

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: PORTFOLIO

Report Number: P844289

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBLWWLI**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844289
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-9)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C30DE010B2750 EU6C30B30 6LBLWWLI
Description:
Light Source: -
Ballast/Driver:

Summary

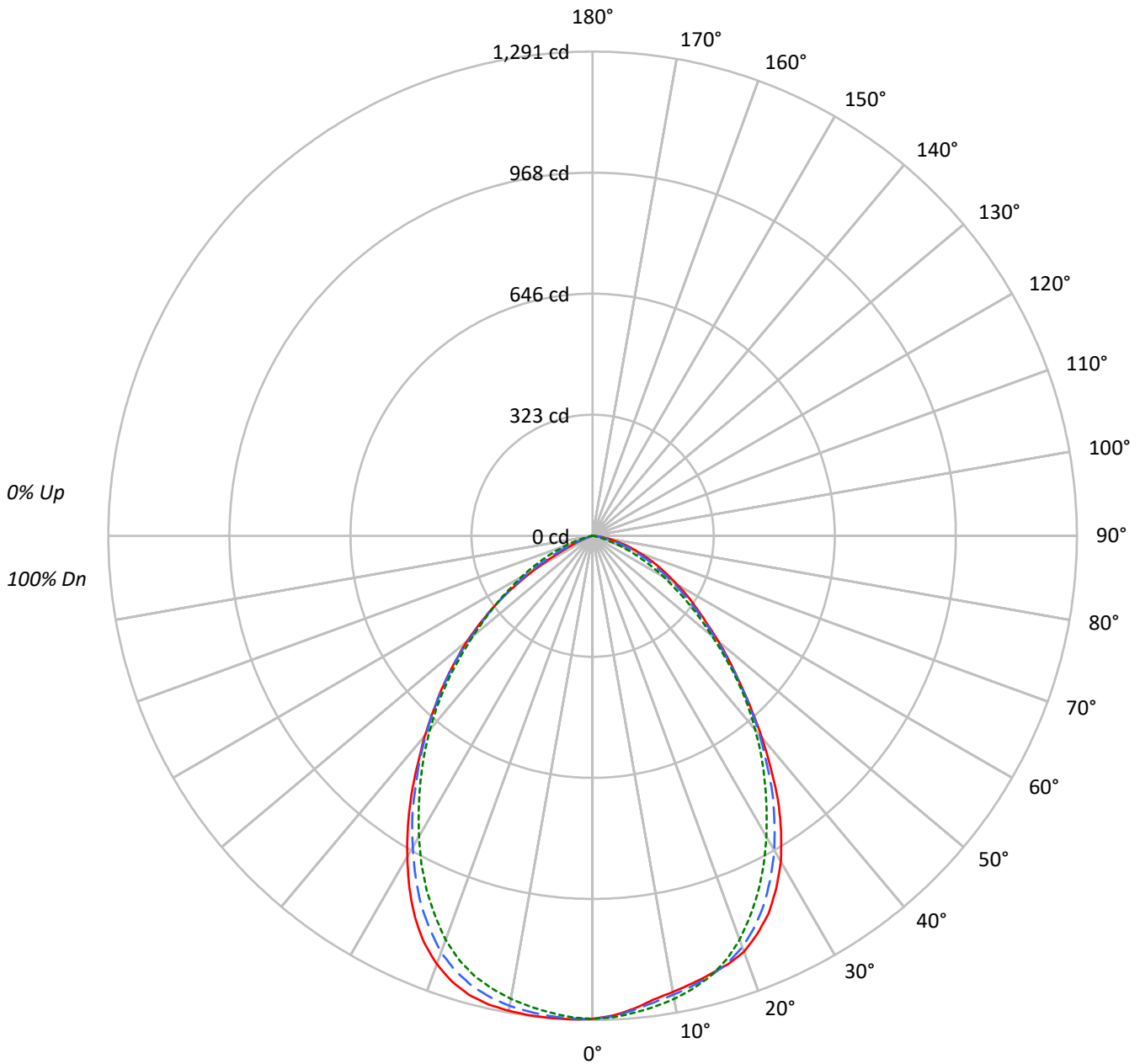
Lumens per Lamp: N/A
Luminaire Lumens: 2369.1 lumens
Efficiency: N/A
Efficacy: 69.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.1 / 1.17
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 34.1
Input Voltage (V):
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

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Luminous Intensity Polar Plot





