

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: **8SNLED-LD5-75SL-LC-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 (P33518)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

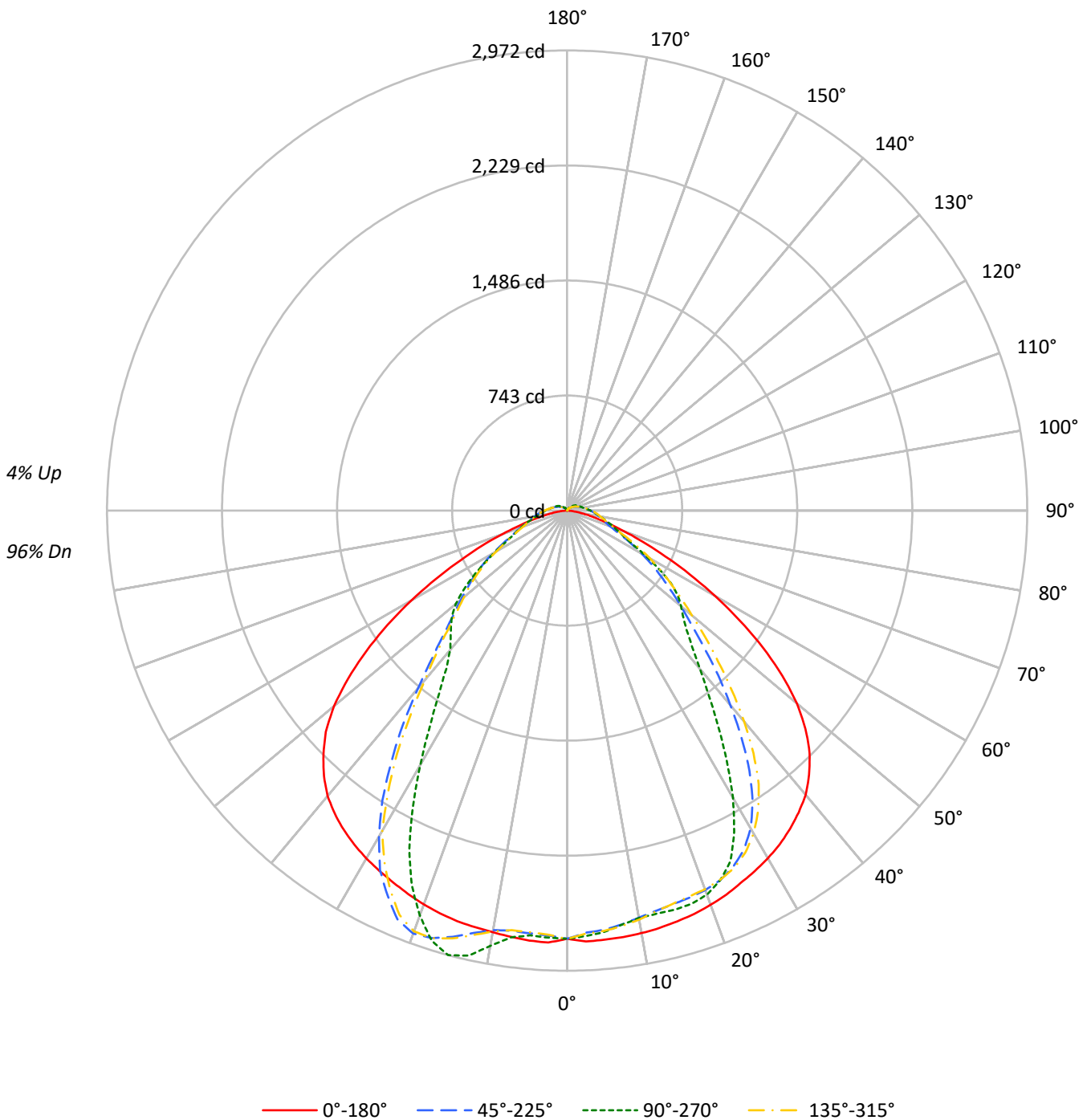
Lumens per Lamp: N/A
Luminaire Lumens: 6592.0 lumens
Efficiency: N/A
Efficacy: 119.9 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 55
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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CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96				
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82				
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71				
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61				
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54				
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47				
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42				
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38				
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34				
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31				
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11173	11173	11173	11173
5°	11269	10730	11293	10814
10°	11337	10283	11314	10981
15°	11441	10146	11435	11297
20°	11584	9985	11572	10525
25°	11746	9473	11739	9153
30°	11987	8210	11993	7273
35°	12244	6639	12279	5618
40°	12478	5345	12530	4709
45°	12464	4528	12528	4409
50°	11961	4168	12128	4076
55°	10649	3747	10915	3406
60°	8675	2868	9136	2630
65°	6488	2194	6990	2081
70°	4449	1894	5016	1811
75°	2950	1709	3434	1616
80°	1954	1593	2289	1466
85°	1066	1590	1404	1452



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.7	4.0
10°-20°	781.5	11.9
20°-30°	1188.1	18.0
30°-40°	1274.6	19.3
40°-50°	1106.2	16.8
50°-60°	819.8	12.4
60°-70°	469.7	7.1
70°-80°	260.1	3.9
80°-90°	158.4	2.4
90°-100°	103.0	1.6
100°-110°	69.0	1.0
110°-120°	46.6	0.7
120°-130°	28.6	0.4
130°-140°	15.0	0.2
140°-150°	6.9	0.1
150°-160°	2.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2232.3	33.9
0°-40°	3506.8	53.2
0°-60°	5432.8	82.4
0°-90°	6321.0	95.9
90°-120°	218.6	3.3
90°-150°	269.0	4.1
90°-180°	271.0	4.1
0°-180°	6592.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2765	2765	2765	2765	2765	
5°	2782	2732	2788	2754	2782	265
15°	2747	2670	2745	2972	2747	777
25°	2654	2497	2652	2412	2654	1227
35°	2510	1700	2517	1438	2510	1571
45°	2215	1090	2227	1061	2215	1696
55°	1545	817	1584	743	1545	1370
65°	701	414	756	393	701	707
75°	200	263	233	248	200	228
85°	27	181	36	166	27	36
90°	0	151	3	140	0	1
95°	1	124	0	118	1	1
105°	1	93	1	89	1	1
115°	1	76	1	69	1	1
125°	1	57	1	47	1	1
135°	1	36	1	30	1	1
145°	1	21	3	17	1	1
155°	3	10	3	9	3	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P#

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2785.2	2778.0	2775.2	2769.5	2773.7	2790.9	2779.5	2760.9	2762.3	2729.5	2746.6
5°	2782.3	2773.7	2769.5	2763.7	2766.6	2782.3	2770.9	2752.3	2750.9	2718.0	2733.8
7.5°	2778.0	2769.5	2762.3	2758.0	2759.5	2772.3	2758.0	2736.6	2732.3	2696.6	2710.9
10°	2770.9	2765.2	2755.2	2748.0	2746.6	2760.9	2738.0	2716.6	2706.6	2669.5	2683.8
12.5°	2760.9	2752.3	2742.3	2729.5	2728.0	2736.6	2718.0	2688.0	2678.1	2648.1	2663.8
15°	2746.6	2736.6	2725.2	2710.9	2703.8	2709.5	2686.6	2659.5	2658.1	2632.3	2653.8
17.5°	2730.9	2716.6	2703.8	2683.8	2673.8	2678.1	2659.5	2635.2	2638.1	2622.3	2646.6
20°	2709.5	2693.8	2673.8	2653.8	2639.5	2646.6	2633.8	2615.2	2619.5	2608.1	2629.5
22.5°	2685.2	2663.8	2639.5	2616.6	2605.2	2615.2	2605.2	2589.5	2590.9	2583.8	2596.6
25°	2653.8	2629.5	2600.9	2572.4	2566.6	2573.8	2568.1	2555.2	2549.5	2538.1	2543.8
27.5°	2625.2	2598.1	2562.4	2532.4	2522.4	2536.6	2523.8	2502.4	2486.7	2470.9	2459.5
30°	2592.4	2559.5	2519.5	2485.2	2476.7	2482.4	2463.8	2431.0	2389.5	2369.5	2338.1
32.5°	2556.6	2513.8	2463.8	2425.2	2419.5	2415.2	2381.0	2333.8	2269.6	2229.6	2181.0
35°	2509.5	2462.4	2402.4	2355.3	2346.7	2322.4	2266.7	2203.9	2121.0	2052.5	1969.6
37.5°	2456.7	2401.0	2338.1	2275.3	2251.0	2202.4	2123.9	2058.2	1932.5	1849.6	1749.7
40°	2396.7	2329.5	2252.4	2176.7	2136.7	2058.2	1968.2	1871.1	1749.7	1638.3	1554.0
