

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-LD5-25SL-RW-UNV-L930-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-LD5-25SL-RW-UNV-L930-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

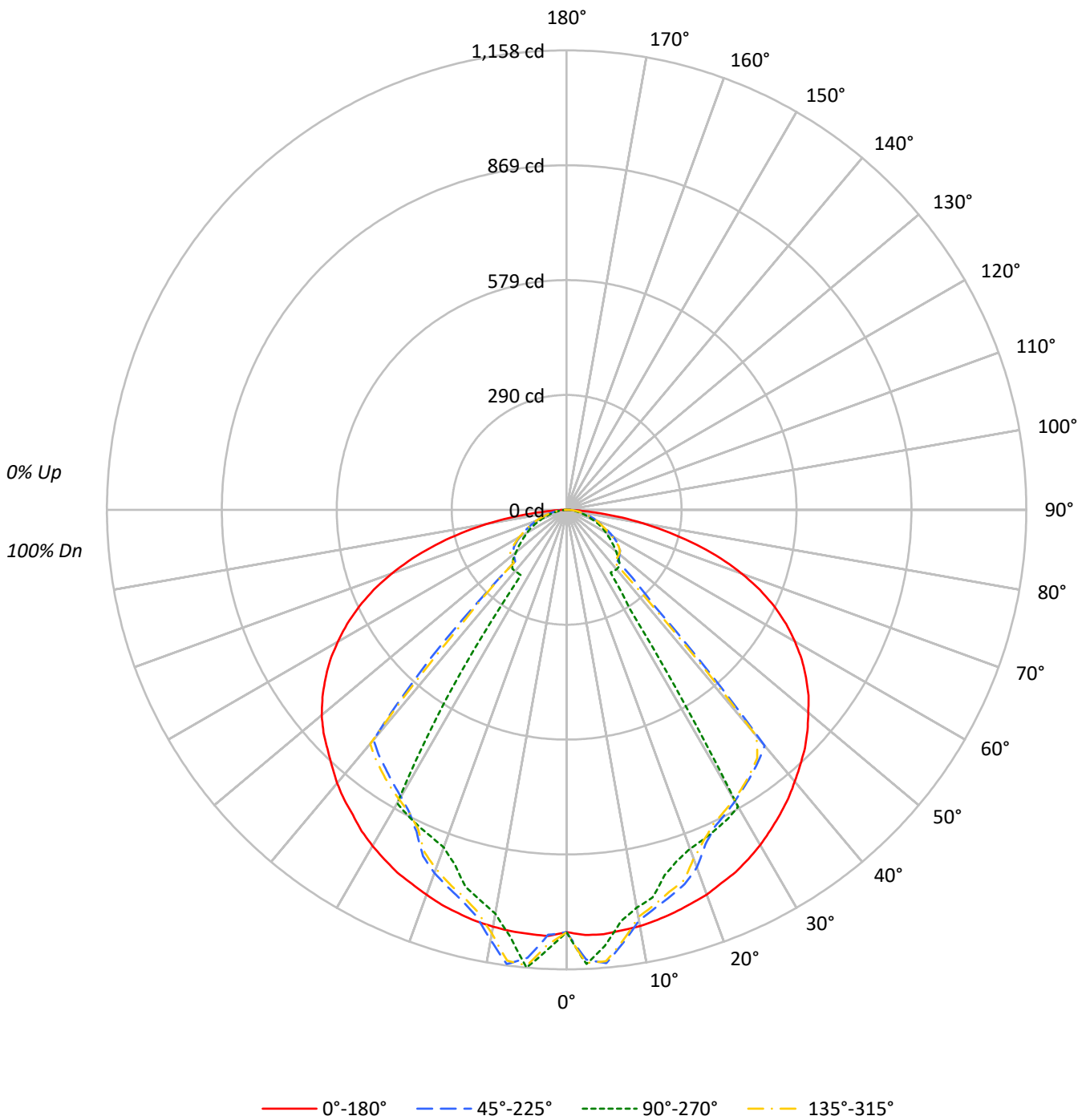
Lumens per Lamp: N/A
Luminaire Lumens: 2131.0 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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: 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	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	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°	17200	17200	17200	17200
5°	17320	17329	17312	18187
10°	17289	15667	17314	15907
15°	17279	14496	17321	14955
20°	17355	13749	17355	13697
25°	17451	13486	17477	13360
30°	17569	13248	17612	13091
35°	17710	3017	17746	3147
40°	17922	3138	18028	3239
45°	18266	3121	18328	3234
50°	18592	2821	18842	2898
55°	19037	2506	19189	2541
60°	19361	2225	19402	2255
65°	19488	1943	19441	1911
70°	18923	1566	18862	1510
75°	17165	1204	17287	1155
80°	13372	857	13908	782
85°	6598	512	6966	393



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.7	4.9
10°-20°	287.9	13.5
20°-30°	426.4	20.0
30°-40°	429.6	20.2
40°-50°	335.6	15.7
50°-60°	259.2	12.2
60°-70°	174.0	8.2
70°-80°	88.8	4.2
80°-90°	24.7	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°	819.0	38.4
0°-40°	1248.6	58.6
0°-60°	1843.5	86.5
0°-90°	2131.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2131.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1064	1064	1064	1064	1064	
5°	1073	1103	1073	1158	1073	102
15°	1050	954	1052	984	1050	297
25°	1007	889	1009	880	1007	465
35°	937	193	939	201	937	587
45°	849	188	852	195	849	655
55°	736	137	742	138	736	657
65°	578	92	576	90	578	568
75°	339	46	341	44	339	354
85°	61	15	64	11	61	84
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°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1072.5	1076.4	1079.3	1081.2	1082.2	1082.2	1082.7	1083.2	1089.5	1092.5	1094.4
5°	1073.4	1077.3	1083.2	1091.0	1097.8	1103.7	1108.5	1115.4	1122.2	1129.5	1132.0
7.5°	1069.0	1073.9	1085.6	1099.8	1112.9	1122.2	1128.5	1132.9	1136.3	1136.8	1139.3
10°	1065.1	1073.9	1090.0	1108.5	1125.1	1136.3	1136.3	1133.9	1137.3	1124.2	1111.0
12.5°	1058.3	1068.1	1090.0	1114.4	1130.0	1134.4	1132.4	1122.7	1102.7	1086.6	1079.3
15°	1050.0	1063.2	1090.5	1117.8	1131.0	1132.4	1113.9	1089.0	1073.9	1064.2	1052.0
17.5°	1040.8	1058.3	1091.0	1118.3	1123.2	1116.4	1081.2	1065.6	1050.0	1027.1	1010.5
20°	1032.0	1049.0	1087.1	1111.5	1114.4	1083.7	1056.4	1039.8	1013.4	993.4	986.1
22.5°	1018.3	1038.3	1083.7	1102.2	1091.0	1055.4	1029.1	1002.7	978.8	973.0	964.2
25°	1007.1	1028.1	1075.9	1091.0	1061.2	1029.5	998.8	968.1	956.9	948.6	940.8
27.5°	992.0	1017.8	1065.6	1070.5	1029.5	1001.7	956.9	943.2	933.0	923.7	920.3
30°	975.4	1007.1	1051.5	1042.2	1003.2	962.2	929.1	916.4	909.1	899.3	895.4
32.5°	956.4	991.0	1035.9	1009.5	974.9	923.7	902.2	892.5	882.7	875.4	851.0
35°	936.9	976.9	1017.3	978.3	940.8	894.4	875.4	866.6	857.4	830.6	805.2
37.5°	916.9	961.3	994.9	944.7	895.4	864.2	848.1	838.4	817.4	783.3	770.6
40°	894.0	942.2	966.1	910.1	855.9	833.5	818.4	808.6	761.3	746.2	742.3
42.5°	871.0	923.7	931.0	876.4	823.2	800.8	788.1	755.9	723.8	715.9	717.4
45°	849.1	903.7	892.5	828.6	789.1	770.6	749.1	704.7	687.7	691.6	692.5
47.5°	822.8	879.8	852.0	780.8	754.0	735.5	687.7	660.8	658.4	663.8	666.7
50°	794.5	853.0	809.1	737.4	715.9	694.0	639.9	626.2	629.1	634.5	637.9
52.5°	768.1	822.8	764.7	696.9	678.4	628.2	591.6	594.0	598.9	605.2	607.2
55°	735.9	786.2	717.4	656.0	638.4	572.6	556.0	561.8	566.7	572.1	576.0
57.5°	702.3	744.2	661.3	610.1	581.8	523.3	524.8	528.7	532.1	538.4	222.4
60°	663.8	696.4	599.9	567.7	511.6	484.3	485.8	492.6	496.0	277.0	153.1
62.5°	623.8	640.8	544.3	519.4	447.2	445.3	452.1	455.0	309.7	146.3	143.4
65°	577.9	574.5	489.7	450.1	403.3	405.3	412.6	398.0	137.0	137.0	136.1
67.5°	527.2	506.7	436.5	372.6	360.9	365.3	373.1	130.2	126.8	127.8	124.4
70°	469.2	440.4	381.4	315.5	319.4	323.8	125.8	118.0	116.6	114.1	107.3
72.5°	407.7	368.2	312.1	274.1	276.5	173.6	110.2	106.3	101.4	96.6	89.2
75°	339.0	287.7	229.2	229.2	232.6	99.0	96.1	89.7	84.4	78.0	73.6
77.5°	265.8	221.4	178.0	184.8	90.2	82.9	77.5	70.7	66.3	62.4	60.0
80°	194.6	154.6	134.1	120.0	70.2	62.9	57.5	53.6	51.7	49.3	46.3
82.5°	127.8	93.2	93.2	56.6	49.3	43.4	41.9	39.0	37.1	35.6	34.1
85°	61.0	54.1	41.0	34.6	30.7	27.8	26.8	25.4	25.4	24.9	24.4
87.5°	22.4	24.4	18.0	17.6	16.6	16.1	16.6	16.6	17.1	16.6	16.1
