

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: P290237

Luminaire Tested: **8SSRK-LC-80-L935-CD1-U**

Issue Date: 3/3/2020

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Test Information

Test Method: LM-79-08
Report Number: P290237
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: 8SSRK-LC-80-L935-CD1-U
Description: 8000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7334.8 lumens
Efficiency: N/A
Efficacy: 129.5 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 8' x H: 0.17')
CIE Type: Direct

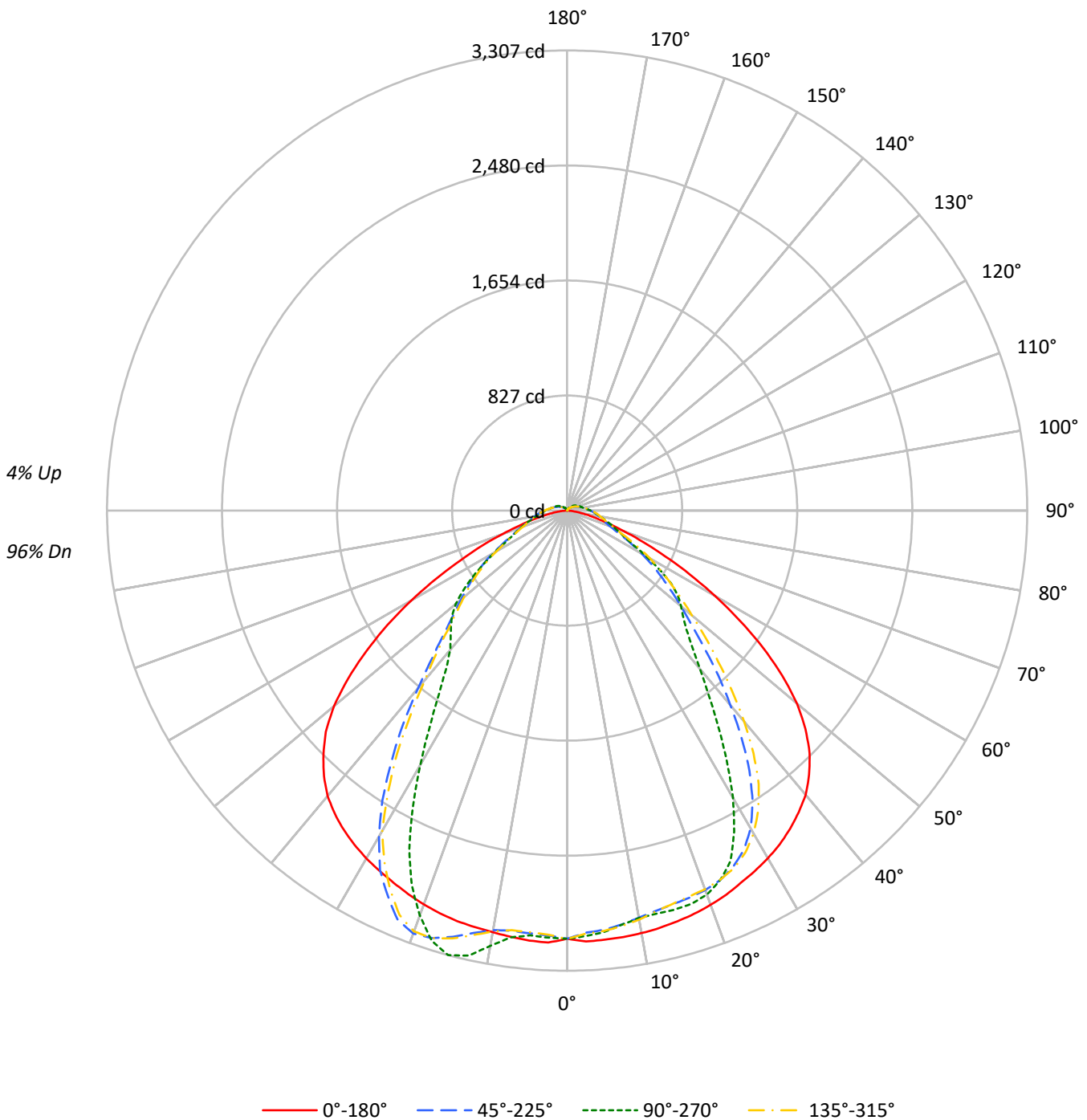
Input Watts (W): 56.6491
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	99354	99354	99354	99354
5°	100167	73001	100374	73575
10°	100724	57175	100518	61055
15°	101600	47929	101547	53365
20°	102821	41095	102711	43318
25°	104195	34545	104139	33379
30°	106276	26841	106335	23779
35°	108492	19615	108799	16599
40°	110484	14348	110944	12641
45°	110267	11075	110836	10785
50°	105716	9303	107196	9095
55°	94014	7624	96359	6931
60°	76477	5308	80541	4868
65°	57071	3677	61489	3486
70°	39025	2853	43999	2729
75°	25757	2290	29983	2166
80°	16914	1872	19824	1722
85°	9037	1600	11880	1462



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.3	4.0
10°-20°	869.6	11.9
20°-30°	1322.0	18.0
30°-40°	1418.2	19.3
40°-50°	1230.8	16.8
50°-60°	912.2	12.4
60°-70°	522.6	7.1
70°-80°	289.4	3.9
80°-90°	176.2	2.4
90°-100°	114.6	1.6
100°-110°	76.8	1.0
110°-120°	51.8	0.7
120°-130°	31.8	0.4
130°-140°	16.7	0.2
140°-150°	7.6	0.1
150°-160°	2.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2483.8	33.9
0°-40°	3902.0	53.2
0°-60°	6045.0	82.4
0°-90°	7033.3	95.9
90°-120°	243.2	3.3
90°-150°	299.3	4.1
90°-180°	302.0	4.1
0°-180°	7334.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3077	3077	3077	3077	3077	
5°	3096	3040	3102	3064	3096	295
15°	3056	2970	3054	3307	3056	865
25°	2953	2778	2951	2684	2953	1365
35°	2792	1891	2800	1600	2792	1748
45°	2465	1213	2478	1181	2465	1887
55°	1720	909	1762	826	1720	1525
65°	780	461	841	437	780	787
75°	222	292	259	276	222	254
85°	30	202	40	184	30	40
90°	0	168	3	156	0	1
95°	2	138	0	132	2	1
105°	2	103	2	98	2	2
115°	2	84	2	76	2	2
125°	2	64	2	52	2	1
135°	2	40	2	33	2	1
145°	2	24	3	19	2	1
155°	3	11	3	10	3	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3099.0	3091.1	3087.9	3081.5	3086.3	3105.4	3092.7	3072.0	3073.6	3037.0	3056.1
