

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: A1911809C001

Luminaire Tested: **LCR6219FSE010MW**

Test Date: 2019-07-22

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: A1911809C001
 Test Lab: EVERFINE
 Test Date: 2019-07-22
 Issue Date: 2019-07-24 19:26:10
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: LCR6219FSE010MW
 Description: LCR 6INCH LED RECESSED FIXTURE 90CRI 3000K
 Light Source:
 (1) HIGH LED
 Ballast/Driver: -

Summary

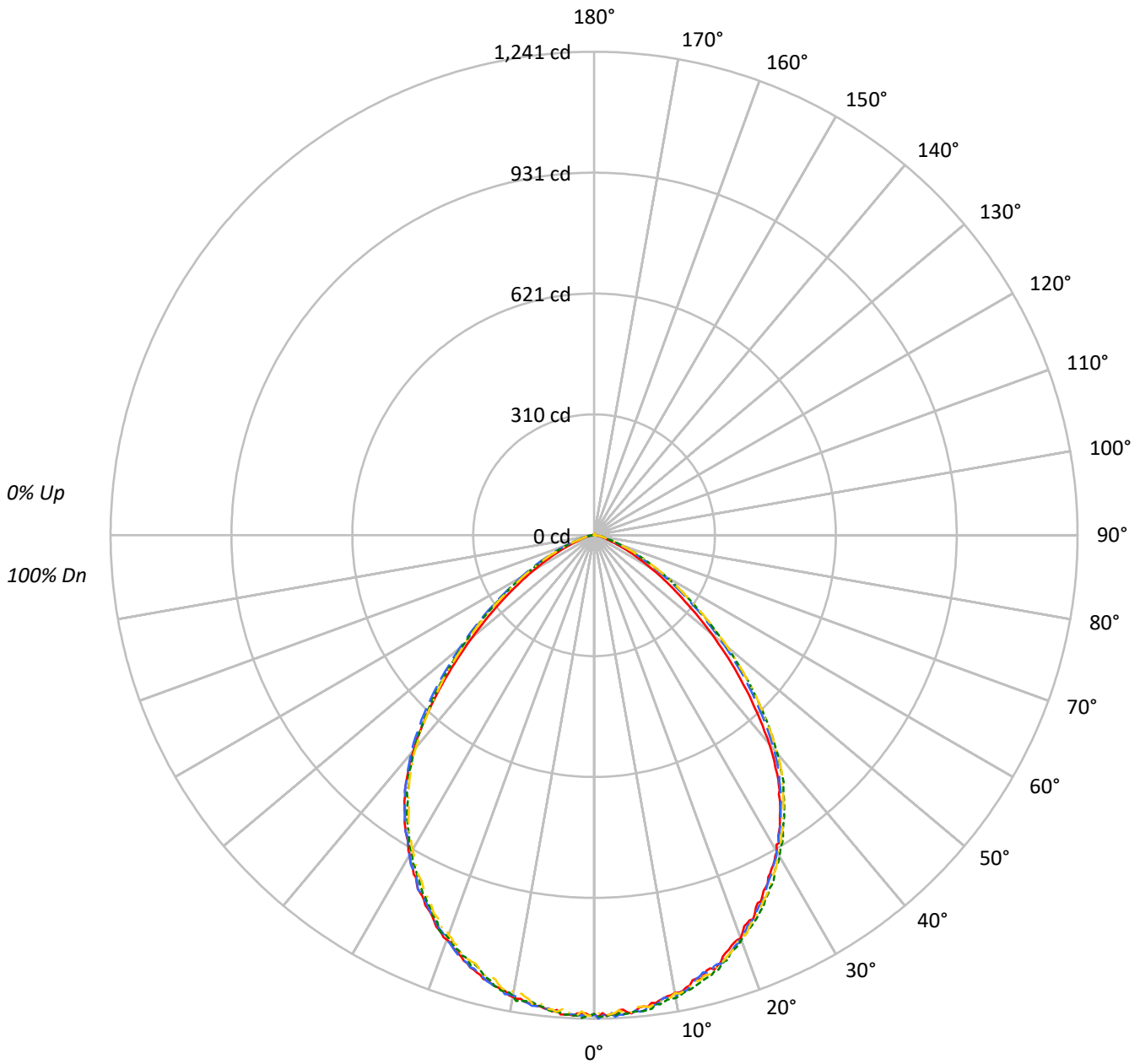
Lumens per Lamp: N/A
 Luminaire Lumens: 2329.2 lumens
 Efficiency: N/A
 Efficacy: 95.9 lumens/watt
 Spacing Criteria (0/90/45): 1.15 / 1.15 / 1.21
 Luminous Opening: Circular (Dia: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 24.3
 Input Voltage (V): NR
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	93	94	92	91	89
2	103	97	91	86	101	95	90	85	91	87	83	88	85	82	85	82	80	78
3	96	87	80	75	93	85	79	74	83	77	73	80	75	72	77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	82	71	63	58	80	70	63	57	68	62	57	66	61	56	65	60	56	54
6	77	65	57	51	75	64	57	51	62	56	51	61	55	50	59	54	50	48
7	72	59	52	46	70	59	51	46	57	51	46	56	50	45	55	49	45	43
8	67	55	47	42	65	54	47	42	53	46	41	52	46	41	51	45	41	39
9	63	51	43	38	61	50	43	38	49	42	38	48	42	38	47	41	37	36
10	59	47	40	35	58	46	39	35	45	39	35	45	39	35	44	38	34	33

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	67345	67345	67345	67345
5°	67427	67531	67542	67547
10°	66390	67152	66987	66838
15°	65301	66303	65983	65228
20°	64225	64474	64451	64046
25°	61821	62697	62493	61983
30°	59385	60258	59900	59385
35°	55621	56915	56742	55753
40°	50114	52378	51555	51335
45°	42064	45601	43771	44779
50°	33626	38000	34971	37340
55°	25435	30375	26753	29938
60°	18455	23501	19401	22892
65°	12545	17215	13304	16778
70°	7568	11670	8045	11511
75°	5841	7584	6135	7584
80°	4541	6639	5073	6733
85°	2995	5802	3182	5802