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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CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1099.3	1103.2	1106.1	1111.0	1117.3	1122.7	1127.6	1134.4	1145.1	1148.1	1150.5
5°	1132.0	1133.4	1136.8	1140.7	1141.7	1144.1	1143.7	1146.6	1148.1	1151.5	1144.1
7.5°	1133.9	1126.1	1116.8	1108.5	1102.7	1097.3	1093.9	1099.3	1102.2	1104.6	1097.3
10°	1092.9	1083.7	1078.3	1073.4	1067.6	1059.3	1048.1	1050.5	1049.5	1049.5	1047.1
12.5°	1067.1	1053.9	1040.3	1028.1	1022.7	1022.2	1022.7	1028.1	1028.1	1027.6	1024.7
15°	1026.6	1013.9	1007.1	1004.2	1004.2	1002.7	1002.7	1008.6	1007.1	1007.1	1005.6
17.5°	999.8	991.0	986.1	982.7	981.3	983.7	986.6	989.1	989.5	987.6	979.8
20°	977.8	969.6	963.7	964.7	964.2	965.7	967.1	958.8	948.6	934.9	928.6
22.5°	954.9	948.6	944.2	944.2	938.3	929.1	915.4	912.5	911.0	904.7	899.3
25°	933.0	925.7	919.3	899.8	887.6	889.1	886.6	881.8	881.3	880.8	882.7
27.5°	911.0	892.0	867.6	864.7	859.8	859.3	862.3	864.7	864.7	866.6	869.1
30°	865.7	843.7	839.3	834.0	835.9	842.7	844.2	847.6	848.6	852.0	854.0
32.5°	824.2	814.5	810.6	813.0	819.3	825.2	828.6	830.1	832.5	835.4	837.9
35°	790.6	787.6	791.1	796.4	802.8	807.6	810.6	813.5	815.9	818.4	820.3
37.5°	765.7	767.6	772.5	779.3	785.7	789.6	792.0	795.4	798.9	801.8	790.1
40°	742.3	747.2	752.5	759.8	765.2	769.1	771.5	775.9	746.7	338.0	185.3
42.5°	721.8	727.2	731.1	736.9	742.8	745.7	724.2	323.3	182.9	181.9	184.4
45°	696.9	701.3	707.7	712.0	717.4	471.1	180.0	181.9	179.0	180.9	181.9
47.5°	671.6	678.4	681.8	650.6	193.6	179.0	177.0	179.0	177.0	179.5	178.0
50°	642.8	651.1	463.3	175.1	173.6	172.6	174.6	173.6	175.1	177.0	173.1
52.5°	613.5	379.9	169.7	168.7	169.7	168.7	172.2	169.7	170.2	168.3	163.4
55°	207.8	164.4	162.9	162.4	165.3	165.3	165.3	161.4	159.0	154.1	150.7
57.5°	159.0	159.0	158.5	159.0	158.0	157.0	152.7	149.2	145.8	139.0	137.0
60°	150.7	150.7	150.7	150.7	146.3	144.4	137.5	134.6	128.8	125.3	123.4
62.5°	143.9	142.9	138.5	137.0	132.2	126.8	122.9	120.0	114.1	112.2	110.7
65°	134.1	130.7	125.3	119.5	117.0	111.2	109.2	104.9	101.9	100.5	99.5
67.5°	118.0	113.1	108.8	104.9	100.5	98.5	96.1	92.7	90.7	89.7	88.8
70°	101.0	97.5	93.2	90.7	87.8	86.3	82.9	81.9	80.5	79.0	77.5
72.5°	84.4	82.4	80.5	77.1	76.1	75.1	71.7	69.7	67.8	65.8	64.9
75°	70.7	69.3	68.3	65.4	63.9	61.0	58.5	57.1	55.6	54.1	53.2
77.5°	58.0	57.1	54.1	52.2	51.2	48.8	47.8	48.3	47.3	45.4	44.4
80°	45.4	44.4	41.9	41.9	41.0	40.0	39.0	38.0	37.1	35.6	34.6
82.5°	34.6	33.7	32.7	31.7	30.7	30.2	29.7	28.8	27.8	26.8	26.3
85°	24.4	23.9	23.4	22.9	22.4	21.9	21.5	20.5	19.5	19.0	18.5
87.5°	16.6	16.1	15.6	15.1	14.6	14.1	13.7	13.2	12.2	11.7	11.2
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1150.5	1152.9	1150.5	1145.1	1141.7	1140.2	1143.2	1143.2	1145.1	1147.6	1148.1
5°	1132.4	1126.6	1119.8	1112.9	1109.5	1107.6	1102.2	1103.2	1104.6	1105.6	1106.6
7.5°	1087.6	1079.8	1070.5	1061.7	1058.3	1055.4	1049.0	1049.0	1049.0	1049.5	1052.5
10°	1041.7	1038.3	1034.4	1028.6	1024.2	1022.7	1017.3	1018.8	1017.8	1019.3	1022.7
12.5°	1020.3	1016.4	1013.0	1007.1	1002.2	1000.3	997.8	999.3	998.8	1001.3	1004.2
15°	1000.8	998.8	994.9	990.5	986.1	982.2	973.5	970.5	968.6	966.1	969.6
17.5°	968.6	954.9	945.7	938.8	934.0	930.5	928.1	928.1	929.6	931.0	934.0
20°	924.7	920.8	916.4	909.1	904.2	902.2	900.8	900.8	903.2	905.2	910.5
22.5°	894.4	894.0	892.5	889.1	886.6	886.6	887.1	888.1	891.5	894.4	899.8
25°	880.3	882.3	881.3	879.3	877.9	878.4	877.4	878.4	881.8	884.7	889.1
27.5°	869.1	872.0	871.0	868.1	865.7	866.6	868.1	867.1	870.1	873.5	876.9
30°	854.0	854.5	856.4	853.0	852.0	853.5	854.0	854.9	857.9	860.3	863.2
32.5°	836.9	840.8	840.3	836.9	836.9	838.4	838.8	806.2	745.2	641.8	613.5
35°	820.3	824.7	817.4	689.1	477.0	254.6	196.5	189.7	191.2	192.2	193.1
37.5°	606.7	287.7	183.4	184.8	186.3	187.8	189.2	190.7	192.2	193.6	194.1
40°	182.4	181.9	183.4	185.3	186.8	187.8	189.7	191.2	192.6	194.1	194.6
42.5°	180.4	181.4	182.9	184.8	186.8	188.7	190.2	192.2	193.1	194.1	194.6
45°	179.5	181.4	183.4	184.8	186.3	187.3	188.3	188.7	188.3	188.3	189.2
47.5°	178.0	180.0	180.4	180.0	180.4	180.0	180.0	180.0	178.5	178.0	178.0
50°	172.6	172.6	171.7	169.7	169.2	168.7	167.8	167.3	165.3	164.8	164.8
52.5°	161.4	160.9	159.5	157.0	156.1	155.1	154.6	154.1	152.2	151.2	151.7
55°	148.3	147.3	145.8	142.9	142.4	141.4	140.9	140.5	138.5	139.5	138.0
57.5°	136.1	134.1	132.2	131.7	129.7	129.2	128.8	128.3	126.8	127.3	126.3
60°	121.4	121.0	120.0	118.0	118.0	117.5	117.5	116.6	115.6	115.1	115.1
62.5°	110.7	109.2	108.3	108.3	106.8	106.8	106.8	105.8	104.9	105.3	104.9