5°	3095.8	3086.3	3081.5	3075.2	3078.4	3095.8	3083.1	3062.5	3060.9	3024.3	3041.8
7.5°	3091.1	3081.5	3073.6	3068.8	3070.4	3084.7	3068.8	3045.0	3040.2	3000.5	3016.4
10°	3083.1	3076.8	3065.7	3057.7	3056.1	3072.0	3046.6	3022.7	3011.6	2970.3	2986.2
12.5°	3072.0	3062.5	3051.3	3037.0	3035.5	3045.0	3024.3	2991.0	2979.8	2946.5	2963.9
15°	3056.1	3045.0	3032.3	3016.4	3008.4	3014.8	2989.4	2959.2	2957.6	2929.0	2952.8
17.5°	3038.6	3022.7	3008.4	2986.2	2975.1	2979.8	2959.2	2932.2	2935.3	2917.9	2944.9
20°	3014.8	2997.3	2975.1	2952.8	2936.9	2944.9	2930.6	2909.9	2914.7	2902.0	2925.8
22.5°	2987.8	2963.9	2936.9	2911.5	2898.8	2909.9	2898.8	2881.3	2882.9	2874.9	2889.2
25°	2952.8	2925.8	2894.0	2862.2	2855.9	2863.8	2857.5	2843.2	2836.8	2824.1	2830.4
27.5°	2921.0	2890.8	2851.1	2817.7	2806.6	2822.5	2808.2	2784.4	2766.9	2749.4	2736.7
30°	2884.5	2847.9	2803.4	2765.3	2755.7	2762.1	2741.4	2704.9	2658.8	2636.6	2601.6
32.5°	2844.7	2797.1	2741.4	2698.5	2692.2	2687.4	2649.3	2596.8	2525.3	2480.8	2426.8
35°	2792.3	2739.9	2673.1	2620.7	2611.1	2584.1	2522.1	2452.2	2360.0	2283.7	2191.6
37.5°	2733.5	2671.5	2601.6	2531.7	2504.6	2450.6	2363.2	2290.1	2150.2	2058.1	1946.8
40°	2666.8	2592.1	2506.2	2422.0	2377.5	2290.1	2190.0	2081.9	1946.8	1822.9	1729.1
42.5°	2574.6	2495.1	2393.4	2299.6	2223.4	2107.3	1989.7	1837.2	1713.2	1608.3	1513.0
45°	2464.9	2369.6	2252.0	2139.1	2042.2	1903.9	1765.6	1613.1	1509.8	1387.4	1322.3
47.5°	2323.5	2220.2	2094.6	1969.1	1841.9	1689.4	1544.7	1398.5	1295.2	1207.8	1160.1
50°	2156.6	2061.2	1923.0	1773.6	1633.7	1474.8	1330.2	1220.5	1120.4	1066.4	1029.8
52.5°	1950.0	1861.0	1719.6	1557.5	1422.4	1266.6	1134.7	1045.7	974.2	934.5	921.8
55°	1719.6	1641.7	1501.8	1350.9	1212.6	1069.6	969.4	891.6	845.5	821.6	823.2
57.5°	1473.2	1412.8	1280.9	1145.8	1015.5	907.5	816.9	754.9	719.9	718.3	723.1
60°	1226.9	1182.4	1068.0	952.0	837.5	750.1	683.4	640.5	618.2	619.8	618.2
62.5°	991.7	950.4	867.7	772.4	681.8	623.0	562.6	545.1	526.0	524.5	524.5
65°	780.3	748.5	681.8	613.4	545.1	507.0	476.8	456.1	441.8	438.6	440.2
67.5°	586.4	573.7	527.6	481.5	438.6	414.8	389.4	384.6	373.5	373.5	376.7
70°	437.0	427.5	402.1	375.1	357.6	341.7	329.0	329.0	327.4	325.8	333.7
72.5°	316.3	317.8	309.9	289.2	287.7	284.5	281.3	286.1	287.7	292.4	302.0
75°	222.5	227.3	227.3	224.1	230.4	238.4	243.2	251.1	260.6	267.0	278.1
77.5°	157.3	157.3	165.3	174.8	187.5	201.8	214.5	225.7	238.4	246.3	255.9
