

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1213334

Luminaire Tested: 2SNLED-LD5-25SL-RW-UNV-L935-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1213334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)
Test Lab: INNOVATIONS CENTER-P3
Issue Date: 3/29/2018
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2SNLED-LD5-25SL-RW-UNV-L935-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

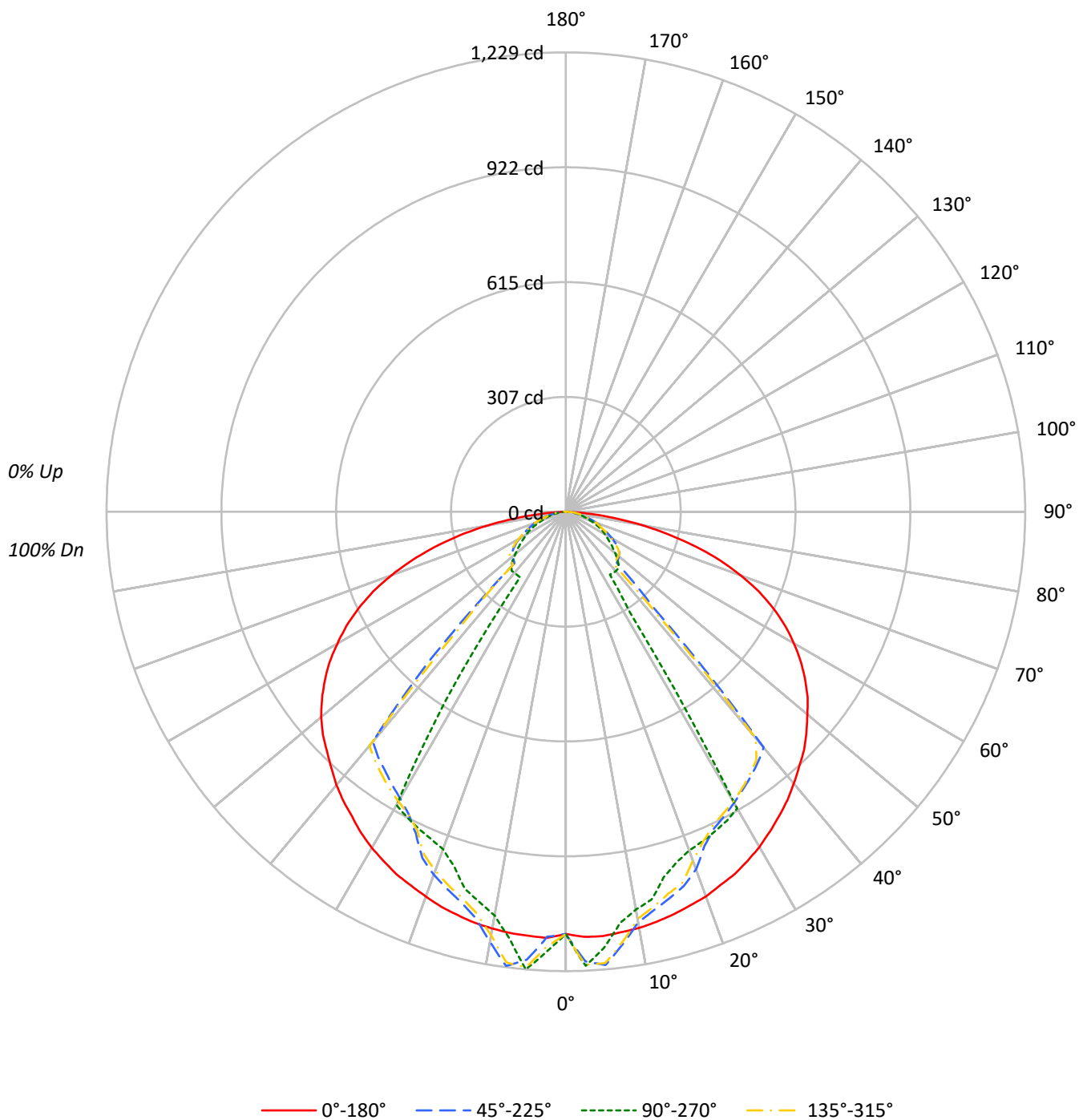
Lumens per Lamp: N/A
Luminaire Lumens: 2262.0 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

Input Watts (W): 21
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: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	110	106	102	99	108	104	101	98	100	97	94	96	94	92	92	91	89
2	102	94	88	83	99	93	87	82	89	85	81	86	82	79	83	80	77
3	94	84	77	72	91	83	76	71	80	74	70	77	73	69	75	71	67
4	87	76	68	62	85	75	67	62	72	66	61	70	65	60	68	63	59
5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53
6	75	63	55	49	73	62	54	49	60	53	48	59	53	48	57	52	47
7	70	58	50	44	68	57	49	44	55	48	43	54	48	43	53	47	43
8	66	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39
9	62	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	18257	18257	18257	18257
5°	18385	18394	18377	19305
10°	18352	16630	18378	16886
15°	18342	15387	18385	15875
20°	18421	14593	18421	14539
25°	18523	14314	18551	14181
30°	18650	14062	18697	13895
35°	18799	3203	18837	3340
40°	19022	3331	19137	3438
45°	19389	3312	19456	3433
50°	19734	2995	20001	3075
55°	20209	2660	20369	2697
60°	20551	2362	20595	2394
65°	20689	2062	20635	2030
70°	20084	1661	20024	1603
75°	18218	1280	18350	1225
80°	14197	907	14760	833
85°	6998	543	7388	417

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2.5°

Vertical Angle: 57.5°

Luminance: 21147 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	4.9
10°-20°	305.6	13.5
20°-30°	452.6	20.0
30°-40°	456.0	20.2
40°-50°	356.2	15.7
50°-60°	275.2	12.2
60°-70°	184.7	8.2
70°-80°	94.2	4.2
80°-90°	26.2	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°	869.3	38.4
0°-40°	1325.4	58.6
0°-60°	1956.8	86.5
0°-90°	2262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2262.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1130	1130	1130	1130	1130	
5°	1139	1171	1139	1229	1139	108
15°	1115	1012	1117	1044	1115	315
25°	1069	943	1071	934	1069	493
35°	994	205	996	214	994	623
45°	901	199	904	207	901	695
55°	781	145	787	147	781	698
65°	614	97	612	96	614	603
75°	360	49	362	47	360	376
85°	65	16	68	12	65	89
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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1138.4	1142.5	1145.6	1147.7	1148.7	1148.7	1149.3	1149.8	1156.5	1159.6	1161.7
5°	1139.4	1143.6	1149.8	1158.1	1165.3	1171.5	1176.7	1183.9	1191.2	1199.0	1201.5
7.5°	1134.8	1139.9	1152.4	1167.4	1181.4	1191.2	1197.9	1202.6	1206.2	1206.7	1209.3
10°	1130.6	1139.9	1157.0	1176.7	1194.3	1206.2	1206.2	1203.6	1207.2	1193.3	1179.3
12.5°	1123.4	1133.7	1157.0	1182.9	1199.5	1204.1	1202.1	1191.7	1170.5	1153.4	1145.6
15°	1114.6	1128.5	1157.5	1186.5	1200.5	1202.1	1182.4	1156.0	1139.9	1129.6	1116.6
17.5°	1104.7	1123.4	1158.1	1187.0	1192.2	1185.0	1147.7	1131.1	1114.6	1090.2	1072.6
20°	1095.4	1113.5	1153.9	1179.8	1182.9	1150.3	1121.3	1103.7	1075.7	1054.5	1046.8
22.5°	1080.9	1102.1	1150.3	1170.0	1158.1	1120.3	1092.3	1064.4	1039.0	1032.8	1023.5
25°	1069.0	1091.3	1142.0	1158.1	1126.5	1092.8	1060.2	1027.6	1015.7	1006.9	998.6
27.5°	1053.0	1080.4	1131.1	1136.3	1092.8	1063.3	1015.7	1001.2	990.3	980.5	976.9
30°	1035.4	1069.0	1116.1	1106.3	1064.9	1021.4	986.2	972.7	965.0	954.6	950.5
32.5°	1015.2	1051.9	1099.6	1071.6	1034.8	980.5	957.7	947.4	937.0	929.2	903.4
35°	994.5	1036.9	1079.9	1038.5	998.6	949.4	929.2	919.9	910.1	881.6	854.7
37.5°	973.2	1020.4	1056.1	1002.8	950.5	917.3	900.3	889.9	867.6	831.4	817.9
40°	948.9	1000.2	1025.5	966.0	908.5	884.7	868.7	858.3	808.1	792.1	787.9
42.5°	924.6	980.5	988.3	930.3	873.8	850.0	836.6	802.4	768.2	760.0	761.5
45°	901.3	959.3	947.4	879.5	837.6	817.9	795.2	748.1	729.9	734.1	735.1
47.5°	873.3	933.9	904.4	828.8	800.3	780.7	729.9	701.5	698.9	704.6	707.7
50°	843.3	905.4	858.8	782.7	760.0	736.7	679.2	664.7	667.8	673.5	677.1
52.5°	815.4	873.3	811.7	739.8	720.1	666.8	627.9	630.5	635.7	642.4	644.5
55°	781.2	834.5	761.5	696.3	677.6	607.8	590.2	596.4	601.5	607.2	611.4
57.5°	745.5	790.0	702.0	647.6	617.6	555.5	557.0	561.2	564.8	571.5	236.1
60°	704.6	739.3	636.8	602.6	543.0	514.1	515.6	522.9	526.5	294.0	162.6
62.5°	662.1	680.2	577.7	551.3	474.7	472.6	479.9	483.0	328.7	155.3	152.2
65°	613.5	609.8	519.8	477.8	428.1	430.2	438.0	422.4	145.5	145.5	144.4