65°	99.0	98.5	98.0	97.1	97.1	96.6	96.6	95.6	94.1	94.6	93.6
67.5°	89.2	88.3	87.3	86.8	84.9	83.9	83.4	82.9	81.0	81.4	80.5
70°	77.1	75.6	74.6	73.6	72.2	71.2	71.2	70.2	68.8	69.3	68.3
72.5°	64.4	63.4	62.4	61.9	60.5	60.0	59.5	59.0	57.5	58.0	57.5
75°	53.6	53.6	53.2	52.7	51.2	49.7	48.8	48.3	47.3	47.8	46.8
77.5°	44.4	43.4	42.4	42.4	41.0	40.0	39.0	39.0	39.0	38.5	38.0
80°	34.6	33.7	33.7	33.2	32.2	31.2	30.7	30.7	30.2	30.2	29.7
82.5°	26.3	25.4	24.9	24.9	23.9	23.4	22.9	22.4	22.4	22.4	21.9
85°	18.5	17.6	17.1	17.1	16.1	15.6	15.6	15.1	15.1	14.6	14.6
87.5°	11.2	10.7	10.2	10.2	9.3	8.8	8.8	8.8	8.3	8.3	7.8
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1148.1	1148.1	1144.6	1145.6	1144.1	1146.1	1143.7	1143.7	1146.6	1146.6	1148.5
5°	1107.1	1104.6	1104.2	1103.2	1098.3	1100.3	1097.8	1095.4	1098.8	1098.8	1103.2
7.5°	1051.0	1046.6	1048.6	1045.6	1042.7	1038.3	1039.8	1037.8	1040.3	1043.7	1048.1
10°	1022.2	1018.3	1020.8	1017.8	1019.3	1013.0	1013.4	1013.9	1016.4	1017.3	1021.2
12.5°	1003.7	1002.7	1001.7	1000.8	1001.7	998.3	996.4	996.9	997.8	998.3	1001.3
15°	964.7	958.3	960.3	953.5	953.9	954.4	950.5	954.4	953.9	960.3	966.1
17.5°	933.0	933.0	929.6	926.6	924.7	924.2	921.3	923.2	921.3	925.2	926.6
20°	911.0	910.5	910.1	908.6	903.7	904.2	905.7	901.3	900.8	900.3	903.2
22.5°	900.8	901.3	899.3	899.3	894.9	895.9	896.4	891.5	892.0	890.5	892.0
25°	890.1	891.0	888.6	888.6	887.6	887.1	884.7	885.7	882.7	880.3	882.7
27.5°	877.4	879.3	877.4	878.4	876.4	875.4	874.0	873.0	870.1	869.6	871.0
30°	865.7	866.6	866.2	863.7	863.2	860.3	861.8	858.8	855.9	856.4	857.4
32.5°	443.8	423.8	326.8	295.1	292.1	302.9	358.9	437.0	566.2	691.6	781.8
35°	193.6	193.6	193.6	193.1	193.1	192.6	192.6	191.7	191.2	190.7	190.2
37.5°	194.6	194.6	194.6	194.6	194.1	193.6	193.6	192.6	192.2	191.7	191.2
40°	195.1	195.6	195.6	195.6	195.1	195.1	194.6	193.6	193.1	192.2	191.2
42.5°	194.6	195.1	195.1	194.6	194.6	194.1	194.1	193.6	193.1	192.6	192.2
45°	188.3	188.7	187.8	187.8	187.3	187.3	187.3	187.3	187.3	187.8	187.8
47.5°	177.0	177.0	176.5	176.1	176.1	175.6	176.1	175.6	176.5	177.0	178.0
50°	163.9	163.9	162.9	162.4	162.4	162.4	162.4	162.9	163.4	164.4	165.3
52.5°	150.2	150.2	149.7	149.2	148.7	148.7	150.2	149.7	150.2	150.7	152.2
55°	137.0	137.5	136.6	136.6	136.1	136.1	136.1	136.6	137.0	137.5	139.0
57.5°	125.8	125.8	124.9	124.9	124.9	124.4	125.8	124.9	125.3	125.8	126.8
60°	114.6	114.1	114.1	113.6	113.6	113.6	114.6	114.1	114.1	114.6	115.6
62.5°	104.4	104.4	103.9	103.9	103.4	103.4	104.4	103.9	103.9	104.4	104.9
65°	92.7	92.7	92.2	91.7	93.2	91.7	93.2	92.2	93.2	93.6	94.6
67.5°	79.5	79.5	79.5	79.0	79.0	80.0	80.5	79.5	80.0	81.0	81.4
70°	67.8	67.8	67.3	67.3	67.3	68.3	68.8	67.8	68.3	68.8	69.7
72.5°	57.5	56.6	56.6	56.1	57.1	57.1	57.5	57.1	57.5	57.5	58.5
75°	47.3	46.3	46.3	46.3	47.3	46.8	47.3	46.8	47.3	47.3	47.8
77.5°	38.0	37.6	37.1	37.1	38.0	38.0	38.0	37.6	38.0	38.5	39.0
80°	29.7	29.3	28.8	28.8	29.7	29.7	29.7	30.2	29.7	30.2	30.7
82.5°	21.9	21.5	21.0	21.9	21.9	21.9	21.9	22.4	21.9	22.4	22.9
85°	14.6	14.1	13.7	14.6	14.6	14.6	14.6	15.1	14.6	15.1	15.6
87.5°	7.8	7.3	7.3	7.8	7.8	7.8	8.3	8.3	8.3	8.8	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



TEST NUMBER: P#

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1151.5	1152.9	1152.4	1149.5	1146.6	1143.2	1140.7	1141.2	1146.1	1147.6	1143.2
5°	1103.2	1112.4	1112.4	1118.8	1115.4	1112.4	1114.4	1125.1	1130.5	1138.8	1141.7
7.5°	1053.4	1057.8	1057.3	1063.7	1062.7	1062.7	1064.2	1078.3	1085.1	1092.0	1093.9
10°	1025.6	1030.0	1029.5	1030.0	1028.6	1025.2	1025.2	1031.5	1037.3	1040.8	1041.7
12.5°	1005.6	1008.1	1007.6	1007.6	1006.6	1003.7	1003.2	1008.6	1014.9	1019.3	1019.8
15°	975.9	982.7	984.2	990.5	989.1	985.2	986.1	990.5	994.4	998.3	996.9
17.5°	931.5	934.9	935.4	937.9	936.9	936.9	942.7	958.8	969.6	978.8	979.8
20°	906.2	908.6	907.6	913.0	910.5	910.1	911.5	918.3	923.2	927.6	935.4
22.5°	894.0	895.9	894.4	894.9	890.5	886.6	885.7	891.0	896.4	902.2	902.2
25°	883.7	885.2	884.7	883.7	880.3	874.9	874.0	874.9	876.9	877.4	874.0
27.5°	871.5	872.5	872.5	873.0	868.6	863.7	862.7	861.8	863.7	863.2	857.9
30°	858.8	857.4	857.9	858.4	854.5	850.1	848.1	847.6	849.6	849.1	843.7
32.5°	828.6	839.8	840.8	841.8	838.4	834.5	832.5	831.0	832.0	831.5	826.7
35°	189.7	193.1	236.5	535.5	727.2	805.2	813.5	811.5	812.0	812.0	808.1
37.5°	190.2	189.7	189.2	187.8	186.3	185.3	320.4	683.3	791.5	792.0	788.6
40°	190.2	189.7	189.2	188.3	186.3	184.8	182.4	180.4	184.8	406.7	744.2
42.5°	191.2	190.2	189.2	188.3	186.3	184.4	182.4	180.0	181.4	180.4	178.0