80°	101.7	106.5	119.2	136.7	154.2	173.2	190.7	205.0	217.7	230.4	236.8
82.5°	60.4	68.3	84.2	106.5	128.7	152.6	170.0	187.5	201.8	214.5	219.3
85°	30.2	41.3	60.4	84.2	108.1	133.5	155.7	171.6	187.5	198.7	205.0
87.5°	9.5	22.2	42.9	65.2	90.6	116.0	139.9	157.3	171.6	181.2	187.5
90°	0.0	11.1	30.2	54.0	77.9	103.3	125.6	144.6	158.9	166.9	171.6
92.5°	0.0	6.4	23.8	44.5	66.7	92.2	114.4	131.9	144.6	152.6	155.7
95°	1.6	4.8	17.5	36.6	58.8	82.6	103.3	119.2	131.9	139.9	141.4
97.5°	1.6	3.2	14.3	30.2	50.9	73.1	93.8	109.7	119.2	127.1	128.7
100°	1.6	3.2	11.1	27.0	44.5	65.2	84.2	98.5	109.7	116.0	117.6
102.5°	1.6	1.6	9.5	22.2	39.7	57.2	74.7	89.0	98.5	104.9	108.1
105°	1.6	1.6	7.9	19.1	35.0	50.9	66.7	81.1	89.0	95.4	98.5
107.5°	1.6	1.6	6.4	15.9	30.2	44.5	60.4	71.5	81.1	87.4	90.6
110°	1.6	1.6	4.8	14.3	25.4	39.7	52.4	63.6	73.1	79.5	82.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.6	1.6	4.8	12.7	22.2	35.0	46.1	57.2	65.2	71.5	76.3
115°	1.6	1.6	4.8	11.1	20.7	30.2	41.3	50.9	58.8	65.2	69.9
117.5°	1.6	1.6	4.8	9.5	17.5	27.0	36.6	46.1	52.4	58.8	63.6
120°	1.6	1.6	3.2	7.9	15.9	23.8	31.8	39.7	47.7	54.0	58.8
122.5°	1.6	1.6	3.2	7.9	12.7	20.7	28.6	35.0	42.9	47.7	52.4
125°	1.6	1.6	3.2	6.4	11.1	19.1	25.4	31.8	36.6	42.9	47.7
127.5°	1.6	1.6	3.2	6.4	9.5	15.9	22.2	28.6	33.4	38.1	41.3
130°	1.6	1.6	3.2	4.8	7.9	12.7	19.1	23.8	30.2	33.4	36.6
132.5°	1.6	1.6	1.6	4.8	6.4	9.5	14.3	20.7	25.4	30.2	31.8
135°	1.6	1.6	1.6	3.2	6.4	7.9	11.1	15.9	20.7	25.4	28.6
137.5°	1.6	1.6	1.6	3.2	4.8	7.9	9.5	12.7	17.5	20.7	25.4
140°	1.6	1.6	1.6	3.2	4.8	6.4	7.9	11.1	14.3	17.5	20.7
142.5°	1.6	1.6	1.6	3.2	3.2	4.8	6.4	9.5	11.1	14.3	17.5
145°	1.6	1.6	1.6	3.2	3.2	4.8	6.4	7.9	9.5	11.1	14.3
147.5°	1.6	1.6	1.6	3.2	3.2	3.2	4.8	6.4	7.9	9.5	11.1
150°	3.2	3.2	3.2	3.2	3.2	3.2	4.8	4.8	6.4	7.9	9.5
152.5°	3.2	3.2	3.2	3.2	3.2	3.2	4.8	4.8	4.8	6.4	7.9
155°	3.2	3.2	3.2	3.2	3.2	3.2	4.8	4.8	4.8	6.4	6.4
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°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3049.8	3052.9	3072.0	3070.4	3067.2	3064.1	3064.1	3060.9	3064.1	3072.0	3068.8
5°	3033.9	3038.6	3052.9	3051.3	3048.2	3046.6	3045.0	3040.2	3043.4	3054.5	3051.3
7.5°	3005.3	3010.0	3022.7	3016.4	3011.6	3014.8	3006.8	3002.1	3008.4	3019.6	3018.0
10°	2975.1	2978.2	2994.1	2991.0	2983.0	2984.6	2976.7	2973.5	2981.4	2987.8	2989.4