67.5°	559.6	537.9	463.3	395.5	383.1	387.7	396.0	138.2	134.6	135.6	132.0
70°	498.0	467.5	404.8	334.9	339.1	343.7	133.6	125.3	123.7	121.1	113.9
72.5°	432.8	390.9	331.3	290.9	293.5	184.3	117.0	112.9	107.7	102.5	94.7
75°	359.8	305.4	243.3	243.3	246.9	105.1	102.0	95.3	89.6	82.8	78.2
77.5°	282.1	235.0	189.0	196.2	95.8	88.0	82.3	75.1	70.4	66.3	63.7
80°	206.6	164.1	142.4	127.4	74.5	66.8	61.1	56.9	54.9	52.3	49.2
82.5°	135.6	98.9	98.9	60.1	52.3	46.1	44.5	41.4	39.3	37.8	36.2
85°	64.7	57.5	43.5	36.8	32.6	29.5	28.5	26.9	26.9	26.4	25.9
87.5°	23.8	25.9	19.2	18.6	17.6	17.1	17.6	17.6	18.1	17.6	17.1
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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1166.9	1171.0	1174.1	1179.3	1186.0	1191.7	1196.9	1204.1	1215.5	1218.6	1221.2
5°	1201.5	1203.1	1206.7	1210.9	1211.9	1214.5	1214.0	1217.1	1218.6	1222.2	1214.5
7.5°	1203.6	1195.3	1185.5	1176.7	1170.5	1164.8	1161.2	1166.9	1170.0	1172.6	1164.8
10°	1160.1	1150.3	1144.6	1139.4	1133.2	1124.4	1112.5	1115.1	1114.1	1114.1	1111.5
12.5°	1132.7	1118.7	1104.2	1091.3	1085.6	1085.1	1085.6	1091.3	1091.3	1090.8	1087.7
15°	1089.7	1076.3	1069.0	1065.9	1065.9	1064.4	1064.4	1070.6	1069.0	1069.0	1067.5
17.5°	1061.3	1051.9	1046.8	1043.1	1041.6	1044.2	1047.3	1049.9	1050.4	1048.3	1040.0
20°	1038.0	1029.2	1022.9	1024.0	1023.5	1025.0	1026.6	1017.8	1006.9	992.4	985.7
22.5°	1013.6	1006.9	1002.2	1002.2	996.0	986.2	971.7	968.6	967.0	960.3	954.6
25°	990.3	982.6	975.8	955.1	942.2	943.7	941.1	936.0	935.5	934.9	937.0
27.5°	967.0	946.8	921.0	917.9	912.7	912.2	915.3	917.9	917.9	919.9	922.5
30°	918.9	895.6	890.9	885.2	887.3	894.6	896.1	899.7	900.8	904.4	906.5
32.5°	874.9	864.5	860.4	863.0	869.7	875.9	879.5	881.1	883.7	886.8	889.4
35°	839.2	836.1	839.7	845.4	852.1	857.3	860.4	863.5	866.1	868.7	870.7
37.5°	812.8	814.8	820.0	827.3	834.0	838.1	840.7	844.3	848.0	851.1	838.6
40°	787.9	793.1	798.8	806.6	812.2	816.4	819.0	823.6	792.6	358.8	196.7
42.5°	766.2	771.9	776.0	782.2	788.4	791.5	768.8	343.2	194.1	193.1	195.7
45°	739.8	744.4	751.2	755.8	761.5	500.1	191.0	193.1	190.0	192.1	193.1
47.5°	712.8	720.1	723.7	690.6	205.5	190.0	187.9	190.0	187.9	190.5	189.0
50°	682.3	691.1	491.8	185.8	184.3	183.3	185.3	184.3	185.8	187.9	183.8
52.5°	651.2	403.3	180.2	179.1	180.2	179.1	182.7	180.2	180.7	178.6	173.4
55°	220.5	174.5	172.9	172.4	175.5	175.5	175.5	171.4	168.8	163.6	160.0
57.5°	168.8	168.8	168.2	168.8	167.7	166.7	162.0	158.4	154.8	147.5	145.5
60°	160.0	160.0	160.0	160.0	155.3	153.2	146.0	142.9	136.7	133.0	131.0
62.5°	152.7	151.7	147.0	145.5	140.3	134.6	130.5	127.4	121.1	119.1	117.5
65°	142.4	138.7	133.0	126.8	124.2	118.0	116.0	111.3	108.2	106.6	105.6
67.5°	125.3	120.1	115.4	111.3	106.6	104.6	102.0	98.4	96.3	95.3	94.2
70°	107.2	103.5	98.9	96.3	93.2	91.6	88.0	87.0	85.4	83.9	82.3
72.5°	89.6	87.5	85.4	81.8	80.8	79.7	76.1	74.0	72.0	69.9	68.9
75°	75.1	73.5	72.5	69.4	67.8	64.7	62.1	60.6	59.0	57.5	56.4
77.5°	61.6	60.6	57.5	55.4	54.4	51.8	50.7	51.3	50.2	48.1	47.1
80°	48.1	47.1	44.5	44.5	43.5	42.5	41.4	40.4	39.3	37.8	36.8
82.5°	36.8	35.7	34.7	33.6	32.6	32.1	31.6	30.5	29.5	28.5	28.0
85°	25.9	25.4	24.8	24.3	23.8	23.3	22.8	21.7	20.7	20.2	19.7
87.5°	17.6	17.1	16.6	16.0	15.5	15.0	14.5	14.0	12.9	12.4	11.9
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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1221.2	1223.8	1221.2	1215.5	1211.9	1210.3	1213.4	1213.4	1215.5	1218.1	1218.6
5°	1202.1	1195.8	1188.6	1181.4	1177.7	1175.7	1170.0	1171.0	1172.6	1173.6	1174.6
7.5°	1154.4	1146.2	1136.3	1127.0	1123.4	1120.3	1113.5	1113.5	1113.5	1114.1	1117.2
10°	1105.8	1102.1	1098.0	1091.8	1087.1	1085.6	1079.9	1081.4	1080.4	1082.0	1085.6
12.5°	1083.0	1078.9	1075.2	1069.0	1063.8	1061.8	1059.2	1060.7	1060.2	1062.8	1065.9
15°	1062.3	1060.2	1056.1	1051.4	1046.8	1042.6	1033.3	1030.2	1028.1	1025.5	1029.2
17.5°	1028.1	1013.6	1003.8	996.5	991.4	987.7	985.2	985.2	986.7	988.3	991.4
20°	981.5	977.4	972.7	965.0	959.8	957.7	956.2	956.2	958.7	960.8	966.5
22.5°	949.4	948.9	947.4	943.7	941.1	941.1	941.7	942.7	946.3	949.4	955.1
25°	934.4	936.5	935.5	933.4	931.8	932.3	931.3	932.3	936.0	939.1	943.7
27.5°	922.5	925.6	924.6	921.5	918.9	919.9	921.5	920.4	923.5	927.2	930.8
30°	906.5	907.0	909.1	905.4	904.4	905.9	906.5	907.5	910.6	913.2	916.3
32.5°	888.3	892.5	892.0	888.3	888.3	889.9	890.4	855.7	791.0	681.3	651.2
35°	870.7	875.4	867.6	731.5	506.3	270.2	208.6	201.4	202.9	204.0	205.0
37.5°	644.0	305.4	194.6	196.2	197.8	199.3	200.9	202.4	204.0	205.5	206.0
40°	193.6	193.1	194.6	196.7	198.3	199.3	201.4	202.9	204.5	206.0	206.6
42.5°	191.5	192.6	194.1	196.2	198.3	200.3	201.9	204.0	205.0	206.0	206.6
45°	190.5	192.6	194.6	196.2	197.8	198.8	199.8	200.3	199.8	199.8	200.9