45°	188.3	187.8	187.8	187.3	186.3	184.4	181.9	179.0	177.5	179.0	176.5
47.5°	179.0	179.5	180.9	181.4	181.4	181.9	180.4	178.5	176.1	177.5	174.6
50°	166.3	167.3	167.8	170.2	171.2	173.1	173.6	173.6	173.1	175.1	173.1
52.5°	152.7	153.6	156.1	157.0	158.0	160.9	161.9	163.4	164.4	167.3	169.2
55°	139.5	140.0	140.9	142.9	144.4	146.8	148.3	149.7	152.2	153.6	159.5
57.5°	127.3	127.8	129.7	130.2	131.2	133.1	134.6	136.6	138.5	139.5	146.3
60°	115.6	116.1	117.5	118.0	118.5	120.5	121.9	123.4	124.9	125.8	130.7
62.5°	105.3	105.3	106.8	106.8	107.3	108.8	109.7	110.7	112.2	112.7	115.1
65°	95.1	95.6	96.6	96.6	97.1	98.0	98.5	99.0	100.5	100.5	102.4
67.5°	82.4	82.9	84.4	85.3	85.8	87.8	88.3	88.8	89.7	90.2	91.2
70°	70.2	70.7	72.2	72.7	73.2	74.6	75.6	77.1	78.5	80.0	81.0
72.5°	59.0	59.5	61.0	61.0	62.4	62.9	63.9	64.4	65.8	66.8	68.3
75°	48.3	48.8	50.2	50.2	51.7	52.2	52.7	53.2	54.1	55.1	56.1
77.5°	39.5	39.5	41.5	42.4	43.4	43.4	43.9	43.9	43.9	44.4	45.4
80°	31.2	31.2	32.7	33.7	34.6	34.6	35.1	35.6	36.1	36.1	36.6
82.5°	23.4	23.4	24.9	25.4	26.3	26.3	26.3	26.8	27.3	26.8	27.8
85°	16.1	16.1	17.1	17.6	18.5	18.5	18.5	19.0	19.5	19.0	19.5
87.5°	9.3	9.8	10.2	10.7	11.2	11.7	11.7	11.7	12.2	12.2	12.7
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1138.3	1132.4	1132.0	1125.1	1123.2	1123.7	1118.3	1116.4	1107.6	1105.6	1096.4
5°	1142.7	1145.6	1144.1	1143.7	1145.1	1144.1	1140.2	1138.3	1136.8	1132.9	1125.1
7.5°	1094.4	1096.4	1097.8	1104.2	1109.5	1118.8	1128.5	1134.9	1139.8	1140.7	1134.4
10°	1045.1	1054.4	1060.8	1070.5	1078.3	1083.7	1089.5	1094.9	1109.0	1123.2	1131.5
12.5°	1019.8	1022.2	1021.7	1027.1	1032.5	1046.6	1060.3	1068.1	1078.8	1085.1	1100.3
15°	998.3	998.8	1000.3	1004.2	1007.1	1012.0	1018.3	1030.0	1051.5	1061.2	1069.5
17.5°	978.8	978.8	979.8	983.2	987.1	991.5	995.4	1000.3	1011.0	1027.1	1047.6
20°	947.6	961.3	962.7	962.2	964.2	972.5	973.5	982.2	987.6	993.9	1013.9
22.5°	901.3	909.6	921.3	939.3	946.1	950.0	953.0	956.9	965.2	972.5	980.8
25°	875.9	881.3	884.7	890.1	904.2	927.1	931.5	935.9	941.3	946.6	956.9
27.5°	853.5	853.0	855.4	860.3	864.2	876.4	897.9	914.9	915.9	923.7	932.5
30°	837.4	834.5	831.0	830.1	835.4	841.8	848.1	874.9	893.5	897.4	906.6
32.5°	822.3	817.4	812.5	808.6	805.2	810.6	814.5	826.2	850.1	872.5	877.4
35°	803.7	798.9	793.0	788.6	783.3	782.8	782.3	793.5	801.3	828.1	851.5
37.5°	784.7	779.3	774.5	769.6	764.2	760.3	757.9	760.8	768.1	779.8	818.9
40°	764.7	758.4	753.5	749.6	742.3	739.4	734.5	732.5	733.0	743.3	763.7
42.5°	457.0	728.6	731.1	726.7	720.3	716.4	711.1	708.6	703.8	708.6	720.3
45°	176.1	178.0	533.1	704.2	696.4	691.6	686.7	684.2	678.9	675.0	685.7
47.5°	172.6	174.6	170.7	241.9	664.7	666.2	660.3	657.9	652.5	649.6	646.7
50°	170.2	171.7	168.7	169.7	166.3	609.1	633.5	630.6	624.7	621.3	615.5
52.5°	167.8	167.8	165.8	163.4	162.4	162.9	512.6	602.8	596.0	592.6	584.8
55°	160.0	160.9	162.9	159.0	158.0	157.5	156.1	488.2	564.3	560.4	553.5
57.5°	148.3	150.2	155.6	154.6	154.6	150.7	149.7	149.7	453.1	527.7	520.9
60°	134.6	136.6	142.4	144.4	145.8	144.8	143.9	143.4	141.4	477.5	486.2
62.5°	120.5	122.4	124.4	130.7	132.7	135.1	138.0	136.6	134.6	134.6	449.7
65°	105.3	108.3	109.2	115.1	117.5	121.9	124.4	127.8	126.8	126.3	128.8
67.5°	92.2	95.6	96.1	98.5	102.9	104.9	107.8	114.1	117.0	118.0	119.0
70°	81.0	82.9	84.4	85.3	88.3	88.8	94.1	98.5	102.9	107.8	109.2
72.5°	69.7	71.2	74.1	73.2	74.1	76.1	79.0	81.9	86.3	93.2	97.5
75°	57.1	58.0	60.0	61.0	62.9	64.4	66.3	68.8	72.7	76.1	81.9
77.5°	45.8	46.3	47.8	48.3	50.2	51.7	55.1	56.6	59.0	61.5	64.9
80°	37.1	37.1	37.6	37.6	39.0	40.5	42.9	44.4	47.3	49.3	49.3
82.5°	28.3	28.3	29.7	29.7	30.7	30.7	32.2	32.2	33.7	34.6	35.6
85°	20.0	20.5	21.5	21.0	21.9	21.5	22.4	23.4	23.9	23.4	22.9
87.5°	13.2	13.2	14.1	13.7	14.1	14.1	15.1	15.1	15.6	15.6	15.1
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1092.9	1085.6	1081.2	1075.9	1074.4	1072.9	1074.9	1074.9	1072.0	1069.5	1065.1
5°	1118.3	1110.5	1102.2	1093.4	1085.1	1076.4	1072.9	1072.5	1067.1	1064.2	1062.7
7.5°	1131.5	1127.6	1118.3	1106.1	1093.4	1077.8	1071.0	1067.1	1061.7	1060.8	1060.8
10°	1132.9	1128.5	1123.7	1114.9	1100.3	1079.8	1066.6	1058.8	1053.9	1057.3	1063.7
12.5°	1118.8	1127.1	1122.7	1116.8	1105.1	1080.3	1061.2	1049.5	1048.1	1056.9	1073.4
15°	1082.7	1107.1	1119.3	1113.4	1104.2	1079.3	1052.5	1038.8	1038.8	1056.9	1078.3
17.5°	1055.4	1074.4	1104.2	1109.0	1098.3	1077.3	1044.2	1028.1	1032.5	1058.8	1081.7
20°	1033.0	1044.7	1073.4	1100.7	1090.5	1072.9	1032.0	1015.4	1024.2	1055.9	1086.6
22.5°	997.8	1021.2	1038.8	1079.3	1082.7	1064.7	1019.8	999.8	1017.3	1055.9	1084.2