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.0	5.0
10°-20°	325.8	14.0
20°-30°	472.3	20.3
30°-40°	523.2	22.5
40°-50°	442.2	19.0
50°-60°	274.6	11.8
60°-70°	124.6	5.4
70°-80°	38.1	1.6
80°-90°	8.8	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.6	0.0
140°-150°	0.9	0.0
150°-160°	0.9	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	914.0	39.2
0°-40°	1437.2	61.7
0°-60°	2154.0	92.5
0°-90°	2325.5	99.8
90°-120°	0.1	0.0
90°-150°	1.7	0.1
90°-180°	4.0	0.2
0°-180°	2329.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1228	1228	1228	1228	1228	
5°	1225	1227	1227	1227	1225	116
15°	1151	1168	1163	1149	1151	325
25°	1022	1037	1033	1025	1022	469
35°	831	850	848	833	831	517
45°	543	588	565	578	543	418
55°	266	318	280	313	266	241
65°	97	133	103	129	97	99
75°	28	36	29	36	28	30
85°	5	9	5	9	5	6
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	1	0	0	1	1	1
145°	2	1	1	1	2	1
155°	3	2	2	2	3	1
165°	3	3	3	3	3	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5
0.5°	1236.8	1230.1	1240.8	1227.4	1235.9	1226.3	1226.4	1231.3	1233.4	1227.0	1239.0
1°	1226.7	1231.9	1233.8	1231.1	1236.1	1227.8	1228.6	1233.5	1227.4	1228.4	1232.3
1.5°	1235.0	1226.9	1227.2	1224.0	1234.4	1228.8	1231.6	1228.8	1228.1	1229.8	1233.4
2°	1229.7	1230.9	1224.4	1225.2	1231.8	1222.7	1230.1	1224.5	1228.4	1228.0	1232.6
2.5°	1235.6	1227.4	1237.8	1226.3	1233.8	1229.0	1227.3	1232.4	1234.2	1228.2	1231.3
3°	1220.5	1231.6	1232.5	1222.0	1228.2	1231.8	1220.6	1233.0	1231.9	1229.3	1230.2
3.5°	1220.0	1233.8	1233.3	1220.4	1231.8	1232.5	1226.8	1232.7	1232.3	1222.8	1230.7
4°	1227.8	1224.7	1224.9	1227.2	1231.1	1228.5	1229.2	1231.9	1233.0	1229.2	1228.2
4.5°	1231.0	1226.9	1230.7	1222.2	1228.7	1223.9	1228.6	1227.2	1222.2	1223.7	1225.7
5°	1225.3	1225.9	1224.5	1220.8	1227.2	1224.9	1216.3	1218.4	1227.4	1223.0	1224.8
5.5°	1217.5	1218.3	1229.0	1223.2	1228.2	1224.1	1216.5	1220.7	1221.1	1218.7	1219.8
6°	1216.0	1219.3	1226.5	1222.6	1228.1	1221.0	1215.8	1218.4	1221.6	1219.5	1224.1
6.5°	1218.6	1218.0	1221.0	1219.3	1226.5	1219.2	1219.5	1219.2	1217.3	1213.8	1219.6
7°	1209.6	1214.9	1217.9	1219.0	1223.9	1219.8	1216.6	1216.6	1216.8	1211.6	1217.8
7.5°	1211.2	1216.3	1215.2	1212.7	1213.7	1218.0	1212.8	1211.9	1213.9	1213.2	1218.6
8°	1205.9	1204.4	1209.9	1205.9	1216.1	1206.4	1210.1	1209.1	1212.4	1208.5	1213.3
8.5°	1202.7	1204.8	1201.1	1208.6	1211.2	1203.3	1206.3	1207.8	1210.7	1207.0	1210.0
9°	1198.7	1199.1	1202.3	1200.0	1206.9	1204.7	1207.1	1206.6	1204.9	1204.7	1208.1
9.5°	1197.6	1198.8	1203.9	1197.5	1206.6	1205.4	1201.0	1200.6	1206.4	1199.2	1201.1
10°	1192.7	1195.0	1203.6	1190.6	1206.3	1201.7	1193.8	1202.6	1203.4	1196.7	1199.6
10.5°	1194.0	1190.1	1195.9	1192.8	1203.0	1194.0	1197.0	1199.0	1200.7	1193.8	1199.0
11°	1191.7	1185.8	1193.3	1187.8	1197.3	1201.3	1193.8	1194.0	1192.8	1185.1	1200.3
11.5°	1184.8	1185.5	1192.4	1182.1	1193.7	1193.2	1187.5	1191.4	1189.2	1186.5	1189.1
12°	1181.9	1180.5	1185.3	1183.7	1191.4	1187.6	1183.4	1185.3	1186.4	1188.9	1183.5
12.5°	1170.0	1177.2	1176.4	1173.0	1187.8	1181.8	1174.1	1184.0	1184.5	1182.3	1185.1
13°	1167.6	1176.0	1168.7	1169.0	1182.6	1176.0	1174.5	1181.3	1179.7	1177.3	1181.0
13.5°	1172.5	1164.7	1163.9	1168.7	1178.5	1176.0	1173.6	1177.2	1175.4	1173.1	1177.6
14°	1163.0	1163.0	1156.4	1164.7	1173.9	1168.2	1165.8	1171.4	1174.4	1167.0	1170.6
14.5°	1154.1	1162.1	1160.2	1156.0	1171.3	1164.4	1166.2	1163.4	1166.1	1163.0	1165.9
15°	1150.6	1158.8	1161.7	1155.7	1168.3	1155.8	1164.2	1158.0	1162.6	1160.4	1159.8
15.5°	1156.5	1148.9	1149.0	1157.8	1160.0	1153.5	1154.1	1154.4	1157.0	1156.4	1154.2
16°	1149.5	1146.4	1145.4	1148.1	1160.0	1151.9	1149.4	1153.0	1154.0	1143.1	1153.6
16.5°	1143.7	1140.2	1147.8	1142.5	1150.8	1147.3	1146.3	1141.9	1145.7	1139.6	1145.3
17°	1130.8	1126.6	1139.2	1133.3	1143.8	1139.9	1141.4	1138.6	1142.5	1138.9	1141.7
17.5°	1123.8	1124.2	1132.5	1128.6	1143.2	1136.9	1134.6	1135.5	1134.2	1132.0	1137.2
18°	1118.6	1117.2	1128.0	1116.2	1128.5	1126.0	1127.7	1132.9	1128.4	1125.4	1132.0
18.5°	1111.1	1109.8	1121.4	1117.5	1123.8	1125.0	1122.4	1124.8	1123.0	1122.6	1125.3
19°	1106.2	1104.1	1114.3	1111.1	1119.4	1114.6	1113.6	1113.2	1117.3	1116.6	1117.6
19.5°	1101.7	1099.5	1110.0	1106.3	1114.4	1108.9	1105.8	1112.5	1108.7	1109.9	1110.9
20°	1100.9	1088.3	1099.3	1101.6	1105.2	1106.3	1104.9	1109.8	1104.8	1100.1	1106.4
20.5°	1088.6	1082.5	1089.9	1090.3	1098.8	1096.4	1097.7	1099.3	1102.3	1094.5	1097.0
21°	1075.0	1076.9	1086.4	1083.9	1093.3	1091.7	1094.4	1095.5	1093.6	1086.6	1089.7
21.5°	1070.9	1074.9	1075.8	1078.6	1086.0	1082.6	1083.3	1087.9	1088.0	1082.9	1084.8
22°	1065.6	1061.2	1073.9	1072.3	1080.5	1077.5	1075.5	1079.5	1082.7	1074.2	1077.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1066.9	1067.0	1065.6	1064.7	1074.6	1073.3	1069.4	1072.4	1072.5	1068.1	1070.2
23°	1056.0	1049.8	1055.1	1057.8	1068.5	1063.0	1064.3	1065.7	1062.9	1063.7	1062.3
23.5°	1041.8	1039.4	1049.5	1053.6	1061.2	1056.8	1055.9	1058.4	1055.2	1048.7	1053.2
24°	1033.4	1036.7	1041.2	1044.5	1053.2	1047.6	1049.0	1055.4	1049.4	1045.7	1046.3
24.5°	1032.8	1025.9	1037.5	1033.8	1047.8	1040.2	1040.1	1040.8	1043.9	1037.3	1038.3
25°	1022.1	1017.7	1029.4	1022.6	1036.5	1028.5	1032.4	1031.9	1033.2	1029.7	1030.9
25.5°	1010.6	1008.0	1017.8	1018.4	1028.4	1021.5	1025.9	1026.4	1025.2	1019.5	1029.8
26°	1005.8	1000.2	1008.7	1004.4	1021.4	1013.8	1018.6	1017.4	1020.2	1011.6	1019.6
26.5°	998.4	995.9	998.2	1000.4	1011.2	1008.6	1008.1	1010.6	1013.4	1001.6	1014.4
27°	984.9	983.7	990.9	988.6	1006.7	999.1	999.9	1002.4	1002.9	999.5	1000.0
27.5°	978.6	977.0	982.8	981.5	998.5	990.1	992.4	992.8	990.0	988.6	989.2
28°	970.2	969.5	973.0	971.1	986.4	981.3	982.5	984.3	985.7	979.1	985.6
28.5°	963.7	961.5	964.2	964.2	975.1	971.0	976.8	974.4	974.9	971.4	974.9
29°	955.4	950.1	956.0	955.2	968.2	964.1	966.3	968.3	967.2	962.3	968.5
29.5°	945.0	939.4	949.5	946.5	961.6	954.3	955.5	959.5	958.2	952.2	958.8
30°	938.1	931.4	937.1	937.0	951.9	944.9	943.4	948.9	946.3	946.2	948.5
30.5°	921.5	921.9	930.8	924.9	940.6	936.8	936.8	940.0	939.0	938.1	939.7
31°	921.5	916.7	919.3	918.3	931.7	928.9	927.6	928.2	926.0	925.4	928.3
31.5°	905.5	906.7	906.7	906.3	924.5	918.1	919.5	919.4	916.2	916.7	915.5
32°	895.5	895.0	898.8	903.0	915.2	908.2	906.8	908.8	908.3	909.2	906.6
32.5°	888.0	881.9	887.8	890.5	901.9	897.7	898.9	900.1	899.8	894.1	902.1
33°	876.1	873.4	876.3	878.8	891.5	888.1	889.1	890.3	891.1	886.8	888.4
33.5°	863.8	862.8	868.3	869.6	882.0	877.9	877.6	881.7	881.4	881.7	878.5
34°	853.6	851.8	856.4	858.2	872.2	868.5	867.7	870.2	867.1	867.8	868.4
34.5°	843.2	842.8	845.8	843.0	861.4	856.7	857.9	860.4	858.6	853.6	856.8
35°	831.1	833.0	835.8	834.7	850.5	850.1	847.1	851.8	847.9	843.9	846.7
35.5°	816.5	819.0	827.2	826.6	840.5	837.1	837.2	839.9	838.6	834.7	837.0
36°	809.7	808.3	814.8	815.5	827.5	825.5	825.5	829.0	825.7	823.3	824.3
36.5°	797.4	797.5	802.8	805.9	816.4	815.2	815.7	815.1	816.1	813.5	815.2
37°	785.1	784.4	790.5	792.7	807.2	804.1	804.6	807.0	803.4	803.7	803.6
37.5°	771.7	774.4	780.6	782.3	799.0	792.0	793.6	796.2	790.5	790.7	790.8
38°	755.3	762.2	770.4	768.9	785.1	781.6	783.7	783.4	776.7	778.2	778.2
38.5°	743.9	749.9	757.4	756.5	770.3	769.8	772.4	769.6	765.0	767.2	766.9
39°	730.8	736.5	744.7	743.7	758.2	758.4	759.9	756.9	750.5	755.5	754.1
39.5°	715.0	721.8	730.8	728.9	745.0	745.4	746.5	743.2	736.8	742.3	743.3
40°	700.3	706.9	718.1	718.7	731.9	731.6	732.4	731.2	720.4	728.0	731.4
40.5°	685.0	693.5	703.0	705.9	717.0	718.2	718.2	716.3	704.9	713.8	718.3
41°	667.3	678.6	690.0	692.1	704.0	705.0	703.9	699.9	692.5	699.2	705.1
41.5°	652.7	662.2	675.8	679.6	691.9	690.4	690.2	687.0	674.7	683.3	691.3
42°	635.8	646.9	662.5	663.3	676.7	676.9	675.8	671.8	659.2	669.2	675.5
42.5°	620.4	631.5	647.5	647.7	662.7	662.2	662.7	657.9	642.9	655.1	661.6
43°	604.0	616.5	631.9	631.5	648.8	647.4	646.9	642.4	627.6	641.4	650.0
43.5°	589.0	601.5	616.4	617.6	633.8	632.9	633.3	625.3	612.0	626.4	636.7
44°	574.4	587.2	601.4	603.6	618.6	617.7	619.1	609.6	596.1	611.0	620.5
44.5°	558.4	571.4	587.8	590.1	602.9	604.7	603.9	594.9	580.7	595.2	604.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	542.6	556.6	574.4	576.2	588.2	590.2	589.8	578.7	564.6	579.7	591.8
45.5°	527.2	541.6	560.0	561.6	573.0	574.3	575.3	563.3	548.2	565.3	578.1
46°	511.8	526.1	545.9	546.7	559.5	560.0	560.4	547.4	532.5	550.7	562.7
46.5°	496.5	511.3	532.8	532.1	546.2	544.6	546.3	532.5	516.0	535.0	547.3
47°	482.1	496.9	517.5	518.4	530.5	531.0	531.0	518.7	500.2	520.1	534.0
47.5°	466.9	483.0	503.1	505.0	515.7	515.9	518.2	503.3	483.9	505.0	519.5
48°	451.6	468.0	489.2	492.0	502.1	502.6	502.7	487.0	469.0	490.4	504.8
48.5°	437.2	453.5	475.3	476.9	487.2	487.8	489.7	473.6	453.5	475.9	491.2
49°	422.0	439.2	461.5	462.9	472.6	474.6	476.3	457.9	439.0	461.6	477.3
49.5°	408.5	425.5	447.5	449.0	460.3	459.6	461.6	443.3	424.7	447.4	462.9
50°	394.3	411.7	432.5	434.2	445.6	445.8	447.5	428.5	410.1	433.8	450.0
50.5°	380.4	397.5	418.2	421.7	431.5	431.5	433.6	415.3	395.4	419.4	435.9
51°	365.8	383.0	406.9	408.0	418.2	418.5	420.4	401.1	381.1	406.0	422.5
51.5°	352.8	369.1	393.6	395.1	404.7	405.4	406.8	387.2	367.8	392.4	409.7
52°	339.3	356.4	380.3	380.9	391.4	391.4	393.7	373.5	354.3	379.7	396.4
52.5°	326.4	343.7	367.1	368.5	378.3	378.4	380.6	361.3	341.2	366.5	383.7
53°	313.6	331.2	355.0	355.4	366.0	366.5	367.7	349.0	328.2	353.4	370.8
53.5°	301.0	318.7	342.9	343.9	353.7	354.5	355.0	336.3	315.2	340.9	358.6
54°	289.2	306.8	331.6	331.0	341.4	342.2	343.3	323.2	303.2	328.6	345.8
54.5°	277.7	294.8	318.1	319.8	329.0	330.3	331.6	311.5	291.7	316.0	334.4
55°	266.1	283.7	306.6	309.5	317.8	318.3	320.1	300.2	279.9	304.6	322.4
55.5°	255.1	272.7	295.3	298.0	306.7	307.1	308.1	288.6	268.1	292.7	310.6
56°	244.5	261.6	284.8	286.5	295.2	295.4	296.7	277.5	256.5	281.3	299.0
56.5°	234.1	250.4	273.2	276.1	284.5	284.9	285.8	265.9	245.8	269.5	288.1
57°	223.8	239.3	263.0	266.0	273.4	274.3	274.8	255.0	234.9	258.8	277.1
57.5°	214.0	229.5	252.1	255.1	263.0	264.1	264.4	244.6	224.6	249.2	266.5
58°	204.3	219.6	242.3	245.3	253.0	253.7	254.0	234.7	214.4	238.7	256.8
58.5°	195.1	210.0	231.9	235.8	243.6	243.9	243.6	224.1	205.1	228.8	247.2
59°	185.8	200.4	221.7	225.6	233.8	233.8	233.5	214.3	195.4	219.4	236.9
59.5°	176.9	191.3	212.7	216.6	223.7	224.5	223.9	204.9	186.1	209.5	226.9
60°	168.3	182.5	203.6	207.6	214.3	215.4	214.6	195.5	177.0	200.3	218.1
60.5°	160.1	173.9	194.8	199.0	205.2	206.6	205.7	186.7	168.2	191.7	209.6
61°	152.6	165.3	186.7	190.0	196.1	197.5	197.1	177.8	160.2	183.0	200.2
61.5°	145.1	157.5	178.1	181.7	187.8	188.7	188.3	168.8	151.9	174.6	191.8
62°	137.8	149.9	170.0	173.4	179.2	180.3	179.5	160.3	144.5	166.0	182.5
62.5°	130.1	141.6	162.1	165.3	170.8	171.9	171.4	152.7	136.9	158.2	174.6
63°	122.9	134.3	153.9	157.4	162.7	163.7	163.3	144.7	129.3	150.4	166.5
63.5°	116.2	127.3	146.6	150.1	154.8	155.5	155.3	137.2	122.4	142.4	158.6
64°	109.3	120.2	139.4	142.6	147.3	148.1	147.7	129.6	115.7	135.3	151.6
64.5°	102.9	113.4	132.3	135.6	139.9	140.9	140.3	122.4	108.8	128.0	144.0
65°	96.7	107.0	125.7	128.4	132.7	133.5	133.2	115.7	102.6	121.1	136.7
65.5°	90.6	100.9	119.0	121.7	125.5	126.6	126.0	108.7	96.4	114.7	129.4
66°	85.1	94.4	112.4	115.1	118.9	119.8	119.2	102.4	90.5	107.8	122.7
66.5°	79.4	88.7	105.9	108.5	112.4	113.4	112.6	96.1	84.9	101.6	115.9
67°	74.2	83.5	99.7	102.3	106.1	107.1	106.3	90.3	79.3	95.6	109.5