47.5°	189.0	191.0	191.5	191.0	191.5	191.0	191.0	191.0	189.5	189.0	189.0
50°	183.3	183.3	182.2	180.2	179.6	179.1	178.1	177.6	175.5	175.0	175.0
52.5°	171.4	170.8	169.3	166.7	165.7	164.6	164.1	163.6	161.5	160.5	161.0
55°	157.4	156.3	154.8	151.7	151.2	150.1	149.6	149.1	147.0	148.1	146.5
57.5°	144.4	142.4	140.3	139.8	137.7	137.2	136.7	136.2	134.6	135.1	134.1
60°	128.9	128.4	127.4	125.3	125.3	124.8	124.8	123.7	122.7	122.2	122.2
62.5°	117.5	116.0	114.9	114.9	113.4	113.4	113.4	112.3	111.3	111.8	111.3
65°	105.1	104.6	104.1	103.0	103.0	102.5	102.5	101.5	99.9	100.4	99.4
67.5°	94.7	93.7	92.7	92.1	90.1	89.0	88.5	88.0	85.9	86.5	85.4
70°	81.8	80.2	79.2	78.2	76.6	75.6	75.6	74.5	73.0	73.5	72.5
72.5°	68.3	67.3	66.3	65.7	64.2	63.7	63.2	62.6	61.1	61.6	61.1
75°	56.9	56.9	56.4	55.9	54.4	52.8	51.8	51.3	50.2	50.7	49.7
77.5°	47.1	46.1	45.0	45.0	43.5	42.5	41.4	41.4	41.4	40.9	40.4
80°	36.8	35.7	35.7	35.2	34.2	33.1	32.6	32.6	32.1	32.1	31.6
82.5°	28.0	26.9	26.4	26.4	25.4	24.8	24.3	23.8	23.8	23.8	23.3
85°	19.7	18.6	18.1	18.1	17.1	16.6	16.6	16.0	16.0	15.5	15.5
87.5°	11.9	11.4	10.9	10.9	9.8	9.3	9.3	9.3	8.8	8.8	8.3
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1218.6	1218.6	1215.0	1216.0	1214.5	1216.6	1214.0	1214.0	1217.1	1217.1	1219.1
5°	1175.1	1172.6	1172.0	1171.0	1165.8	1167.9	1165.3	1162.7	1166.3	1166.3	1171.0
7.5°	1115.6	1110.9	1113.0	1109.9	1106.8	1102.1	1103.7	1101.6	1104.2	1107.8	1112.5
10°	1085.1	1080.9	1083.5	1080.4	1082.0	1075.2	1075.7	1076.3	1078.9	1079.9	1084.0
12.5°	1065.4	1064.4	1063.3	1062.3	1063.3	1059.7	1057.6	1058.1	1059.2	1059.7	1062.8
15°	1024.0	1017.2	1019.3	1012.1	1012.6	1013.1	1009.0	1013.1	1012.6	1019.3	1025.5
17.5°	990.3	990.3	986.7	983.6	981.5	981.0	977.9	980.0	977.9	982.0	983.6
20°	967.0	966.5	966.0	964.4	959.3	959.8	961.3	956.7	956.2	955.6	958.7
22.5°	956.2	956.7	954.6	954.6	949.9	951.0	951.5	946.3	946.8	945.3	946.8
25°	944.8	945.8	943.2	943.2	942.2	941.7	939.1	940.1	937.0	934.4	937.0
27.5°	931.3	933.4	931.3	932.3	930.3	929.2	927.7	926.7	923.5	923.0	924.6
30°	918.9	919.9	919.4	916.8	916.3	913.2	914.7	911.6	908.5	909.1	910.1
32.5°	471.1	449.9	346.8	313.2	310.1	321.5	381.0	463.8	601.0	734.1	829.8
35°	205.5	205.5	205.5	205.0	205.0	204.5	204.0	203.4	202.9	202.4	201.9
37.5°	206.6	206.6	206.6	206.6	206.0	205.5	205.5	204.5	204.0	203.4	202.9
40°	207.1	207.6	207.6	207.6	207.1	207.1	206.6	205.5	205.0	204.0	202.9
42.5°	206.6	207.1	207.1	206.6	206.6	206.0	206.0	205.5	205.0	204.5	204.0
45°	199.8	200.3	199.3	199.3	198.8	198.8	198.8	198.8	198.8	199.3	199.3
47.5°	187.9	187.9	187.4	186.9	186.9	186.4	186.9	186.4	187.4	187.9	189.0
50°	173.9	173.9	172.9	172.4	172.4	172.4	172.4	172.9	173.4	174.5	175.5
52.5°	159.4	159.4	158.9	158.4	157.9	157.9	159.4	158.9	159.4	160.0	161.5
55°	145.5	146.0	145.0	145.0	144.4	144.4	144.4	145.0	145.5	146.0	147.5
57.5°	133.6	133.6	132.5	132.5	132.5	132.0	133.6	132.5	133.0	133.6	134.6
60°	121.7	121.1	121.1	120.6	120.6	120.6	121.7	121.1	121.1	121.7	122.7
62.5°	110.8	110.8	110.3	110.3	109.7	109.7	110.8	110.3	110.3	110.8	111.3
65°	98.4	98.4	97.8	97.3	98.9	97.3	98.9	97.8	98.9	99.4	100.4
67.5°	84.4	84.4	84.4	83.9	83.9	84.9	85.4	84.4	84.9	85.9	86.5
70°	72.0	72.0	71.4	71.4	71.4	72.5	73.0	72.0	72.5	73.0	74.0
72.5°	61.1	60.1	60.1	59.5	60.6	60.6	61.1	60.6	61.1	61.1	62.1
75°	50.2	49.2	49.2	49.2	50.2	49.7	50.2	49.7	50.2	50.2	50.7
77.5°	40.4	39.9	39.3	39.3	40.4	40.4	40.4	39.9	40.4	40.9	41.4
80°	31.6	31.1	30.5	30.5	31.6	31.6	31.6	32.1	31.6	32.1	32.6
82.5°	23.3	22.8	22.3	23.3	23.3	23.3	23.3	23.8	23.3	23.8	24.3
85°	15.5	15.0	14.5	15.5	15.5	15.5	15.5	16.0	15.5	16.0	16.6
87.5°	8.3	7.8	7.8	8.3	8.3	8.3	8.8	8.8	8.8	9.3	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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1222.2	1223.8	1223.3	1220.2	1217.1	1213.4	1210.9	1211.4	1216.6	1218.1	1213.4
5°	1171.0	1180.8	1180.8	1187.6	1183.9	1180.8	1182.9	1194.3	1200.0	1208.8	1211.9
7.5°	1118.2	1122.9	1122.3	1129.1	1128.0	1128.0	1129.6	1144.6	1151.8	1159.1	1161.2
10°	1088.7	1093.3	1092.8	1093.3	1091.8	1088.2	1088.2	1094.9	1101.1	1104.7	1105.8
12.5°	1067.5	1070.1	1069.5	1069.5	1068.5	1065.4	1064.9	1070.6	1077.3	1082.0	1082.5
15°	1035.9	1043.1	1044.7	1051.4	1049.9	1045.7	1046.8	1051.4	1055.6	1059.7	1058.1
17.5°	988.8	992.4	992.9	995.5	994.5	994.5	1000.7	1017.8	1029.2	1039.0	1040.0
20°	961.9	964.4	963.4	969.1	966.5	966.0	967.5	974.8	980.0	984.6	992.9
22.5°	948.9	951.0	949.4	949.9	945.3	941.1	940.1	945.8	951.5	957.7	957.7
25°	938.0	939.6	939.1	938.0	934.4	928.7	927.7	928.7	930.8	931.3	927.7
27.5°	925.1	926.1	926.1	926.7	922.0	916.8	915.8	914.7	916.8	916.3	910.6
30°	911.6	910.1	910.6	911.1	907.0	902.3	900.3	899.7	901.8	901.3	895.6