25°	963.7	992.0	1010.5	1050.0	1071.0	1054.4	1008.6	983.2	1010.0	1054.4	1082.2
27.5°	939.8	953.0	986.6	1014.9	1053.4	1040.8	993.4	965.2	1000.8	1046.6	1071.0
30°	914.4	923.2	956.4	983.2	1030.0	1025.2	977.8	945.2	989.1	1039.3	1041.7
32.5°	886.6	896.4	913.5	952.5	997.4	1010.5	960.3	925.2	976.4	1028.1	1007.6
35°	858.4	865.7	879.3	921.3	959.3	988.6	938.8	902.2	967.6	1011.0	974.9
37.5°	830.1	837.9	849.6	884.7	919.3	968.1	920.3	879.3	951.5	980.8	940.8
40°	803.2	807.6	819.8	841.8	886.2	947.1	899.3	855.4	934.9	942.2	894.4
42.5°	754.0	775.9	787.2	804.7	848.6	918.3	874.9	830.1	916.4	903.7	848.1
45°	700.8	748.6	753.5	771.1	815.4	887.6	852.0	805.2	898.8	870.5	804.2
47.5°	657.4	692.0	720.3	735.0	775.9	851.5	830.6	784.2	872.5	828.6	761.3
50°	618.9	637.4	688.6	699.4	728.6	808.1	805.2	759.8	835.9	775.9	719.4
52.5°	581.3	594.5	640.8	663.8	687.7	761.3	775.0	735.9	795.9	723.3	676.9
55°	548.7	553.1	578.4	626.7	648.2	714.0	741.8	708.1	745.2	673.0	636.0
57.5°	515.0	511.1	529.6	591.6	607.2	665.7	706.7	679.9	704.2	621.8	593.5
60°	479.9	474.5	482.3	523.3	563.8	617.9	665.2	648.6	654.5	571.1	546.2
62.5°	443.3	438.0	435.5	461.4	521.4	568.7	623.3	614.0	593.5	524.8	487.7
65°	405.3	399.9	396.0	406.3	474.5	504.8	576.5	574.0	526.7	476.0	410.6
67.5°	123.4	363.8	355.5	355.0	399.9	446.7	525.7	521.8	459.4	423.8	353.6
70°	111.2	295.1	313.6	309.2	328.7	387.7	467.7	464.8	394.1	339.9	312.6
72.5°	101.9	104.4	277.0	272.1	276.5	329.7	407.2	399.4	334.1	268.2	270.2
75°	87.3	91.7	95.6	229.7	223.9	273.1	341.4	329.2	275.6	221.4	225.8
77.5°	71.2	76.6	79.5	167.3	180.9	194.6	272.6	256.5	189.7	177.0	84.4
80°	53.2	57.5	62.4	66.8	137.5	136.1	202.4	186.3	132.2	110.2	65.8
82.5°	39.0	40.5	43.4	48.3	54.6	91.2	130.2	114.6	91.7	50.2	45.4
85°	24.4	26.3	27.8	29.3	33.2	54.6	64.4	51.2	38.5	30.7	28.8
87.5°	15.6	15.6	15.1	15.6	16.1	19.5	21.9	21.0	16.6	15.6	15.6
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: P#

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1060.3	1053.4	1053.4	1051.5	1052.9	1052.9	1052.5	1052.9	1056.4	1058.3	1061.7
5°	1059.8	1057.8	1062.2	1067.6	1073.9	1081.7	1083.7	1090.5	1096.8	1105.1	1113.9
7.5°	1066.1	1072.9	1081.2	1090.0	1102.7	1112.0	1120.3	1128.5	1134.4	1142.2	1147.1
10°	1075.4	1089.0	1103.2	1114.4	1128.1	1135.9	1141.2	1142.2	1133.9	1120.7	1110.0
12.5°	1088.6	1104.6	1117.8	1128.5	1134.9	1132.0	1116.4	1100.3	1091.0	1077.3	1058.3
15°	1099.8	1114.4	1128.1	1123.7	1106.6	1090.5	1078.3	1059.3	1040.8	1028.1	1019.8
17.5°	1104.6	1118.8	1113.9	1091.0	1074.9	1056.4	1031.5	1016.9	1004.7	994.9	990.0
20°	1107.6	1105.1	1078.8	1062.2	1031.0	1013.9	997.8	984.2	974.9	970.0	969.1
22.5°	1099.8	1070.0	1047.6	1017.8	994.9	980.8	968.1	956.9	950.5	946.6	944.2
25°	1073.9	1039.3	1006.1	982.7	963.2	951.0	941.3	932.0	924.2	922.2	917.4
27.5°	1037.8	1009.5	965.7	947.6	930.5	924.7	914.0	904.7	897.9	892.0	876.4
30°	1008.1	963.2	931.5	914.9	904.7	897.9	885.7	875.9	864.2	842.7	834.0
32.5°	971.5	927.1	896.9	887.6	874.9	869.1	855.4	834.0	815.9	807.1	806.7
35°	924.2	887.6	865.7	857.4	847.1	837.4	809.1	789.6	780.8	781.8	789.1
37.5°	884.7	852.0	837.9	826.2	814.5	789.6	765.7	756.4	758.9	763.7	767.2
40°	844.7	819.8	803.7	794.5	768.1	743.7	731.1	734.5	738.9	742.3	746.7
42.5°	805.7	788.1	772.0	754.0	717.9	704.7	707.7	712.0	715.9	720.8	725.2
45°	768.6	753.0	734.5	693.5	675.5	678.9	683.3	686.7	692.5	696.0	700.3
47.5°	733.5	716.9	684.2	648.2	646.2	653.0	656.9	661.3	665.7	656.9	362.4
50°	694.0	676.9	627.2	613.5	617.9	624.3	629.1	633.5	564.3	224.3	172.6
52.5°	655.0	611.6	579.9	583.8	588.2	595.5	598.9	444.8	177.0	168.7	169.2
55°	611.6	556.0	546.7	551.6	555.5	562.8	373.1	163.4	162.4	161.9	165.8
57.5°	543.3	509.6	513.6	518.4	522.3	368.7	159.0	158.0	158.5	159.0	159.5
60°	482.3	475.0	479.4	483.8	342.4	153.6	150.7	151.2	153.1	151.7	147.8
62.5°	434.1	439.9	444.3	389.2	145.8	144.4	145.8	144.4	140.9	138.5	133.6
65°	397.0	402.8	406.3	137.0	136.6	138.5	137.0	132.2	126.8	120.0	118.5
67.5°	358.0	363.8	130.2	126.8	128.8	126.3	120.5	114.6	110.7	104.9	102.4
70°	317.5	136.1	118.0	117.5	114.1	110.2	103.9	98.0	93.2	90.7	88.3
72.5°	229.2	107.8	106.3	102.4	96.6	91.2	85.8	82.4	80.0	78.5	77.1
75°	95.6	93.6	89.2	82.4	76.6	74.1	70.2	67.8	66.8	63.9	62.9
77.5°	80.0	76.1	69.7	64.9	61.5	60.0	57.1	54.1	52.7	52.2	50.2
80°	61.5	56.1	53.2	50.7	49.7	46.3	42.9	41.5	40.5	40.0	38.5
82.5°	41.9	40.0	38.0	34.6	34.6	33.2	31.7	30.7	29.7	29.7	28.8
85°	27.3	25.8	25.4	23.9	23.9	22.9	22.4	21.9	21.5	21.0	20.5
87.5°	15.6	15.6	16.1	15.6	15.6	15.1	14.6	14.1	13.7	13.7	12.7
