REPORT NUMBER: SP1-2407-184-3

TM-30-18

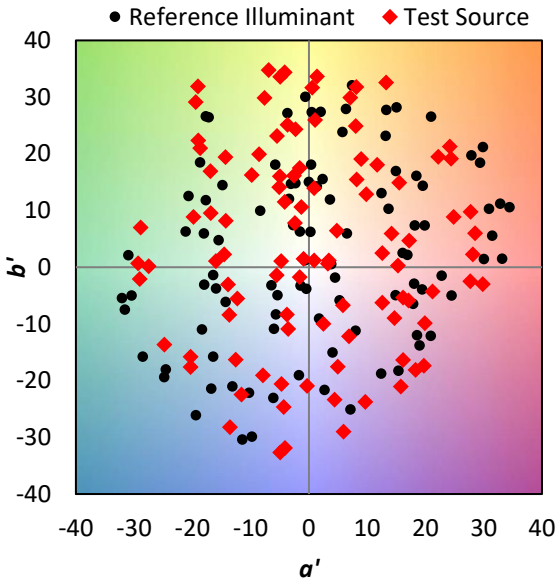
Summary

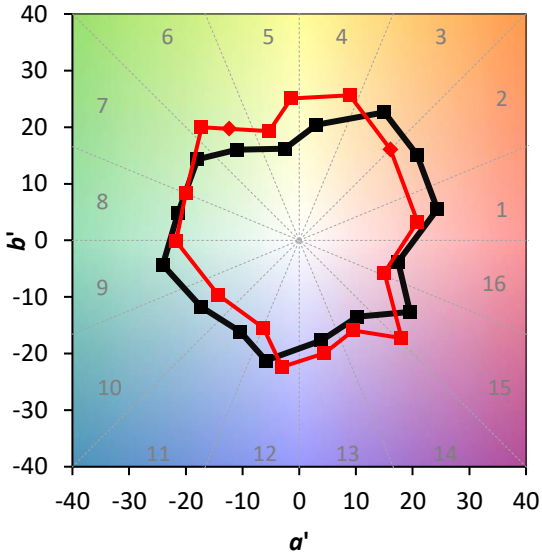
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