TEST NUMBER: A1911809C001
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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	68.6	78.3	93.8	96.3	99.9	101.0	100.4	84.6	74.2	90.2	103.0
68°	63.6	73.3	88.2	90.5	93.9	95.0	94.4	79.1	69.0	84.6	97.0
68.5°	58.7	68.6	82.8	84.9	88.5	89.4	89.0	73.9	64.0	79.3	91.1
69°	54.4	64.1	77.6	79.6	83.1	84.2	83.5	68.8	59.2	74.1	85.5
69.5°	50.1	59.6	72.3	74.3	77.8	79.1	78.0	64.2	54.7	69.4	79.9
70°	47.2	55.7	67.3	69.5	72.8	74.0	72.6	59.9	50.2	64.8	74.9
70.5°	44.7	52.2	62.6	64.8	68.1	69.1	67.8	55.6	46.4	60.5	69.8
71°	42.3	49.1	57.9	60.3	63.6	64.7	62.9	52.0	43.8	56.6	65.0
71.5°	39.9	45.9	53.9	56.0	59.3	60.1	58.5	48.4	41.6	53.2	60.3
72°	37.8	42.9	49.7	52.1	55.1	56.0	54.3	45.1	39.5	49.6	56.2
72.5°	35.8	40.0	46.0	48.3	51.4	52.3	50.3	42.1	37.5	46.3	52.1
73°	33.9	37.3	42.4	44.9	47.7	48.7	46.4	39.3	35.6	43.1	48.2
73.5°	32.1	34.8	39.3	41.7	44.3	45.1	42.9	36.8	33.8	40.2	44.5
74°	30.6	32.4	36.4	38.8	41.1	42.0	39.7	34.1	32.3	37.4	41.4
74.5°	29.1	30.3	33.8	36.2	38.3	39.0	36.9	31.8	30.6	34.6	38.1
75°	27.6	28.4	31.5	33.9	35.8	36.4	34.1	30.0	29.0	32.2	35.4
75.5°	26.0	26.7	29.9	32.1	33.5	34.0	31.9	28.4	27.7	30.0	33.0
76°	24.7	25.3	28.4	30.7	31.7	32.1	29.8	26.6	26.5	28.0	31.0
76.5°	23.2	23.8	27.0	29.3	30.3	30.6	28.3	25.0	24.9	26.2	29.4
77°	21.9	22.4	25.5	28.0	28.9	29.2	27.0	23.6	23.6	24.9	28.1
77.5°	20.7	21.2	24.1	26.7	27.6	27.8	25.5	22.3	22.2	23.5	26.6
78°	19.4	19.9	22.7	25.2	26.2	26.5	24.2	21.0	21.0	22.0	25.2
78.5°	18.2	18.6	21.4	24.0	24.8	25.0	22.7	19.7	19.8	20.8	23.9
79°	16.9	17.4	20.2	22.6	23.5	23.6	21.4	18.4	18.5	19.5	22.5
79.5°	15.7	15.9	19.1	21.4	22.2	22.3	20.2	17.2	17.4	18.3	21.3
80°	14.4	14.7	17.8	20.1	21.0	21.0	19.0	15.9	16.1	17.0	20.1
80.5°	13.2	13.4	16.6	18.8	19.8	19.9	17.8	14.6	14.9	15.7	18.9
81°	12.1	12.2	15.4	17.7	18.5	18.7	16.6	13.4	13.6	14.5	17.8
81.5°	10.9	10.9	14.3	16.5	17.4	17.5	15.4	12.2	12.4	13.3	16.6
82°	9.8	9.9	13.2	15.3	16.1	16.3	14.3	10.9	11.4	12.1	15.4
82.5°	8.7	8.9	11.8	14.1	14.9	15.1	13.2	9.8	10.1	11.1	14.4
83°	7.5	7.8	11.1	13.1	13.8	14.0	12.2	8.6	8.9	10.0	13.3
83.5°	6.7	7.0	10.1	12.0	12.7	12.8	11.2	7.7	7.9	9.0	12.2
84°	6.1	6.6	9.3	10.9	11.5	11.6	10.3	6.7	6.8	8.0	11.2
84.5°	5.5	6.0	8.3	9.8	10.3	10.6	9.2	6.0	6.0	7.2	10.3
85°	4.8	5.3	7.5	8.7	9.2	9.4	8.2	5.3	5.1	6.5	9.2
85.5°	4.3	4.7	6.6	7.7	8.2	8.4	7.2	4.8	4.4	6.1	8.2
86°	3.8	4.2	5.8	6.6	7.1	7.4	6.5	4.2	4.3	5.2	7.3
86.5°	3.4	3.6	4.8	5.6	6.1	6.4	5.8	3.8	3.3	4.6	6.3
87°	2.7	3.0	4.1	4.7	5.1	5.4	4.9	3.0	2.9	4.1	5.4
87.5°	2.0	2.6	3.2	3.6	4.0	4.5	4.0	2.5	2.3	3.2	4.6
88°	1.4	2.0	2.5	2.7	3.1	3.6	3.1	2.0	2.0	2.8	3.9
88.5°	0.7	1.5	1.6	1.8	2.1	2.6	2.4	1.8	1.1	2.0	2.9
89°	0.1	1.0	0.8	0.9	1.1	1.7	1.8	1.0	0.7	1.6	1.9
89.5°	0.0	0.7	0.3	0.0	0.2	0.7	0.8	0.5	0.0	0.8	1.0

