

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: METALUX

Report Number: P#

Luminaire Tested: **2SNLED-LD5-30HL-RW-UNV-L935-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

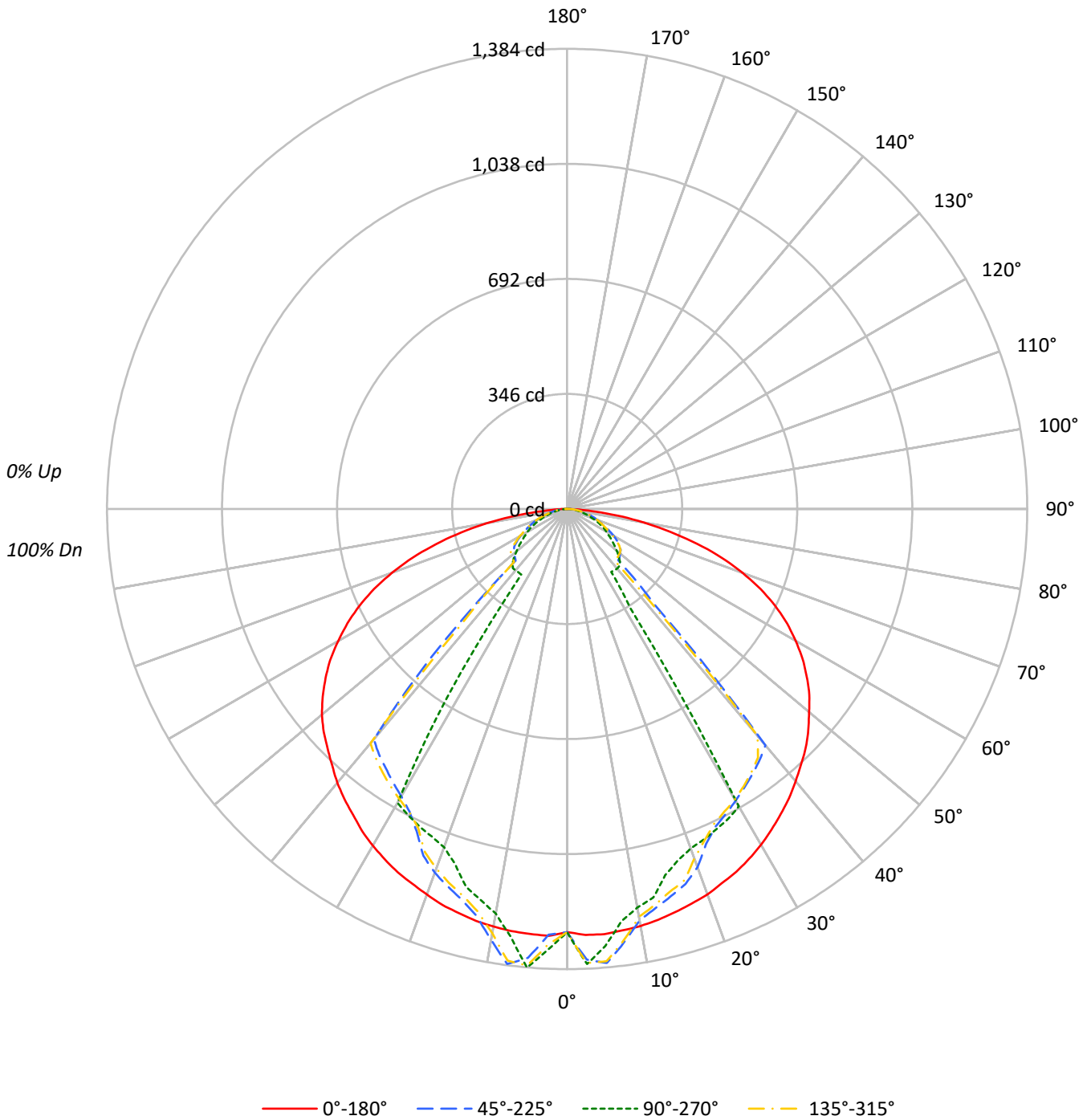
Lumens per Lamp: N/A
Luminaire Lumens: 2548.0 lumens
Efficiency: N/A
Efficacy: 94.4 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

Input Watts (W): 27
Input Voltage (V): NR
Input Current (A_{in}): 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



TEST NUMBER: P#
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Luminous Intensity Polar Plot





TEST NUMBER: P#

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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	110	106	102	99	108	104	101	98	100	97	94	96	94	92	92	91	89	87
2	102	94	88	83	99	93	87	82	89	85	81	86	82	79	83	80	77	75
3	94	84	77	72	91	83	76	71	80	74	70	77	73	69	75	71	67	65
4	87	76	68	62	85	75	67	62	72	66	61	70	65	60	68	63	59	57
5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53	51
6	75	63	55	49	73	62	54	49	60	53	48	59	53	48	57	52	47	46
7	70	58	50	44	68	57	49	44	55	48	43	54	48	43	53	47	43	41
8	66	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37
9	62	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36	34
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33	31

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20565	20565	20565	20565
5°	20710	20720	20700	21746
10°	20674	18733	20701	19021
15°	20661	17331	20709	17882
20°	20750	16439	20750	16377
25°	20866	16125	20896	15975
30°	21008	15840	21060	15653
35°	21175	3608	21219	3762
40°	21428	3751	21556	3873
45°	21839	3731	21914	3867
50°	22228	3374	22530	3464
55°	22764	2996	22945	3038
60°	23147	2662	23199	2695
65°	23302	2322	23245	2286
70°	22625	1873	22552	1805
75°	20522	1441	20669	1381
80°	15990	1023	16629	937
85°	7885	613	8329	470



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.2	4.9
10°-20°	344.2	13.5
20°-30°	509.8	20.0
30°-40°	513.7	20.2
40°-50°	401.3	15.7
50°-60°	310.0	12.2
60°-70°	208.1	8.2
70°-80°	106.2	4.2
80°-90°	29.5	1.2
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°	979.2	38.4
0°-40°	1493.0	58.6
0°-60°	2204.2	86.5
0°-90°	2548.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2548.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1272	1272	1272	1272	1272	
5°	1284	1319	1283	1384	1284	122
15°	1256	1140	1258	1176	1256	355
25°	1204	1062	1206	1053	1204	555
35°	1120	231	1122	241	1120	702
45°	1015	224	1019	233	1015	783
55°	880	163	887	166	880	786
65°	691	110	689	108	691	680
75°	405	55	408	53	405	424
85°	73	18	77	13	73	100
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1282.3	1287.0	1290.5	1292.8	1294.0	1294.0	1294.6	1295.1	1302.7	1306.2	1308.6
5°	1283.5	1288.2	1295.1	1304.5	1312.6	1319.6	1325.5	1333.6	1341.8	1350.5	1353.5
7.5°	1278.2	1284.1	1298.1	1315.0	1330.7	1341.8	1349.4	1354.6	1358.7	1359.3	1362.2
10°	1273.6	1284.1	1303.3	1325.5	1345.3	1358.7	1358.7	1355.8	1359.9	1344.1	1328.4
12.5°	1265.4	1277.1	1303.3	1332.5	1351.1	1356.4	1354.0	1342.4	1318.5	1299.2	1290.5
15°	1255.5	1271.2	1303.9	1336.6	1352.3	1354.0	1331.9	1302.1	1284.1	1272.4	1257.8
17.5°	1244.4	1265.4	1304.5	1337.1	1343.0	1334.8	1292.8	1274.2	1255.5	1228.1	1208.3
20°	1233.9	1254.3	1299.8	1329.0	1332.5	1295.7	1263.1	1243.2	1211.8	1187.9	1179.1
22.5°	1217.6	1241.5	1295.7	1317.9	1304.5	1261.9	1230.4	1198.9	1170.4	1163.4	1152.9
25°	1204.2	1229.3	1286.4	1304.5	1268.9	1231.0	1194.3	1157.5	1144.1	1134.2	1124.9
27.5°	1186.1	1217.0	1274.2	1280.0	1231.0	1197.8	1144.1	1127.8	1115.5	1104.5	1100.4
30°	1166.3	1204.2	1257.2	1246.2	1199.5	1150.5	1110.9	1095.7	1087.0	1075.3	1070.6
32.5°	1143.5	1184.9	1238.6	1207.1	1165.7	1104.5	1078.8	1067.1	1055.5	1046.7	1017.6
35°	1120.2	1168.0	1216.4	1169.8	1124.9	1069.5	1046.7	1036.2	1025.2	993.1	962.8
37.5°	1096.3	1149.4	1189.6	1129.5	1070.6	1033.3	1014.1	1002.4	977.3	936.5	921.4
40°	1068.9	1126.6	1155.2	1088.1	1023.4	996.6	978.5	966.8	910.3	892.2	887.5
42.5°	1041.5	1104.5	1113.2	1047.9	984.3	957.5	942.3	903.9	865.4	856.0	857.8
45°	1015.2	1080.6	1067.1	990.8	943.5	921.4	895.7	842.6	822.2	826.9	828.1
47.5°	983.8	1052.0	1018.7	933.6	901.5	879.4	822.2	790.2	787.2	793.6	797.1
50°	949.9	1019.9	967.4	881.7	856.0	829.8	765.1	748.7	752.2	758.7	762.7
52.5°	918.4	983.8	914.4	833.3	811.1	751.1	707.3	710.3	716.1	723.7	726.0
55°	880.0	940.0	857.8	784.3	763.3	684.6	664.8	671.8	677.6	684.0	688.7
57.5°	839.7	889.9	790.7	729.5	695.7	625.7	627.5	632.1	636.2	643.8	265.9
60°	793.6	832.7	717.3	678.8	611.7	579.1	580.8	589.0	593.1	331.2	183.1
62.5°	745.8	766.2	650.8	621.0	534.7	532.4	540.6	544.1	370.3	174.9	171.4
65°	691.0	686.9	585.5	538.2	482.3	484.6	493.3	475.8	163.9	163.9	162.7