42.5°	2313.8	2242.4	2151.0	2066.7	1998.2	1893.9	1788.2	1651.1	1539.7	1445.4	1359.7
45°	2215.3	2129.6	2023.9	1922.5	1835.4	1711.1	1586.8	1449.7	1356.9	1246.9	1188.3
47.5°	2088.2	1995.3	1882.5	1769.7	1655.4	1518.3	1388.3	1256.9	1164.1	1085.5	1042.7
50°	1938.2	1852.5	1728.2	1594.0	1468.3	1325.5	1195.5	1096.9	1006.9	958.4	925.5
52.5°	1752.5	1672.5	1545.4	1399.7	1278.3	1138.4	1019.8	939.8	875.5	839.8	828.4
55°	1545.4	1475.4	1349.7	1214.0	1089.8	961.2	871.3	801.3	759.9	738.4	739.9
57.5°	1324.0	1269.8	1151.2	1029.8	912.7	815.6	734.1	678.4	647.0	645.6	649.9
60°	1102.6	1062.7	959.8	855.5	752.7	674.2	614.2	575.6	555.6	557.0	555.6
62.5°	891.3	854.1	779.8	694.2	612.7	559.9	505.6	489.9	472.8	471.3	471.3
65°	701.3	672.7	612.7	551.3	489.9	455.6	428.5	409.9	397.1	394.2	395.6
67.5°	527.0	515.6	474.2	432.8	394.2	372.8	349.9	345.6	335.6	335.6	338.5
70°	392.8	384.2	361.4	337.1	321.4	307.1	295.7	295.7	294.2	292.8	299.9
72.5°	284.2	285.7	278.5	259.9	258.5	255.7	252.8	257.1	258.5	262.8	271.4
75°	200.0	204.2	204.2	201.4	207.1	214.2	218.5	225.7	234.2	240.0	250.0
77.5°	141.4	141.4	148.5	157.1	168.5	181.4	192.8	202.8	214.2	221.4	230.0
80°	91.4	95.7	107.1	122.8	138.5	155.7	171.4	184.2	195.7	207.1	212.8
82.5°	54.3	61.4	75.7	95.7	115.7	137.1	152.8	168.5	181.4	192.8	197.1
85°	27.1	37.1	54.3	75.7	97.1	120.0	140.0	154.3	168.5	178.5	184.2
87.5°	8.6	20.0	38.6	58.6	81.4	104.3	125.7	141.4	154.3	162.8	168.5
90°	0.0	10.0	27.1	48.6	70.0	92.8	112.8	130.0	142.8	150.0	154.3
92.5°	0.0	5.7	21.4	40.0	60.0	82.8	102.8	118.5	130.0	137.1	140.0
95°	1.4	4.3	15.7	32.9	52.8	74.3	92.8	107.1	118.5	125.7	127.1
97.5°	1.4	2.9	12.9	27.1	45.7	65.7	84.3	98.6	107.1	114.3	115.7
100°	1.4	2.9	10.0	24.3	40.0	58.6	75.7	88.6	98.6	104.3	105.7
102.5°	1.4	1.4	8.6	20.0	35.7	51.4	67.1	80.0	88.6	94.3	97.1
105°	1.4	1.4	7.1	17.1	31.4	45.7	60.0	72.8	80.0	85.7	88.6
107.5°	1.4	1.4	5.7	14.3	27.1	40.0	54.3	64.3	72.8	78.6	81.4
110°	1.4	1.4	4.3	12.9	22.9	35.7	47.1	57.1	65.7	71.4	74.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.4	1.4	4.3	11.4	20.0	31.4	41.4	51.4	58.6	64.3	68.6
115°	1.4	1.4	4.3	10.0	18.6	27.1	37.1	45.7	52.8	58.6	62.8
117.5°	1.4	1.4	4.3	8.6	15.7	24.3	32.9	41.4	47.1	52.8	57.1
120°	1.4	1.4	2.9	7.1	14.3	21.4	28.6	35.7	42.8	48.6	52.8
122.5°	1.4	1.4	2.9	7.1	11.4	18.6	25.7	31.4	38.6	42.8	47.1
125°	1.4	1.4	2.9	5.7	10.0	17.1	22.9	28.6	32.9	38.6	42.8
127.5°	1.4	1.4	2.9	5.7	8.6	14.3	20.0	25.7	30.0	34.3	37.1
130°	1.4	1.4	2.9	4.3	7.1	11.4	17.1	21.4	27.1	30.0	32.9
132.5°	1.4	1.4	1.4	4.3	5.7	8.6	12.9	18.6	22.9	27.1	28.6
135°	1.4	1.4	1.4	2.9	5.7	7.1	10.0	14.3	18.6	22.9	25.7
137.5°	1.4	1.4	1.4	2.9	4.3	7.1	8.6	11.4	15.7	18.6	22.9
140°	1.4	1.4	1.4	2.9	4.3	5.7	7.1	10.0	12.9	15.7	18.6
142.5°	1.4	1.4	1.4	2.9	2.9	4.3	5.7	8.6	10.0	12.9	15.7
145°	1.4	1.4	1.4	2.9	2.9	4.3	5.7	7.1	8.6	10.0	12.9
147.5°	1.4	1.4	1.4	2.9	2.9	2.9	4.3	5.7	7.1	8.6	10.0
150°	2.9	2.9	2.9	2.9	2.9	2.9	4.3	4.3	5.7	7.1	8.6
152.5°	2.9	2.9	2.9	2.9	2.9	2.9	4.3	4.3	4.3	5.7	7.1
155°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	4.3	4.3	5.7	5.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2740.9	2743.8	2760.9	2759.5	2756.6	2753.8	2753.8	2750.9	2753.8	2760.9	2758.0
5°	2726.6	2730.9	2743.8	2742.3	2739.5	2738.0	2736.6	2732.3	2735.2	2745.2	2742.3
7.5°	2700.9	2705.2	2716.6	2710.9	2706.6	2709.5	2702.3	2698.0	2703.8	2713.8	2712.3
10°	2673.8	2676.6	2690.9	2688.0	2680.9	2682.3	2675.2	2672.3	2679.5	2685.2	2686.6
12.5°	2655.2	2665.2	2678.1	2676.6	2675.2	2676.6	2669.5	2666.6	2670.9	2676.6	2675.2
15°	2650.9	2663.8	2678.1	2678.1	2679.5	2680.9	2673.8	2669.5	2673.8	2678.1	2676.6
17.5°	2646.6	2662.3	2675.2	2673.8	2675.2	2678.1	2666.6	2663.8	2669.5	2675.2	2672.3
20°	2632.3	2646.6	2655.2	2652.3	2652.3	2653.8	2639.5	2639.5	2648.1	2652.3	2653.8
22.5°	2592.4	2609.5	2609.5	2602.4	2602.4	2596.6	2592.4	2583.8	2593.8	2600.9	2606.6
25°	2532.4	2539.5	2530.9	2515.2	2506.7	2499.5	2479.5	2496.7	2496.7	2518.1	2525.2
27.5°	2448.1	2432.4	2408.1	2375.3	2368.1	2345.3	2332.4	2336.7	2343.8	2373.8	2396.7
30°	2309.6	2262.4	2221.0	2206.7	2175.3	2152.4	2129.6	2141.0	2153.9	2171.0	2218.1