12.5°	2954.4	2965.5	2979.8	2978.2	2976.7	2978.2	2970.3	2967.1	2971.9	2978.2	2976.7
15°	2949.6	2963.9	2979.8	2979.8	2981.4	2983.0	2975.1	2970.3	2975.1	2979.8	2978.2
17.5°	2944.9	2962.4	2976.7	2975.1	2976.7	2979.8	2967.1	2963.9	2970.3	2976.7	2973.5
20°	2929.0	2944.9	2954.4	2951.2	2951.2	2952.8	2936.9	2936.9	2946.5	2951.2	2952.8
22.5°	2884.5	2903.5	2903.5	2895.6	2895.6	2889.2	2884.5	2874.9	2886.1	2894.0	2900.4
25°	2817.7	2825.7	2816.1	2798.7	2789.1	2781.2	2758.9	2778.0	2778.0	2801.8	2809.8
27.5°	2724.0	2706.5	2679.5	2642.9	2635.0	2609.5	2595.2	2600.0	2607.9	2641.3	2666.8
30°	2569.8	2517.4	2471.3	2455.4	2420.4	2395.0	2369.6	2382.3	2396.6	2415.7	2468.1
32.5°	2366.4	2315.5	2240.8	2213.8	2177.3	2145.5	2115.3	2134.4	2159.8	2172.5	2229.7
35°	2132.8	2072.4	2004.0	1957.9	1919.8	1902.3	1864.2	1891.2	1918.2	1927.8	1977.0
37.5°	1884.8	1822.9	1762.5	1722.7	1686.2	1675.1	1649.6	1668.7	1689.4	1703.7	1745.0
40°	1649.6	1592.4	1546.3	1519.3	1493.9	1484.4	1474.8	1482.8	1498.7	1509.8	1541.6
42.5°	1447.8	1401.7	1369.9	1354.0	1336.6	1323.8	1325.4	1328.6	1336.6	1360.4	1374.7
45°	1271.4	1244.4	1223.7	1220.5	1209.4	1207.8	1206.2	1212.6	1217.4	1231.7	1242.8
47.5°	1130.0	1118.8	1114.1	1120.4	1125.2	1118.8	1122.0	1130.0	1139.5	1139.5	1137.9
50°	1018.7	1021.9	1028.2	1042.5	1052.1	1055.3	1058.4	1068.0	1069.6	1072.7	1068.0
52.5°	928.1	931.3	948.8	971.0	982.2	986.9	993.3	1002.8	1002.8	1006.0	999.6
55°	835.9	840.7	858.2	880.4	890.0	896.3	902.7	909.0	913.8	920.2	915.4
57.5°	734.2	748.5	759.7	766.0	772.4	777.1	781.9	783.5	793.0	794.6	802.6
60°	626.2	629.3	640.5	638.9	634.1	646.8	640.5	651.6	662.7	677.0	678.6
62.5°	522.9	524.5	532.4	529.2	535.6	534.0	538.8	538.8	546.7	553.1	561.0
65°	441.8	443.4	449.8	449.8	448.2	452.9	457.7	460.9	460.9	465.6	472.0
67.5°	381.4	386.2	392.5	395.7	398.9	398.9	403.7	405.3	408.4	410.0	413.2
70°	340.1	346.5	352.8	356.0	357.6	360.8	362.3	362.3	365.5	367.1	370.3
72.5°	309.9	316.3	321.0	321.0	324.2	325.8	325.8	327.4	329.0	332.2	335.3
75°	284.5	289.2	292.4	290.8	290.8	290.8	292.4	292.4	295.6	298.8	302.0
77.5°	260.6	265.4	265.4	262.2	262.2	262.2	262.2	263.8	265.4	268.6	271.8
80°	243.2	243.2	241.6	241.6	238.4	236.8	236.8	238.4	238.4	241.6	246.3
82.5°	224.1	224.1	222.5	220.9	219.3	217.7	217.7	219.3	220.9	222.5	225.7
85°	206.6	206.6	203.4	203.4	201.8	201.8	201.8	201.8	203.4	205.0	208.2
87.5°	189.1	187.5	185.9	184.4	184.4	184.4	184.4	184.4	185.9	189.1	190.7