67.5°	630.4	605.9	521.9	445.5	431.5	436.8	446.1	155.7	151.6	152.8	148.7
70°	561.0	526.6	456.0	377.3	382.0	387.2	150.4	141.1	139.4	136.5	128.3
72.5°	487.5	440.3	373.2	327.7	330.6	207.6	131.8	127.1	121.3	115.5	106.7
75°	405.3	344.1	274.1	274.1	278.2	118.4	114.9	107.3	100.9	93.3	88.1
77.5°	317.8	264.7	212.8	221.0	107.9	99.1	92.7	84.6	79.3	74.6	71.7
80°	232.7	184.9	160.4	143.5	84.0	75.2	68.8	64.1	61.8	58.9	55.4
82.5°	152.8	111.4	111.4	67.6	58.9	51.9	50.1	46.7	44.3	42.6	40.8
85°	72.9	64.7	49.0	41.4	36.7	33.2	32.1	30.3	30.3	29.7	29.2
87.5°	26.8	29.2	21.6	21.0	19.8	19.2	19.8	19.8	20.4	19.8	19.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1314.4	1319.1	1322.6	1328.4	1336.0	1342.4	1348.2	1356.4	1369.2	1372.7	1375.6
5°	1353.5	1355.2	1359.3	1364.0	1365.1	1368.0	1367.5	1371.0	1372.7	1376.8	1368.0
7.5°	1355.8	1346.5	1335.4	1325.5	1318.5	1312.1	1308.0	1314.4	1317.9	1320.8	1312.1
10°	1306.8	1295.7	1289.3	1283.5	1276.5	1266.6	1253.2	1256.1	1254.9	1254.9	1252.0
12.5°	1275.9	1260.2	1243.8	1229.3	1222.8	1222.3	1222.8	1229.3	1229.3	1228.7	1225.2
15°	1227.5	1212.3	1204.2	1200.7	1200.7	1198.9	1198.9	1205.9	1204.2	1204.2	1202.4
17.5°	1195.4	1184.9	1179.1	1175.0	1173.3	1176.2	1179.7	1182.6	1183.2	1180.9	1171.5
20°	1169.2	1159.3	1152.3	1153.4	1152.9	1154.6	1156.4	1146.4	1134.2	1117.9	1110.3
22.5°	1141.8	1134.2	1129.0	1129.0	1122.0	1110.9	1094.5	1091.0	1089.3	1081.7	1075.3
25°	1115.5	1106.8	1099.2	1075.9	1061.3	1063.1	1060.1	1054.3	1053.7	1053.1	1055.5
27.5°	1089.3	1066.6	1037.4	1033.9	1028.1	1027.5	1031.0	1033.9	1033.9	1036.2	1039.2
30°	1035.1	1008.8	1003.6	997.2	999.5	1007.7	1009.4	1013.5	1014.7	1018.7	1021.1
32.5°	985.5	973.8	969.2	972.1	979.7	986.7	990.8	992.5	995.4	998.9	1001.8
35°	945.3	941.8	945.8	952.3	959.8	965.7	969.2	972.7	975.6	978.5	980.8
37.5°	915.5	917.9	923.7	931.9	939.4	944.1	947.0	951.1	955.2	958.7	944.7
40°	887.5	893.4	899.8	908.5	914.9	919.6	922.5	927.8	892.8	404.1	221.6
42.5°	863.0	869.5	874.1	881.1	888.1	891.6	866.0	386.6	218.7	217.5	220.4
45°	833.3	838.6	846.1	851.4	857.8	563.3	215.2	217.5	214.0	216.3	217.5
47.5°	803.0	811.1	815.2	777.9	231.5	214.0	211.7	214.0	211.7	214.6	212.8
50°	768.6	778.5	554.0	209.3	207.6	206.4	208.8	207.6	209.3	211.7	207.0
52.5°	733.6	454.3	202.9	201.8	202.9	201.8	205.8	202.9	203.5	201.2	195.4
55°	248.4	196.5	194.8	194.2	197.7	197.7	197.7	193.0	190.1	184.3	180.2
57.5°	190.1	190.1	189.5	190.1	188.9	187.8	182.5	178.4	174.4	166.2	163.9
60°	180.2	180.2	180.2	180.2	174.9	172.6	164.4	160.9	153.9	149.9	147.5
62.5°	172.0	170.9	165.6	163.9	158.0	151.6	147.0	143.5	136.5	134.1	132.4
65°	160.4	156.3	149.9	142.9	140.0	133.0	130.6	125.4	121.9	120.1	119.0
67.5°	141.1	135.3	130.0	125.4	120.1	117.8	114.9	110.8	108.5	107.3	106.1
70°	120.7	116.6	111.4	108.5	105.0	103.2	99.1	98.0	96.2	94.5	92.7
72.5°	100.9	98.6	96.2	92.1	91.0	89.8	85.7	83.4	81.1	78.7	77.6
75°	84.6	82.8	81.6	78.1	76.4	72.9	70.0	68.2	66.5	64.7	63.6
77.5°	69.4	68.2	64.7	62.4	61.2	58.3	57.1	57.7	56.6	54.2	53.1
80°	54.2	53.1	50.1	50.1	49.0	47.8	46.7	45.5	44.3	42.6	41.4
82.5°	41.4	40.2	39.1	37.9	36.7	36.2	35.6	34.4	33.2	32.1	31.5
85°	29.2	28.6	28.0	27.4	26.8	26.2	25.7	24.5	23.3	22.7	22.2
87.5°	19.8	19.2	18.7	18.1	17.5	16.9	16.3	15.7	14.6	14.0	13.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1375.6	1378.5	1375.6	1369.2	1365.1	1363.4	1366.9	1366.9	1369.2	1372.1	1372.7
5°	1354.0	1347.0	1338.9	1330.7	1326.6	1324.3	1317.9	1319.1	1320.8	1322.0	1323.1
7.5°	1300.4	1291.1	1280.0	1269.5	1265.4	1261.9	1254.3	1254.3	1254.3	1254.9	1258.4
10°	1245.6	1241.5	1236.8	1229.8	1224.6	1222.8	1216.4	1218.2	1217.0	1218.8	1222.8
12.5°	1219.9	1215.3	1211.2	1204.2	1198.3	1196.0	1193.1	1194.8	1194.3	1197.2	1200.7
15°	1196.6	1194.3	1189.6	1184.4	1179.1	1174.4	1163.9	1160.4	1158.1	1155.2	1159.3
17.5°	1158.1	1141.8	1130.7	1122.5	1116.7	1112.6	1109.7	1109.7	1111.5	1113.2	1116.7
20°	1105.6	1101.0	1095.7	1087.0	1081.1	1078.8	1077.1	1077.1	1080.0	1082.3	1088.7
22.5°	1069.5	1068.9	1067.1	1063.1	1060.1	1060.1	1060.7	1061.9	1066.0	1069.5	1075.9
25°	1052.6	1054.9	1053.7	1051.4	1049.6	1050.2	1049.1	1050.2	1054.3	1057.8	1063.1
27.5°	1039.2	1042.6	1041.5	1038.0	1035.1	1036.2	1038.0	1036.8	1040.3	1044.4	1048.5
30°	1021.1	1021.7	1024.0	1019.9	1018.7	1020.5	1021.1	1022.2	1025.7	1028.7	1032.2
32.5°	1000.7	1005.3	1004.7	1000.7	1000.7	1002.4	1003.0	963.9	891.0	767.4	733.6
35°	980.8	986.1	977.3	824.0	570.3	304.4	235.0	226.8	228.6	229.8	230.9
37.5°	725.4	344.1	219.3	221.0	222.8	224.5	226.3	228.0	229.8	231.5	232.1
40°	218.1	217.5	219.3	221.6	223.3	224.5	226.8	228.6	230.3	232.1	232.7
42.5°	215.8	216.9	218.7	221.0	223.3	225.7	227.4	229.8	230.9	232.1	232.7
45°	214.6	216.9	219.3	221.0	222.8	223.9	225.1	225.7	225.1	225.1	226.3