32.5°	879.5	891.5	892.5	893.5	889.9	885.8	883.7	882.1	883.2	882.6	877.5
35°	201.4	205.0	251.1	568.4	771.9	854.7	863.5	861.4	861.9	861.9	857.8
37.5°	201.9	201.4	200.9	199.3	197.8	196.7	340.1	725.3	840.2	840.7	837.1
40°	201.9	201.4	200.9	199.8	197.8	196.2	193.6	191.5	196.2	431.7	790.0
42.5°	202.9	201.9	200.9	199.8	197.8	195.7	193.6	191.0	192.6	191.5	189.0
45°	199.8	199.3	199.3	198.8	197.8	195.7	193.1	190.0	188.4	190.0	187.4
47.5°	190.0	190.5	192.1	192.6	192.6	193.1	191.5	189.5	186.9	188.4	185.3
50°	176.5	177.6	178.1	180.7	181.7	183.8	184.3	184.3	183.8	185.8	183.8
52.5°	162.0	163.1	165.7	166.7	167.7	170.8	171.9	173.4	174.5	177.6	179.6
55°	148.1	148.6	149.6	151.7	153.2	155.8	157.4	158.9	161.5	163.1	169.3
57.5°	135.1	135.6	137.7	138.2	139.3	141.3	142.9	145.0	147.0	148.1	155.3
60°	122.7	123.2	124.8	125.3	125.8	127.9	129.4	131.0	132.5	133.6	138.7
62.5°	111.8	111.8	113.4	113.4	113.9	115.4	116.5	117.5	119.1	119.6	122.2
65°	100.9	101.5	102.5	102.5	103.0	104.1	104.6	105.1	106.6	106.6	108.7
67.5°	87.5	88.0	89.6	90.6	91.1	93.2	93.7	94.2	95.3	95.8	96.8
70°	74.5	75.1	76.6	77.1	77.7	79.2	80.2	81.8	83.3	84.9	85.9
72.5°	62.6	63.2	64.7	64.7	66.3	66.8	67.8	68.3	69.9	70.9	72.5
75°	51.3	51.8	53.3	53.3	54.9	55.4	55.9	56.4	57.5	58.5	59.5
77.5°	41.9	41.9	44.0	45.0	46.1	46.1	46.6	46.6	46.6	47.1	48.1
80°	33.1	33.1	34.7	35.7	36.8	36.8	37.3	37.8	38.3	38.3	38.8
82.5°	24.8	24.8	26.4	26.9	28.0	28.0	28.0	28.5	29.0	28.5	29.5
85°	17.1	17.1	18.1	18.6	19.7	19.7	19.7	20.2	20.7	20.2	20.7
87.5°	9.8	10.4	10.9	11.4	11.9	12.4	12.4	12.4	12.9	12.9	13.5
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1208.3	1202.1	1201.5	1194.3	1192.2	1192.7	1187.0	1185.0	1175.7	1173.6	1163.8
5°	1212.9	1216.0	1214.5	1214.0	1215.5	1214.5	1210.3	1208.3	1206.7	1202.6	1194.3
7.5°	1161.7	1163.8	1165.3	1172.0	1177.7	1187.6	1197.9	1204.6	1209.8	1210.9	1204.1
10°	1109.4	1119.2	1126.0	1136.3	1144.6	1150.3	1156.5	1162.2	1177.2	1192.2	1201.0
12.5°	1082.5	1085.1	1084.5	1090.2	1095.9	1110.9	1125.4	1133.7	1145.1	1151.8	1167.9
15°	1059.7	1060.2	1061.8	1065.9	1069.0	1074.2	1080.9	1093.3	1116.1	1126.5	1135.3
17.5°	1039.0	1039.0	1040.0	1043.6	1047.8	1052.4	1056.6	1061.8	1073.2	1090.2	1112.0
20°	1005.9	1020.4	1021.9	1021.4	1023.5	1032.3	1033.3	1042.6	1048.3	1055.0	1076.3
22.5°	956.7	965.5	977.9	997.1	1004.3	1008.4	1011.6	1015.7	1024.5	1032.3	1041.1
25°	929.8	935.5	939.1	944.8	959.8	984.1	988.8	993.4	999.1	1004.8	1015.7
27.5°	905.9	905.4	908.0	913.2	917.3	930.3	953.1	971.2	972.2	980.5	989.8
30°	888.9	885.8	882.1	881.1	886.8	893.5	900.3	928.7	948.4	952.5	962.4
32.5°	872.8	867.6	862.5	858.3	854.7	860.4	864.5	877.0	902.3	926.1	931.3
35°	853.1	848.0	841.8	837.1	831.4	830.9	830.4	842.3	850.6	879.0	903.9
37.5°	833.0	827.3	822.1	816.9	811.2	807.1	804.5	807.6	815.4	827.8	869.2
40°	811.7	805.0	799.8	795.7	787.9	784.8	779.6	777.6	778.1	788.9	810.7
42.5°	485.1	773.4	776.0	771.3	764.6	760.5	754.8	752.2	747.0	752.2	764.6
45°	186.9	189.0	565.8	747.5	739.3	734.1	728.9	726.3	720.6	716.5	727.9
47.5°	183.3	185.3	181.2	256.8	705.6	707.2	700.9	698.4	692.7	689.6	686.4
50°	180.7	182.2	179.1	180.2	176.5	646.6	672.5	669.4	663.2	659.5	653.3
52.5°	178.1	178.1	176.0	173.4	172.4	172.9	544.1	639.9	632.6	629.0	620.7
55°	169.8	170.8	172.9	168.8	167.7	167.2	165.7	518.2	599.0	594.8	587.6
57.5°	157.4	159.4	165.1	164.1	164.1	160.0	158.9	158.9	480.9	560.1	552.9
60°	142.9	145.0	151.2	153.2	154.8	153.8	152.7	152.2	150.1	506.8	516.1
62.5°	127.9	129.9	132.0	138.7	140.8	143.4	146.5	145.0	142.9	142.9	477.3
65°	111.8	114.9	116.0	122.2	124.8	129.4	132.0	135.6	134.6	134.1	136.7
67.5°	97.8	101.5	102.0	104.6	109.2	111.3	114.4	121.1	124.2	125.3	126.3
70°	85.9	88.0	89.6	90.6	93.7	94.2	99.9	104.6	109.2	114.4	116.0
72.5°	74.0	75.6	78.7	77.7	78.7	80.8	83.9	87.0	91.6	98.9	103.5
75°	60.6	61.6	63.7	64.7	66.8	68.3	70.4	73.0	77.1	80.8	87.0
77.5°	48.7	49.2	50.7	51.3	53.3	54.9	58.5	60.1	62.6	65.2	68.9
80°	39.3	39.3	39.9	39.9	41.4	43.0	45.6	47.1	50.2	52.3	52.3
82.5°	30.0	30.0	31.6	31.6	32.6	32.6	34.2	34.2	35.7	36.8	37.8
85°	21.2	21.7	22.8	22.3	23.3	22.8	23.8	24.8	25.4	24.8	24.3
87.5°	14.0	14.0	15.0	14.5	15.0	15.0	16.0	16.0	16.6	16.6	16.0
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1160.1	1152.4	1147.7	1142.0	1140.5	1138.9	1141.0	1141.0	1137.9	1135.3	1130.6
5°	1187.0	1178.8	1170.0	1160.6	1151.8	1142.5	1138.9	1138.4	1132.7	1129.6	1128.0
7.5°	1201.0	1196.9	1187.0	1174.1	1160.6	1144.1	1136.8	1132.7	1127.0	1126.0	1126.0
10°	1202.6	1197.9	1192.7	1183.4	1167.9	1146.2	1132.2	1123.9	1118.7	1122.3	1129.1
12.5°	1187.6	1196.4	1191.7	1185.5	1173.1	1146.7	1126.5	1114.1	1112.5	1121.8	1139.4