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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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	111	108	104	101	109	105	102	100	101	99	97	98	96	94	94	92	91	89			89
2	103	97	91	87	101	95	90	86	92	87	84	88	85	82	85	83	80	78			78
3	96	87	80	75	93	86	79	74	83	77	73	80	76	72	78	74	71	69			69
4	89	79	71	66	87	77	71	65	75	69	64	73	68	64	71	66	63	61			61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54			54
6	77	65	57	52	75	64	57	52	63	56	51	61	55	51	60	54	50	49			49
7	72	60	52	47	70	59	52	46	58	51	46	56	50	46	55	50	46	44			44
8	67	55	48	42	66	54	47	42	53	47	42	52	46	42	51	46	41	40			40
9	63	51	44	39	62	50	43	38	49	43	38	48	42	38	47	42	38	36			36
10	59	47	40	35	58	47	40	35	46	40	35	45	39	35	44	39	35	33			33

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	70619	70619	70619
5°	69651	70256	71027
10°	68725	69788	71592
15°	68689	68979	71975
20°	68845	66862	70881
25°	67159	63221	67824
30°	63497	58623	62548
35°	57728	53545	56336
40°	50187	48212	49736
45°	43020	42260	43617
50°	37304	35419	37201
55°	32381	29447	29285
60°	28506	23836	18518
65°	25009	18108	8886
70°	21478	12005	3270
75°	17495	5041	890
80°	11807	1200	410
85°	4780	252	252