47.5°	212.8	215.2	215.8	215.2	215.8	215.2	215.2	215.2	213.4	212.8	212.8
50°	206.4	206.4	205.3	202.9	202.3	201.8	200.6	200.0	197.7	197.1	197.1
52.5°	193.0	192.4	190.7	187.8	186.6	185.4	184.9	184.3	181.9	180.8	181.4
55°	177.3	176.1	174.4	170.9	170.3	169.1	168.5	167.9	165.6	166.8	165.0
57.5°	162.7	160.4	158.0	157.4	155.1	154.5	153.9	153.4	151.6	152.2	151.0
60°	145.2	144.6	143.5	141.1	141.1	140.5	140.5	139.4	138.2	137.6	137.6
62.5°	132.4	130.6	129.5	129.5	127.7	127.7	127.7	126.5	125.4	126.0	125.4
65°	118.4	117.8	117.2	116.0	116.0	115.5	115.5	114.3	112.5	113.1	112.0
67.5°	106.7	105.5	104.4	103.8	101.5	100.3	99.7	99.1	96.8	97.4	96.2
70°	92.1	90.4	89.2	88.1	86.3	85.1	85.1	84.0	82.2	82.8	81.6
72.5°	77.0	75.8	74.6	74.1	72.3	71.7	71.1	70.6	68.8	69.4	68.8
75°	64.1	64.1	63.6	63.0	61.2	59.5	58.3	57.7	56.6	57.1	56.0
77.5°	53.1	51.9	50.7	50.7	49.0	47.8	46.7	46.7	46.7	46.1	45.5
80°	41.4	40.2	40.2	39.7	38.5	37.3	36.7	36.7	36.2	36.2	35.6
82.5°	31.5	30.3	29.7	29.7	28.6	28.0	27.4	26.8	26.8	26.8	26.2
85°	22.2	21.0	20.4	20.4	19.2	18.7	18.7	18.1	18.1	17.5	17.5
87.5°	13.4	12.8	12.2	12.2	11.1	10.5	10.5	10.5	9.9	9.9	9.3
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1372.7	1372.7	1368.6	1369.8	1368.0	1370.4	1367.5	1367.5	1371.0	1371.0	1373.3
5°	1323.7	1320.8	1320.2	1319.1	1313.2	1315.6	1312.6	1309.7	1313.8	1313.8	1319.1
7.5°	1256.7	1251.4	1253.7	1250.2	1246.7	1241.5	1243.2	1240.9	1243.8	1247.9	1253.2
10°	1222.3	1217.6	1220.5	1217.0	1218.8	1211.2	1211.8	1212.3	1215.3	1216.4	1221.1
12.5°	1200.1	1198.9	1197.8	1196.6	1197.8	1193.7	1191.3	1191.9	1193.1	1193.7	1197.2
15°	1153.4	1145.9	1148.2	1140.0	1140.6	1141.2	1136.5	1141.2	1140.6	1148.2	1155.2
17.5°	1115.5	1115.5	1111.5	1108.0	1105.6	1105.0	1101.5	1103.9	1101.5	1106.2	1108.0
20°	1089.3	1088.7	1088.1	1086.4	1080.6	1081.1	1082.9	1077.6	1077.1	1076.5	1080.0
22.5°	1077.1	1077.6	1075.3	1075.3	1070.1	1071.2	1071.8	1066.0	1066.6	1064.8	1066.6
25°	1064.2	1065.4	1062.5	1062.5	1061.3	1060.7	1057.8	1059.0	1055.5	1052.6	1055.5
27.5°	1049.1	1051.4	1049.1	1050.2	1047.9	1046.7	1045.0	1043.8	1040.3	1039.7	1041.5
30°	1035.1	1036.2	1035.7	1032.7	1032.2	1028.7	1030.4	1026.9	1023.4	1024.0	1025.2
32.5°	530.7	506.7	390.7	352.8	349.3	362.1	429.2	522.5	677.0	826.9	934.8
35°	231.5	231.5	231.5	230.9	230.9	230.3	229.8	229.2	228.6	228.0	227.4
37.5°	232.7	232.7	232.7	232.7	232.1	231.5	231.5	230.3	229.8	229.2	228.6
40°	233.3	233.8	233.8	233.8	233.3	233.3	232.7	231.5	230.9	229.8	228.6
42.5°	232.7	233.3	233.3	232.7	232.7	232.1	232.1	231.5	230.9	230.3	229.8
45°	225.1	225.7	224.5	224.5	223.9	223.9	223.9	223.9	223.9	224.5	224.5
47.5°	211.7	211.7	211.1	210.5	210.5	209.9	210.5	209.9	211.1	211.7	212.8
50°	195.9	195.9	194.8	194.2	194.2	194.2	194.2	194.8	195.4	196.5	197.7
52.5°	179.6	179.6	179.0	178.4	177.9	177.9	179.6	179.0	179.6	180.2	181.9
55°	163.9	164.4	163.3	163.3	162.7	162.7	162.7	163.3	163.9	164.4	166.2
57.5°	150.4	150.4	149.3	149.3	149.3	148.7	150.4	149.3	149.9	150.4	151.6
60°	137.0	136.5	136.5	135.9	135.9	135.9	137.0	136.5	136.5	137.0	138.2
62.5°	124.8	124.8	124.2	124.2	123.6	123.6	124.8	124.2	124.2	124.8	125.4
65°	110.8	110.8	110.2	109.6	111.4	109.6	111.4	110.2	111.4	112.0	113.1
67.5°	95.1	95.1	95.1	94.5	94.5	95.6	96.2	95.1	95.6	96.8	97.4
70°	81.1	81.1	80.5	80.5	80.5	81.6	82.2	81.1	81.6	82.2	83.4
72.5°	68.8	67.6	67.6	67.1	68.2	68.2	68.8	68.2	68.8	68.8	70.0
75°	56.6	55.4	55.4	55.4	56.6	56.0	56.6	56.0	56.6	56.6	57.1
77.5°	45.5	44.9	44.3	44.3	45.5	45.5	45.5	44.9	45.5	46.1	46.7
80°	35.6	35.0	34.4	34.4	35.6	35.6	35.6	36.2	35.6	36.2	36.7
82.5°	26.2	25.7	25.1	26.2	26.2	26.2	26.2	26.8	26.2	26.8	27.4
85°	17.5	16.9	16.3	17.5	17.5	17.5	17.5	18.1	17.5	18.1	18.7
87.5°	9.3	8.7	8.7	9.3	9.3	9.3	9.9	9.9	9.9	10.5	10.5
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1376.8	1378.5	1378.0	1374.5	1371.0	1366.9	1364.0	1364.5	1370.4	1372.1	1366.9
5°	1319.1	1330.1	1330.1	1337.7	1333.6	1330.1	1332.5	1345.3	1351.7	1361.6	1365.1
7.5°	1259.6	1264.8	1264.2	1271.8	1270.7	1270.7	1272.4	1289.3	1297.5	1305.6	1308.0
10°	1226.3	1231.6	1231.0	1231.6	1229.8	1225.8	1225.8	1233.3	1240.3	1244.4	1245.6
12.5°	1202.4	1205.3	1204.8	1204.8	1203.6	1200.1	1199.5	1205.9	1213.5	1218.8	1219.3
15°	1166.9	1175.0	1176.8	1184.4	1182.6	1177.9	1179.1	1184.4	1189.0	1193.7	1191.9
17.5°	1113.8	1117.9	1118.5	1121.4	1120.2	1120.2	1127.2	1146.4	1159.3	1170.4	1171.5
20°	1083.5	1086.4	1085.2	1091.6	1088.7	1088.1	1089.9	1098.0	1103.9	1109.1	1118.5
22.5°	1068.9	1071.2	1069.5	1070.1	1064.8	1060.1	1059.0	1065.4	1071.8	1078.8	1078.8
25°	1056.6	1058.4	1057.8	1056.6	1052.6	1046.1	1045.0	1046.1	1048.5	1049.1	1045.0
27.5°	1042.1	1043.2	1043.2	1043.8	1038.6	1032.7	1031.6	1030.4	1032.7	1032.2	1025.7