15°	1149.3	1175.1	1188.1	1181.9	1172.0	1145.6	1117.2	1102.7	1102.7	1121.8	1144.6
17.5°	1120.3	1140.5	1172.0	1177.2	1165.8	1143.6	1108.4	1091.3	1095.9	1123.9	1148.2
20°	1096.5	1108.9	1139.4	1168.4	1157.5	1138.9	1095.4	1077.8	1087.1	1120.8	1153.4
22.5°	1059.2	1084.0	1102.7	1145.6	1149.3	1130.1	1082.5	1061.3	1079.9	1120.8	1150.8
25°	1022.9	1053.0	1072.6	1114.6	1136.8	1119.2	1070.6	1043.6	1072.1	1119.2	1148.7
27.5°	997.6	1011.6	1047.3	1077.3	1118.2	1104.7	1054.5	1024.5	1062.3	1110.9	1136.8
30°	970.7	980.0	1015.2	1043.6	1093.3	1088.2	1038.0	1003.3	1049.9	1103.2	1105.8
32.5°	941.1	951.5	969.6	1011.0	1058.7	1072.6	1019.3	982.0	1036.4	1091.3	1069.5
35°	911.1	918.9	933.4	977.9	1018.3	1049.3	996.5	957.7	1027.1	1073.2	1034.8
37.5°	881.1	889.4	901.8	939.1	975.8	1027.6	976.9	933.4	1010.0	1041.1	998.6
40°	852.6	857.3	870.2	893.5	940.6	1005.3	954.6	908.0	992.4	1000.2	949.4
42.5°	800.3	823.6	835.5	854.2	900.8	974.8	928.7	881.1	972.7	959.3	900.3
45°	743.9	794.6	799.8	818.5	865.6	942.2	904.4	854.7	954.1	924.1	853.7
47.5°	697.8	734.6	764.6	780.1	823.6	903.9	881.6	832.4	926.1	879.5	808.1
50°	656.9	676.6	731.0	742.4	773.4	857.8	854.7	806.6	887.3	823.6	763.6
52.5°	617.1	631.1	680.2	704.6	729.9	808.1	822.6	781.2	844.9	767.7	718.5
55°	582.4	587.1	614.0	665.2	688.0	757.9	787.4	751.7	791.0	714.4	675.1
57.5°	546.7	542.5	562.2	627.9	644.5	706.6	750.1	721.7	747.5	660.0	630.0
60°	509.4	503.7	512.0	555.5	598.4	655.9	706.1	688.5	694.7	606.2	579.8
62.5°	470.6	464.9	462.3	489.7	553.4	603.6	661.6	651.8	630.0	557.0	517.7
65°	430.2	424.5	420.4	431.2	503.7	535.8	611.9	609.3	559.1	505.3	435.9
67.5°	131.0	386.2	377.4	376.9	424.5	474.2	558.1	553.9	487.7	449.9	375.3
70°	118.0	313.2	332.9	328.2	348.9	411.6	496.5	493.4	418.3	360.8	331.8
72.5°	108.2	110.8	294.0	288.9	293.5	350.0	432.3	424.0	354.6	284.7	286.8
75°	92.7	97.3	101.5	243.8	237.6	289.9	362.4	349.4	292.5	235.0	239.7
77.5°	75.6	81.3	84.4	177.6	192.1	206.6	289.4	272.3	201.4	187.9	89.6
80°	56.4	61.1	66.3	70.9	146.0	144.4	214.8	197.8	140.3	117.0	69.9
82.5°	41.4	43.0	46.1	51.3	58.0	96.8	138.2	121.7	97.3	53.3	48.1
85°	25.9	28.0	29.5	31.1	35.2	58.0	68.3	54.4	40.9	32.6	30.5
87.5°	16.6	16.6	16.0	16.6	17.1	20.7	23.3	22.3	17.6	16.6	16.6
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1125.4	1118.2	1118.2	1116.1	1117.7	1117.7	1117.2	1117.7	1121.3	1123.4	1127.0
5°	1124.9	1122.9	1127.5	1133.2	1139.9	1148.2	1150.3	1157.5	1164.3	1173.1	1182.4
7.5°	1131.7	1138.9	1147.7	1157.0	1170.5	1180.3	1189.1	1197.9	1204.1	1212.4	1217.6
10°	1141.5	1156.0	1171.0	1182.9	1197.4	1205.7	1211.4	1212.4	1203.6	1189.6	1178.2
12.5°	1155.5	1172.6	1186.5	1197.9	1204.6	1201.5	1185.0	1167.9	1158.1	1143.6	1123.4
15°	1167.4	1182.9	1197.4	1192.7	1174.6	1157.5	1144.6	1124.4	1104.7	1091.3	1082.5
17.5°	1172.6	1187.6	1182.4	1158.1	1141.0	1121.3	1094.9	1079.4	1066.4	1056.1	1050.9
20°	1175.7	1173.1	1145.1	1127.5	1094.4	1076.3	1059.2	1044.7	1034.8	1029.7	1028.6
22.5°	1167.4	1135.8	1112.0	1080.4	1056.1	1041.1	1027.6	1015.7	1009.0	1004.8	1002.2
25°	1139.9	1103.2	1068.0	1043.1	1022.4	1009.5	999.1	989.3	981.0	978.9	973.8
27.5°	1101.6	1071.6	1025.0	1005.9	987.7	981.5	970.1	960.3	953.1	946.8	930.3
30°	1070.1	1022.4	988.8	971.2	960.3	953.1	940.1	929.8	917.3	894.6	885.2
32.5°	1031.2	984.1	952.0	942.2	928.7	922.5	908.0	885.2	866.1	856.8	856.2
35°	981.0	942.2	918.9	910.1	899.2	888.9	858.8	838.1	828.8	829.8	837.6
37.5°	939.1	904.4	889.4	877.0	864.5	838.1	812.8	802.9	805.5	810.7	814.3
40°	896.6	870.2	853.1	843.3	815.4	789.5	776.0	779.6	784.3	787.9	792.6
42.5°	855.2	836.6	819.5	800.3	762.0	748.1	751.2	755.8	760.0	765.1	769.8
45°	815.9	799.3	779.6	736.1	717.0	720.6	725.3	728.9	735.1	738.7	743.4
47.5°	778.6	761.0	726.3	688.0	685.9	693.2	697.3	702.0	706.6	697.3	384.6
50°	736.7	718.5	665.7	651.2	655.9	662.6	667.8	672.5	599.0	238.1	183.3
52.5°	695.2	649.2	615.5	619.7	624.3	632.1	635.7	472.1	187.9	179.1	179.6
55°	649.2	590.2	580.3	585.5	589.6	597.4	396.0	173.4	172.4	171.9	176.0
57.5°	576.7	541.0	545.1	550.3	554.4	391.4	168.8	167.7	168.2	168.8	169.3
60°	512.0	504.2	508.9	513.5	363.4	163.1	160.0	160.5	162.6	161.0	156.9
62.5°	460.7	467.0	471.6	413.1	154.8	153.2	154.8	153.2	149.6	147.0	141.8
65°	421.4	427.6	431.2	145.5	145.0	147.0	145.5	140.3	134.6	127.4	125.8
67.5°	380.0	386.2	138.2	134.6	136.7	134.1	127.9	121.7	117.5	111.3	108.7
70°	337.0	144.4	125.3	124.8	121.1	117.0	110.3	104.1	98.9	96.3	93.7
72.5°	243.3	114.4	112.9	108.7	102.5	96.8	91.1	87.5	84.9	83.3	81.8
75°	101.5	99.4	94.7	87.5	81.3	78.7	74.5	72.0	70.9	67.8	66.8
77.5°	84.9	80.8	74.0	68.9	65.2	63.7	60.6	57.5	55.9	55.4	53.3
80°	65.2	59.5	56.4	53.8	52.8	49.2	45.6	44.0	43.0	42.5	40.9