32.5°	2126.7	2081.0	2013.9	1989.6	1956.8	1928.2	1901.1	1918.2	1941.1	1952.5	2003.9
35°	1916.8	1862.5	1801.1	1759.7	1725.4	1709.7	1675.4	1699.7	1724.0	1732.5	1776.8
37.5°	1694.0	1638.3	1584.0	1548.3	1515.4	1505.4	1482.6	1499.7	1518.3	1531.1	1568.3
40°	1482.6	1431.2	1389.7	1365.4	1342.6	1334.0	1325.5	1332.6	1346.9	1356.9	1385.4
42.5°	1301.2	1259.8	1231.2	1216.9	1201.2	1189.8	1191.2	1194.1	1201.2	1222.6	1235.5
45°	1142.6	1118.4	1099.8	1096.9	1086.9	1085.5	1084.1	1089.8	1094.1	1106.9	1116.9
47.5°	1015.5	1005.5	1001.2	1006.9	1011.2	1005.5	1008.4	1015.5	1024.1	1024.1	1022.7
50°	915.5	918.4	924.1	937.0	945.5	948.4	951.2	959.8	961.2	964.1	959.8
52.5°	834.1	837.0	852.7	872.7	882.7	887.0	892.7	901.3	901.3	904.1	898.4
55°	751.3	755.6	771.3	791.3	799.8	805.6	811.3	817.0	821.3	827.0	822.7
57.5°	659.9	672.7	682.7	688.4	694.2	698.4	702.7	704.1	712.7	714.1	721.3
60°	562.7	565.6	575.6	574.2	569.9	581.3	575.6	585.6	595.6	608.5	609.9
62.5°	469.9	471.3	478.5	475.6	481.3	479.9	484.2	484.2	491.3	497.0	504.2
65°	397.1	398.5	404.2	404.2	402.8	407.1	411.3	414.2	414.2	418.5	424.2
67.5°	342.8	347.1	352.8	355.6	358.5	358.5	362.8	364.2	367.1	368.5	371.4
70°	305.7	311.4	317.1	319.9	321.4	324.2	325.7	325.7	328.5	329.9	332.8
72.5°	278.5	284.2	288.5	288.5	291.4	292.8	292.8	294.2	295.7	298.5	301.4
75°	255.7	259.9	262.8	261.4	261.4	261.4	262.8	262.8	265.7	268.5	271.4
77.5°	234.2	238.5	238.5	235.7	235.7	235.7	235.7	237.1	238.5	241.4	244.2
80°	218.5	218.5	217.1	217.1	214.2	212.8	212.8	214.2	214.2	217.1	221.4
82.5°	201.4	201.4	200.0	198.5	197.1	195.7	195.7	197.1	198.5	200.0	202.8
85°	185.7	185.7	182.8	182.8	181.4	181.4	181.4	181.4	182.8	184.2	187.1
87.5°	170.0	168.5	167.1	165.7	165.7	165.7	165.7	165.7	167.1	170.0	171.4
90°	154.3	152.8	151.4	151.4	150.0	150.0	151.4	151.4	152.8	154.3	155.7
92.5°	140.0	138.5	137.1	137.1	135.7	135.7	137.1	135.7	138.5	138.5	140.0
95°	127.1	125.7	124.3	124.3	124.3	124.3	124.3	124.3	125.7	125.7	127.1
97.5°	115.7	114.3	112.8	112.8	114.3	112.8	114.3	114.3	114.3	115.7	117.1
100°	105.7	104.3	104.3	105.7	104.3	104.3	105.7	105.7	105.7	105.7	107.1
102.5°	97.1	97.1	97.1	97.1	97.1	97.1	98.6	98.6	98.6	98.6	100.0
105°	88.6	90.0	90.0	90.0	91.4	91.4	91.4	92.8	92.8	92.8	92.8
107.5°	82.8	84.3	84.3	85.7	85.7	87.1	87.1	87.1	87.1	88.6	88.6
110°	77.1	78.6	80.0	81.4	81.4	82.8	82.8	82.8	82.8	82.8	82.8



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	71.4	72.8	74.3	77.1	78.6	78.6	78.6	78.6	80.0	80.0	78.6
115°	65.7	68.6	70.0	72.8	74.3	74.3	75.7	75.7	75.7	75.7	74.3
117.5°	60.0	64.3	65.7	68.6	70.0	70.0	71.4	71.4	71.4	71.4	70.0
120°	55.7	58.6	61.4	62.8	64.3	65.7	65.7	67.1	67.1	67.1	65.7
122.5°	51.4	54.3	57.1	58.6	60.0	61.4	61.4	61.4	61.4	61.4	61.4
125°	45.7	48.6	51.4	52.8	54.3	55.7	55.7	57.1	57.1	57.1	55.7
127.5°	41.4	44.3	45.7	48.6	50.0	50.0	51.4	51.4	51.4	51.4	50.0
130°	35.7	38.6	41.4	42.8	44.3	44.3	45.7	45.7	45.7	45.7	45.7
132.5°	31.4	34.3	35.7	38.6	38.6	40.0	40.0	41.4	41.4	41.4	40.0
135°	28.6	30.0	31.4	34.3	34.3	35.7	35.7	35.7	35.7	35.7	35.7
137.5°	25.7	27.1	28.6	30.0	30.0	31.4	31.4	31.4	31.4	32.9	31.4
140°	21.4	24.3	25.7	25.7	27.1	27.1	27.1	28.6	28.6	28.6	27.1
142.5°	18.6	20.0	21.4	22.9	24.3	24.3	24.3	24.3	25.7	24.3	24.3
145°	14.3	17.1	18.6	20.0	21.4	21.4	21.4	21.4	21.4	21.4	21.4
147.5°	11.4	12.9	15.7	17.1	17.1	18.6	18.6	18.6	18.6	18.6	18.6
150°	10.0	10.0	12.9	14.3	15.7	15.7	15.7	15.7	15.7	15.7	15.7
152.5°	7.1	8.6	10.0	11.4	12.9	12.9	12.9	12.9	12.9	12.9	12.9
155°	7.1	7.1	8.6	8.6	10.0	10.0	10.0	10.0	11.4	10.0	10.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2753.8	2752.3	2758.0	2752.3	2723.8	2735.2	2730.9	2746.6	2748.0	2752.3	2766.6
5°	2739.5	2739.5	2746.6	2740.9	2713.8	2725.2	2723.8	2739.5	2742.3	2745.2	2760.9
7.5°	2710.9	2712.3	2722.3	2718.0	2689.5	2706.6	2705.2	2723.8	2729.5	2735.2	2749.5
10°	2683.8	2682.3	2693.8	2689.5	2662.3	2682.3	2680.9	2699.5	2708.0	2718.0	2735.2
12.5°	2669.5	2665.2	2669.5	2665.2	2635.2	2650.9	2652.3	2673.8	2683.8	2696.6	2716.6
15°	2669.5	2662.3	2662.3	2653.8	2619.5	2629.5	2630.9	2645.2	2658.1	2670.9	2695.2