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1066.1	1071.0	1072.0	1088.6	1097.8	1097.3	1094.4	1103.2	1097.8	1094.9	1097.8
5°	1122.7	1128.5	1133.4	1151.5	1157.8	1160.7	1160.2	1165.1	1161.2	1157.8	1157.8
7.5°	1150.5	1152.4	1154.4	1150.0	1147.1	1142.2	1134.9	1124.2	1118.8	1112.9	1105.6
10°	1104.6	1098.3	1100.7	1092.0	1084.7	1079.3	1072.5	1063.7	1056.4	1051.0	1042.7
12.5°	1048.6	1048.1	1049.0	1050.5	1043.2	1038.8	1033.4	1027.1	1021.7	1015.9	1009.1
15°	1014.4	1014.9	1018.8	1017.3	1014.9	1012.5	1006.6	1004.7	999.8	993.4	989.5
17.5°	990.0	992.5	996.4	994.4	990.5	988.1	983.7	979.3	974.9	970.0	964.2
20°	968.6	971.0	973.5	971.0	963.7	960.3	954.4	940.8	931.0	921.3	912.5
22.5°	945.2	946.6	944.7	936.9	918.3	909.6	902.7	898.8	890.5	885.2	879.8
25°	915.9	907.6	894.9	886.2	878.8	874.9	872.0	871.5	870.5	869.6	867.1
27.5°	868.1	865.2	858.4	854.9	855.4	856.9	857.4	858.8	857.4	855.4	853.5
30°	832.5	834.0	834.5	835.4	837.9	839.3	839.8	841.8	840.8	839.3	838.4
32.5°	810.1	813.5	815.4	818.4	819.8	822.3	822.3	825.2	822.3	821.8	820.8
35°	791.5	794.5	795.4	799.8	801.3	803.7	803.7	806.2	803.7	778.9	615.0
37.5°	773.0	775.9	777.9	781.8	782.3	783.7	723.3	529.2	341.4	264.3	201.9
40°	751.1	754.5	756.4	757.9	532.6	338.0	232.6	189.2	189.2	190.7	192.2
42.5°	727.7	730.1	508.7	296.0	184.4	183.9	185.3	186.8	188.3	190.2	192.2
45°	572.1	288.7	183.4	179.0	180.4	182.4	184.4	186.3	188.7	190.7	191.7
47.5°	187.8	176.1	178.5	176.5	179.0	181.4	183.4	185.3	185.8	186.3	185.8
50°	173.6	173.6	175.1	175.1	177.0	178.0	178.0	178.0	176.1	175.6	174.1
52.5°	167.8	171.7	169.7	170.7	169.7	168.3	166.8	165.3	162.4	161.4	159.5
55°	164.8	166.3	161.4	160.0	158.0	154.1	152.2	150.2	147.8	146.8	144.4
57.5°	158.0	154.6	149.2	146.8	143.4	139.5	137.5	136.1	133.6	132.7	131.2
60°	145.3	138.5	135.1	132.2	128.3	124.9	123.4	122.4	120.5	120.0	118.5
62.5°	129.7	123.9	121.0	117.0	114.1	112.2	110.7	110.2	108.3	108.3	107.3
65°	112.7	109.7	107.3	103.4	101.9	100.0	99.5	99.0	98.0	97.5	96.6
67.5°	99.0	97.1	93.6	91.7	90.7	89.2	88.3	87.3	85.3	84.4	82.9
70°	86.8	85.3	81.9	80.5	78.5	76.1	74.6	73.6	72.2	71.2	69.7
72.5°	75.1	70.7	68.3	66.8	65.4	62.9	62.4	61.5	60.0	59.5	58.0
75°	60.5	57.1	55.6	54.6	53.2	51.7	51.7	51.7	50.2	49.7	49.3
77.5°	48.3	46.3	45.4	44.4	43.9	42.9	41.5	41.0	39.5	39.5	39.0
80°	37.1	36.1	35.1	34.6	34.1	33.2	32.2	31.7	30.2	30.2	29.7
82.5°	27.3	26.8	26.3	25.8	25.4	24.9	23.4	22.9	21.9	21.9	21.5
85°	19.5	19.0	18.0	17.6	17.6	17.1	15.6	15.1	14.1	14.1	14.1
87.5°	12.2	11.7	11.2	10.7	10.2	9.8	8.8	8.3	8.3	7.3	6.8
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1092.0	1100.3	1099.3	1105.1	1106.6	1109.5	1110.5	1111.0	1103.7	1109.5	1110.0
5°	1156.3	1157.8	1158.8	1161.2	1163.7	1164.1	1161.7	1158.8	1159.8	1157.8	1152.9
7.5°	1104.6	1097.3	1095.9	1093.9	1092.9	1092.0	1087.6	1091.5	1087.1	1085.1	1078.3
10°	1041.2	1034.4	1033.9	1033.9	1035.4	1034.9	1033.9	1032.0	1035.9	1033.4	1032.0
12.5°	1008.1	1005.6	1007.1	1006.1	1010.0	1011.0	1010.0	1010.0	1009.1	1007.1	1008.1
15°	988.1	986.1	987.6	986.1	989.1	989.5	987.1	988.6	986.1	983.7	982.7
17.5°	961.7	957.4	953.9	949.1	949.6	948.6	945.7	945.7	943.2	936.9	937.4
20°	911.0	906.6	904.7	904.7	907.1	908.1	907.6	908.6	906.2	905.2	901.3
22.5°	879.3	878.8	879.8	882.3	886.2	891.5	892.0	892.0	892.0	891.5	886.6
25°	868.1	868.1	869.1	872.5	875.4	879.3	880.3	881.3	880.3	880.3	875.9
27.5°	855.4	854.5	856.4	859.8	863.2	866.2	868.6	869.1	867.6	867.6	869.1
30°	839.8	839.3	841.8	845.2	848.1	851.0	853.5	855.4	853.5	853.5	852.0
32.5°	823.7	823.7	824.7	804.2	745.7	671.6	673.0	630.1	600.4	562.8	612.6
35°	514.0	374.1	321.4	272.1	237.5	215.1	214.6	207.3	203.9	201.4	200.9
37.5°	194.1	195.1	197.0	198.0	199.5	200.4	200.9	200.9	200.9	200.9	200.4
40°	193.6	195.6	197.0	198.5	200.0	200.9	200.9	201.4	201.9	201.9	201.9
42.5°	194.1	196.1	198.0	199.5	200.4	200.9	201.4	201.9	201.9	201.9	201.9
45°	193.6	194.6	194.6	195.1	195.1	195.1	195.6	195.6	195.1	194.6	195.6
47.5°	186.3	186.3	184.8	184.4	183.9	182.9	183.4	182.9	182.4	181.9	182.9
50°	173.6	171.7	170.7	169.7	169.2	168.3	168.7	168.3	167.8	166.8	168.3
52.5°	158.5	158.0	156.1	155.1	154.6	155.1	154.1	153.6	153.1	152.7	153.1
55°	143.9	141.9	141.4	140.5	140.0	140.5	140.0	139.5	139.0	138.5	139.0
57.5°	130.7	129.2	128.8	127.8	127.8	127.8	127.8	127.3	126.8	126.3	126.8
60°	118.0	117.0	116.6	116.6	116.1	116.1	116.1	115.6	115.1	115.1	115.6
62.5°	107.3	107.3	105.8	105.3	105.3	105.8	105.3	104.9	104.4	103.9	104.9
65°	96.1	94.1	93.6	92.7	91.7	92.2	91.7	91.2	90.7	90.2	91.2
67.5°	82.4	81.9	80.0	79.0	78.5	79.0	78.5	78.0	77.5	77.1	78.0