30°	1026.9	1025.2	1025.7	1026.3	1021.7	1016.4	1014.1	1013.5	1015.8	1015.2	1008.8
32.5°	990.8	1004.2	1005.3	1006.5	1002.4	997.7	995.4	993.7	994.8	994.2	988.4
35°	226.8	230.9	282.8	640.3	869.5	962.8	972.7	970.3	970.9	970.9	966.3
37.5°	227.4	226.8	226.3	224.5	222.8	221.6	383.1	817.0	946.4	947.0	942.9
40°	227.4	226.8	226.3	225.1	222.8	221.0	218.1	215.8	221.0	486.3	889.9
42.5°	228.6	227.4	226.3	225.1	222.8	220.4	218.1	215.2	216.9	215.8	212.8
45°	225.1	224.5	224.5	223.9	222.8	220.4	217.5	214.0	212.3	214.0	211.1
47.5°	214.0	214.6	216.3	216.9	216.9	217.5	215.8	213.4	210.5	212.3	208.8
50°	198.8	200.0	200.6	203.5	204.7	207.0	207.6	207.6	207.0	209.3	207.0
52.5°	182.5	183.7	186.6	187.8	188.9	192.4	193.6	195.4	196.5	200.0	202.3
55°	166.8	167.4	168.5	170.9	172.6	175.5	177.3	179.0	181.9	183.7	190.7
57.5°	152.2	152.8	155.1	155.7	156.9	159.2	160.9	163.3	165.6	166.8	174.9
60°	138.2	138.8	140.5	141.1	141.7	144.0	145.8	147.5	149.3	150.4	156.3
62.5°	126.0	126.0	127.7	127.7	128.3	130.0	131.2	132.4	134.1	134.7	137.6
65°	113.7	114.3	115.5	115.5	116.0	117.2	117.8	118.4	120.1	120.1	122.5
67.5°	98.6	99.1	100.9	102.0	102.6	105.0	105.5	106.1	107.3	107.9	109.0
70°	84.0	84.6	86.3	86.9	87.5	89.2	90.4	92.1	93.9	95.6	96.8
72.5°	70.6	71.1	72.9	72.9	74.6	75.2	76.4	77.0	78.7	79.9	81.6
75°	57.7	58.3	60.1	60.1	61.8	62.4	63.0	63.6	64.7	65.9	67.1
77.5°	47.2	47.2	49.6	50.7	51.9	51.9	52.5	52.5	52.5	53.1	54.2
80°	37.3	37.3	39.1	40.2	41.4	41.4	42.0	42.6	43.2	43.2	43.7
82.5°	28.0	28.0	29.7	30.3	31.5	31.5	31.5	32.1	32.7	32.1	33.2
85°	19.2	19.2	20.4	21.0	22.2	22.2	22.2	22.7	23.3	22.7	23.3
87.5°	11.1	11.7	12.2	12.8	13.4	14.0	14.0	14.0	14.6	14.6	15.2
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1361.0	1354.0	1353.5	1345.3	1343.0	1343.5	1337.1	1334.8	1324.3	1322.0	1310.9
5°	1366.3	1369.8	1368.0	1367.5	1369.2	1368.0	1363.4	1361.0	1359.3	1354.6	1345.3
7.5°	1308.6	1310.9	1312.6	1320.2	1326.6	1337.7	1349.4	1357.0	1362.8	1364.0	1356.4
10°	1249.7	1260.7	1268.3	1280.0	1289.3	1295.7	1302.7	1309.1	1326.1	1343.0	1352.9
12.5°	1219.3	1222.3	1221.7	1228.1	1234.5	1251.4	1267.7	1277.1	1289.9	1297.5	1315.6
15°	1193.7	1194.3	1196.0	1200.7	1204.2	1210.0	1217.6	1231.6	1257.2	1268.9	1278.8
17.5°	1170.4	1170.4	1171.5	1175.6	1180.3	1185.5	1190.2	1196.0	1208.8	1228.1	1252.6
20°	1133.0	1149.4	1151.1	1150.5	1152.9	1162.8	1163.9	1174.4	1180.9	1188.4	1212.3
22.5°	1077.6	1087.6	1101.5	1123.1	1131.3	1136.0	1139.5	1144.1	1154.0	1162.8	1172.7
25°	1047.3	1053.7	1057.8	1064.2	1081.1	1108.5	1113.8	1119.0	1125.5	1131.9	1144.1
27.5°	1020.5	1019.9	1022.8	1028.7	1033.3	1047.9	1073.6	1094.0	1095.1	1104.5	1115.0
30°	1001.2	997.7	993.7	992.5	998.9	1006.5	1014.1	1046.1	1068.3	1073.0	1084.1
32.5°	983.2	977.3	971.5	966.8	962.8	969.2	973.8	987.8	1016.4	1043.2	1049.1
35°	961.0	955.2	948.2	942.9	936.5	935.9	935.4	948.8	958.1	990.2	1018.2
37.5°	938.3	931.9	926.0	920.2	913.8	909.1	906.2	909.7	918.4	932.4	979.1
40°	914.4	906.8	900.9	896.3	887.5	884.0	878.2	875.9	876.5	888.7	913.2
42.5°	546.4	871.2	874.1	868.9	861.3	856.6	850.2	847.3	841.5	847.3	861.3
45°	210.5	212.8	637.4	842.1	832.7	826.9	821.1	818.1	811.7	807.1	819.9
47.5°	206.4	208.8	204.1	289.2	794.8	796.6	789.6	786.7	780.2	776.7	773.2
50°	203.5	205.3	201.8	202.9	198.8	728.3	757.5	754.0	747.0	742.9	735.9
52.5°	200.6	200.6	198.3	195.4	194.2	194.8	612.9	720.8	712.6	708.5	699.2
55°	191.3	192.4	194.8	190.1	188.9	188.4	186.6	583.7	674.7	670.0	661.9
57.5°	177.3	179.6	186.0	184.9	184.9	180.2	179.0	179.0	541.7	631.0	622.8
60°	160.9	163.3	170.3	172.6	174.4	173.2	172.0	171.4	169.1	570.9	581.4
62.5°	144.0	146.4	148.7	156.3	158.6	161.5	165.0	163.3	160.9	160.9	537.7
65°	126.0	129.5	130.6	137.6	140.5	145.8	148.7	152.8	151.6	151.0	153.9
67.5°	110.2	114.3	114.9	117.8	123.0	125.4	128.9	136.5	140.0	141.1	142.3
70°	96.8	99.1	100.9	102.0	105.5	106.1	112.5	117.8	123.0	128.9	130.6
72.5°	83.4	85.1	88.6	87.5	88.6	91.0	94.5	98.0	103.2	111.4	116.6
75°	68.2	69.4	71.7	72.9	75.2	77.0	79.3	82.2	86.9	91.0	98.0
77.5°	54.8	55.4	57.1	57.7	60.1	61.8	65.9	67.6	70.6	73.5	77.6
80°	44.3	44.3	44.9	44.9	46.7	48.4	51.3	53.1	56.6	58.9	58.9
82.5°	33.8	33.8	35.6	35.6	36.7	36.7	38.5	38.5	40.2	41.4	42.6
85°	23.9	24.5	25.7	25.1	26.2	25.7	26.8	28.0	28.6	28.0	27.4
87.5°	15.7	15.7	16.9	16.3	16.9	16.9	18.1	18.1	18.7	18.7	18.1
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1306.8	1298.1	1292.8	1286.4	1284.7	1282.9	1285.2	1285.2	1281.7	1278.8	1273.6
5°	1337.1	1327.8	1317.9	1307.4	1297.5	1287.0	1282.9	1282.3	1275.9	1272.4	1270.7
7.5°	1352.9	1348.2	1337.1	1322.6	1307.4	1288.7	1280.6	1275.9	1269.5	1268.3	1268.3
10°	1354.6	1349.4	1343.5	1333.1	1315.6	1291.1	1275.3	1266.0	1260.2	1264.2	1271.8
12.5°	1337.7	1347.6	1342.4	1335.4	1321.4	1291.6	1268.9	1254.9	1253.2	1263.7	1283.5