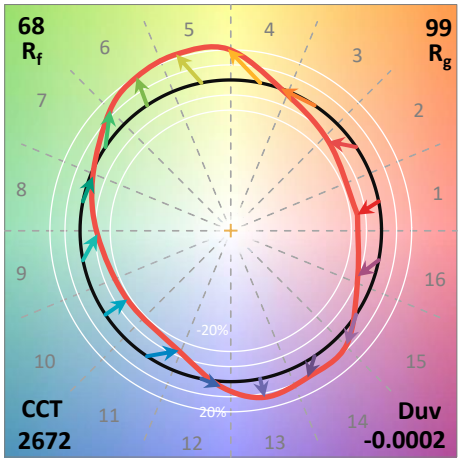
Spectral Power Distribution Comparison

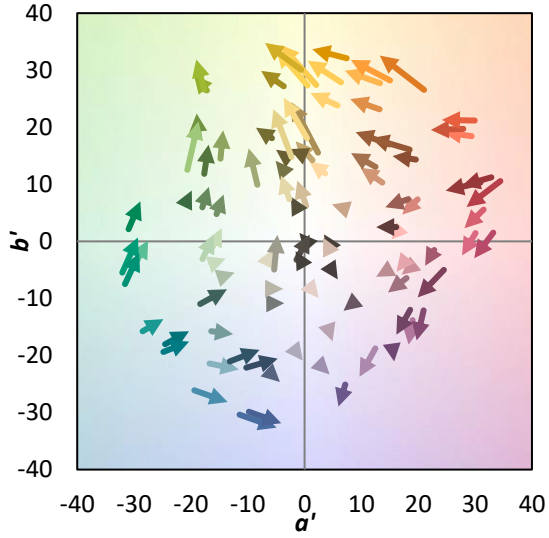


Color Vector Graphics







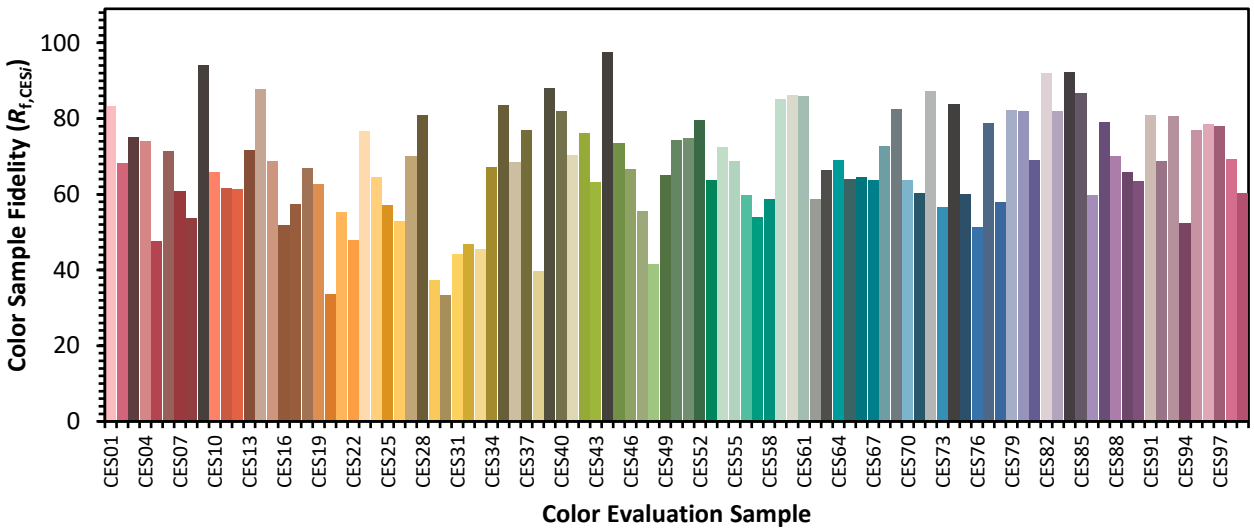


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

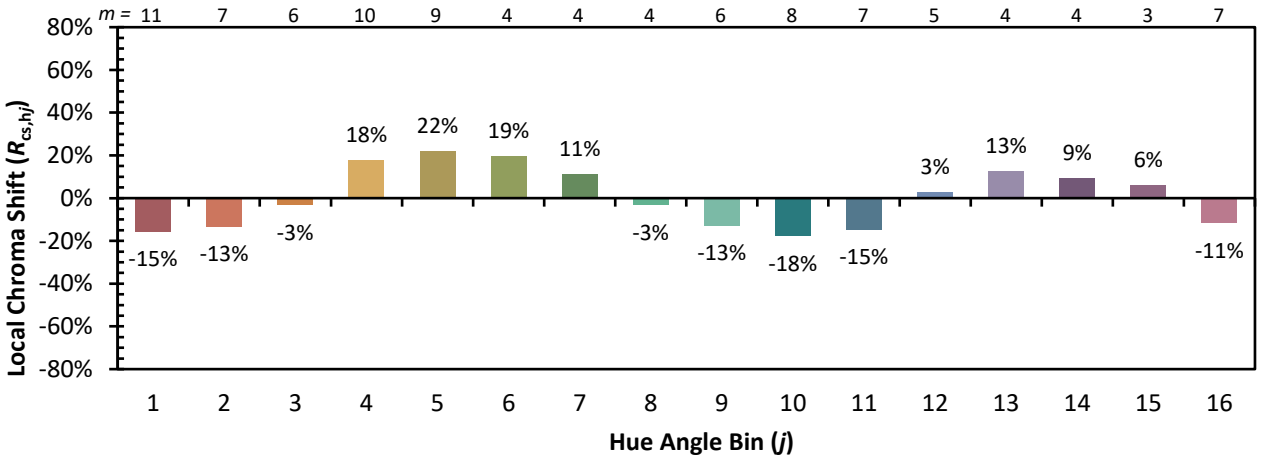
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 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	