82.5°	44.5	42.5	40.4	36.8	36.8	35.2	33.6	32.6	31.6	31.6	30.5
85°	29.0	27.4	26.9	25.4	25.4	24.3	23.8	23.3	22.8	22.3	21.7
87.5°	16.6	16.6	17.1	16.6	16.6	16.0	15.5	15.0	14.5	14.5	13.5
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1131.7	1136.8	1137.9	1155.5	1165.3	1164.8	1161.7	1171.0	1165.3	1162.2	1165.3
5°	1191.7	1197.9	1203.1	1222.2	1229.0	1232.1	1231.6	1236.7	1232.6	1229.0	1229.0
7.5°	1221.2	1223.3	1225.4	1220.7	1217.6	1212.4	1204.6	1193.3	1187.6	1181.4	1173.6
10°	1172.6	1165.8	1168.4	1159.1	1151.3	1145.6	1138.4	1129.1	1121.3	1115.6	1106.8
12.5°	1113.0	1112.5	1113.5	1115.1	1107.3	1102.7	1097.0	1090.2	1084.5	1078.3	1071.1
15°	1076.8	1077.3	1081.4	1079.9	1077.3	1074.7	1068.5	1066.4	1061.3	1054.5	1050.4
17.5°	1050.9	1053.5	1057.6	1055.6	1051.4	1048.8	1044.2	1039.5	1034.8	1029.7	1023.5
20°	1028.1	1030.7	1033.3	1030.7	1022.9	1019.3	1013.1	998.6	988.3	977.9	968.6
22.5°	1003.3	1004.8	1002.8	994.5	974.8	965.5	958.2	954.1	945.3	939.6	933.9
25°	972.2	963.4	949.9	940.6	932.9	928.7	925.6	925.1	924.1	923.0	920.4
27.5°	921.5	918.4	911.1	907.5	908.0	909.6	910.1	911.6	910.1	908.0	905.9
30°	883.7	885.2	885.8	886.8	889.4	890.9	891.5	893.5	892.5	890.9	889.9
32.5°	859.9	863.5	865.6	868.7	870.2	872.8	872.8	875.9	872.8	872.3	871.3
35°	840.2	843.3	844.3	849.0	850.6	853.1	853.1	855.7	853.1	826.7	652.8
37.5°	820.5	823.6	825.7	829.8	830.4	831.9	767.7	561.7	362.4	280.6	214.3
40°	797.2	800.9	802.9	804.5	565.3	358.8	246.9	200.9	200.9	202.4	204.0
42.5°	772.4	775.0	539.9	314.2	195.7	195.2	196.7	198.3	199.8	201.9	204.0
45°	607.2	306.5	194.6	190.0	191.5	193.6	195.7	197.8	200.3	202.4	203.4
47.5°	199.3	186.9	189.5	187.4	190.0	192.6	194.6	196.7	197.2	197.8	197.2
50°	184.3	184.3	185.8	185.8	187.9	189.0	189.0	189.0	186.9	186.4	184.8
52.5°	178.1	182.2	180.2	181.2	180.2	178.6	177.0	175.5	172.4	171.4	169.3
55°	175.0	176.5	171.4	169.8	167.7	163.6	161.5	159.4	156.9	155.8	153.2
57.5°	167.7	164.1	158.4	155.8	152.2	148.1	146.0	144.4	141.8	140.8	139.3
60°	154.3	147.0	143.4	140.3	136.2	132.5	131.0	129.9	127.9	127.4	125.8
62.5°	137.7	131.5	128.4	124.2	121.1	119.1	117.5	117.0	114.9	114.9	113.9
65°	119.6	116.5	113.9	109.7	108.2	106.1	105.6	105.1	104.1	103.5	102.5
67.5°	105.1	103.0	99.4	97.3	96.3	94.7	93.7	92.7	90.6	89.6	88.0
70°	92.1	90.6	87.0	85.4	83.3	80.8	79.2	78.2	76.6	75.6	74.0
72.5°	79.7	75.1	72.5	70.9	69.4	66.8	66.3	65.2	63.7	63.2	61.6
75°	64.2	60.6	59.0	58.0	56.4	54.9	54.9	54.9	53.3	52.8	52.3
77.5°	51.3	49.2	48.1	47.1	46.6	45.6	44.0	43.5	41.9	41.9	41.4
80°	39.3	38.3	37.3	36.8	36.2	35.2	34.2	33.6	32.1	32.1	31.6
82.5°	29.0	28.5	28.0	27.4	26.9	26.4	24.8	24.3	23.3	23.3	22.8
85°	20.7	20.2	19.2	18.6	18.6	18.1	16.6	16.0	15.0	15.0	15.0
87.5°	12.9	12.4	11.9	11.4	10.9	10.4	9.3	8.8	8.8	7.8	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1159.1	1167.9	1166.9	1173.1	1174.6	1177.7	1178.8	1179.3	1171.5	1177.7	1178.2
5°	1227.4	1229.0	1230.0	1232.6	1235.2	1235.7	1233.1	1230.0	1231.1	1229.0	1223.8
7.5°	1172.6	1164.8	1163.2	1161.2	1160.1	1159.1	1154.4	1158.6	1153.9	1151.8	1144.6
10°	1105.3	1098.0	1097.5	1097.5	1099.0	1098.5	1097.5	1095.4	1099.6	1097.0	1095.4
12.5°	1070.1	1067.5	1069.0	1068.0	1072.1	1073.2	1072.1	1072.1	1071.1	1069.0	1070.1
15°	1048.8	1046.8	1048.3	1046.8	1049.9	1050.4	1047.8	1049.3	1046.8	1044.2	1043.1
17.5°	1020.9	1016.2	1012.6	1007.4	1007.9	1006.9	1003.8	1003.8	1001.2	994.5	995.0
20°	967.0	962.4	960.3	960.3	962.9	963.9	963.4	964.4	961.9	960.8	956.7
22.5°	933.4	932.9	933.9	936.5	940.6	946.3	946.8	946.8	946.8	946.3	941.1
25°	921.5	921.5	922.5	926.1	929.2	933.4	934.4	935.5	934.4	934.4	929.8
27.5°	908.0	907.0	909.1	912.7	916.3	919.4	922.0	922.5	921.0	921.0	922.5
30°	891.5	890.9	893.5	897.1	900.3	903.4	905.9	908.0	905.9	905.9	904.4
32.5°	874.4	874.4	875.4	853.7	791.5	712.8	714.4	668.8	637.3	597.4	650.2
35°	545.6	397.1	341.2	288.9	252.1	228.3	227.8	220.0	216.4	213.8	213.3
37.5°	206.0	207.1	209.1	210.2	211.7	212.8	213.3	213.3	213.3	213.3	212.8
40°	205.5	207.6	209.1	210.7	212.3	213.3	213.3	213.8	214.3	214.3	214.3
42.5°	206.0	208.1	210.2	211.7	212.8	213.3	213.8	214.3	214.3	214.3	214.3
45°	205.5	206.6	206.6	207.1	207.1	207.1	207.6	207.6	207.1	206.6	207.6
47.5°	197.8	197.8	196.2	195.7	195.2	194.1	194.6	194.1	193.6	193.1	194.1
50°	184.3	182.2	181.2	180.2	179.6	178.6	179.1	178.6	178.1	177.0	178.6
52.5°	168.2	167.7	165.7	164.6	164.1	164.6	163.6	163.1	162.6	162.0	162.6
55°	152.7	150.6	150.1	149.1	148.6	149.1	148.6	148.1	147.5	147.0	147.5
57.5°	138.7	137.2	136.7	135.6	135.6	135.6	135.6	135.1	134.6	134.1	134.6
60°	125.3	124.2	123.7	123.7	123.2	123.2	123.2	122.7	122.2	122.2	122.7
62.5°	113.9	113.9	112.3	111.8	111.8	112.3	111.8	111.3	110.8	110.3	111.3