15°	1294.6	1323.7	1338.3	1331.3	1320.2	1290.5	1258.4	1242.1	1242.1	1263.7	1289.3
17.5°	1261.9	1284.7	1320.2	1326.1	1313.2	1288.2	1248.5	1229.3	1234.5	1266.0	1293.4
20°	1235.1	1249.1	1283.5	1316.1	1303.9	1282.9	1233.9	1214.1	1224.6	1262.5	1299.2
22.5°	1193.1	1221.1	1242.1	1290.5	1294.6	1273.0	1219.3	1195.4	1216.4	1262.5	1296.3
25°	1152.3	1186.1	1208.3	1255.5	1280.6	1260.7	1205.9	1175.6	1207.7	1260.7	1294.0
27.5°	1123.7	1139.5	1179.7	1213.5	1259.6	1244.4	1187.9	1154.0	1196.6	1251.4	1280.6
30°	1093.4	1103.9	1143.5	1175.6	1231.6	1225.8	1169.2	1130.1	1182.6	1242.7	1245.6
32.5°	1060.1	1071.8	1092.2	1138.9	1192.5	1208.3	1148.2	1106.2	1167.4	1229.3	1204.8
35°	1026.3	1035.1	1051.4	1101.5	1147.0	1182.0	1122.5	1078.8	1156.9	1208.8	1165.7
37.5°	992.5	1001.8	1015.8	1057.8	1099.2	1157.5	1100.4	1051.4	1137.7	1172.7	1124.9
40°	960.4	965.7	980.3	1006.5	1059.6	1132.5	1075.3	1022.8	1117.9	1126.6	1069.5
42.5°	901.5	927.8	941.2	962.2	1014.7	1098.0	1046.1	992.5	1095.7	1080.6	1014.1
45°	838.0	895.1	900.9	921.9	975.0	1061.3	1018.7	962.8	1074.7	1040.9	961.6
47.5°	786.1	827.5	861.3	878.8	927.8	1018.2	993.1	937.7	1043.2	990.8	910.3
50°	740.0	762.2	823.4	836.2	871.2	966.3	962.8	908.5	999.5	927.8	860.1
52.5°	695.1	710.8	766.2	793.6	822.2	910.3	926.6	880.0	951.7	864.8	809.4
55°	656.0	661.3	691.6	749.3	775.0	853.7	887.0	846.7	891.0	804.7	760.4
57.5°	615.8	611.1	633.3	707.3	726.0	796.0	845.0	812.9	842.1	743.5	709.7
60°	573.8	567.4	576.7	625.7	674.1	738.8	795.4	775.6	782.6	682.9	653.1
62.5°	530.1	523.7	520.7	551.6	623.4	679.9	745.2	734.2	709.7	627.5	583.1
65°	484.6	478.2	473.5	485.8	567.4	603.5	689.3	686.4	629.8	569.1	491.0
67.5°	147.5	435.0	425.1	424.5	478.2	534.2	628.6	624.0	549.3	506.7	422.8
70°	133.0	352.8	375.0	369.7	393.0	463.6	559.2	555.7	471.2	406.4	373.8
72.5°	121.9	124.8	331.2	325.4	330.6	394.2	486.9	477.6	399.4	320.7	323.1
75°	104.4	109.6	114.3	274.7	267.7	326.6	408.2	393.6	329.5	264.7	270.0
77.5°	85.1	91.6	95.1	200.0	216.3	232.7	326.0	306.7	226.8	211.7	100.9
80°	63.6	68.8	74.6	79.9	164.4	162.7	242.0	222.8	158.0	131.8	78.7
82.5°	46.7	48.4	51.9	57.7	65.3	109.0	155.7	137.0	109.6	60.1	54.2
85°	29.2	31.5	33.2	35.0	39.7	65.3	77.0	61.2	46.1	36.7	34.4
87.5°	18.7	18.7	18.1	18.7	19.2	23.3	26.2	25.1	19.8	18.7	18.7
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1267.7	1259.6	1259.6	1257.2	1259.0	1259.0	1258.4	1259.0	1263.1	1265.4	1269.5
5°	1267.2	1264.8	1270.1	1276.5	1284.1	1293.4	1295.7	1303.9	1311.5	1321.4	1331.9
7.5°	1274.7	1282.9	1292.8	1303.3	1318.5	1329.6	1339.5	1349.4	1356.4	1365.7	1371.5
10°	1285.8	1302.1	1319.1	1332.5	1348.8	1358.1	1364.5	1365.7	1355.8	1340.0	1327.2
12.5°	1301.6	1320.8	1336.6	1349.4	1357.0	1353.5	1334.8	1315.6	1304.5	1288.2	1265.4
15°	1315.0	1332.5	1348.8	1343.5	1323.1	1303.9	1289.3	1266.6	1244.4	1229.3	1219.3
17.5°	1320.8	1337.7	1331.9	1304.5	1285.2	1263.1	1233.3	1215.8	1201.3	1189.6	1183.8
20°	1324.3	1321.4	1289.9	1270.1	1232.8	1212.3	1193.1	1176.8	1165.7	1159.9	1158.7
22.5°	1315.0	1279.4	1252.6	1217.0	1189.6	1172.7	1157.5	1144.1	1136.5	1131.9	1129.0
25°	1284.1	1242.7	1203.0	1175.0	1151.7	1137.1	1125.5	1114.4	1105.0	1102.7	1096.9
27.5°	1240.9	1207.1	1154.6	1133.0	1112.6	1105.6	1092.8	1081.7	1073.6	1066.6	1047.9
30°	1205.3	1151.7	1113.8	1094.0	1081.7	1073.6	1059.0	1047.3	1033.3	1007.7	997.2
32.5°	1161.6	1108.5	1072.4	1061.3	1046.1	1039.2	1022.8	997.2	975.6	965.1	964.5
35°	1105.0	1061.3	1035.1	1025.2	1012.9	1001.2	967.4	944.1	933.6	934.8	943.5
37.5°	1057.8	1018.7	1001.8	987.8	973.8	944.1	915.5	904.4	907.4	913.2	917.3
40°	1010.0	980.3	961.0	949.9	918.4	889.3	874.1	878.2	883.5	887.5	892.8
42.5°	963.3	942.3	923.1	901.5	858.4	842.6	846.1	851.4	856.0	861.9	867.1
45°	919.0	900.4	878.2	829.2	807.6	811.7	817.0	821.1	828.1	832.1	837.4
47.5°	877.0	857.2	818.1	775.0	772.7	780.8	785.5	790.7	796.0	785.5	433.3
50°	829.8	809.4	749.9	733.6	738.8	746.4	752.2	757.5	674.7	268.2	206.4
52.5°	783.2	731.3	693.4	698.0	703.3	712.0	716.1	531.8	211.7	201.8	202.3
55°	731.3	664.8	653.7	659.5	664.2	672.9	446.1	195.4	194.2	193.6	198.3
57.5°	649.6	609.4	614.0	619.9	624.5	440.9	190.1	188.9	189.5	190.1	190.7
60°	576.7	568.0	573.2	578.5	409.4	183.7	180.2	180.8	183.1	181.4	176.7
62.5°	519.0	526.0	531.2	465.3	174.4	172.6	174.4	172.6	168.5	165.6	159.8
65°	474.7	481.7	485.8	163.9	163.3	165.6	163.9	158.0	151.6	143.5	141.7
67.5°	428.0	435.0	155.7	151.6	153.9	151.0	144.0	137.0	132.4	125.4	122.5
70°	379.6	162.7	141.1	140.5	136.5	131.8	124.2	117.2	111.4	108.5	105.5
72.5°	274.1	128.9	127.1	122.5	115.5	109.0	102.6	98.6	95.6	93.9	92.1
75°	114.3	112.0	106.7	98.6	91.6	88.6	84.0	81.1	79.9	76.4	75.2
77.5°	95.6	91.0	83.4	77.6	73.5	71.7	68.2	64.7	63.0	62.4	60.1
80°	73.5	67.1	63.6	60.6	59.5	55.4	51.3	49.6	48.4	47.8	46.1