TEST NUMBER: A1911809C001
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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.1
90.5°	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.1
91°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
91.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
92°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
92.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
93°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
93.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
94°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
94.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.2	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
122°	0.2	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
122.5°	0.2	0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0
123°	0.2	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
123.5°	0.2	0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
124°	0.2	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0
124.5°	0.3	0.2	0.0	0.1	0.2	0.1	0.2	0.1	0.0	0.1	0.2
125°	0.2	0.2	0.0	0.2	0.3	0.1	0.2	0.0	0.1	0.2	0.1
125.5°	0.2	0.3	0.0	0.2	0.3	0.1	0.3	0.1	0.0	0.2	0.2
126°	0.4	0.3	0.1	0.2	0.2	0.2	0.3	0.1	0.1	0.1	0.2
126.5°	0.5	0.3	0.1	0.2	0.2	0.2	0.3	0.1	0.1	0.2	0.3
127°	0.5	0.4	0.1	0.3	0.3	0.3	0.3	0.1	0.1	0.2	0.1
127.5°	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.2	0.2
128°	0.6	0.5	0.4	0.3	0.2	0.2	0.4	0.2	0.1	0.2	0.2
128.5°	0.5	0.6	0.4	0.4	0.3	0.2	0.4	0.2	0.1	0.3	0.2
129°	0.6	0.6	0.5	0.6	0.4	0.2	0.4	0.2	0.3	0.3	0.2
129.5°	0.7	0.7	0.8	0.6	0.4	0.2	0.5	0.3	0.3	0.3	0.2
130°	0.7	0.7	0.9	0.7	0.4	0.2	0.5	0.3	0.3	0.3	0.3
130.5°	0.7	0.7	0.8	0.7	0.4	0.2	0.4	0.3	0.3	0.4	0.4
131°	0.7	0.7	0.9	0.7	0.5	0.2	0.4	0.3	0.3	0.4	0.3
131.5°	0.8	0.8	0.9	0.7	0.4	0.2	0.4	0.3	0.3	0.4	0.5
132°	0.9	1.0	1.0	0.8	0.5	0.3	0.5	0.3	0.4	0.5	0.4
132.5°	0.9	1.0	1.1	0.9	0.5	0.3	0.5	0.3	0.4	0.5	0.4
133°	1.1	1.1	1.0	1.0	0.5	0.3	0.5	0.4	0.4	0.5	0.4
133.5°	1.1	1.1	1.0	1.0	0.5	0.3	0.6	0.4	0.5	0.5	0.4
134°	1.1	1.0	1.1	1.1	0.5	0.4	0.6	0.3	0.5	0.5	0.4
134.5°	1.0	1.0	1.1	1.1	0.5	0.4	0.6	0.5	0.5	0.5	0.5