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	5.1
10°-20°	345.6	14.6
20°-30°	495.2	20.9
30°-40°	516.1	21.8
40°-50°	427.6	18.0
50°-60°	283.4	12.0
60°-70°	137.2	5.8
70°-80°	38.8	1.6
80°-90°	3.8	0.2
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°-30°	962.1	40.6
0°-40°	1478.2	62.4
0°-60°	2189.2	92.4
0°-90°	2369.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2369.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1288	1288	1288	1288	1288	
5°	1266	1269	1277	1286	1291	120
15°	1210	1215	1215	1243	1268	342
25°	1110	1082	1045	1083	1121	508
35°	863	835	800	825	842	535
45°	555	553	545	559	563	432
55°	339	328	308	303	306	306
65°	193	174	140	96	68	192
75°	83	63	24	5	4	88
85°	8	3	0	0	0	13
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2
2.5°	1280.1	1280.5	1281.3	1280.5	1280.9	1281.3	1281.3	1281.7	1281.7	1282.2	1282.6
5°	1265.7	1266.9	1266.9	1266.9	1266.9	1267.4	1267.8	1267.8	1267.4	1267.4	1269.1
7.5°	1247.3	1248.6	1248.2	1248.6	1249.1	1250.3	1249.9	1250.8	1251.6	1252.9	1254.6
10°	1234.6	1235.0	1234.6	1235.8	1236.7	1237.5	1237.5	1238.4	1239.2	1240.5	1242.6
12.5°	1223.0	1223.5	1223.9	1224.7	1225.6	1225.2	1226.0	1226.9	1227.3	1228.1	1229.4
15°	1210.3	1212.5	1212.0	1212.5	1212.9	1213.3	1213.7	1214.2	1213.7	1213.7	1214.6
17.5°	1198.4	1198.8	1199.3	1199.3	1199.3	1199.3	1198.4	1198.4	1197.1	1195.9	1195.0
20°	1180.1	1179.7	1178.8	1178.8	1177.1	1177.6	1175.9	1174.9	1172.8	1169.8	1166.9
22.5°	1148.2	1150.3	1149.4	1146.5	1144.8	1144.8	1143.1	1139.2	1135.8	1132.4	1128.6
25°	1110.3	1109.5	1108.2	1106.5	1103.9	1102.2	1099.6	1097.1	1091.6	1085.6	1082.2
27.5°	1059.6	1060.9	1058.0	1055.4	1054.1	1051.6	1049.0	1045.6	1038.8	1033.7	1027.7
30°	1003.1	1002.2	1001.8	998.4	994.9	995.8	990.7	986.9	981.8	973.2	968.6
32.5°	934.9	936.2	933.7	933.3	926.9	926.1	926.1	920.0	915.8	907.8	901.3
35°	862.6	861.8	860.9	858.0	857.5	855.0	852.9	848.5	843.0	840.5	835.4
37.5°	779.2	779.6	780.0	780.0	778.3	776.6	774.9	774.9	767.3	766.0	760.0
40°	701.3	702.6	702.2	699.2	699.6	700.0	699.6	699.2	694.5	692.9	692.0
42.5°	625.6	627.7	625.6	625.2	625.6	625.6	624.7	626.0	623.9	625.6	621.8
45°	554.9	556.6	555.4	554.9	554.1	556.2	553.7	555.8	554.5	552.4	553.2
47.5°	494.1	492.3	494.1	493.2	491.9	490.2	492.8	491.5	488.5	488.1	488.9
50°	437.4	436.6	437.4	437.0	434.9	434.9	434.5	433.6	432.8	430.2	428.6
52.5°	383.4	386.5	384.2	386.5	383.4	382.1	382.5	381.3	379.6	378.7	375.4
55°	338.8	339.2	339.2	339.2	337.5	336.6	335.8	335.0	335.0	331.0	327.7
57.5°	300.1	299.2	298.8	297.5	296.7	295.7	294.9	292.3	289.8	286.4	283.9
60°	260.0	260.9	260.9	259.1	257.9	256.6	256.2	254.5	251.5	248.1	244.3
62.5°	225.6	226.4	224.2	224.2	221.7	221.3	221.3	218.7	215.3	211.5	207.3
65°	192.8	192.4	193.2	190.3	190.7	188.0	187.2	185.9	182.5	177.9	174.1
67.5°	161.7	162.6	161.3	160.4	158.8	157.9	157.1	153.3	151.5	147.2	143.0
70°	134.0	133.2	132.3	132.3	130.6	129.3	128.9	124.7	122.6	119.2	114.4
72.5°	108.1	107.2	106.4	105.1	103.9	103.4	100.9	98.3	95.7	91.5	88.1
75°	82.6	82.2	81.3	80.4	78.3	77.4	77.0	74.0	69.4	66.0	63.0
77.5°	59.5	60.0	58.3	56.6	55.3	54.0	53.2	50.7	47.7	43.8	40.8
80°	37.4	37.9	37.4	36.2	34.5	34.1	32.8	31.1	28.6	25.9	23.8
82.5°	20.0	20.0	19.6	19.1	17.9	17.9	17.0	15.8	14.5	13.2	11.5
85°	7.6	7.6	7.2	6.8	6.3	6.3	5.9	5.5	4.7	4.2	3.4
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2
2.5°	1282.6	1283.0	1283.5	1284.0	1284.0	1284.0	1284.4	1284.8	1284.8	1285.2	1285.7
5°	1269.9	1270.3	1271.6	1272.0	1272.9	1272.4	1273.7	1275.0	1275.8	1276.7	1277.9
7.5°	1255.4	1256.7	1258.4	1259.6	1260.1	1260.5	1261.8	1263.4	1264.7	1266.5	1267.8
10°	1243.5	1244.7	1246.4	1248.2	1248.2	1249.1	1249.9	1251.2	1252.4	1253.7	1255.4
12.5°	1230.3	1232.0	1232.5	1233.3	1233.3	1233.7	1234.6	1235.0	1236.3	1236.7	1239.2
15°	1214.6	1214.6	1214.6	1214.6	1214.6	1214.2	1213.3	1214.2	1214.2	1215.4	1216.7
17.5°	1192.8	1192.8	1190.3	1189.0	1189.4	1187.3	1186.9	1185.2	1185.2	1185.2	1186.5
20°	1164.3	1160.5	1157.5	1153.7	1152.0	1151.1	1150.3	1146.5	1146.1	1146.1	1146.1
22.5°	1123.9	1119.6	1115.4	1112.4	1107.8	1106.1	1104.4	1101.7	1098.8	1097.1	1100.9