90°	171.6	170.0	168.5	168.5	166.9	166.9	168.5	168.5	170.0	171.6	173.2
92.5°	155.7	154.2	152.6	152.6	151.0	151.0	152.6	151.0	154.2	154.2	155.7
95°	141.4	139.9	138.3	138.3	138.3	138.3	138.3	138.3	139.9	139.9	141.4
97.5°	128.7	127.1	125.6	125.6	127.1	125.6	127.1	127.1	127.1	128.7	130.3
100°	117.6	116.0	116.0	117.6	116.0	116.0	117.6	117.6	117.6	117.6	119.2
102.5°	108.1	108.1	108.1	108.1	108.1	108.1	109.7	109.7	109.7	109.7	111.2
105°	98.5	100.1	100.1	100.1	101.7	101.7	101.7	103.3	103.3	103.3	103.3
107.5°	92.2	93.8	93.8	95.4	95.4	96.9	96.9	96.9	96.9	98.5	98.5
110°	85.8	87.4	89.0	90.6	90.6	92.2	92.2	92.2	92.2	92.2	92.2



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	79.5	81.1	82.6	85.8	87.4	87.4	87.4	87.4	89.0	89.0	87.4
115°	73.1	76.3	77.9	81.1	82.6	82.6	84.2	84.2	84.2	84.2	82.6
117.5°	66.7	71.5	73.1	76.3	77.9	77.9	79.5	79.5	79.5	79.5	77.9
120°	62.0	65.2	68.3	69.9	71.5	73.1	73.1	74.7	74.7	74.7	73.1
122.5°	57.2	60.4	63.6	65.2	66.7	68.3	68.3	68.3	68.3	68.3	68.3
125°	50.9	54.0	57.2	58.8	60.4	62.0	62.0	63.6	63.6	63.6	62.0
127.5°	46.1	49.3	50.9	54.0	55.6	55.6	57.2	57.2	57.2	57.2	55.6
130°	39.7	42.9	46.1	47.7	49.3	49.3	50.9	50.9	50.9	50.9	50.9
132.5°	35.0	38.1	39.7	42.9	42.9	44.5	44.5	46.1	46.1	46.1	44.5
135°	31.8	33.4	35.0	38.1	38.1	39.7	39.7	39.7	39.7	39.7	39.7
137.5°	28.6	30.2	31.8	33.4	33.4	35.0	35.0	35.0	35.0	36.6	35.0
140°	23.8	27.0	28.6	28.6	30.2	30.2	30.2	31.8	31.8	31.8	30.2
142.5°	20.7	22.2	23.8	25.4	27.0	27.0	27.0	28.6	28.6	27.0	27.0
145°	15.9	19.1	20.7	22.2	23.8	23.8	23.8	23.8	23.8	23.8	23.8
147.5°	12.7	14.3	17.5	19.1	19.1	20.7	20.7	20.7	20.7	20.7	20.7
150°	11.1	11.1	14.3	15.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5
152.5°	7.9	9.5	11.1	12.7	14.3	14.3	14.3	14.3	14.3	14.3	14.3
155°	7.9	7.9	9.5	9.5	11.1	11.1	11.1	11.1	12.7	11.1	11.1
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: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3064.1	3062.5	3068.8	3062.5	3030.7	3043.4	3038.6	3056.1	3057.7	3062.5	3078.4
5°	3048.2	3048.2	3056.1	3049.8	3019.6	3032.3	3030.7	3048.2	3051.3	3054.5	3072.0
7.5°	3016.4	3018.0	3029.1	3024.3	2992.5	3011.6	3010.0	3030.7	3037.0	3043.4	3059.3
10°	2986.2	2984.6	2997.3	2992.5	2962.4	2984.6	2983.0	3003.7	3013.2	3024.3	3043.4
12.5°	2970.3	2965.5	2970.3	2965.5	2932.2	2949.6	2951.2	2975.1	2986.2	3000.5	3022.7