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	1.0	1.0	1.1	1.1	0.5	0.3	0.7	0.5	0.5	0.5	0.5
135.5°	1.1	1.0	1.2	1.1	0.5	0.4	0.7	0.5	0.5	0.5	0.5
136°	1.1	1.0	1.2	1.2	0.5	0.4	0.7	0.5	0.5	0.5	0.5
136.5°	1.1	1.0	1.1	1.2	0.6	0.4	0.7	0.5	0.5	0.6	0.6
137°	1.1	1.0	1.1	1.1	0.6	0.4	0.7	0.5	0.5	0.6	0.6
137.5°	1.2	1.0	1.1	1.1	0.6	0.5	0.7	0.5	0.5	0.6	0.7
138°	1.2	1.0	1.2	1.1	0.7	0.5	0.7	0.5	0.7	0.7	0.6
138.5°	1.2	1.1	1.2	1.2	0.7	0.6	0.8	0.5	0.7	0.7	0.7
139°	1.2	1.1	1.2	1.2	0.7	0.6	0.8	0.5	0.7	0.7	0.6
139.5°	1.2	1.2	1.2	1.2	0.7	0.6	0.8	0.5	0.7	0.7	0.6
140°	1.2	1.2	1.2	1.2	0.7	0.6	0.8	0.7	0.7	0.8	0.8
140.5°	1.2	1.2	1.2	1.2	0.7	0.6	0.8	0.7	0.7	0.8	0.8
141°	1.3	1.3	1.2	1.2	0.7	0.6	0.9	0.8	0.8	0.8	0.7
141.5°	1.4	1.3	1.3	1.2	0.7	0.7	0.9	0.8	0.9	0.9	0.7
142°	1.5	1.7	1.3	1.3	0.7	0.7	0.9	0.9	0.9	0.9	0.8
142.5°	1.8	1.9	1.2	1.2	0.8	0.7	0.9	0.9	0.9	0.9	0.7
143°	2.0	2.0	1.5	1.2	0.9	0.8	0.9	1.0	1.0	0.9	0.7
143.5°	2.2	2.3	1.5	1.6	0.9	0.9	0.9	1.0	1.0	1.0	0.9
144°	2.3	2.3	2.0	1.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9
144.5°	2.3	2.2	2.2	2.1	0.9	1.0	1.0	1.0	1.0	1.0	0.9
145°	2.2	2.2	2.2	2.3	0.9	1.0	1.0	1.1	1.1	1.1	0.9
145.5°	2.2	2.2	2.2	2.2	1.0	1.0	1.1	1.1	1.2	1.1	0.9
146°	2.2	2.2	2.3	2.4	1.1	1.1	1.1	1.1	1.2	1.2	0.9
146.5°	2.2	2.2	2.3	2.4	1.1	1.1	1.1	1.1	1.2	1.2	1.1
147°	2.2	2.2	2.2	2.3	1.1	1.2	1.2	1.1	1.2	1.2	1.1
147.5°	2.2	2.2	2.2	2.3	1.1	1.2	1.2	1.1	1.3	1.2	1.1
148°	2.2	2.2	2.2	2.3	1.2	1.2	1.2	1.1	1.3	1.3	1.1
148.5°	2.2	2.2	2.2	2.3	1.2	1.3	1.2	1.1	1.4	1.3	1.3
149°	2.2	2.2	2.2	2.3	1.1	1.3	1.2	1.1	1.4	1.4	1.3
149.5°	2.2	2.2	2.2	2.3	1.2	1.3	1.2	1.1	1.4	1.4	1.3
150°	2.2	2.2	2.2	2.3	1.3	1.4	1.3	1.1	1.4	1.5	1.3
150.5°	2.2	2.2	2.2	2.3	1.3	1.4	1.4	1.1	1.4	1.5	1.4
151°	2.2	2.2	2.2	2.3	1.3	1.4	1.4	1.1	1.4	1.5	1.4
151.5°	2.2	2.2	2.2	2.3	1.4	1.4	1.4	1.1	1.6	1.6	1.4
152°	2.2	2.3	2.2	2.3	1.5	1.5	1.4	1.2	1.5	1.6	1.5
152.5°	2.2	2.2	2.2	2.3	1.5	1.6	1.5	1.2	1.6	1.6	1.6
153°	2.4	2.4	2.2	2.3	1.5	1.6	1.5	1.5	1.6	1.6	1.6
153.5°	2.6	2.4	2.4	2.3	1.6	1.5	1.5	1.6	1.7	1.7	1.6
154°	2.7	2.6	2.3	2.3	1.5	1.6	1.6	1.7	1.8	1.7	1.7
154.5°	2.8	2.7	2.4	2.3	1.7	1.6	1.6	1.8	1.8	1.8	1.7
155°	2.9	2.8	2.6	2.4	1.7	1.7	1.7	1.8	1.9	1.8	1.8
155.5°	2.9	2.8	2.6	2.3	1.8	1.7	1.7	1.9	1.9	1.8	1.8
156°	2.9	2.8	2.7	2.4	1.7	1.8	1.8	2.0	1.9	2.0	1.8
156.5°	2.9	2.9	2.8	2.4	1.8	1.8	1.8	2.0	2.0	2.0	2.0
157°	3.0	2.8	2.8	2.5	1.9	1.9	2.0	2.0	2.0	2.1	2.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	3.0	2.8	2.8	2.5	2.0	1.9	2.0	2.1	2.1	2.1	2.1
158°	3.0	2.9	2.8	2.6	2.0	2.0	2.0	2.1	2.2	2.2	2.1
158.5°	3.0	2.9	2.8	2.7	2.0	2.0	2.0	2.2	2.3	2.2	2.2
159°	3.0	2.9	2.8	2.6	2.1	2.0	2.1	2.1	2.4	2.4	2.3
159.5°	3.0	2.9	2.9	2.8	2.2	2.0	2.2	2.1	2.4	2.4	2.4
160°	3.0	2.9	2.9	2.8	2.2	2.2	2.2	2.1	2.4	2.4	2.4
160.5°	3.0	3.0	2.9	2.9	2.3	2.2	2.4	2.4	2.4	2.5	2.4
161°	3.1	3.2	3.0	2.8	2.4	2.2	2.4	2.4	2.6	2.5	2.5
161.5°	3.1	3.2	3.0	2.8	2.4	2.3	2.4	2.4	2.5	2.5	2.5
162°	3.2	3.2	3.0	2.9	2.5	2.4	2.5	2.4	2.5	2.6	2.4
162.5°	3.2	3.2	3.0	2.9	2.5	2.3	2.5	2.5	2.6	2.6	2.6
163°	3.2	3.2	3.0	3.0	2.5	2.4	2.6	2.5	2.6	2.6	2.6
163.5°	3.2	3.2	3.1	3.0	2.6	2.4	2.6	2.6	2.7	2.6	2.6
164°	3.2	3.2	3.1	3.0	2.6	2.4	2.6	2.6	2.7	2.8	2.8
164.5°	3.2	3.2	3.2	3.1	2.6	2.4	2.7	2.6	2.9	2.8	2.8
165°	3.2	3.2	3.2	3.0	2.7	2.5	2.6	2.8	2.9	2.8	2.8
165.5°	3.2	3.2	3.2	3.1	2.7	2.5	2.7	2.8	2.8	2.8	2.9
166°	3.2	3.2	3.2	3.3	2.8	2.6	2.8	2.8	2.8	2.9	2.9
166.5°	3.2	3.2	3.2	3.3	2.8	2.6	2.8	2.9	3.0	2.9	2.9
167°	3.2	3.2	3.2	3.3	2.9	2.5	2.8	3.0	3.0	3.0	2.9
167.5°	3.2	3.2	3.2	3.3	2.8	2.6	3.0	3.0	3.0	3.0	3.0
168°	3.2	3.2	3.2	3.3	2.8	2.7	3.0	3.0	3.2	3.1	3.0
168.5°	3.2	3.2	3.2	3.4	3.0	2.8	3.0	3.0	3.2	3.1	3.0
169°	3.2	3.2	3.2	3.2	3.0	2.9	3.1	3.0	3.2	3.1	3.0
169.5°	3.2	3.2	3.2	3.2	3.0	3.0	3.1	3.1	3.2	3.2	3.1
170°	3.2	3.2	3.2	3.3	3.1	3.0	3.2	3.2	3.2	3.2	3.2
170.5°	3.2	3.2	3.2	3.2	3.0	3.1	3.2	3.2	3.3	3.2	3.2
171°	3.2	3.2	3.2	3.2	3.0	3.1	3.2	3.4	3.2	3.2	3.2
171.5°	3.3	3.2	3.4	3.3	3.1	3.1	3.2	3.4	3.2	3.2	3.2
172°	3.3	3.2	3.3	3.4	3.2	3.2	3.3	3.3	3.2	3.2	3.3
172.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.3	3.2	3.3
173°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.3	3.2	3.2
173.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
174°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
174.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
175°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
175.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
176°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
176.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
177°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
177.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
178°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
178.5°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
179°	3.2	3.2	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2
179.5°	3.2	3.2	3.4	3.3	3.2	3.2	3.3	3.3	3.2	3.2	3.2