65°	102.0	99.9	99.4	98.4	97.3	97.8	97.3	96.8	96.3	95.8	96.8
67.5°	87.5	87.0	84.9	83.9	83.3	83.9	83.3	82.8	82.3	81.8	82.8
70°	73.5	73.5	71.4	70.9	70.4	70.4	69.9	69.9	69.4	68.9	69.9
72.5°	61.1	61.1	60.6	59.5	59.0	58.5	58.0	57.5	57.5	58.0	58.0
75°	50.7	49.7	47.6	48.1	47.6	47.1	47.1	46.6	46.1	47.1	46.6
77.5°	39.9	39.3	37.8	38.3	37.8	37.3	37.3	36.8	36.2	36.8	36.8
80°	30.0	30.0	29.5	29.0	29.0	28.5	28.0	28.0	27.4	28.0	28.0
82.5°	21.7	21.7	21.2	20.7	20.2	20.2	19.7	19.7	19.7	19.7	19.7
85°	14.0	13.5	13.5	12.4	12.4	12.4	11.9	11.9	11.9	11.9	11.9
87.5°	6.7	6.7	6.2	6.2	5.7	5.2	5.2	4.7	4.7	5.2	5.2
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: P1213334

CATALOG NUMBER: 2SNLED-LD5-25SL-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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1168.9	1175.7	1170.0	1172.6	1173.1	1181.9	1181.4	1183.4	1179.8	1175.7	1170.0
5°	1228.5	1225.4	1221.2	1231.1	1225.9	1232.1	1234.2	1238.3	1238.3	1237.8	1233.1
7.5°	1152.4	1145.6	1150.8	1154.4	1156.0	1151.8	1160.1	1169.4	1177.2	1181.9	1182.4
10°	1092.8	1094.9	1094.4	1095.9	1099.6	1099.0	1104.2	1109.4	1111.5	1114.6	1115.6
12.5°	1064.9	1064.4	1065.4	1069.0	1071.1	1070.6	1075.7	1078.9	1079.9	1080.4	1079.9
15°	1042.6	1039.0	1041.6	1042.1	1043.6	1043.6	1049.9	1054.5	1056.6	1057.6	1056.6
17.5°	1000.7	991.9	1000.2	1000.2	1005.9	1004.8	1014.7	1022.4	1026.6	1029.7	1029.7
20°	959.3	955.1	958.2	957.2	961.3	960.8	967.0	972.2	975.8	978.4	981.5
22.5°	942.7	943.7	939.1	939.6	939.6	939.1	942.2	944.8	945.8	947.4	946.3
25°	931.8	932.9	931.3	928.7	927.7	928.7	930.3	933.4	933.9	932.9	929.2
27.5°	921.0	917.9	920.4	915.8	914.7	916.8	918.9	919.4	919.9	919.9	916.8
30°	904.4	901.8	904.4	902.3	900.3	902.3	903.9	903.9	904.9	905.4	901.8
32.5°	632.1	637.3	721.1	771.9	843.3	879.5	886.3	886.3	887.3	887.3	884.2
35°	215.4	215.9	233.5	253.1	295.1	346.8	414.7	449.9	568.9	711.3	849.0
37.5°	212.8	212.3	211.7	211.2	210.7	210.2	209.1	208.6	211.7	251.1	340.6
40°	213.8	213.3	212.3	211.7	211.2	210.2	209.7	208.6	207.6	206.6	205.5
42.5°	213.8	213.3	212.8	212.3	211.7	211.2	210.2	209.1	208.1	206.6	205.0
45°	206.6	206.6	207.1	207.1	207.6	207.6	207.6	207.1	207.1	206.6	204.5
47.5°	193.1	193.1	194.6	194.6	195.7	196.7	196.7	197.8	199.3	200.3	200.9
50°	177.6	177.6	179.1	179.6	180.7	182.2	183.8	184.3	185.8	187.9	190.0
52.5°	162.0	162.0	163.6	163.6	164.6	166.2	167.7	168.2	170.3	172.4	175.0
55°	147.5	147.5	148.6	149.1	149.6	150.6	152.2	152.2	154.3	155.8	158.4
57.5°	134.6	135.6	135.6	135.6	136.2	137.2	138.2	138.2	139.8	141.3	143.4
60°	122.2	123.2	123.2	123.2	123.7	124.2	125.3	125.3	126.3	127.4	129.4
62.5°	110.8	111.8	111.8	112.3	112.3	112.9	113.9	113.4	114.4	114.9	116.5
65°	96.3	97.3	97.8	98.4	98.9	99.9	101.5	100.9	102.5	103.5	105.1
67.5°	82.3	83.3	83.3	83.9	84.4	85.4	86.5	86.5	88.0	89.0	91.1
70°	69.4	70.4	70.4	70.9	71.4	72.5	73.5	73.0	74.5	75.6	77.1
72.5°	57.5	58.5	58.5	59.0	59.0	60.1	61.1	62.1	62.1	63.2	64.2
75°	46.6	47.1	47.6	47.6	48.1	48.7	49.7	50.7	51.3	51.8	52.8
77.5°	36.8	37.3	37.8	37.8	38.3	38.8	39.3	41.4	42.5	43.0	43.0
80°	28.0	28.5	28.5	28.5	29.0	29.5	30.5	30.5	32.6	32.6	33.1
82.5°	19.7	20.2	20.2	20.2	20.7	21.7	22.3	22.8	23.8	24.3	24.3
85°	11.9	12.4	12.4	12.4	12.9	13.5	14.5	15.0	15.5	15.5	16.0
87.5°	4.7	5.2	5.7	5.7	6.2	6.7	7.2	7.8	8.3	8.3	8.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1163.8	1167.4	1163.8	1165.8	1168.4	1163.8	1152.9	1148.7	1147.2	1141.0	1136.8
5°	1228.5	1228.5	1226.9	1231.1	1230.5	1223.3	1211.9	1206.7	1201.5	1194.8	1189.6
7.5°	1182.4	1186.5	1189.1	1205.2	1215.5	1216.6	1223.8	1225.4	1227.4	1225.4	1222.2
10°	1116.1	1114.6	1121.8	1136.8	1145.6	1150.3	1164.3	1171.0	1176.7	1188.1	1200.0
12.5°	1078.9	1080.9	1084.0	1094.9	1103.2	1101.1	1106.8	1111.5	1118.2	1129.6	1146.7
15°	1054.0	1056.1	1059.2	1067.5	1072.6	1070.1	1073.2	1076.3	1080.9	1086.6	1097.0
17.5°	1027.1	1030.7	1034.3	1043.1	1047.8	1047.3	1049.9	1050.9	1052.4	1056.1	1063.3
20°	985.2	996.5	1003.8	1015.7	1022.4	1021.4	1026.0	1027.6	1029.7	1033.3	1036.4
22.5°	946.8	949.9	953.6	966.5	977.9	991.9	995.0	999.1	1004.3	1007.9	1011.0
25°	925.1	923.0	924.6	933.4	939.6	940.6	945.3	958.7	972.7	978.9	986.2
27.5°	912.2	910.1	909.6	913.7	914.7	912.2	911.1	915.3	925.6	936.0	957.7
30°	898.2	895.6	893.5	897.1	898.7	895.1	888.3	884.7	890.9	893.5	902.3
32.5°	881.6	879.0	878.0	880.1	881.1	878.0	870.7	866.6	865.6	863.5	865.6
35°	863.0	860.4	858.8	859.4	861.4	858.8	852.6	847.4	844.9	839.2	835.0
37.5°	444.7	630.0	817.9	837.6	839.7	839.2	833.0	827.3	824.7	817.9	815.9
40°	203.4	227.3	341.2	445.7	643.0	816.9	811.2	805.5	800.9	798.8	791.0
42.5°	202.9	203.4	204.0	201.4	249.5	425.0	627.4	783.3	780.1	775.0	769.3