17.5°	2666.6	2659.5	2658.1	2650.9	2613.8	2613.8	2612.3	2622.3	2629.5	2642.3	2668.1
20°	2650.9	2648.1	2646.6	2642.3	2608.1	2602.4	2599.5	2599.5	2603.8	2608.1	2633.8
22.5°	2609.5	2612.3	2615.2	2618.1	2590.9	2580.9	2582.4	2579.5	2575.2	2575.2	2596.6
25°	2532.4	2546.6	2558.1	2570.9	2555.2	2548.1	2556.6	2552.4	2545.2	2539.5	2558.1
27.5°	2409.5	2439.5	2463.8	2495.2	2496.7	2490.9	2513.8	2510.9	2509.5	2500.9	2515.2
30°	2239.6	2286.7	2319.5	2365.3	2403.8	2409.5	2448.1	2453.8	2459.5	2455.2	2469.5
32.5°	2033.9	2098.2	2153.9	2225.3	2262.4	2295.3	2349.5	2372.4	2395.2	2402.4	2418.1
35°	1809.6	1882.5	1948.2	2026.7	2085.3	2156.7	2222.4	2256.7	2308.1	2328.1	2351.0
37.5°	1596.8	1665.4	1729.7	1808.2	1902.5	1976.8	2058.2	2135.3	2205.3	2233.9	2268.1
40°	1408.3	1464.0	1525.4	1594.0	1679.7	1776.8	1865.4	1972.5	2055.3	2112.4	2162.4
42.5°	1265.5	1292.6	1345.5	1406.9	1475.4	1574.0	1664.0	1783.9	1883.9	1965.3	2048.2
45°	1138.4	1151.2	1189.8	1222.6	1292.6	1379.7	1475.4	1592.5	1696.8	1801.1	1901.1
47.5°	1029.8	1045.5	1064.1	1084.1	1134.1	1206.9	1289.7	1395.4	1499.7	1621.1	1735.4
50°	957.0	961.2	964.1	972.7	1002.7	1052.7	1119.8	1209.8	1309.7	1439.7	1561.1
52.5°	892.7	892.7	884.1	879.8	891.3	922.7	961.2	1025.5	1128.4	1248.3	1376.9
55°	824.1	811.3	808.4	794.1	797.0	811.3	829.8	879.8	964.1	1066.9	1191.2
57.5°	728.4	722.7	722.7	717.0	705.6	712.7	717.0	752.7	812.7	901.3	1009.8
60°	618.5	615.6	622.7	624.2	614.2	618.5	617.0	638.4	681.3	752.7	842.7
62.5°	508.5	521.3	522.8	528.5	522.8	521.3	528.5	547.0	568.5	622.7	692.7
65°	427.1	434.2	435.6	442.8	439.9	439.9	445.6	459.9	472.8	509.9	564.2
67.5°	374.2	371.4	372.8	377.1	372.8	371.4	375.6	384.2	394.2	417.1	455.6
70°	332.8	329.9	329.9	329.9	324.2	319.9	321.4	324.2	328.5	341.4	365.6
72.5°	301.4	301.4	297.1	292.8	288.5	285.7	282.8	279.9	278.5	282.8	295.7
75°	272.8	274.2	272.8	268.5	262.8	257.1	251.4	245.7	238.5	235.7	237.1
77.5°	247.1	248.5	250.0	248.5	242.8	235.7	227.1	218.5	208.5	198.5	192.8
80°	224.2	227.1	228.5	227.1	222.8	217.1	207.1	197.1	182.8	170.0	155.7
82.5°	204.2	208.5	210.0	210.0	207.1	201.4	190.0	178.5	162.8	145.7	127.1
85°	188.5	191.4	194.2	194.2	192.8	187.1	175.7	162.8	147.1	127.1	107.1
87.5°	172.8	174.3	177.1	180.0	177.1	171.4	161.4	147.1	131.4	111.4	88.6
90°	157.1	158.5	161.4	164.3	162.8	157.1	148.5	135.7	118.5	97.1	74.3
92.5°	141.4	144.3	145.7	147.1	148.5	144.3	137.1	124.3	107.1	85.7	64.3
95°	130.0	130.0	132.8	134.3	135.7	131.4	125.7	112.8	97.1	77.1	55.7
97.5°	118.5	118.5	121.4	121.4	122.8	120.0	114.3	102.8	87.1	68.6	47.1
100°	107.1	108.6	110.0	111.4	111.4	110.0	104.3	92.8	78.6	61.4	41.4
102.5°	100.0	100.0	101.4	101.4	102.8	100.0	94.3	84.3	70.0	54.3	35.7
105°	92.8	92.8	94.3	94.3	92.8	90.0	84.3	75.7	62.8	47.1	31.4
107.5°	87.1	87.1	87.1	87.1	85.7	82.8	77.1	67.1	55.7	42.8	28.6
110°	82.8	81.4	81.4	80.0	78.6	74.3	68.6	60.0	50.0	37.1	24.3



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	78.6	77.1	75.7	74.3	71.4	67.1	61.4	54.3	44.3	32.9	21.4
115°	74.3	72.8	71.4	68.6	65.7	61.4	55.7	48.6	38.6	28.6	18.6
117.5°	70.0	68.6	65.7	62.8	60.0	55.7	50.0	42.8	34.3	25.7	17.1
120°	64.3	62.8	61.4	58.6	55.7	50.0	44.3	38.6	30.0	22.9	14.3
122.5°	60.0	58.6	55.7	54.3	50.0	45.7	40.0	34.3	27.1	20.0	12.9
125°	54.3	52.8	51.4	48.6	45.7	40.0	35.7	30.0	24.3	17.1	10.0
127.5°	50.0	48.6	45.7	42.8	40.0	35.7	31.4	27.1	21.4	14.3	10.0
130°	44.3	42.8	41.4	38.6	35.7	31.4	28.6	22.9	18.6	12.9	8.6
132.5°	38.6	38.6	37.1	34.3	31.4	28.6	24.3	20.0	15.7	11.4	7.1
135°	35.7	34.3	32.9	30.0	28.6	24.3	21.4	17.1	12.9	10.0	5.7
137.5°	31.4	30.0	28.6	27.1	24.3	21.4	18.6	14.3	11.4	8.6	5.7
140°	27.1	25.7	25.7	22.9	21.4	18.6	15.7	12.9	10.0	7.1	4.3
142.5°	24.3	22.9	21.4	20.0	18.6	15.7	12.9	10.0	8.6	5.7	4.3
145°	21.4	20.0	18.6	17.1	15.7	12.9	11.4	8.6	7.1	5.7	4.3
147.5°	17.1	17.1	15.7	14.3	12.9	11.4	10.0	8.6	5.7	4.3	2.9
150°	14.3	14.3	12.9	11.4	11.4	10.0	8.6	7.1	5.7	4.3	2.9
152.5°	12.9	11.4	11.4	10.0	10.0	8.6	7.1	5.7	4.3	4.3	2.9
155°	10.0	10.0	10.0	8.6	8.6	7.1	5.7	5.7	4.3	2.9	2.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2769.5	2752.3	2766.6	2792.3	2789.5	2786.6	2783.7	2789.5	2808.0	2798.0	2782.3