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



TEST NUMBER: A1911809C001
CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	1228.5	1228.5	1228.5	1228.5	1228.5	1228.5
0.5°	1232.9	1233.6	1222.2	1234.5	1228.4	1236.8
1°	1230.3	1236.1	1224.2	1230.8	1232.4	1226.7
1.5°	1233.9	1239.6	1226.7	1222.1	1228.4	1235.0
2°	1227.9	1233.8	1227.4	1232.1	1228.1	1229.7
2.5°	1228.3	1234.0	1227.4	1227.3	1228.1	1235.6
3°	1228.6	1232.1	1226.7	1227.3	1232.9	1220.5
3.5°	1227.4	1233.4	1230.7	1215.7	1234.4	1220.0
4°	1225.8	1228.5	1228.1	1221.1	1219.8	1227.8
4.5°	1222.3	1227.9	1227.7	1227.9	1224.7	1231.0
5°	1226.3	1227.5	1221.1	1222.4	1225.9	1225.3
5.5°	1227.3	1224.4	1216.2	1221.7	1221.4	1217.5
6°	1225.1	1218.7	1224.2	1210.6	1219.6	1216.0
6.5°	1220.8	1216.5	1219.5	1210.8	1214.8	1218.6
7°	1215.3	1213.6	1212.8	1211.2	1216.2	1209.6
7.5°	1210.6	1209.3	1214.6	1213.2	1210.8	1211.2
8°	1212.2	1208.5	1208.3	1202.4	1207.6	1205.9
8.5°	1209.7	1208.9	1207.1	1197.7	1203.4	1202.7
9°	1207.4	1209.3	1202.0	1191.6	1197.4	1198.7
9.5°	1197.4	1212.3	1192.0	1193.2	1200.5	1197.6
10°	1200.2	1200.7	1198.7	1190.1	1192.7	1192.7
10.5°	1198.5	1194.1	1196.0	1188.8	1186.7	1194.0
11°	1197.9	1193.4	1189.7	1190.1	1186.2	1191.7
11.5°	1190.8	1193.1	1184.2	1186.4	1182.6	1184.8
12°	1182.9	1188.7	1176.5	1179.0	1175.3	1181.9
12.5°	1177.8	1183.8	1176.2	1168.2	1177.2	1170.0
13°	1175.2	1173.9	1166.8	1164.5	1173.0	1167.6
13.5°	1173.4	1170.5	1163.7	1168.4	1164.5	1172.5
14°	1170.8	1166.0	1156.8	1162.2	1158.7	1163.0
14.5°	1162.4	1156.5	1156.6	1156.8	1151.5	1154.1
15°	1161.9	1149.3	1153.8	1148.0	1146.5	1150.6
15.5°	1153.9	1143.6	1149.6	1140.3	1155.5	1156.5
16°	1149.3	1149.2	1143.1	1138.8	1138.9	1149.5
16.5°	1142.7	1136.7	1134.2	1135.8	1139.5	1143.7
17°	1138.0	1132.2	1131.0	1133.3	1136.7	1130.8
17.5°	1137.3	1130.7	1124.0	1128.2	1127.3	1123.8
18°	1128.9	1121.1	1118.3	1116.4	1116.4	1118.6
18.5°	1119.2	1117.8	1118.6	1109.9	1109.2	1111.1
19°	1113.0	1110.8	1110.3	1106.2	1104.6	1106.2
19.5°	1106.1	1101.2	1097.2	1096.5	1103.7	1101.7
20°	1100.0	1097.8	1090.5	1092.4	1095.0	1100.9
20.5°	1097.5	1093.0	1079.8	1080.5	1086.7	1088.6
21°	1089.1	1093.6	1075.9	1082.1	1080.5	1075.0
21.5°	1084.2	1087.2	1068.3	1076.6	1074.7	1070.9
22°	1076.3	1072.1	1058.6	1063.2	1065.4	1065.6

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1068.0	1067.0	1057.0	1058.8	1059.1	1066.9
23°	1059.5	1058.8	1045.7	1053.8	1050.6	1056.0
23.5°	1053.5	1046.5	1044.6	1043.1	1049.4	1041.8
24°	1046.1	1040.9	1042.9	1031.9	1038.8	1033.4
24.5°	1038.5	1034.0	1031.8	1025.1	1031.1	1032.8
25°	1030.5	1024.7	1023.6	1019.0	1022.8	1022.1
25.5°	1024.9	1019.8	1008.9	1011.2	1016.1	1010.6
26°	1015.6	1010.4	1006.7	1002.0	1006.6	1005.8
26.5°	1007.7	1002.1	1000.1	992.2	996.8	998.4
27°	997.7	989.1	985.4	985.8	989.7	984.9
27.5°	988.8	983.7	977.7	979.3	977.8	978.6
28°	981.8	973.6	966.6	968.3	972.4	970.2
28.5°	972.8	965.7	956.8	960.7	960.2	963.7
29°	966.6	961.0	950.7	950.1	953.1	955.4
29.5°	953.9	947.4	940.9	940.6	941.8	945.0
30°	946.3	938.1	931.6	933.3	935.8	938.1
30.5°	935.1	931.7	922.8	923.2	915.6	921.5
31°	923.0	922.2	914.2	912.2	914.1	921.5
31.5°	916.7	908.8	905.6	902.6	902.7	905.5
32°	903.3	897.1	894.4	896.3	892.7	895.5
32.5°	894.4	889.9	884.6	884.0	882.2	888.0
33°	883.0	879.2	873.3	874.9	866.1	876.1
33.5°	872.3	869.9	862.9	863.2	865.2	863.8
34°	862.3	858.5	851.8	850.1	854.5	853.6
34.5°	852.2	846.1	842.0	838.8	846.5	843.2
35°	843.2	833.1	831.3	829.5	833.4	831.1
35.5°	831.2	826.0	819.6	819.6	823.2	816.5
36°	821.1	817.2	807.8	808.3	812.9	809.7
36.5°	809.1	799.4	796.2	797.5	803.4	797.4
37°	800.7	789.0	785.2	787.9	791.1	785.1
37.5°	787.6	781.6	774.5	775.5	778.9	771.7
38°	775.9	771.3	763.4	763.2	763.5	755.3
38.5°	762.1	753.1	751.3	749.7	749.2	743.9
39°	752.3	742.7	738.7	739.6	734.8	730.8
39.5°	737.8	730.4	726.0	726.5	718.9	715.0
40°	725.7	717.3	713.4	711.5	705.0	700.3
40.5°	711.3	706.7	699.5	696.7	691.9	685.0
41°	698.2	688.8	686.1	683.4	677.4	667.3
41.5°	687.4	678.2	672.3	670.2	663.6	652.7
42°	670.9	662.3	658.2	654.9	650.1	635.8
42.5°	659.5	648.3	645.1	640.8	637.1	620.4
43°	643.4	633.6	629.8	626.3	622.1	604.0
43.5°	630.9	620.0	614.8	612.8	608.0	589.0
44°	616.0	605.0	600.2	597.7	591.5	574.4
44.5°	600.3	590.9	585.9	582.9	577.1	558.4