70°	69.3	69.3	67.3	66.8	66.3	66.3	65.8	65.8	65.4	64.9	65.8
72.5°	57.5	57.5	57.1	56.1	55.6	55.1	54.6	54.1	54.1	54.6	54.6
75°	47.8	46.8	44.9	45.4	44.9	44.4	44.4	43.9	43.4	44.4	43.9
77.5°	37.6	37.1	35.6	36.1	35.6	35.1	35.1	34.6	34.1	34.6	34.6
80°	28.3	28.3	27.8	27.3	27.3	26.8	26.3	26.3	25.8	26.3	26.3
82.5°	20.5	20.5	20.0	19.5	19.0	19.0	18.5	18.5	18.5	18.5	18.5
85°	13.2	12.7	12.7	11.7	11.7	11.7	11.2	11.2	11.2	11.2	11.2
87.5°	6.3	6.3	5.9	5.9	5.4	4.9	4.9	4.4	4.4	4.9	4.9
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1101.2	1107.6	1102.2	1104.6	1105.1	1113.4	1112.9	1114.9	1111.5	1107.6	1102.2
5°	1157.3	1154.4	1150.5	1159.8	1154.9	1160.7	1162.7	1166.6	1166.6	1166.1	1161.7
7.5°	1085.6	1079.3	1084.2	1087.6	1089.0	1085.1	1092.9	1101.7	1109.0	1113.4	1113.9
10°	1029.5	1031.5	1031.0	1032.5	1035.9	1035.4	1040.3	1045.1	1047.1	1050.0	1051.0
12.5°	1003.2	1002.7	1003.7	1007.1	1009.1	1008.6	1013.4	1016.4	1017.3	1017.8	1017.3
15°	982.2	978.8	981.3	981.7	983.2	983.2	989.1	993.4	995.4	996.4	995.4
17.5°	942.7	934.4	942.2	942.2	947.6	946.6	955.9	963.2	967.1	970.0	970.0
20°	903.7	899.8	902.7	901.8	905.7	905.2	911.0	915.9	919.3	921.8	924.7
22.5°	888.1	889.1	884.7	885.2	885.2	884.7	887.6	890.1	891.0	892.5	891.5
25°	877.9	878.8	877.4	874.9	874.0	874.9	876.4	879.3	879.8	878.8	875.4
27.5°	867.6	864.7	867.1	862.7	861.8	863.7	865.7	866.2	866.6	866.6	863.7
30°	852.0	849.6	852.0	850.1	848.1	850.1	851.5	851.5	852.5	853.0	849.6
32.5°	595.5	600.4	679.4	727.2	794.5	828.6	834.9	834.9	835.9	835.9	833.0
35°	202.9	203.4	220.0	238.5	278.0	326.8	390.6	423.8	536.0	670.1	799.8
37.5°	200.4	200.0	199.5	199.0	198.5	198.0	197.0	196.5	199.5	236.5	320.9
40°	201.4	200.9	200.0	199.5	199.0	198.0	197.5	196.5	195.6	194.6	193.6
42.5°	201.4	200.9	200.4	200.0	199.5	199.0	198.0	197.0	196.1	194.6	193.1
45°	194.6	194.6	195.1	195.1	195.6	195.6	195.6	195.1	195.1	194.6	192.6
47.5°	181.9	181.9	183.4	183.4	184.4	185.3	185.3	186.3	187.8	188.7	189.2
50°	167.3	167.3	168.7	169.2	170.2	171.7	173.1	173.6	175.1	177.0	179.0
52.5°	152.7	152.7	154.1	154.1	155.1	156.6	158.0	158.5	160.5	162.4	164.8
55°	139.0	139.0	140.0	140.5	140.9	141.9	143.4	143.4	145.3	146.8	149.2
57.5°	126.8	127.8	127.8	127.8	128.3	129.2	130.2	130.2	131.7	133.1	135.1
60°	115.1	116.1	116.1	116.1	116.6	117.0	118.0	118.0	119.0	120.0	121.9
62.5°	104.4	105.3	105.3	105.8	105.8	106.3	107.3	106.8	107.8	108.3	109.7
65°	90.7	91.7	92.2	92.7	93.2	94.1	95.6	95.1	96.6	97.5	99.0
67.5°	77.5	78.5	78.5	79.0	79.5	80.5	81.4	81.4	82.9	83.9	85.8
70°	65.4	66.3	66.3	66.8	67.3	68.3	69.3	68.8	70.2	71.2	72.7
72.5°	54.1	55.1	55.1	55.6	55.6	56.6	57.5	58.5	58.5	59.5	60.5
75°	43.9	44.4	44.9	44.9	45.4	45.8	46.8	47.8	48.3	48.8	49.7
77.5°	34.6	35.1	35.6	35.6	36.1	36.6	37.1	39.0	40.0	40.5	40.5
80°	26.3	26.8	26.8	26.8	27.3	27.8	28.8	28.8	30.7	30.7	31.2
82.5°	18.5	19.0	19.0	19.0	19.5	20.5	21.0	21.5	22.4	22.9	22.9
85°	11.2	11.7	11.7	11.7	12.2	12.7	13.7	14.1	14.6	14.6	15.1
87.5°	4.4	4.9	5.4	5.4	5.9	6.3	6.8	7.3	7.8	7.8	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: P#

CATALOG NUMBER: 2SNLED-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1096.4	1099.8	1096.4	1098.3	1100.7	1096.4	1086.1	1082.2	1080.7	1074.9	1071.0
5°	1157.3	1157.3	1155.9	1159.8	1159.3	1152.4	1141.7	1136.8	1132.0	1125.6	1120.7
7.5°	1113.9	1117.8	1120.3	1135.4	1145.1	1146.1	1152.9	1154.4	1156.3	1154.4	1151.5
10°	1051.5	1050.0	1056.9	1071.0	1079.3	1083.7	1096.8	1103.2	1108.5	1119.3	1130.5
12.5°	1016.4	1018.3	1021.2	1031.5	1039.3	1037.3	1042.7	1047.1	1053.4	1064.2	1080.3
15°	993.0	994.9	997.8	1005.6	1010.5	1008.1	1011.0	1013.9	1018.3	1023.7	1033.4
17.5°	967.6	971.0	974.4	982.7	987.1	986.6	989.1	990.0	991.5	994.9	1001.7
20°	928.1	938.8	945.7	956.9	963.2	962.2	966.6	968.1	970.0	973.5	976.4
22.5°	892.0	894.9	898.3	910.5	921.3	934.4	937.4	941.3	946.1	949.6	952.5
25°	871.5	869.6	871.0	879.3	885.2	886.2	890.5	903.2	916.4	922.2	929.1
27.5°	859.3	857.4	856.9	860.8	861.8	859.3	858.4	862.3	872.0	881.8	902.2
30°	846.2	843.7	841.8	845.2	846.7	843.2	836.9	833.5	839.3	841.8	850.1
32.5°	830.6	828.1	827.1	829.1	830.1	827.1	820.3	816.4	815.4	813.5	815.4
35°	813.0	810.6	809.1	809.6	811.5	809.1	803.2	798.4	795.9	790.6	786.7
37.5°	418.9	593.5	770.6	789.1	791.1	790.6	784.7	779.3	776.9	770.6	768.6
40°	191.7	214.1	321.4	419.9	605.7	769.6	764.2	758.9	754.5	752.5	745.2
42.5°	191.2	191.7	192.2	189.7	235.1	400.4	591.1	737.9	735.0	730.1	724.7
45°	191.2	188.7	190.7	187.8	188.7	188.3	234.6	378.5	673.5	703.8	701.3