15°	2970.3	2962.4	2962.4	2952.8	2914.7	2925.8	2927.4	2943.3	2957.6	2971.9	2998.9
17.5°	2967.1	2959.2	2957.6	2949.6	2908.3	2908.3	2906.7	2917.9	2925.8	2940.1	2968.7
20°	2949.6	2946.5	2944.9	2940.1	2902.0	2895.6	2892.4	2892.4	2897.2	2902.0	2930.6
22.5°	2903.5	2906.7	2909.9	2913.1	2882.9	2871.8	2873.4	2870.2	2865.4	2865.4	2889.2
25°	2817.7	2833.6	2846.3	2860.6	2843.2	2835.2	2844.7	2840.0	2832.0	2825.7	2846.3
27.5°	2681.1	2714.4	2741.4	2776.4	2778.0	2771.6	2797.1	2793.9	2792.3	2782.8	2798.7
30°	2491.9	2544.4	2580.9	2631.8	2674.7	2681.1	2724.0	2730.3	2736.7	2731.9	2747.8
32.5°	2263.1	2334.6	2396.6	2476.0	2517.4	2553.9	2614.3	2639.7	2665.2	2673.1	2690.6
35°	2013.6	2094.6	2167.7	2255.1	2320.3	2399.8	2472.9	2511.0	2568.2	2590.5	2615.9
37.5°	1776.8	1853.1	1924.6	2012.0	2116.9	2199.5	2290.1	2375.9	2453.8	2485.6	2523.7
40°	1567.0	1629.0	1697.3	1773.6	1869.0	1977.0	2075.6	2194.7	2286.9	2350.5	2406.1
42.5°	1408.1	1438.3	1497.1	1565.4	1641.7	1751.3	1851.5	1985.0	2096.2	2186.8	2279.0
45°	1266.6	1280.9	1323.8	1360.4	1438.3	1535.2	1641.7	1772.0	1888.0	2004.0	2115.3
47.5°	1145.8	1163.3	1184.0	1206.2	1261.9	1342.9	1435.1	1552.7	1668.7	1803.8	1930.9
50°	1064.8	1069.6	1072.7	1082.3	1115.6	1171.3	1246.0	1346.1	1457.3	1602.0	1737.0
52.5°	993.3	993.3	983.7	979.0	991.7	1026.7	1069.6	1141.1	1255.5	1389.0	1532.0
55°	917.0	902.7	899.5	883.6	886.8	902.7	923.4	979.0	1072.7	1187.2	1325.4
57.5°	810.5	804.2	804.2	797.8	785.1	793.0	797.8	837.5	904.3	1002.8	1123.6
60°	688.1	685.0	692.9	694.5	683.4	688.1	686.6	710.4	758.1	837.5	937.7
62.5°	565.8	580.1	581.7	588.0	581.7	580.1	588.0	608.7	632.5	692.9	770.8
65°	475.2	483.1	484.7	492.7	489.5	489.5	495.8	511.7	526.0	567.4	627.8
67.5°	416.4	413.2	414.8	419.6	414.8	413.2	418.0	427.5	438.6	464.1	507.0
70°	370.3	367.1	367.1	367.1	360.8	356.0	357.6	360.8	365.5	379.8	406.8
72.5°	335.3	335.3	330.6	325.8	321.0	317.8	314.7	311.5	309.9	314.7	329.0
75°	303.5	305.1	303.5	298.8	292.4	286.1	279.7	273.3	265.4	262.2	263.8
77.5°	274.9	276.5	278.1	276.5	270.2	262.2	252.7	243.2	232.0	220.9	214.5
80°	249.5	252.7	254.3	252.7	247.9	241.6	230.4	219.3	203.4	189.1	173.2
82.5°	227.3	232.0	233.6	233.6	230.4	224.1	211.4	198.7	181.2	162.1	141.4
85°	209.8	213.0	216.1	216.1	214.5	208.2	195.5	181.2	163.7	141.4	119.2
87.5°	192.3	193.9	197.1	200.2	197.1	190.7	179.6	163.7	146.2	124.0	98.5