25°	1074.6	1069.5	1064.3	1058.4	1057.1	1055.0	1050.8	1048.1	1046.8	1045.2	1046.0
27.5°	1022.2	1015.0	1009.4	1003.5	1001.4	998.8	994.9	991.1	986.9	987.7	987.7
30°	962.2	953.7	947.7	940.4	940.0	937.5	934.1	929.4	926.1	926.1	928.2
32.5°	897.1	891.2	885.6	877.5	876.2	874.6	872.0	867.7	865.1	862.6	864.3
35°	831.1	821.8	818.0	812.8	813.2	808.6	804.8	802.2	802.6	800.1	801.4
37.5°	760.0	754.5	749.0	746.9	744.7	742.1	740.4	738.8	737.9	737.9	737.1
40°	688.1	685.1	682.6	681.8	677.9	678.8	678.4	677.1	674.6	673.7	676.3
42.5°	620.5	617.4	616.2	614.1	613.6	612.4	612.4	611.1	610.7	611.1	610.7
45°	550.7	550.3	547.2	547.2	549.0	547.7	544.3	546.4	546.4	545.1	547.7
47.5°	486.4	486.8	485.1	481.8	481.8	479.6	477.1	479.2	480.5	478.4	479.6
50°	428.1	425.6	422.2	419.6	420.8	420.0	417.9	416.2	414.9	415.3	417.0
52.5°	372.8	371.5	367.6	364.7	363.8	364.2	361.7	359.2	359.6	359.2	358.3
55°	323.0	323.0	317.9	316.7	313.2	313.2	309.8	309.4	308.1	308.1	306.0
57.5°	280.1	276.1	273.2	270.2	269.0	267.3	266.0	263.0	261.8	259.1	258.7
60°	240.4	235.7	233.6	230.2	227.7	226.0	223.8	221.3	219.6	217.4	214.9
62.5°	205.1	200.0	195.8	192.4	190.3	189.8	186.4	183.4	180.0	177.5	173.2
65°	169.8	166.8	162.1	157.5	156.6	154.5	151.0	147.6	143.4	139.6	137.1
67.5°	138.8	135.0	130.6	128.1	125.1	123.4	119.6	114.4	109.8	106.0	101.3
70°	111.1	105.6	101.7	97.4	96.6	92.8	89.4	84.3	80.0	74.9	68.1
72.5°	83.4	77.8	74.9	70.6	68.1	66.0	61.2	56.6	49.8	46.0	40.0
75°	58.7	54.0	49.8	45.6	43.8	40.8	37.0	31.9	27.7	23.8	19.6
77.5°	36.6	33.6	29.8	26.3	24.6	23.0	20.0	16.2	13.2	10.3	7.6
80°	20.8	18.3	15.8	13.2	12.4	11.5	8.9	6.8	5.5	3.8	2.5
82.5°	9.8	8.0	6.8	5.5	5.1	4.2	3.0	2.1	1.3	0.8	0.4
85°	3.0	2.1	1.7	1.3	0.8	0.8	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2
2.5°	1285.7	1286.1	1286.5	1286.5	1286.5	1286.9	1286.9	1287.8	1288.2	1288.6	1288.6
5°	1278.8	1280.1	1280.9	1281.3	1281.7	1283.0	1283.5	1284.8	1285.7	1286.5	1287.4
7.5°	1269.5	1270.7	1272.4	1273.3	1274.1	1275.8	1277.1	1279.2	1280.5	1282.2	1284.0
10°	1257.5	1259.2	1261.8	1262.6	1263.4	1265.7	1268.2	1270.7	1272.9	1275.4	1277.5
12.5°	1240.1	1242.6	1245.6	1246.4	1247.8	1250.8	1253.7	1257.5	1260.5	1263.9	1267.4
15°	1218.4	1221.8	1223.9	1224.7	1226.4	1230.8	1233.7	1238.0	1242.6	1247.8	1251.6
17.5°	1188.1	1189.8	1193.8	1195.4	1197.6	1201.8	1206.4	1211.5	1215.9	1221.4	1227.3
20°	1148.6	1151.1	1155.8	1157.5	1160.1	1163.9	1170.7	1174.9	1181.8	1188.6	1192.8
22.5°	1099.2	1103.9	1108.6	1110.7	1112.4	1117.1	1121.7	1129.0	1134.5	1143.9	1149.4
25°	1048.1	1049.4	1053.3	1057.1	1058.0	1063.9	1069.5	1077.9	1083.4	1089.5	1097.1
27.5°	989.4	991.1	997.1	998.0	998.4	1004.8	1011.1	1018.0	1022.6	1029.4	1033.3
30°	928.2	931.1	933.7	935.4	938.3	941.3	947.3	955.8	959.2	965.2	970.3
32.5°	865.6	865.6	871.6	872.0	873.7	880.5	883.9	889.0	895.0	899.6	899.2
35°	803.5	805.2	807.3	810.3	811.5	815.8	817.1	820.9	824.7	828.1	832.4
37.5°	739.2	739.2	743.8	746.1	747.3	749.4	751.6	755.4	757.5	758.7	761.3
40°	677.9	679.6	680.5	681.3	681.3	684.3	686.0	688.9	690.2	693.7	692.0
42.5°	615.8	614.9	615.3	617.4	617.9	619.7	620.9	622.6	624.3	623.5	626.4
45°	549.9	550.3	551.1	551.1	552.4	554.5	556.6	557.5	558.7	560.9	561.3
47.5°	480.9	483.0	481.8	485.1	486.0	486.4	491.5	491.9	496.2	497.1	497.1
50°	416.6	416.6	419.1	420.4	421.3	422.6	424.3	426.0	427.3	430.2	431.1
52.5°	358.7	359.6	359.6	358.3	359.6	359.6	363.8	364.2	363.8	364.7	365.9
55°	306.8	307.2	304.7	306.4	306.0	304.7	305.6	303.0	302.6	303.9	303.0
57.5°	257.0	255.3	254.9	252.8	252.8	250.7	248.5	248.5	246.9	243.9	243.5
60°	212.4	209.8	208.1	206.9	203.4	201.3	198.3	195.8	192.4	188.6	186.4
62.5°	170.2	167.2	163.8	162.1	159.6	154.5	150.6	146.8	141.3	137.9	134.4
65°	132.7	128.1	122.6	120.0	117.5	112.7	107.7	101.3	95.7	91.1	85.1
67.5°	96.1	91.1	85.6	81.8	79.1	73.6	67.7	62.1	55.7	50.7	47.7
70°	63.0	56.6	51.5	48.5	46.0	40.4	34.9	30.2	27.3	25.9	25.5
72.5°	35.7	29.4	25.5	22.5	20.4	16.6	13.6	12.0	11.1	10.7	9.8
75°	15.3	11.5	8.9	7.2	6.3	5.1	4.7	4.7	4.7	4.2	4.2
77.5°	5.5	3.8	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P844289