47.5°	189.2	187.8	189.7	187.3	184.4	185.8	183.9	186.3	290.7	493.1	675.5
50°	180.4	181.4	184.8	184.4	181.9	183.9	180.4	183.4	180.9	198.5	382.4
52.5°	167.3	169.2	172.6	175.6	176.5	179.0	178.0	179.0	177.0	177.5	178.0
55°	151.7	154.1	157.0	161.4	163.4	167.3	170.2	171.7	174.1	173.6	169.7
57.5°	137.0	139.5	141.9	146.3	150.7	152.7	158.0	160.9	167.3	165.8	164.8
60°	123.4	125.3	127.8	128.8	134.1	137.5	142.4	145.3	153.6	155.6	158.5
62.5°	111.2	112.2	114.1	115.6	119.0	122.4	124.9	129.7	134.1	140.5	144.8
65°	100.0	101.0	102.4	103.4	103.9	108.8	110.2	115.6	117.0	123.9	127.8
67.5°	87.3	89.2	91.2	92.2	93.2	96.1	97.1	99.5	102.9	105.8	110.7
70°	74.1	75.6	77.5	79.0	81.0	82.9	85.8	87.3	89.7	91.7	95.6
72.5°	61.9	63.4	64.4	65.8	67.3	68.8	71.2	74.6	76.6	80.0	81.0
75°	50.2	51.7	52.7	53.6	55.1	56.1	57.1	60.5	62.4	65.4	68.3
77.5°	41.5	41.5	42.4	45.4	44.9	44.9	45.8	47.8	49.3	51.2	54.1
80°	32.2	32.7	33.2	35.6	36.1	36.6	36.1	37.6	39.0	39.5	41.5
82.5°	23.9	24.4	24.4	25.8	27.3	27.3	27.3	27.8	29.3	29.7	30.7
85°	16.1	16.6	17.1	17.6	18.5	19.0	19.5	19.5	20.5	21.0	21.5
87.5°	8.8	9.8	10.2	10.7	11.2	11.7	12.2	12.7	13.2	13.7	14.1
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1069.5	1067.1	1065.6	1061.7	1060.8	1054.4	1055.4	1054.4	1054.4	1055.9	1060.8
5°	1115.4	1103.7	1100.7	1092.5	1085.6	1073.9	1066.6	1062.7	1056.9	1054.4	1057.8
7.5°	1146.6	1137.8	1130.5	1123.2	1113.4	1099.8	1089.5	1077.8	1068.1	1058.8	1056.4
10°	1141.2	1151.0	1151.0	1146.6	1137.3	1123.7	1111.5	1096.8	1079.8	1065.1	1056.4
12.5°	1095.9	1112.9	1126.6	1136.8	1146.1	1136.8	1124.6	1112.9	1093.9	1072.5	1056.4
15°	1046.1	1063.7	1080.7	1102.2	1124.6	1133.9	1133.4	1119.8	1102.7	1080.3	1057.8
17.5°	1011.0	1023.2	1032.5	1055.9	1083.2	1107.1	1123.2	1124.2	1107.6	1087.6	1058.3
20°	984.7	993.4	1001.3	1014.4	1038.3	1067.6	1097.3	1113.9	1111.0	1089.0	1059.8
22.5°	960.8	967.1	973.5	983.2	1002.2	1021.2	1055.9	1090.0	1104.6	1086.6	1058.3
25°	936.9	943.7	948.6	955.4	970.5	986.1	1010.5	1052.9	1085.6	1084.7	1055.4
27.5°	908.6	917.9	923.7	933.0	943.2	954.9	971.5	1011.5	1058.3	1074.9	1047.6
30°	874.5	888.1	896.9	907.1	915.9	926.1	939.3	963.7	1021.7	1055.9	1039.3
32.5°	825.2	849.6	869.1	878.8	888.6	897.4	909.1	929.6	976.9	1030.0	1030.0
35°	790.1	801.3	818.9	847.1	859.3	868.1	878.8	894.9	925.2	999.3	1014.9
37.5°	762.8	767.2	775.9	803.7	826.7	840.8	851.5	861.8	891.5	957.4	995.4
40°	742.3	740.8	739.8	753.0	785.7	808.1	820.3	830.6	853.5	907.1	969.6
42.5°	718.4	716.9	712.0	715.5	731.6	769.1	787.6	798.9	817.9	854.5	941.3
45°	693.5	691.1	689.1	685.7	691.6	712.5	750.6	767.2	777.9	810.6	905.7
47.5°	668.2	664.7	662.3	659.4	656.0	665.7	701.8	731.6	750.1	770.6	862.7
50°	632.1	636.5	633.5	630.1	627.2	625.2	640.4	689.1	712.0	728.6	810.6
52.5°	298.0	579.4	603.8	600.4	596.5	593.0	596.5	633.5	675.0	688.1	747.6
55°	169.7	258.0	537.0	567.7	564.3	559.4	556.5	569.1	631.1	648.6	690.1
57.5°	163.4	163.9	237.0	511.6	530.6	526.2	522.8	525.7	578.4	608.2	639.9
60°	158.0	158.0	158.0	226.3	489.2	490.6	486.2	481.4	504.3	562.8	589.1
62.5°	146.3	149.2	150.7	150.7	223.4	453.1	448.7	447.2	448.2	508.2	538.4
65°	131.2	138.0	140.9	142.9	142.9	234.6	410.2	407.7	404.3	427.2	487.2
67.5°	114.6	121.4	127.8	131.7	132.2	136.6	244.8	367.2	362.4	362.9	432.6
70°	97.5	103.4	110.2	116.1	121.4	123.9	127.8	304.8	320.9	314.1	370.7
72.5°	84.4	86.8	91.7	97.5	103.9	109.7	113.1	121.4	278.5	271.2	281.9
75°	70.2	72.2	75.6	79.5	84.4	91.2	97.1	102.9	147.8	227.3	225.8
77.5°	54.6	58.0	61.9	64.4	66.8	71.7	79.5	85.3	91.2	153.6	180.9
80°	41.9	44.4	46.3	48.8	51.7	55.1	58.0	64.9	71.7	77.1	138.5
82.5°	31.2	32.7	34.1	35.1	36.1	38.0	43.4	45.8	50.2	55.1	65.4
85°	21.9	22.9	23.9	24.4	24.9	25.4	27.3	27.8	32.2	33.2	39.5
87.5°	14.1	14.6	15.6	16.1	16.1	16.6	17.1	17.1	17.1	16.1	19.5
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-LD5-25SL-RW-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1064.2	1064.2
2.5°	1064.7	1072.5
5°	1063.2	1073.4
7.5°	1059.3	1069.0
10°	1053.4	1065.1
12.5°	1047.1	1058.3
15°	1041.7	1050.0
17.5°	1035.9	1040.8
20°	1028.1	1032.0
22.5°	1020.3	1018.3
25°	1011.5	1007.1
27.5°	1000.3	992.0
30°	990.0	975.4
32.5°	980.3	956.4
35°	967.1	936.9
37.5°	953.5	916.9
40°	937.4	894.0
42.5°	920.3	871.0
45°	898.8	849.1
47.5°	879.8	822.8
50°	853.5	794.5
52.5°	821.3	768.1
55°	783.3	735.9
57.5°	742.3	702.3
60°	698.4	663.8
62.5°	645.2	623.8
65°	582.8	577.9
67.5°	501.4	527.2
70°	411.1	469.2
72.5°	343.8	407.7
75°	281.9	339.0
77.5°	223.4	265.8
80°	139.5	194.6
82.5°	93.6	127.8
85°	56.6	61.0
87.5°	21.9	22.4
90°	0.0	0.0

(END OF REPORT)