90°	174.8	176.4	179.6	182.8	181.2	174.8	165.3	151.0	131.9	108.1	82.6
92.5°	157.3	160.5	162.1	163.7	165.3	160.5	152.6	138.3	119.2	95.4	71.5
95°	144.6	144.6	147.8	149.4	151.0	146.2	139.9	125.6	108.1	85.8	62.0
97.5°	131.9	131.9	135.1	135.1	136.7	133.5	127.1	114.4	96.9	76.3	52.4
100°	119.2	120.8	122.4	124.0	124.0	122.4	116.0	103.3	87.4	68.3	46.1
102.5°	111.2	111.2	112.8	112.8	114.4	111.2	104.9	93.8	77.9	60.4	39.7
105°	103.3	103.3	104.9	104.9	103.3	100.1	93.8	84.2	69.9	52.4	35.0
107.5°	96.9	96.9	96.9	96.9	95.4	92.2	85.8	74.7	62.0	47.7	31.8
110°	92.2	90.6	90.6	89.0	87.4	82.6	76.3	66.7	55.6	41.3	27.0



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	87.4	85.8	84.2	82.6	79.5	74.7	68.3	60.4	49.3	36.6	23.8
115°	82.6	81.1	79.5	76.3	73.1	68.3	62.0	54.0	42.9	31.8	20.7
117.5°	77.9	76.3	73.1	69.9	66.7	62.0	55.6	47.7	38.1	28.6	19.1
120°	71.5	69.9	68.3	65.2	62.0	55.6	49.3	42.9	33.4	25.4	15.9
122.5°	66.7	65.2	62.0	60.4	55.6	50.9	44.5	38.1	30.2	22.2	14.3
125°	60.4	58.8	57.2	54.0	50.9	44.5	39.7	33.4	27.0	19.1	11.1
127.5°	55.6	54.0	50.9	47.7	44.5	39.7	35.0	30.2	23.8	15.9	11.1
130°	49.3	47.7	46.1	42.9	39.7	35.0	31.8	25.4	20.7	14.3	9.5
132.5°	42.9	42.9	41.3	38.1	35.0	31.8	27.0	22.2	17.5	12.7	7.9
135°	39.7	38.1	36.6	33.4	31.8	27.0	23.8	19.1	14.3	11.1	6.4
137.5°	35.0	33.4	31.8	30.2	27.0	23.8	20.7	15.9	12.7	9.5	6.4
140°	30.2	28.6	28.6	25.4	23.8	20.7	17.5	14.3	11.1	7.9	4.8
142.5°	27.0	25.4	23.8	22.2	20.7	17.5	14.3	11.1	9.5	6.4	4.8
145°	23.8	22.2	20.7	19.1	17.5	14.3	12.7	9.5	7.9	6.4	4.8
147.5°	19.1	19.1	17.5	15.9	14.3	12.7	11.1	9.5	6.4	4.8	3.2
150°	15.9	15.9	14.3	12.7	12.7	11.1	9.5	7.9	6.4	4.8	3.2
152.5°	14.3	12.7	12.7	11.1	11.1	9.5	7.9	6.4	4.8	4.8	3.2
155°	11.1	11.1	11.1	9.5	9.5	7.9	6.4	6.4	4.8	3.2	3.2
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: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3081.5	3062.5	3078.4	3107.0	3103.8	3100.6	3097.4	3103.8	3124.5	3113.3	3095.8
5°	3076.8	3057.7	3075.2	3102.2	3100.6	3095.8	3092.7	3099.0	3119.7	3108.6	3089.5
7.5°	3067.2	3049.8	3062.5	3089.5	3089.5	3086.3	3083.1	3089.5	3108.6	3099.0	3080.0
10°	3051.3	3038.6	3051.3	3076.8	3078.4	3072.0	3068.8	3076.8	3095.8	3091.1	3075.2
12.5°	3038.6	3025.9	3040.2	3065.7	3067.2	3060.9	3056.1	3065.7	3091.1	3094.3	3089.5
15°	3021.2	3010.0	3027.5	3054.5	3054.5	3049.8	3049.8	3062.5	3097.4	3111.7	3119.7
17.5°	2995.7	2987.8	3008.4	3035.5	3037.0	3033.9	3035.5	3060.9	3107.0	3141.9	3164.2