5°	2765.2	2748.0	2763.7	2788.0	2786.6	2782.3	2779.5	2785.2	2803.7	2793.7	2776.6
7.5°	2756.6	2740.9	2752.3	2776.6	2776.6	2773.7	2770.9	2776.6	2793.7	2785.2	2768.0
10°	2742.3	2730.9	2742.3	2765.2	2766.6	2760.9	2758.0	2765.2	2782.3	2778.0	2763.7
12.5°	2730.9	2719.5	2732.3	2755.2	2756.6	2750.9	2746.6	2755.2	2778.0	2780.9	2776.6
15°	2715.2	2705.2	2720.9	2745.2	2745.2	2740.9	2740.9	2752.3	2783.7	2796.6	2803.7
17.5°	2692.3	2685.2	2703.8	2728.0	2729.5	2726.6	2728.0	2750.9	2792.3	2823.7	2843.7
20°	2663.8	2660.9	2680.9	2706.6	2710.9	2712.3	2719.5	2753.8	2810.9	2853.7	2873.7
22.5°	2629.5	2630.9	2653.8	2680.9	2686.6	2690.9	2705.2	2753.8	2825.2	2870.9	2879.4
25°	2590.9	2595.2	2619.5	2652.3	2659.5	2668.1	2692.3	2755.2	2829.5	2859.4	2845.2
27.5°	2549.5	2558.1	2589.5	2623.8	2632.3	2646.6	2678.1	2746.6	2809.5	2810.9	2758.0
30°	2506.7	2516.7	2553.8	2593.8	2608.1	2622.3	2660.9	2726.6	2760.9	2715.2	2622.3
32.5°	2458.1	2472.4	2509.5	2558.1	2575.2	2593.8	2632.3	2688.0	2675.2	2576.6	2443.8
35°	2396.7	2416.7	2459.5	2516.7	2532.4	2556.6	2583.8	2596.6	2539.5	2399.5	2249.6
37.5°	2321.0	2351.0	2401.0	2466.7	2483.8	2499.5	2506.7	2470.9	2356.7	2205.3	2049.6
40°	2233.9	2279.6	2333.8	2406.7	2423.8	2423.8	2398.1	2322.4	2178.1	1979.6	1806.8
42.5°	2128.2	2183.9	2252.4	2325.3	2342.4	2322.4	2261.0	2128.2	1963.9	1742.5	1559.7
45°	1999.6	2073.9	2151.0	2226.7	2235.3	2191.0	2081.0	1912.5	1709.7	1504.0	1329.7
47.5°	1846.8	1943.9	2028.2	2113.9	2102.4	2028.2	1881.1	1689.7	1475.4	1281.2	1141.2
50°	1675.4	1789.7	1883.9	1965.3	1941.1	1838.2	1665.4	1465.4	1252.6	1086.9	971.2
52.5°	1492.6	1624.0	1718.2	1783.9	1751.1	1628.3	1438.3	1246.9	1072.6	921.2	844.1
55°	1302.6	1435.4	1532.6	1584.0	1541.1	1408.3	1221.2	1046.9	882.7	784.1	738.4
57.5°	1118.4	1242.6	1334.0	1375.4	1321.2	1188.3	1015.5	868.4	749.9	667.0	644.2
60°	941.2	1042.7	1129.8	1161.2	1102.6	979.8	831.3	714.1	627.0	569.9	558.5
62.5°	777.0	859.8	928.4	952.7	895.5	799.8	671.3	584.2	522.8	494.2	479.9
65°	641.3	689.9	759.9	755.6	721.3	632.7	538.5	477.1	437.1	418.5	409.9
67.5°	504.2	548.5	592.7	598.5	555.6	494.2	432.8	388.5	367.1	357.1	352.8
70°	389.9	422.8	449.9	442.8	419.9	381.4	342.8	318.5	309.9	305.7	305.7
72.5°	302.8	319.9	332.8	324.2	309.9	289.9	271.4	261.4	262.8	265.7	268.5
75°	234.2	238.5	241.4	232.8	230.0	217.1	215.7	217.1	225.7	234.2	238.5
77.5°	180.0	174.3	170.0	161.4	162.8	161.4	168.5	180.0	192.8	205.7	217.1
80°	138.5	125.7	115.7	107.1	111.4	118.5	132.8	150.0	167.1	181.4	195.7
82.5°	107.1	88.6	74.3	65.7	74.3	85.7	104.3	125.7	145.7	161.4	177.1
85°	82.8	61.4	44.3	35.7	44.3	61.4	81.4	105.7	127.1	144.3	160.0
87.5°	64.3	44.3	24.3	14.3	24.3	42.8	65.7	88.6	110.0	130.0	145.7
90°	51.4	30.0	11.4	2.9	12.9	30.0	51.4	74.3	95.7	117.1	132.8
92.5°	41.4	21.4	5.7	0.0	7.1	22.9	42.8	64.3	85.7	105.7	121.4
95°	34.3	17.1	4.3	0.0	5.7	17.1	34.3	55.7	75.7	95.7	108.6
97.5°	28.6	12.9	2.9	0.0	2.9	14.3	28.6	47.1	67.1	85.7	98.6
100°	24.3	11.4	2.9	0.0	2.9	11.4	24.3	41.4	58.6	75.7	88.6
102.5°	20.0	8.6	1.4	1.4	1.4	8.6	21.4	35.7	51.4	67.1	80.0
105°	18.6	7.1	1.4	1.4	1.4	7.1	18.6	31.4	45.7	60.0	71.4
107.5°	15.7	5.7	1.4	1.4	1.4	5.7	15.7	27.1	41.4	54.3	64.3
110°	12.9	5.7	1.4	1.4	1.4	5.7	12.9	24.3	35.7	47.1	57.1



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	11.4	4.3	1.4	1.4	1.4	4.3	11.4	21.4	31.4	42.8	51.4
115°	10.0	4.3	1.4	1.4	1.4	4.3	10.0	18.6	27.1	37.1	45.7
117.5°	8.6	4.3	1.4	1.4	1.4	2.9	8.6	15.7	24.3	32.9	41.4
120°	7.1	2.9	1.4	1.4	1.4	2.9	7.1	14.3	21.4	28.6	35.7
122.5°	7.1	2.9	1.4	1.4	1.4	2.9	5.7	11.4	18.6	24.3	31.4
125°	5.7	2.9	1.4	1.4	1.4	1.4	5.7	10.0	15.7	21.4	27.1
127.5°	5.7	2.9	1.4	1.4	1.4	1.4	4.3	8.6	12.9	18.6	24.3
130°	4.3	2.9	1.4	1.4	1.4	1.4	2.9	7.1	11.4	15.7	20.0
132.5°	4.3	2.9	1.4	1.4	1.4	1.4	2.9	5.7	8.6	12.9	17.1
135°	4.3	1.4	1.4	1.4	1.4	1.4	1.4	4.3	7.1	10.0	12.9
137.5°	2.9	1.4	1.4	1.4	1.4	1.4	1.4	2.9	5.7	7.1	11.4
140°	2.9	1.4	1.4	1.4	1.4	1.4	1.4	2.9	4.3	5.7	8.6
142.5°	2.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.9	4.3	7.1
145°	2.9	1.4	1.4	2.9	2.9	1.4	1.4	2.9	2.9	4.3	5.7
147.5°	2.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.9	2.9	4.3