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	585.0	577.6	571.8	569.3	561.1	542.6
45.5°	571.4	562.4	556.8	555.8	545.0	527.2
46°	557.8	547.8	542.4	542.8	531.2	511.8
46.5°	543.7	533.8	527.0	530.1	516.5	496.5
47°	529.7	519.6	514.0	515.1	501.7	482.1
47.5°	514.2	505.0	501.5	499.8	486.8	466.9
48°	500.3	491.4	487.4	485.9	472.3	451.6
48.5°	486.8	478.6	473.3	472.0	458.5	437.2
49°	473.0	465.4	459.3	458.0	444.6	422.0
49.5°	459.6	450.6	447.2	444.0	431.6	408.5
50°	446.3	437.8	433.4	430.7	417.6	394.3
50.5°	432.1	424.4	420.1	418.2	403.5	380.4
51°	418.8	411.5	407.3	404.5	391.4	365.8
51.5°	405.8	399.4	394.3	391.0	379.0	352.8
52°	392.9	384.9	382.1	379.6	365.8	339.3
52.5°	380.1	371.7	368.7	367.3	353.4	326.4
53°	367.6	360.1	355.9	354.5	339.8	313.6
53.5°	355.2	348.1	344.3	342.3	327.3	301.0
54°	343.0	336.0	332.4	331.1	314.6	289.2
54.5°	331.3	323.9	320.4	319.2	302.9	277.7
55°	320.1	313.2	309.0	307.0	292.8	266.1
55.5°	308.1	302.0	298.0	296.1	281.9	255.1
56°	296.9	290.4	287.0	285.4	270.2	244.5
56.5°	286.1	279.2	276.4	274.6	259.1	234.1
57°	275.5	268.8	265.3	263.3	248.4	223.8
57.5°	265.3	258.0	254.8	253.9	238.6	214.0
58°	254.6	248.8	244.9	243.5	228.6	204.3
58.5°	244.9	239.5	234.7	233.9	219.0	195.1
59°	235.2	227.5	224.9	224.0	209.0	185.8
59.5°	226.0	217.8	215.9	214.3	199.6	176.9
60°	216.9	208.8	206.8	205.3	190.5	168.3
60.5°	208.1	199.8	197.4	195.7	181.5	160.1
61°	199.1	191.1	188.6	187.4	172.8	152.6
61.5°	190.1	182.5	180.3	179.2	164.7	145.1
62°	181.7	173.8	172.0	171.1	156.5	137.8
62.5°	173.4	165.8	164.1	162.9	148.8	130.1
63°	165.3	158.5	156.5	155.2	141.0	122.9
63.5°	158.0	151.0	149.3	148.0	133.6	116.2
64°	150.5	143.5	141.8	140.7	126.3	109.3
64.5°	143.0	136.3	134.6	133.5	119.7	102.9
65°	135.9	129.3	128.1	126.7	112.9	96.7
65.5°	128.7	122.8	121.5	119.9	106.3	90.6
66°	121.9	116.2	114.9	113.3	100.1	85.1
66.5°	115.4	110.1	108.7	106.8	93.8	79.4
67°	109.0	104.0	102.7	100.6	88.2	74.2

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	102.8	98.0	96.9	94.6	82.7	68.6
68°	96.6	92.3	91.2	89.2	77.6	63.6
68.5°	90.9	87.2	86.1	83.9	72.9	58.7
69°	85.5	81.9	80.9	78.7	68.0	54.4
69.5°	80.0	76.9	75.8	73.3	63.6	50.1
70°	74.8	71.8	70.8	68.3	59.3	47.2
70.5°	69.8	67.3	66.1	63.5	55.4	44.7
71°	65.2	62.7	61.8	59.0	51.6	42.3
71.5°	60.8	58.5	57.4	54.9	47.8	39.9
72°	56.5	54.4	53.6	51.0	44.2	37.8
72.5°	52.6	50.6	50.0	47.1	41.1	35.8
73°	48.9	47.0	46.4	43.6	37.8	33.9
73.5°	45.3	43.8	43.1	40.4	34.8	32.1
74°	42.2	40.9	40.3	37.5	32.3	30.6
74.5°	39.2	38.2	37.5	34.9	30.3	29.1
75°	36.6	35.8	35.1	32.4	28.6	27.6
75.5°	34.2	33.9	33.2	30.6	26.9	26.0
76°	32.5	32.2	31.7	29.1	25.3	24.7
76.5°	31.0	30.8	30.2	27.6	23.9	23.2
77°	29.6	29.4	28.8	26.3	22.5	21.9
77.5°	28.3	27.9	27.3	24.8	21.2	20.7
78°	26.8	26.5	25.8	23.5	19.9	19.4
78.5°	25.6	25.2	24.6	22.2	18.5	18.2
79°	24.2	23.8	23.2	20.8	17.3	16.9
79.5°	22.8	22.5	21.9	19.5	16.1	15.7
80°	21.6	21.3	20.7	18.4	14.8	14.4
80.5°	20.4	20.0	19.4	17.2	13.6	13.2
81°	19.2	18.6	18.2	16.0	12.5	12.1
81.5°	18.0	17.5	17.0	14.9	11.3	10.9
82°	16.8	16.3	15.8	13.7	10.3	9.8
82.5°	15.6	14.7	14.5	12.6	9.3	8.7
83°	14.5	13.8	13.1	11.5	8.6	7.5
83.5°	13.3	12.6	12.2	10.7	7.6	6.7
84°	12.1	11.4	11.0	9.7	6.9	6.1
84.5°	11.1	10.4	10.0	8.7	6.2	5.5
85°	10.0	9.2	8.8	7.5	5.6	4.8
85.5°	8.8	8.1	7.8	6.7	4.9	4.3
86°	7.9	6.9	6.7	5.9	4.3	3.8
86.5°	6.7	6.0	5.8	5.0	3.6	3.4
87°	5.7	5.0	4.8	4.2	3.1	2.7
87.5°	4.7	4.0	3.8	3.3	2.6	2.0
88°	3.9	3.0	2.7	2.5	2.0	1.4
88.5°	2.8	2.1	1.8	1.5	1.3	0.7
89°	1.7	1.1	1.0	0.7	0.8	0.1
89.5°	0.8	0.3	0.3	0.1	0.5	0.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.5	0.0
90.5°	0.0	0.0	0.0	0.0	0.5	0.0
91°	0.0	0.0	0.0	0.0	0.5	0.0
91.5°	0.0	0.0	0.0	0.0	0.5	0.0
92°	0.0	0.0	0.0	0.0	0.3	0.0
92.5°	0.0	0.0	0.0	0.0	0.3	0.0
93°	0.0	0.0	0.0	0.0	0.2	0.0
93.5°	0.0	0.0	0.0	0.0	0.1	0.0
94°	0.0	0.0	0.0	0.0	0.1	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.2	0.0	0.0	0.0
112°	0.0	0.0	0.2	0.0	0.0	0.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.2	0.0	0.0	0.0
113°	0.0	0.0	0.2	0.0	0.0	0.0
113.5°	0.0	0.0	0.2	0.0	0.0	0.0
114°	0.0	0.1	0.2	0.0	0.0	0.1
114.5°	0.0	0.1	0.2	0.1	0.0	0.1
115°	0.0	0.1	0.2	0.1	0.1	0.2
115.5°	0.0	0.1	0.2	0.1	0.1	0.2
116°	0.0	0.1	0.2	0.1	0.0	0.1
116.5°	0.0	0.1	0.2	0.1	0.0	0.2
117°	0.0	0.1	0.2	0.1	0.0	0.2
117.5°	0.0	0.1	0.2	0.0	0.0	0.2
118°	0.0	0.1	0.2	0.0	0.0	0.2
118.5°	0.0	0.1	0.2	0.0	0.0	0.2
119°	0.0	0.1	0.2	0.0	0.0	0.2
119.5°	0.0	0.1	0.2	0.0	0.0	0.2
120°	0.0	0.1	0.2	0.0	0.0	0.2
120.5°	0.0	0.1	0.2	0.0	0.0	0.2
121°	0.0	0.1	0.2	0.0	0.0	0.2
121.5°	0.0	0.1	0.2	0.0	0.0	0.2
122°	0.0	0.1	0.2	0.0	0.0	0.2
122.5°	0.0	0.1	0.2	0.0	0.0	0.2
123°	0.0	0.1	0.2	0.0	0.0	0.2
123.5°	0.0	0.1	0.2	0.0	0.0	0.2
124°	0.0	0.1	0.2	0.0	0.0	0.2
124.5°	0.1	0.1	0.3	0.0	0.0	0.3
125°	0.1	0.1	0.3	0.0	0.0	0.2
125.5°	0.1	0.1	0.3	0.1	0.0	0.2
126°	0.1	0.3	0.3	0.1	0.0	0.4
126.5°	0.1	0.5	0.3	0.1	0.0	0.5
127°	0.1	0.5	0.3	0.2	0.0	0.5
127.5°	0.1	0.5	0.4	0.3	0.1	0.5
128°	0.2	0.5	0.3	0.4	0.1	0.6
128.5°	0.1	0.5	0.5	0.3	0.1	0.5
129°	0.2	0.5	0.5	0.3	0.2	0.6
129.5°	0.2	0.5	0.6	0.4	0.3	0.7
130°	0.2	0.5	0.6	0.4	0.3	0.7
130.5°	0.3	0.6	0.7	0.5	0.3	0.7
131°	0.3	0.7	0.7	0.5	0.5	0.7
131.5°	0.3	0.7	0.7	0.6	0.6	0.8
132°	0.3	0.7	0.9	0.8	0.7	0.9
132.5°	0.3	0.9	0.9	0.9	0.8	0.9
133°	0.3	0.9	0.9	1.0	0.9	1.1
133.5°	0.3	0.9	1.0	1.0	1.0	1.1
134°	0.3	1.0	1.0	1.0	1.0	1.1
134.5°	0.3	0.9	1.0	1.0	1.0	1.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.3	0.9	1.0	1.0	1.0	1.0
135.5°	0.3	0.9	1.0	1.0	1.0	1.1
136°	0.3	0.9	1.0	1.0	1.0	1.1
136.5°	0.5	0.9	1.0	1.1	1.0	1.1
137°	0.5	0.9	1.0	1.1	1.0	1.1
137.5°	0.5	1.0	1.0	1.1	1.0	1.2
138°	0.5	1.0	1.0	1.2	1.0	1.2
138.5°	0.5	1.0	1.0	1.2	1.1	1.2
139°	0.5	1.0	1.1	1.2	1.0	1.2
139.5°	0.5	1.1	1.1	1.2	1.2	1.2
140°	0.5	1.1	1.0	1.2	1.1	1.2
140.5°	0.7	1.1	1.2	1.2	1.2	1.2
141°	0.7	1.1	1.2	1.2	1.3	1.3
141.5°	0.7	1.2	1.2	1.2	1.3	1.4
142°	0.7	1.2	1.2	1.2	1.4	1.5
142.5°	0.7	1.1	1.2	1.3	1.4	1.8
143°	0.9	1.2	1.3	1.3	1.8	2.0
143.5°	0.9	1.3	1.4	1.2	2.0	2.2
144°	0.9	1.3	1.9	1.3	2.1	2.3
144.5°	0.9	1.4	2.2	1.6	2.1	2.3
145°	1.0	1.5	2.2	1.9	2.1	2.2
145.5°	1.0	1.7	2.3	2.0	2.1	2.2
146°	1.0	1.9	2.3	2.2	2.2	2.2
146.5°	1.1	2.1	2.2	2.2	2.1	2.2
147°	1.1	2.1	2.2	2.2	2.1	2.2
147.5°	1.2	2.1	2.2	2.2	2.1	2.2
148°	1.2	2.1	2.2	2.2	2.1	2.2
148.5°	1.2	2.1	2.2	2.2	2.1	2.2
149°	1.2	2.1	2.2	2.2	2.1	2.2
149.5°	1.2	2.1	2.2	2.2	2.1	2.2
150°	1.3	2.1	2.2	2.2	2.1	2.2
150.5°	1.4	2.1	2.2	2.2	2.1	2.2
151°	1.4	2.1	2.2	2.2	2.1	2.2
151.5°	1.3	2.1	2.2	2.2	2.2	2.2
152°	1.3	2.1	2.2	2.2	2.1	2.2
152.5°	1.4	2.1	2.2	2.2	2.1	2.2
153°	1.4	2.1	2.2	2.2	2.2	2.4
153.5°	1.5	2.1	2.2	2.2	2.2	2.6
154°	1.5	2.1	2.2	2.2	2.3	2.7
154.5°	1.6	2.1	2.2	2.2	2.3	2.8
155°	1.6	2.1	2.2	2.2	2.3	2.9
155.5°	1.6	2.1	2.2	2.2	2.5	2.9
156°	1.7	2.2	2.2	2.2	2.5	2.9
156.5°	1.8	2.2	2.2	2.2	2.6	2.9
157°	2.0	2.3	2.2	2.4	2.6	3.0