45°	202.9	200.3	202.4	199.3	200.3	199.8	249.0	401.7	714.9	747.0	744.4
47.5°	200.9	199.3	201.4	198.8	195.7	197.2	195.2	197.8	308.5	523.4	717.0
50°	191.5	192.6	196.2	195.7	193.1	195.2	191.5	194.6	192.1	210.7	405.9
52.5°	177.6	179.6	183.3	186.4	187.4	190.0	189.0	190.0	187.9	188.4	189.0
55°	161.0	163.6	166.7	171.4	173.4	177.6	180.7	182.2	184.8	184.3	180.2
57.5°	145.5	148.1	150.6	155.3	160.0	162.0	167.7	170.8	177.6	176.0	175.0
60°	131.0	133.0	135.6	136.7	142.4	146.0	151.2	154.3	163.1	165.1	168.2
62.5°	118.0	119.1	121.1	122.7	126.3	129.9	132.5	137.7	142.4	149.1	153.8
65°	106.1	107.2	108.7	109.7	110.3	115.4	117.0	122.7	124.2	131.5	135.6
67.5°	92.7	94.7	96.8	97.8	98.9	102.0	103.0	105.6	109.2	112.3	117.5
70°	78.7	80.2	82.3	83.9	85.9	88.0	91.1	92.7	95.3	97.3	101.5
72.5°	65.7	67.3	68.3	69.9	71.4	73.0	75.6	79.2	81.3	84.9	85.9
75°	53.3	54.9	55.9	56.9	58.5	59.5	60.6	64.2	66.3	69.4	72.5
77.5°	44.0	44.0	45.0	48.1	47.6	47.6	48.7	50.7	52.3	54.4	57.5
80°	34.2	34.7	35.2	37.8	38.3	38.8	38.3	39.9	41.4	41.9	44.0
82.5°	25.4	25.9	25.9	27.4	29.0	29.0	29.0	29.5	31.1	31.6	32.6
85°	17.1	17.6	18.1	18.6	19.7	20.2	20.7	20.7	21.7	22.3	22.8
87.5°	9.3	10.4	10.9	11.4	11.9	12.4	12.9	13.5	14.0	14.5	15.0
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1135.3	1132.7	1131.1	1127.0	1126.0	1119.2	1120.3	1119.2	1119.2	1120.8	1126.0
5°	1183.9	1171.5	1168.4	1159.6	1152.4	1139.9	1132.2	1128.0	1121.8	1119.2	1122.9
7.5°	1217.1	1207.8	1200.0	1192.2	1181.9	1167.4	1156.5	1144.1	1133.7	1123.9	1121.3
10°	1211.4	1221.7	1221.7	1217.1	1207.2	1192.7	1179.8	1164.3	1146.2	1130.6	1121.3
12.5°	1163.2	1181.4	1195.8	1206.7	1216.6	1206.7	1193.8	1181.4	1161.2	1138.4	1121.3
15°	1110.4	1129.1	1147.2	1170.0	1193.8	1203.6	1203.1	1188.6	1170.5	1146.7	1122.9
17.5°	1073.2	1086.1	1095.9	1120.8	1149.8	1175.1	1192.2	1193.3	1175.7	1154.4	1123.4
20°	1045.2	1054.5	1062.8	1076.8	1102.1	1133.2	1164.8	1182.4	1179.3	1156.0	1124.9
22.5°	1019.8	1026.6	1033.3	1043.6	1063.8	1084.0	1120.8	1157.0	1172.6	1153.4	1123.4
25°	994.5	1001.7	1006.9	1014.1	1030.2	1046.8	1072.6	1117.7	1152.4	1151.3	1120.3
27.5°	964.4	974.3	980.5	990.3	1001.2	1013.6	1031.2	1073.7	1123.4	1141.0	1112.0
30°	928.2	942.7	952.0	962.9	972.2	983.1	997.1	1022.9	1084.5	1120.8	1103.2
32.5°	875.9	901.8	922.5	932.9	943.2	952.5	965.0	986.7	1036.9	1093.3	1093.3
35°	838.6	850.6	869.2	899.2	912.2	921.5	932.9	949.9	982.0	1060.7	1077.3
37.5°	809.7	814.3	823.6	853.1	877.5	892.5	903.9	914.7	946.3	1016.2	1056.6
40°	787.9	786.4	785.3	799.3	834.0	857.8	870.7	881.6	905.9	962.9	1029.2
42.5°	762.5	761.0	755.8	759.4	776.5	816.4	836.1	848.0	868.2	907.0	999.1
45°	736.1	733.6	731.5	727.9	734.1	756.3	796.7	814.3	825.7	860.4	961.3
47.5°	709.2	705.6	703.0	699.9	696.3	706.6	744.9	776.5	796.2	817.9	915.8
50°	670.9	675.6	672.5	668.8	665.7	663.7	679.7	731.5	755.8	773.4	860.4
52.5°	316.3	615.0	640.9	637.3	633.1	629.5	633.1	672.5	716.5	730.5	793.6
55°	180.2	273.9	570.0	602.6	599.0	593.8	590.7	604.1	669.9	688.5	732.5
57.5°	173.4	173.9	251.6	543.0	563.2	558.6	555.0	558.1	614.0	645.6	679.2
60°	167.7	167.7	167.7	240.2	519.2	520.8	516.1	511.0	535.3	597.4	625.4
62.5°	155.3	158.4	160.0	160.0	237.1	480.9	476.3	474.7	475.8	539.4	571.5
65°	139.3	146.5	149.6	151.7	151.7	249.0	435.4	432.8	429.2	453.5	517.2
67.5°	121.7	128.9	135.6	139.8	140.3	145.0	259.9	389.8	384.6	385.2	459.2
70°	103.5	109.7	117.0	123.2	128.9	131.5	135.6	323.6	340.6	333.4	393.4
72.5°	89.6	92.1	97.3	103.5	110.3	116.5	120.1	128.9	295.6	287.8	299.2
75°	74.5	76.6	80.2	84.4	89.6	96.8	103.0	109.2	156.9	241.2	239.7
77.5°	58.0	61.6	65.7	68.3	70.9	76.1	84.4	90.6	96.8	163.1	192.1
80°	44.5	47.1	49.2	51.8	54.9	58.5	61.6	68.9	76.1	81.8	147.0
82.5°	33.1	34.7	36.2	37.3	38.3	40.4	46.1	48.7	53.3	58.5	69.4
85°	23.3	24.3	25.4	25.9	26.4	26.9	29.0	29.5	34.2	35.2	41.9
87.5°	15.0	15.5	16.6	17.1	17.1	17.6	18.1	18.1	18.1	17.1	20.7
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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CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1129.6	1129.6
2.5°	1130.1	1138.4
5°	1128.5	1139.4
7.5°	1124.4	1134.8
10°	1118.2	1130.6
12.5°	1111.5	1123.4
15°	1105.8	1114.6
17.5°	1099.6	1104.7
20°	1091.3	1095.4
22.5°	1083.0	1080.9
25°	1073.7	1069.0
27.5°	1061.8	1053.0
30°	1050.9	1035.4
32.5°	1040.5	1015.2
35°	1026.6	994.5
37.5°	1012.1	973.2
40°	995.0	948.9
42.5°	976.9	924.6
45°	954.1	901.3
47.5°	933.9	873.3
50°	905.9	843.3
52.5°	871.8	815.4
55°	831.4	781.2
57.5°	787.9	745.5
60°	741.3	704.6
62.5°	684.9	662.1
65°	618.6	613.5
67.5°	532.2	559.6
70°	436.4	498.0
72.5°	365.0	432.8
75°	299.2	359.8
77.5°	237.1	282.1
80°	148.1	206.6
82.5°	99.4	135.6
85°	60.1	64.7
87.5°	23.3	23.8
90°	0.0	0.0

(END OF REPORT)