CATALOG NUMBER: LD6C30DE010B2750 EU6C30B30 6LBLWWLI

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2	1288.2
2.5°	1289.0	1289.9	1289.9	1290.3	1290.7	1290.7	1290.7	1290.7
5°	1288.2	1289.0	1289.5	1289.9	1290.3	1290.7	1290.7	1290.7
7.5°	1284.8	1286.5	1286.9	1287.8	1288.6	1289.0	1289.0	1289.5
10°	1279.6	1281.3	1282.6	1283.5	1284.4	1285.2	1286.1	1286.1
12.5°	1270.3	1272.9	1274.6	1275.4	1277.5	1278.4	1279.2	1280.1
15°	1255.0	1258.4	1260.5	1262.2	1263.9	1266.5	1266.9	1268.2
17.5°	1232.0	1236.7	1237.5	1240.1	1242.2	1246.4	1246.0	1246.4
20°	1198.8	1203.9	1205.6	1208.1	1211.5	1214.6	1217.1	1215.0
22.5°	1154.5	1160.5	1163.1	1165.6	1167.7	1170.3	1173.7	1174.1
25°	1102.2	1107.3	1109.5	1111.1	1115.4	1117.5	1120.9	1121.3
27.5°	1042.2	1045.2	1048.1	1049.0	1053.7	1055.0	1058.0	1058.0
30°	974.1	977.5	981.0	982.2	983.5	984.8	986.9	988.1
32.5°	904.3	907.8	909.0	911.2	911.6	913.7	912.8	916.2
35°	834.5	835.4	836.7	836.3	839.2	838.8	842.2	841.8
37.5°	764.4	763.5	765.6	767.7	766.9	766.0	767.3	765.2
40°	694.1	694.5	695.0	697.1	695.0	696.2	695.4	695.0
42.5°	628.6	628.6	626.0	628.6	626.9	626.0	627.7	625.2
45°	562.1	561.7	562.1	562.6	562.6	562.6	560.9	562.6
47.5°	499.2	499.6	497.9	500.9	500.0	498.4	498.4	497.1
50°	432.4	434.9	437.9	435.3	437.4	436.2	434.9	436.2
52.5°	369.0	370.7	368.6	369.0	373.7	373.7	371.1	370.7
55°	301.3	301.3	302.2	302.6	303.0	308.5	305.6	306.4
57.5°	240.8	240.8	239.6	242.1	240.4	238.3	240.4	234.9
60°	183.0	182.5	181.3	179.6	175.4	174.1	169.3	168.9
62.5°	130.2	125.5	123.8	120.5	115.7	114.4	109.8	109.4
65°	80.9	75.3	73.6	71.9	69.8	69.4	67.7	68.5
67.5°	46.0	45.2	44.6	43.4	42.5	41.7	41.7	41.2
70°	24.2	22.5	22.1	21.7	21.7	20.0	19.6	20.4
72.5°	9.4	8.5	8.5	8.5	8.0	8.0	8.0	8.0
75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180° - - 45°-225° - - - - 90°-270°













(END OF REPORT)