82.5°	50.1	47.8	45.5	41.4	41.4	39.7	37.9	36.7	35.6	35.6	34.4
85°	32.7	30.9	30.3	28.6	28.6	27.4	26.8	26.2	25.7	25.1	24.5
87.5°	18.7	18.7	19.2	18.7	18.7	18.1	17.5	16.9	16.3	16.3	15.2
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1274.7	1280.6	1281.7	1301.6	1312.6	1312.1	1308.6	1319.1	1312.6	1309.1	1312.6
5°	1342.4	1349.4	1355.2	1376.8	1384.4	1387.9	1387.3	1393.1	1388.4	1384.4	1384.4
7.5°	1375.6	1378.0	1380.3	1375.0	1371.5	1365.7	1357.0	1344.1	1337.7	1330.7	1322.0
10°	1320.8	1313.2	1316.1	1305.6	1296.9	1290.5	1282.3	1271.8	1263.1	1256.7	1246.7
12.5°	1253.7	1253.2	1254.3	1256.1	1247.3	1242.1	1235.7	1228.1	1221.7	1214.7	1206.5
15°	1212.9	1213.5	1218.2	1216.4	1213.5	1210.6	1203.6	1201.3	1195.4	1187.9	1183.2
17.5°	1183.8	1186.7	1191.3	1189.0	1184.4	1181.4	1176.2	1170.9	1165.7	1159.9	1152.9
20°	1158.1	1161.0	1163.9	1161.0	1152.3	1148.2	1141.2	1124.9	1113.2	1101.5	1091.0
22.5°	1130.1	1131.9	1129.5	1120.2	1098.0	1087.6	1079.4	1074.7	1064.8	1058.4	1052.0
25°	1095.1	1085.2	1070.1	1059.6	1050.8	1046.1	1042.6	1042.1	1040.9	1039.7	1036.8
27.5°	1038.0	1034.5	1026.3	1022.2	1022.8	1024.6	1025.2	1026.9	1025.2	1022.8	1020.5
30°	995.4	997.2	997.7	998.9	1001.8	1003.6	1004.2	1006.5	1005.3	1003.6	1002.4
32.5°	968.6	972.7	975.0	978.5	980.3	983.2	983.2	986.7	983.2	982.6	981.4
35°	946.4	949.9	951.1	956.3	958.1	961.0	961.0	963.9	961.0	931.3	735.3
37.5°	924.3	927.8	930.1	934.8	935.4	937.1	864.8	632.7	408.2	316.1	241.4
40°	898.0	902.1	904.4	906.2	636.8	404.1	278.2	226.3	226.3	228.0	229.8
42.5°	870.0	873.0	608.2	354.0	220.4	219.8	221.6	223.3	225.1	227.4	229.8
45°	684.0	345.2	219.3	214.0	215.8	218.1	220.4	222.8	225.7	228.0	229.2
47.5°	224.5	210.5	213.4	211.1	214.0	216.9	219.3	221.6	222.2	222.8	222.2
50°	207.6	207.6	209.3	209.3	211.7	212.8	212.8	212.8	210.5	209.9	208.2
52.5°	200.6	205.3	202.9	204.1	202.9	201.2	199.4	197.7	194.2	193.0	190.7
55°	197.1	198.8	193.0	191.3	188.9	184.3	181.9	179.6	176.7	175.5	172.6
57.5°	188.9	184.9	178.4	175.5	171.4	166.8	164.4	162.7	159.8	158.6	156.9
60°	173.8	165.6	161.5	158.0	153.4	149.3	147.5	146.4	144.0	143.5	141.7
62.5°	155.1	148.1	144.6	140.0	136.5	134.1	132.4	131.8	129.5	129.5	128.3
65°	134.7	131.2	128.3	123.6	121.9	119.5	119.0	118.4	117.2	116.6	115.5
67.5°	118.4	116.0	112.0	109.6	108.5	106.7	105.5	104.4	102.0	100.9	99.1
70°	103.8	102.0	98.0	96.2	93.9	91.0	89.2	88.1	86.3	85.1	83.4
72.5°	89.8	84.6	81.6	79.9	78.1	75.2	74.6	73.5	71.7	71.1	69.4
75°	72.3	68.2	66.5	65.3	63.6	61.8	61.8	61.8	60.1	59.5	58.9
77.5°	57.7	55.4	54.2	53.1	52.5	51.3	49.6	49.0	47.2	47.2	46.7
80°	44.3	43.2	42.0	41.4	40.8	39.7	38.5	37.9	36.2	36.2	35.6
82.5°	32.7	32.1	31.5	30.9	30.3	29.7	28.0	27.4	26.2	26.2	25.7
85°	23.3	22.7	21.6	21.0	21.0	20.4	18.7	18.1	16.9	16.9	16.9
87.5°	14.6	14.0	13.4	12.8	12.2	11.7	10.5	9.9	9.9	8.7	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1305.6	1315.6	1314.4	1321.4	1323.1	1326.6	1327.8	1328.4	1319.6	1326.6	1327.2
5°	1382.6	1384.4	1385.5	1388.4	1391.4	1391.9	1389.0	1385.5	1386.7	1384.4	1378.5
7.5°	1320.8	1312.1	1310.3	1308.0	1306.8	1305.6	1300.4	1305.1	1299.8	1297.5	1289.3
10°	1245.0	1236.8	1236.3	1236.3	1238.0	1237.4	1236.3	1233.9	1238.6	1235.7	1233.9
12.5°	1205.3	1202.4	1204.2	1203.0	1207.7	1208.8	1207.7	1207.7	1206.5	1204.2	1205.3
15°	1181.4	1179.1	1180.9	1179.1	1182.6	1183.2	1180.3	1182.0	1179.1	1176.2	1175.0
17.5°	1149.9	1144.7	1140.6	1134.8	1135.4	1134.2	1130.7	1130.7	1127.8	1120.2	1120.8
20°	1089.3	1084.1	1081.7	1081.7	1084.6	1085.8	1085.2	1086.4	1083.5	1082.3	1077.6
22.5°	1051.4	1050.8	1052.0	1054.9	1059.6	1066.0	1066.6	1066.6	1066.6	1066.0	1060.1
25°	1038.0	1038.0	1039.2	1043.2	1046.7	1051.4	1052.6	1053.7	1052.6	1052.6	1047.3
27.5°	1022.8	1021.7	1024.0	1028.1	1032.2	1035.7	1038.6	1039.2	1037.4	1037.4	1039.2
30°	1004.2	1003.6	1006.5	1010.6	1014.1	1017.6	1020.5	1022.8	1020.5	1020.5	1018.7
32.5°	984.9	984.9	986.1	961.6	891.6	803.0	804.7	753.4	717.8	672.9	732.4
35°	614.6	447.3	384.3	325.4	284.0	257.2	256.6	247.8	243.8	240.8	240.3
37.5°	232.1	233.3	235.6	236.8	238.5	239.7	240.3	240.3	240.3	240.3	239.7
40°	231.5	233.8	235.6	237.3	239.1	240.3	240.3	240.8	241.4	241.4	241.4
42.5°	232.1	234.4	236.8	238.5	239.7	240.3	240.8	241.4	241.4	241.4	241.4
45°	231.5	232.7	232.7	233.3	233.3	233.3	233.8	233.8	233.3	232.7	233.8
47.5°	222.8	222.8	221.0	220.4	219.8	218.7	219.3	218.7	218.1	217.5	218.7
50°	207.6	205.3	204.1	202.9	202.3	201.2	201.8	201.2	200.6	199.4	201.2
52.5°	189.5	188.9	186.6	185.4	184.9	185.4	184.3	183.7	183.1	182.5	183.1
55°	172.0	169.7	169.1	167.9	167.4	167.9	167.4	166.8	166.2	165.6	166.2
57.5°	156.3	154.5	153.9	152.8	152.8	152.8	152.8	152.2	151.6	151.0	151.6
60°	141.1	140.0	139.4	139.4	138.8	138.8	138.8	138.2	137.6	137.6	138.2