150°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	4.3
152.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
155°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2779.5	2746.6	2763.7	2758.0	2763.7	2778.0	2776.6	2772.3	2775.2	2768.0	2760.9
5°	2773.7	2740.9	2758.0	2750.9	2758.0	2772.3	2769.5	2765.2	2769.5	2760.9	2753.8
7.5°	2766.6	2736.6	2756.6	2755.2	2768.0	2786.6	2788.0	2788.0	2798.0	2785.2	2779.5
10°	2766.6	2750.9	2778.0	2788.0	2820.9	2845.2	2848.0	2853.7	2870.9	2868.0	2853.7
12.5°	2796.6	2793.7	2833.7	2858.0	2888.0	2922.3	2940.9	2946.6	2958.0	2949.4	2943.7
15°	2835.2	2849.4	2893.7	2920.9	2953.7	2979.4	2983.7	2986.6	2995.1	2982.3	2972.3
17.5°	2886.6	2895.2	2930.9	2942.3	2963.7	2968.0	2962.3	2948.0	2948.0	2919.4	2910.9
20°	2910.9	2906.6	2920.9	2902.3	2893.7	2868.0	2843.7	2816.6	2815.2	2785.2	2782.3
22.5°	2889.4	2860.9	2830.9	2785.2	2765.2	2728.0	2695.2	2679.5	2669.5	2630.9	2620.9
25°	2813.7	2743.8	2699.5	2645.2	2596.6	2553.8	2522.4	2489.5	2458.1	2426.7	2412.4
27.5°	2682.3	2616.6	2545.2	2469.5	2402.4	2336.7	2283.8	2251.0	2221.0	2179.6	2158.2
30°	2520.9	2429.5	2351.0	2278.1	2168.1	2088.2	2043.9	1978.2	1955.3	1936.8	1896.8
32.5°	2331.0	2221.0	2113.9	2015.3	1902.5	1828.2	1769.7	1721.1	1706.8	1658.2	1646.8
35°	2121.0	1976.8	1855.4	1758.2	1676.8	1586.8	1538.3	1505.4	1476.9	1444.0	1438.3
37.5°	1873.9	1743.9	1606.8	1521.1	1456.9	1379.7	1342.6	1319.7	1306.9	1282.6	1278.3
40°	1625.4	1495.4	1401.2	1315.5	1275.5	1234.0	1206.9	1196.9	1191.2	1182.6	1174.1
42.5°	1399.7	1285.5	1218.3	1161.2	1144.1	1124.1	1116.9	1122.6	1116.9	1114.1	1112.6
45°	1208.3	1121.2	1074.1	1056.9	1052.7	1046.9	1052.7	1062.7	1064.1	1061.2	1061.2
47.5°	1034.1	992.7	972.7	975.5	982.7	987.0	996.9	1009.8	1012.7	1005.5	1008.4
50°	919.8	895.5	891.3	902.7	918.4	924.1	935.5	945.5	944.1	941.2	938.4
52.5°	812.7	805.6	817.0	828.4	845.5	848.4	852.7	857.0	855.5	849.8	847.0
55°	722.7	728.4	738.4	742.7	755.6	754.1	755.6	755.6	749.9	747.0	742.7
57.5°	641.3	642.7	648.4	649.9	657.0	654.2	652.7	649.9	641.3	639.9	635.6
60°	558.5	555.6	568.5	558.5	564.2	558.5	557.0	549.9	541.3	539.9	537.0
62.5°	479.9	474.2	482.8	478.5	481.3	475.6	472.8	464.2	457.1	455.6	454.2
65°	409.9	407.1	415.6	414.2	417.1	409.9	407.1	401.4	395.6	394.2	392.8
67.5°	351.4	358.5	362.8	362.8	365.6	364.2	357.1	355.6	354.2	348.5	348.5
70°	308.5	312.8	321.4	322.8	321.4	324.2	318.5	317.1	315.7	312.8	311.4
72.5°	274.2	279.9	288.5	289.9	288.5	288.5	285.7	284.2	284.2	279.9	279.9
75°	247.1	254.2	261.4	261.4	261.4	258.5	255.7	255.7	252.8	251.4	248.5
77.5°	224.2	232.8	238.5	237.1	235.7	232.8	232.8	228.5	224.2	224.2	221.4
80°	207.1	212.8	217.1	215.7	214.2	210.0	208.5	204.2	201.4	197.1	197.1
82.5°	188.5	195.7	198.5	197.1	194.2	190.0	188.5	185.7	182.8	181.4	178.5
85°	172.8	180.0	181.4	178.5	175.7	172.8	171.4	170.0	168.5	165.7	165.7
87.5°	157.1	164.3	164.3	162.8	160.0	158.5	157.1	155.7	154.3	152.8	151.4
90°	144.3	150.0	150.0	148.5	147.1	145.7	144.3	142.8	141.4	140.0	140.0
92.5°	131.4	137.1	137.1	135.7	134.3	132.8	132.8	131.4	130.0	128.5	127.1
95°	120.0	125.7	125.7	125.7	124.3	122.8	122.8	121.4	120.0	120.0	118.5
97.5°	108.6	114.3	114.3	114.3	112.8	111.4	111.4	110.0	110.0	110.0	108.6
100°	98.6	102.8	104.3	104.3	102.8	102.8	102.8	101.4	101.4	101.4	100.0
102.5°	88.6	92.8	95.7	95.7	95.7	94.3	94.3	94.3	94.3	94.3	92.8
105°	80.0	84.3	87.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
107.5°	72.8	77.1	80.0	81.4	82.8	82.8	84.3	84.3	84.3	84.3	84.3
110°	65.7	70.0	74.3	75.7	77.1	78.6	78.6	80.0	78.6	78.6	78.6



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	58.6	64.3	67.1	70.0	71.4	72.8	74.3	74.3	74.3	74.3	74.3
115°	52.8	58.6	61.4	64.3	67.1	68.6	68.6	70.0	70.0	70.0	68.6
117.5°	47.1	52.8	55.7	58.6	60.0	62.8	64.3	64.3	64.3	64.3	62.8
120°	42.8	47.1	50.0	52.8	55.7	57.1	58.6	58.6	58.6	58.6	58.6
122.5°	37.1	41.4	45.7	48.6	50.0	51.4	52.8	52.8	52.8	52.8	52.8
125°	32.9	37.1	40.0	42.8	44.3	47.1	47.1	47.1	47.1	47.1	47.1
127.5°	28.6	32.9	35.7	38.6	40.0	41.4	42.8	42.8	42.8	42.8	42.8
130°	24.3	28.6	31.4	34.3	35.7	37.1	37.1	38.6	38.6	38.6	38.6