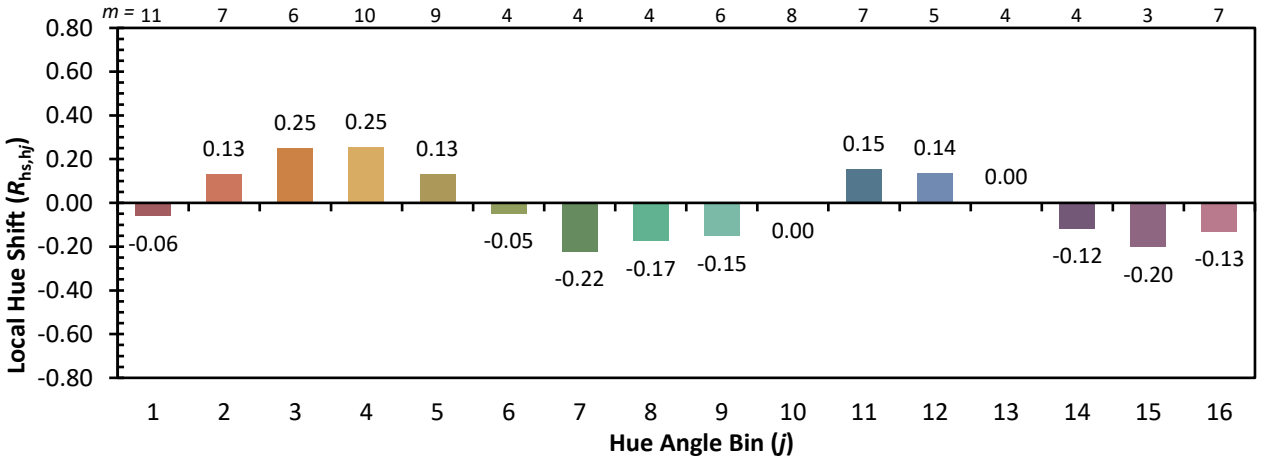


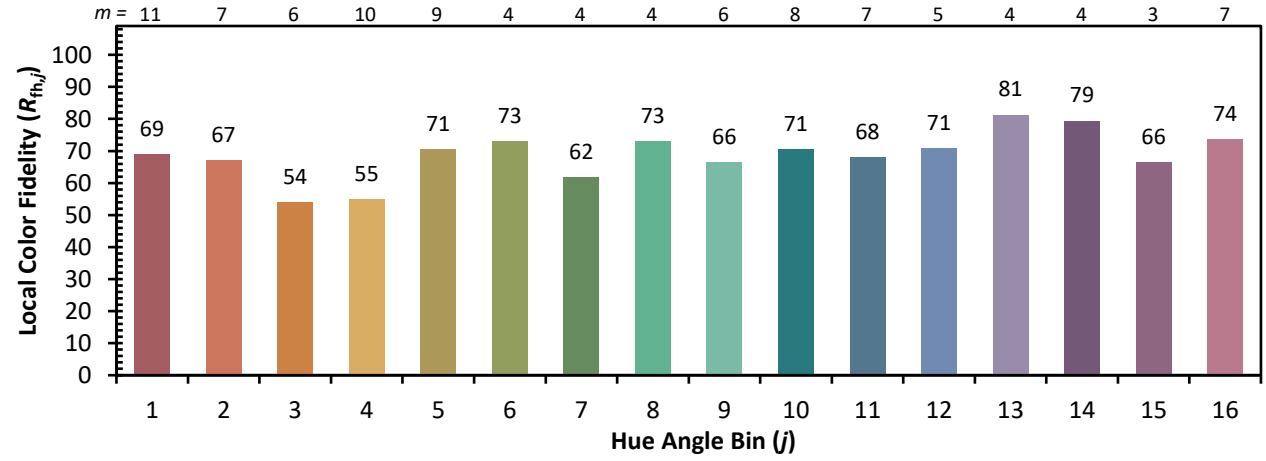
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



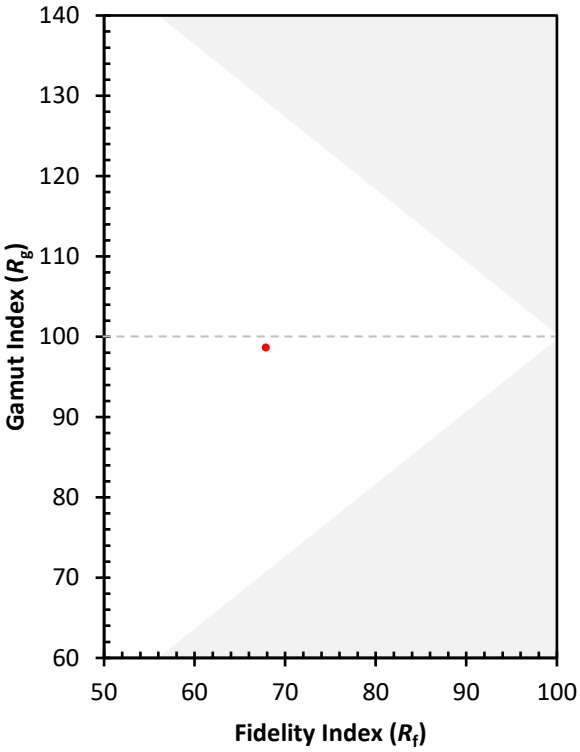


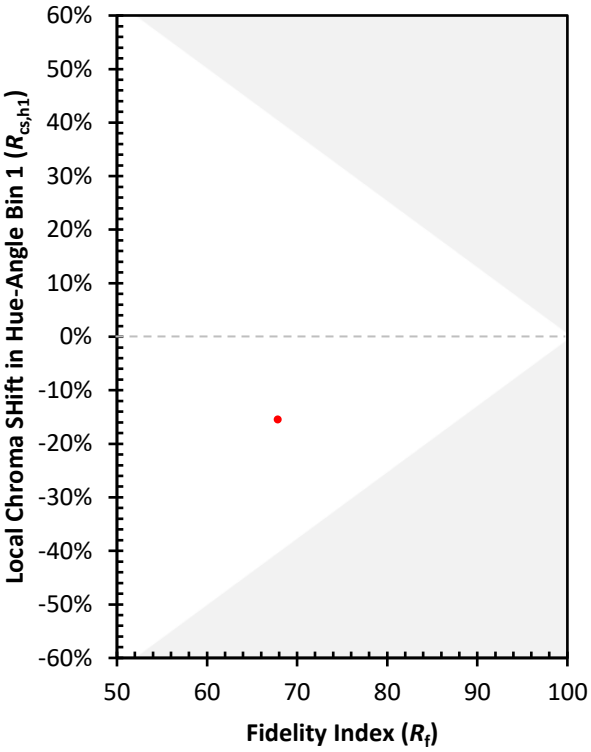


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)