62.5°	128.3	128.3	126.5	126.0	126.0	126.5	126.0	125.4	124.8	124.2	125.4
65°	114.9	112.5	112.0	110.8	109.6	110.2	109.6	109.0	108.5	107.9	109.0
67.5°	98.6	98.0	95.6	94.5	93.9	94.5	93.9	93.3	92.7	92.1	93.3
70°	82.8	82.8	80.5	79.9	79.3	79.3	78.7	78.7	78.1	77.6	78.7
72.5°	68.8	68.8	68.2	67.1	66.5	65.9	65.3	64.7	64.7	65.3	65.3
75°	57.1	56.0	53.6	54.2	53.6	53.1	53.1	52.5	51.9	53.1	52.5
77.5°	44.9	44.3	42.6	43.2	42.6	42.0	42.0	41.4	40.8	41.4	41.4
80°	33.8	33.8	33.2	32.7	32.7	32.1	31.5	31.5	30.9	31.5	31.5
82.5°	24.5	24.5	23.9	23.3	22.7	22.7	22.2	22.2	22.2	22.2	22.2
85°	15.7	15.2	15.2	14.0	14.0	14.0	13.4	13.4	13.4	13.4	13.4
87.5°	7.6	7.6	7.0	7.0	6.4	5.8	5.8	5.2	5.2	5.8	5.8
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1316.7	1324.3	1317.9	1320.8	1321.4	1331.3	1330.7	1333.1	1329.0	1324.3	1317.9
5°	1383.8	1380.3	1375.6	1386.7	1380.9	1387.9	1390.2	1394.9	1394.9	1394.3	1389.0
7.5°	1298.1	1290.5	1296.3	1300.4	1302.1	1297.5	1306.8	1317.3	1326.1	1331.3	1331.9
10°	1231.0	1233.3	1232.8	1234.5	1238.6	1238.0	1243.8	1249.7	1252.0	1255.5	1256.7
12.5°	1199.5	1198.9	1200.1	1204.2	1206.5	1205.9	1211.8	1215.3	1216.4	1217.0	1216.4
15°	1174.4	1170.4	1173.3	1173.9	1175.6	1175.6	1182.6	1187.9	1190.2	1191.3	1190.2
17.5°	1127.2	1117.3	1126.6	1126.6	1133.0	1131.9	1142.9	1151.7	1156.4	1159.9	1159.9
20°	1080.6	1075.9	1079.4	1078.2	1082.9	1082.3	1089.3	1095.1	1099.2	1102.1	1105.6
22.5°	1061.9	1063.1	1057.8	1058.4	1058.4	1057.8	1061.3	1064.2	1065.4	1067.1	1066.0
25°	1049.6	1050.8	1049.1	1046.1	1045.0	1046.1	1047.9	1051.4	1052.0	1050.8	1046.7
27.5°	1037.4	1033.9	1036.8	1031.6	1030.4	1032.7	1035.1	1035.7	1036.2	1036.2	1032.7
30°	1018.7	1015.8	1018.7	1016.4	1014.1	1016.4	1018.2	1018.2	1019.3	1019.9	1015.8
32.5°	712.0	717.8	812.3	869.5	949.9	990.8	998.3	998.3	999.5	999.5	996.0
35°	242.6	243.2	263.0	285.2	332.4	390.7	467.1	506.7	640.9	801.2	956.3
37.5°	239.7	239.1	238.5	237.9	237.3	236.8	235.6	235.0	238.5	282.8	383.7
40°	240.8	240.3	239.1	238.5	237.9	236.8	236.2	235.0	233.8	232.7	231.5
42.5°	240.8	240.3	239.7	239.1	238.5	237.9	236.8	235.6	234.4	232.7	230.9
45°	232.7	232.7	233.3	233.3	233.8	233.8	233.8	233.3	233.3	232.7	230.3
47.5°	217.5	217.5	219.3	219.3	220.4	221.6	221.6	222.8	224.5	225.7	226.3
50°	200.0	200.0	201.8	202.3	203.5	205.3	207.0	207.6	209.3	211.7	214.0
52.5°	182.5	182.5	184.3	184.3	185.4	187.2	188.9	189.5	191.9	194.2	197.1
55°	166.2	166.2	167.4	167.9	168.5	169.7	171.4	171.4	173.8	175.5	178.4
57.5°	151.6	152.8	152.8	152.8	153.4	154.5	155.7	155.7	157.4	159.2	161.5
60°	137.6	138.8	138.8	138.8	139.4	140.0	141.1	141.1	142.3	143.5	145.8
62.5°	124.8	126.0	126.0	126.5	126.5	127.1	128.3	127.7	128.9	129.5	131.2
65°	108.5	109.6	110.2	110.8	111.4	112.5	114.3	113.7	115.5	116.6	118.4
67.5°	92.7	93.9	93.9	94.5	95.1	96.2	97.4	97.4	99.1	100.3	102.6
70°	78.1	79.3	79.3	79.9	80.5	81.6	82.8	82.2	84.0	85.1	86.9
72.5°	64.7	65.9	65.9	66.5	66.5	67.6	68.8	70.0	70.0	71.1	72.3
75°	52.5	53.1	53.6	53.6	54.2	54.8	56.0	57.1	57.7	58.3	59.5
77.5°	41.4	42.0	42.6	42.6	43.2	43.7	44.3	46.7	47.8	48.4	48.4
80°	31.5	32.1	32.1	32.1	32.7	33.2	34.4	34.4	36.7	36.7	37.3
82.5°	22.2	22.7	22.7	22.7	23.3	24.5	25.1	25.7	26.8	27.4	27.4
85°	13.4	14.0	14.0	14.0	14.6	15.2	16.3	16.9	17.5	17.5	18.1
87.5°	5.2	5.8	6.4	6.4	7.0	7.6	8.2	8.7	9.3	9.3	9.9
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1310.9	1315.0	1310.9	1313.2	1316.1	1310.9	1298.6	1294.0	1292.2	1285.2	1280.6
5°	1383.8	1383.8	1382.0	1386.7	1386.1	1378.0	1365.1	1359.3	1353.5	1345.9	1340.0
7.5°	1331.9	1336.6	1339.5	1357.5	1369.2	1370.4	1378.5	1380.3	1382.6	1380.3	1376.8
10°	1257.2	1255.5	1263.7	1280.6	1290.5	1295.7	1311.5	1319.1	1325.5	1338.3	1351.7
12.5°	1215.3	1217.6	1221.1	1233.3	1242.7	1240.3	1246.7	1252.0	1259.6	1272.4	1291.6
15°	1187.3	1189.6	1193.1	1202.4	1208.3	1205.3	1208.8	1212.3	1217.6	1224.0	1235.7
17.5°	1156.9	1161.0	1165.1	1175.0	1180.3	1179.7	1182.6	1183.8	1185.5	1189.6	1197.8
20°	1109.7	1122.5	1130.7	1144.1	1151.7	1150.5	1155.8	1157.5	1159.9	1163.9	1167.4
22.5°	1066.6	1070.1	1074.1	1088.7	1101.5	1117.3	1120.8	1125.5	1131.3	1135.4	1138.9
25°	1042.1	1039.7	1041.5	1051.4	1058.4	1059.6	1064.8	1080.0	1095.7	1102.7	1110.9
27.5°	1027.5	1025.2	1024.6	1029.2	1030.4	1027.5	1026.3	1031.0	1042.6	1054.3	1078.8
30°	1011.7	1008.8	1006.5	1010.6	1012.3	1008.2	1000.7	996.6	1003.6	1006.5	1016.4
32.5°	993.1	990.2	989.0	991.3	992.5	989.0	980.8	976.2	975.0	972.7	975.0
35°	972.1	969.2	967.4	968.0	970.3	967.4	960.4	954.6	951.7	945.3	940.6
37.5°	500.9	709.7	921.4	943.5	945.8	945.3	938.3	931.9	928.9	921.4	919.0
40°	229.2	256.0	384.3	502.1	724.3	920.2	913.8	907.4	902.1	899.8	891.0
42.5°	228.6	229.2	229.8	226.8	281.1	478.8	706.8	882.3	878.8	873.0	866.5