132.5°	21.4	24.3	27.1	30.0	31.4	32.9	32.9	34.3	34.3	34.3	34.3
135°	17.1	21.4	22.9	25.7	27.1	28.6	28.6	30.0	30.0	30.0	30.0
137.5°	14.3	17.1	20.0	22.9	24.3	24.3	25.7	25.7	27.1	27.1	27.1
140°	11.4	12.9	17.1	18.6	20.0	21.4	22.9	22.9	22.9	22.9	22.9
142.5°	8.6	11.4	12.9	15.7	17.1	18.6	20.0	20.0	20.0	20.0	20.0
145°	7.1	8.6	10.0	12.9	14.3	15.7	17.1	17.1	17.1	17.1	17.1
147.5°	5.7	7.1	8.6	10.0	11.4	12.9	14.3	14.3	14.3	14.3	14.3
150°	4.3	5.7	7.1	7.1	8.6	10.0	11.4	12.9	12.9	12.9	12.9
152.5°	4.3	4.3	5.7	5.7	7.1	8.6	10.0	10.0	10.0	10.0	10.0
155°	2.9	4.3	4.3	4.3	5.7	5.7	7.1	8.6	8.6	8.6	8.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2765.2	2770.9	2768.0	2763.7	2762.3	2769.5	2762.3	2729.5	2742.3	2743.8	2753.8
5°	2760.9	2765.2	2762.3	2759.5	2755.2	2763.7	2755.2	2720.9	2733.8	2735.2	2745.2
7.5°	2789.5	2790.9	2790.9	2783.7	2772.3	2776.6	2765.2	2726.6	2733.8	2733.8	2740.9
10°	2860.9	2863.7	2868.0	2849.4	2835.2	2823.7	2808.0	2760.9	2759.5	2748.0	2748.0
12.5°	2953.7	2946.6	2939.4	2930.9	2919.4	2905.1	2882.3	2826.6	2808.0	2789.5	2770.9
15°	2980.8	2978.0	2976.6	2972.3	2965.1	2960.9	2943.7	2888.0	2860.9	2838.0	2805.2
17.5°	2909.4	2915.1	2933.7	2935.1	2943.7	2960.9	2958.0	2919.4	2895.2	2885.2	2845.2
20°	2780.9	2782.3	2805.2	2815.2	2852.3	2880.9	2902.3	2898.0	2892.3	2903.7	2873.7
22.5°	2626.6	2636.6	2660.9	2676.6	2712.3	2745.2	2779.5	2798.0	2828.0	2875.2	2869.4
25°	2416.7	2429.5	2463.8	2489.5	2539.5	2589.5	2635.2	2668.1	2703.8	2793.7	2823.7
27.5°	2165.3	2185.3	2229.6	2255.3	2325.3	2376.7	2442.4	2506.7	2556.6	2659.5	2720.9
30°	1901.1	1918.2	1965.3	2001.0	2061.0	2131.0	2213.9	2305.3	2388.1	2492.4	2569.5
32.5°	1654.0	1672.5	1711.1	1742.5	1809.6	1868.2	1959.6	2072.5	2149.6	2293.8	2396.7
35°	1438.3	1455.4	1482.6	1509.7	1565.4	1625.4	1704.0	1813.9	1912.5	2062.5	2192.4
37.5°	1286.9	1289.7	1305.5	1321.2	1362.6	1408.3	1469.7	1566.8	1658.2	1819.6	1962.5
40°	1178.3	1178.3	1186.9	1191.2	1209.8	1236.9	1275.5	1351.2	1426.9	1549.7	1724.0
42.5°	1111.2	1108.4	1108.4	1109.8	1108.4	1121.2	1144.1	1179.8	1246.9	1348.3	1484.0
45°	1061.2	1055.5	1051.2	1041.2	1035.5	1035.5	1036.9	1049.8	1088.4	1154.1	1264.0
47.5°	1005.5	1004.1	996.9	985.5	975.5	968.4	957.0	952.7	964.1	1001.2	1075.5
50°	941.2	934.1	927.0	918.4	907.0	899.8	878.4	879.8	869.8	887.0	925.5
52.5°	847.0	841.3	838.4	831.3	827.0	824.1	807.0	789.8	785.6	788.4	802.7
55°	742.7	745.6	734.1	739.9	738.4	725.6	718.4	705.6	701.3	699.9	707.0
57.5°	634.2	637.0	629.9	635.6	635.6	628.4	624.2	624.2	614.2	605.6	615.6
60°	535.6	529.9	534.2	541.3	541.3	537.0	534.2	534.2	527.0	524.2	531.3
62.5°	455.6	449.9	454.2	461.3	462.8	459.9	457.1	457.1	448.5	448.5	454.2
65°	394.2	395.6	394.2	399.9	399.9	401.4	398.5	395.6	385.6	389.9	388.5
67.5°	349.9	348.5	348.5	354.2	352.8	355.6	352.8	348.5	341.4	335.6	334.2
70°	312.8	311.4	311.4	314.2	315.7	315.7	314.2	311.4	301.4	295.7	291.4
72.5°	279.9	278.5	279.9	281.4	282.8	284.2	282.8	279.9	271.4	264.2	257.1
75°	250.0	248.5	252.8	252.8	254.2	254.2	255.7	254.2	247.1	238.5	230.0
77.5°	220.0	221.4	225.7	227.1	230.0	231.4	232.8	232.8	225.7	218.5	207.1
80°	195.7	198.5	201.4	202.8	205.7	210.0	211.4	212.8	207.1	200.0	187.1
82.5°	178.5	180.0	182.8	184.2	188.5	190.0	191.4	194.2	191.4	184.2	170.0
85°	164.3	165.7	168.5	168.5	171.4	174.3	175.7	177.1	175.7	168.5	154.3
87.5°	151.4	152.8	154.3	155.7	157.1	158.5	160.0	161.4	160.0	152.8	140.0
90°	140.0	140.0	141.4	141.4	142.8	144.3	147.1	147.1	145.7	140.0	127.1
92.5°	127.1	128.5	128.5	130.0	131.4	132.8	134.3	134.3	132.8	127.1	115.7
95°	118.5	118.5	120.0	120.0	121.4	121.4	122.8	122.8	121.4	115.7	104.3
97.5°	108.6	108.6	108.6	108.6	110.0	110.0	111.4	111.4	110.0	104.3	94.3
100°	100.0	100.0	100.0	100.0	100.0	101.4	101.4	101.4	100.0	94.3	84.3
102.5°	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	90.0	85.7	75.7
105°	88.6	88.6	88.6	87.1	87.1	87.1	85.7	85.7	81.4	77.1	68.6
107.5°	82.8	82.8	82.8	81.4	81.4	80.0	78.6	78.6	74.3	70.0	61.4
110°	78.6	78.6	78.6	77.1	75.7	74.3	72.8	71.4	67.1	61.4	54.3



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	74.3	74.3	72.8	72.8	71.4	70.0	67.1	65.7	61.4	55.7	48.6