TEST NUMBER: A1911809C001
 CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	1.9	2.4	2.2	2.5	2.6	3.0
158°	2.0	2.4	2.2	2.6	2.7	3.0
158.5°	2.0	2.4	2.3	2.7	2.7	3.0
159°	2.0	2.5	2.4	2.7	2.6	3.0
159.5°	2.2	2.5	2.4	2.6	2.7	3.0
160°	2.2	2.6	2.5	2.6	2.8	3.0
160.5°	2.2	2.6	2.5	2.8	2.8	3.0
161°	2.3	2.6	2.7	2.8	2.8	3.1
161.5°	2.3	2.6	2.6	2.9	3.0	3.1
162°	2.3	2.6	2.8	2.8	2.9	3.2
162.5°	2.4	2.6	2.8	2.9	3.0	3.2
163°	2.4	2.8	2.8	3.0	3.0	3.2
163.5°	2.4	2.8	3.0	3.1	3.0	3.2
164°	2.6	2.8	2.9	3.2	3.0	3.2
164.5°	2.6	2.8	3.0	3.3	3.0	3.2
165°	2.6	2.9	3.0	3.3	3.0	3.2
165.5°	2.6	3.1	3.0	3.2	3.0	3.2
166°	2.6	3.1	3.2	3.2	3.0	3.2
166.5°	2.7	3.0	3.2	3.2	3.0	3.2
167°	2.8	3.1	3.2	3.2	3.0	3.2
167.5°	2.8	3.0	3.2	3.3	3.0	3.2
168°	3.0	3.2	3.3	3.3	3.0	3.2
168.5°	3.0	3.2	3.2	3.3	3.0	3.2
169°	3.0	3.2	3.4	3.3	3.0	3.2
169.5°	3.0	3.2	3.4	3.4	3.1	3.2
170°	3.2	3.2	3.3	3.3	3.1	3.2
170.5°	3.3	3.2	3.3	3.4	3.2	3.2
171°	3.2	3.2	3.3	3.4	3.2	3.2
171.5°	3.2	3.3	3.3	3.4	3.2	3.3
172°	3.3	3.3	3.3	3.4	3.2	3.3
172.5°	3.4	3.2	3.3	3.4	3.2	3.2
173°	3.4	3.2	3.3	3.4	3.2	3.2
173.5°	3.4	3.2	3.3	3.4	3.2	3.2
174°	3.4	3.2	3.3	3.4	3.2	3.2
174.5°	3.4	3.2	3.3	3.4	3.2	3.2
175°	3.4	3.2	3.3	3.4	3.2	3.2
175.5°	3.4	3.2	3.3	3.4	3.2	3.2
176°	3.4	3.2	3.3	3.4	3.2	3.2
176.5°	3.4	3.2	3.3	3.4	3.2	3.2
177°	3.5	3.2	3.3	3.4	3.2	3.2
177.5°	3.5	3.2	3.3	3.4	3.2	3.2
178°	3.4	3.2	3.3	3.4	3.2	3.2
178.5°	3.4	3.3	3.3	3.4	3.2	3.2
179°	3.4	3.2	3.3	3.4	3.2	3.2
179.5°	3.4	3.2	3.3	3.4	3.2	3.2

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



TEST NUMBER: A1911809C001
CATALOG NUMBER: LCR6219FSE010MW

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	3.2	3.2	3.2	3.2	3.2	3.2

(END OF REPORT)