45°	228.6	225.7	228.0	224.5	225.7	225.1	280.5	452.5	805.3	841.5	838.6
47.5°	226.3	224.5	226.8	223.9	220.4	222.2	219.8	222.8	347.5	589.6	807.6
50°	215.8	216.9	221.0	220.4	217.5	219.8	215.8	219.3	216.3	237.3	457.2
52.5°	200.0	202.3	206.4	209.9	211.1	214.0	212.8	214.0	211.7	212.3	212.8
55°	181.4	184.3	187.8	193.0	195.4	200.0	203.5	205.3	208.2	207.6	202.9
57.5°	163.9	166.8	169.7	174.9	180.2	182.5	188.9	192.4	200.0	198.3	197.1
60°	147.5	149.9	152.8	153.9	160.4	164.4	170.3	173.8	183.7	186.0	189.5
62.5°	133.0	134.1	136.5	138.2	142.3	146.4	149.3	155.1	160.4	167.9	173.2
65°	119.5	120.7	122.5	123.6	124.2	130.0	131.8	138.2	140.0	148.1	152.8
67.5°	104.4	106.7	109.0	110.2	111.4	114.9	116.0	119.0	123.0	126.5	132.4
70°	88.6	90.4	92.7	94.5	96.8	99.1	102.6	104.4	107.3	109.6	114.3
72.5°	74.1	75.8	77.0	78.7	80.5	82.2	85.1	89.2	91.6	95.6	96.8
75°	60.1	61.8	63.0	64.1	65.9	67.1	68.2	72.3	74.6	78.1	81.6
77.5°	49.6	49.6	50.7	54.2	53.6	53.6	54.8	57.1	58.9	61.2	64.7
80°	38.5	39.1	39.7	42.6	43.2	43.7	43.2	44.9	46.7	47.2	49.6
82.5°	28.6	29.2	29.2	30.9	32.7	32.7	32.7	33.2	35.0	35.6	36.7
85°	19.2	19.8	20.4	21.0	22.2	22.7	23.3	23.3	24.5	25.1	25.7
87.5°	10.5	11.7	12.2	12.8	13.4	14.0	14.6	15.2	15.7	16.3	16.9
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4	1272.4
2.5°	1278.8	1275.9	1274.2	1269.5	1268.3	1260.7	1261.9	1260.7	1260.7	1262.5	1268.3
5°	1333.6	1319.6	1316.1	1306.2	1298.1	1284.1	1275.3	1270.7	1263.7	1260.7	1264.8
7.5°	1371.0	1360.5	1351.7	1343.0	1331.3	1315.0	1302.7	1288.7	1277.1	1266.0	1263.1
10°	1364.5	1376.2	1376.2	1371.0	1359.9	1343.5	1329.0	1311.5	1291.1	1273.6	1263.1
12.5°	1310.3	1330.7	1347.0	1359.3	1370.4	1359.3	1344.7	1330.7	1308.0	1282.3	1263.1
15°	1250.8	1271.8	1292.2	1317.9	1344.7	1355.8	1355.2	1338.9	1318.5	1291.6	1264.8
17.5°	1208.8	1223.4	1234.5	1262.5	1295.1	1323.7	1343.0	1344.1	1324.3	1300.4	1265.4
20°	1177.4	1187.9	1197.2	1212.9	1241.5	1276.5	1312.1	1331.9	1328.4	1302.1	1267.2
22.5°	1148.8	1156.4	1163.9	1175.6	1198.3	1221.1	1262.5	1303.3	1320.8	1299.2	1265.4
25°	1120.2	1128.4	1134.2	1142.4	1160.4	1179.1	1208.3	1259.0	1298.1	1296.9	1261.9
27.5°	1086.4	1097.5	1104.5	1115.5	1127.8	1141.8	1161.6	1209.4	1265.4	1285.2	1252.6
30°	1045.6	1061.9	1072.4	1084.6	1095.1	1107.4	1123.1	1152.3	1221.7	1262.5	1242.7
32.5°	986.7	1015.8	1039.2	1050.8	1062.5	1073.0	1087.0	1111.5	1168.0	1231.6	1231.6
35°	944.7	958.1	979.1	1012.9	1027.5	1038.0	1050.8	1070.1	1106.2	1194.8	1213.5
37.5°	912.0	917.3	927.8	961.0	988.4	1005.3	1018.2	1030.4	1066.0	1144.7	1190.2
40°	887.5	885.8	884.6	900.4	939.4	966.3	980.8	993.1	1020.5	1084.6	1159.3
42.5°	859.0	857.2	851.4	855.5	874.7	919.6	941.8	955.2	977.9	1021.7	1125.5
45°	829.2	826.3	824.0	819.9	826.9	852.0	897.4	917.3	930.1	969.2	1082.9
47.5°	798.9	794.8	791.9	788.4	784.3	796.0	839.1	874.7	896.9	921.4	1031.6
50°	755.7	761.0	757.5	753.4	749.9	747.6	765.7	824.0	851.4	871.2	969.2
52.5°	356.3	692.8	721.9	717.8	713.2	709.1	713.2	757.5	807.1	822.8	893.9
55°	202.9	308.5	642.0	678.8	674.7	668.9	665.4	680.5	754.6	775.6	825.1
57.5°	195.4	195.9	283.4	611.7	634.5	629.2	625.1	628.6	691.6	727.2	765.1
60°	188.9	188.9	188.9	270.6	584.9	586.6	581.4	575.6	603.0	672.9	704.4
62.5°	174.9	178.4	180.2	180.2	267.1	541.7	536.5	534.7	535.9	607.6	643.8
65°	156.9	165.0	168.5	170.9	170.9	280.5	490.4	487.5	483.4	510.8	582.6
67.5°	137.0	145.2	152.8	157.4	158.0	163.3	292.7	439.1	433.3	433.9	517.2
70°	116.6	123.6	131.8	138.8	145.2	148.1	152.8	364.5	383.7	375.5	443.2
72.5°	100.9	103.8	109.6	116.6	124.2	131.2	135.3	145.2	333.0	324.2	337.1
75°	84.0	86.3	90.4	95.1	100.9	109.0	116.0	123.0	176.7	271.7	270.0
77.5°	65.3	69.4	74.1	77.0	79.9	85.7	95.1	102.0	109.0	183.7	216.3
80°	50.1	53.1	55.4	58.3	61.8	65.9	69.4	77.6	85.7	92.1	165.6
82.5°	37.3	39.1	40.8	42.0	43.2	45.5	51.9	54.8	60.1	65.9	78.1
85°	26.2	27.4	28.6	29.2	29.7	30.3	32.7	33.2	38.5	39.7	47.2
87.5°	16.9	17.5	18.7	19.2	19.2	19.8	20.4	20.4	20.4	19.2	23.3
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: P#

CATALOG NUMBER: 2SNLED-LD5-30HL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1272.4	1272.4
2.5°	1273.0	1282.3
5°	1271.2	1283.5
7.5°	1266.6	1278.2
10°	1259.6	1273.6
12.5°	1252.0	1265.4
15°	1245.6	1255.5
17.5°	1238.6	1244.4
20°	1229.3	1233.9
22.5°	1219.9	1217.6
25°	1209.4	1204.2
27.5°	1196.0	1186.1
30°	1183.8	1166.3
32.5°	1172.1	1143.5
35°	1156.4	1120.2
37.5°	1140.0	1096.3
40°	1120.8	1068.9
42.5°	1100.4	1041.5
45°	1074.7	1015.2
47.5°	1052.0	983.8
50°	1020.5	949.9
52.5°	982.0	918.4
55°	936.5	880.0
57.5°	887.5	839.7
60°	835.1	793.6
62.5°	771.5	745.8
65°	696.8	691.0
67.5°	599.5	630.4
70°	491.6	561.0
72.5°	411.1	487.5
75°	337.1	405.3
77.5°	267.1	317.8
80°	166.8	232.7
82.5°	112.0	152.8
85°	67.6	72.9
87.5°	26.2	26.8
90°	0.0	0.0

(END OF REPORT)