115°	68.6	68.6	68.6	67.1	65.7	64.3	62.8	60.0	55.7	50.0	42.8
117.5°	62.8	62.8	62.8	61.4	60.0	58.6	57.1	54.3	50.0	44.3	38.6
120°	57.1	57.1	57.1	55.7	54.3	52.8	51.4	48.6	44.3	40.0	32.9
122.5°	52.8	52.8	51.4	50.0	48.6	47.1	45.7	42.8	40.0	34.3	28.6
125°	47.1	47.1	45.7	45.7	44.3	42.8	41.4	38.6	34.3	30.0	25.7
127.5°	42.8	41.4	41.4	41.4	40.0	38.6	35.7	34.3	30.0	25.7	21.4
130°	37.1	37.1	37.1	35.7	35.7	34.3	31.4	28.6	25.7	22.9	18.6
132.5°	32.9	32.9	32.9	32.9	31.4	30.0	27.1	25.7	22.9	18.6	15.7
135°	30.0	30.0	28.6	28.6	27.1	25.7	24.3	21.4	18.6	15.7	12.9
137.5°	25.7	25.7	25.7	24.3	24.3	22.9	20.0	18.6	17.1	14.3	11.4
140°	22.9	22.9	21.4	21.4	20.0	20.0	18.6	15.7	14.3	11.4	10.0
142.5°	20.0	20.0	18.6	18.6	17.1	17.1	15.7	14.3	11.4	10.0	7.1
145°	17.1	17.1	15.7	15.7	15.7	14.3	12.9	11.4	10.0	8.6	7.1
147.5°	14.3	14.3	14.3	12.9	12.9	11.4	11.4	10.0	8.6	7.1	5.7
150°	12.9	12.9	11.4	11.4	11.4	10.0	8.6	8.6	7.1	5.7	4.3
152.5°	10.0	10.0	10.0	10.0	8.6	8.6	7.1	7.1	5.7	4.3	4.3
155°	8.6	8.6	8.6	7.1	7.1	7.1	5.7	5.7	4.3	4.3	2.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2	2765.2
2.5°	2749.5	2748.0	2760.9	2759.5	2742.3	2768.0	2785.2
5°	2742.3	2740.9	2752.3	2755.2	2736.6	2763.7	2782.3
7.5°	2736.6	2735.2	2748.0	2752.3	2733.8	2758.0	2778.0
10°	2738.0	2730.9	2742.3	2745.2	2728.0	2753.8	2770.9
12.5°	2748.0	2730.9	2735.2	2735.2	2719.5	2742.3	2760.9
15°	2772.3	2736.6	2730.9	2726.6	2706.6	2728.0	2746.6
17.5°	2799.5	2750.9	2730.9	2716.6	2692.3	2710.9	2730.9
20°	2826.6	2766.6	2733.8	2710.9	2678.1	2695.2	2709.5
22.5°	2839.4	2780.9	2736.6	2702.3	2660.9	2669.5	2685.2
25°	2822.3	2775.2	2730.9	2689.5	2639.5	2640.9	2653.8
27.5°	2759.5	2746.6	2718.0	2676.6	2622.3	2615.2	2625.2
30°	2652.3	2688.0	2689.5	2659.5	2602.4	2588.1	2592.4
32.5°	2502.4	2582.4	2629.5	2623.8	2573.8	2553.8	2556.6
35°	2329.5	2429.5	2532.4	2566.6	2530.9	2515.2	2509.5
37.5°	2122.4	2256.7	2393.8	2478.1	2472.4	2462.4	2456.7
40°	1893.9	2055.3	2218.1	2352.4	2393.8	2393.8	2396.7
42.5°	1649.7	1838.2	2016.8	2186.7	2283.8	2305.3	2313.8
45°	1414.0	1604.0	1798.2	1993.9	2123.9	2191.0	2215.3
47.5°	1199.8	1391.2	1575.4	1789.7	1962.5	2049.6	2088.2
50°	1016.9	1159.8	1354.0	1566.8	1755.4	1862.5	1938.2
52.5°	865.5	977.0	1146.9	1345.5	1535.4	1682.5	1752.5
55°	738.4	814.1	958.4	1129.8	1311.2	1464.0	1545.4
57.5°	631.3	691.3	789.8	932.7	1085.5	1236.9	1324.0
60°	537.0	578.5	645.6	758.4	888.4	1018.4	1102.6
62.5°	455.6	482.8	527.0	609.9	711.3	812.7	891.3
65°	392.8	404.2	428.5	479.9	557.0	634.2	701.3
67.5°	331.4	338.5	357.1	388.5	427.1	482.8	527.0
70°	285.7	285.7	287.1	305.7	325.7	361.4	392.8
72.5°	248.5	244.2	235.7	240.0	244.2	264.2	284.2
75°	218.5	208.5	194.2	188.5	185.7	188.5	200.0
77.5°	192.8	178.5	161.4	147.1	135.7	131.4	141.4
80°	171.4	154.3	134.3	115.7	97.1	87.1	91.4
82.5°	154.3	132.8	111.4	90.0	68.6	54.3	54.3
85°	135.7	115.7	92.8	70.0	48.6	30.0	27.1
87.5°	122.8	101.4	77.1	55.7	34.3	15.7	8.6
90°	110.0	88.6	65.7	44.3	24.3	7.1	0.0
92.5°	98.6	78.6	57.1	35.7	17.1	4.3	0.0
95°	88.6	70.0	48.6	30.0	14.3	2.9	1.4
97.5°	78.6	61.4	42.8	24.3	10.0	2.9	1.4
100°	71.4	54.3	37.1	20.0	8.6	1.4	1.4
102.5°	62.8	48.6	31.4	17.1	7.1	1.4	1.4
105°	55.7	42.8	27.1	14.3	5.7	1.4	1.4
107.5°	50.0	37.1	24.3	12.9	5.7	1.4	1.4
110°	44.3	32.9	21.4	11.4	4.3	1.4	1.4



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-75SL-LC-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	40.0	28.6	18.6	10.0	2.9	1.4	1.4
115°	34.3	25.7	15.7	8.6	2.9	1.4	1.4
117.5°	30.0	21.4	14.3	7.1	2.9	1.4	1.4
120°	25.7	18.6	11.4	5.7	1.4	1.4	1.4
122.5°	22.9	15.7	10.0	5.7	1.4	1.4	1.4
125°	20.0	14.3	8.6	4.3	1.4	1.4	1.4
127.5°	17.1	11.4	7.1	2.9	1.4	1.4	1.4
130°	14.3	10.0	5.7	2.9	1.4	1.4	1.4
132.5°	11.4	8.6	5.7	2.9	1.4	1.4	1.4
135°	10.0	7.1	4.3	2.9	1.4	1.4	1.4
137.5°	8.6	5.7	2.9	2.9	2.9	1.4	1.4
140°	7.1	4.3	2.9	2.9	2.9	2.9	1.4
142.5°	5.7	4.3	2.9	2.9	2.9	2.9	1.4
145°	4.3	2.9	2.9	2.9	2.9	2.9	1.4
147.5°	4.3	2.9	2.9	2.9	2.9	2.9	1.4
150°	2.9	2.9	2.9	2.9	2.9	2.9	2.9
152.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9
155°	2.9	2.9	2.9	2.9	2.9	2.9	2.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)