20°	2963.9	2960.8	2983.0	3011.6	3016.4	3018.0	3025.9	3064.1	3127.6	3175.3	3197.6
22.5°	2925.8	2927.4	2952.8	2983.0	2989.4	2994.1	3010.0	3064.1	3143.5	3194.4	3203.9
25°	2882.9	2887.7	2914.7	2951.2	2959.2	2968.7	2995.7	3065.7	3148.3	3181.7	3165.8
27.5°	2836.8	2846.3	2881.3	2919.4	2929.0	2944.9	2979.8	3056.1	3126.0	3127.6	3068.8
30°	2789.1	2800.2	2841.6	2886.1	2902.0	2917.9	2960.8	3033.9	3072.0	3021.2	2917.9
32.5°	2735.1	2751.0	2792.3	2846.3	2865.4	2886.1	2929.0	2991.0	2976.7	2867.0	2719.2
35°	2666.8	2689.0	2736.7	2800.2	2817.7	2844.7	2874.9	2889.2	2825.7	2669.9	2503.1
37.5°	2582.5	2615.9	2671.5	2744.6	2763.7	2781.2	2789.1	2749.4	2622.3	2453.8	2280.6
40°	2485.6	2536.4	2596.8	2677.9	2696.9	2696.9	2668.3	2584.1	2423.6	2202.7	2010.4
42.5°	2368.0	2430.0	2506.2	2587.3	2606.4	2584.1	2515.8	2368.0	2185.2	1938.9	1735.5
45°	2224.9	2307.6	2393.4	2477.6	2487.2	2437.9	2315.5	2128.0	1902.3	1673.5	1479.6
47.5°	2054.9	2163.0	2256.7	2352.1	2339.4	2256.7	2093.0	1880.1	1641.7	1425.6	1269.8
50°	1864.2	1991.3	2096.2	2186.8	2159.8	2045.4	1853.1	1630.6	1393.8	1209.4	1080.7
52.5°	1660.8	1807.0	1911.9	1985.0	1948.4	1811.7	1600.4	1387.4	1193.5	1025.1	939.2
55°	1449.4	1597.2	1705.3	1762.5	1714.8	1567.0	1358.8	1164.9	982.2	872.5	821.6
57.5°	1244.4	1382.6	1484.4	1530.4	1470.1	1322.3	1130.0	966.3	834.4	742.2	716.7
60°	1047.3	1160.1	1257.1	1292.1	1226.9	1090.2	924.9	794.6	697.7	634.1	621.4
62.5°	864.5	956.7	1033.0	1060.0	996.5	890.0	746.9	650.0	581.7	549.9	534.0
65°	713.6	767.6	845.5	840.7	802.6	704.0	599.1	530.8	486.3	465.6	456.1
67.5°	561.0	610.3	659.5	665.9	618.2	549.9	481.5	432.3	408.4	397.3	392.5
70°	433.9	470.4	500.6	492.7	467.2	424.3	381.4	354.4	344.9	340.1	340.1
72.5°	336.9	356.0	370.3	360.8	344.9	322.6	302.0	290.8	292.4	295.6	298.8
75°	260.6	265.4	268.6	259.0	255.9	241.6	240.0	241.6	251.1	260.6	265.4
77.5°	200.2	193.9	189.1	179.6	181.2	179.6	187.5	200.2	214.5	228.9	241.6
80°	154.2	139.9	128.7	119.2	124.0	131.9	147.8	166.9	185.9	201.8	217.7
82.5°	119.2	98.5	82.6	73.1	82.6	95.4	116.0	139.9	162.1	179.6	197.1
85°	92.2	68.3	49.3	39.7	49.3	68.3	90.6	117.6	141.4	160.5	178.0
87.5°	71.5	49.3	27.0	15.9	27.0	47.7	73.1	98.5	122.4	144.6	162.1
90°	57.2	33.4	12.7	3.2	14.3	33.4	57.2	82.6	106.5	130.3	147.8
92.5°	46.1	23.8	6.4	0.0	7.9	25.4	47.7	71.5	95.4	117.6	135.1
95°	38.1	19.1	4.8	0.0	6.4	19.1	38.1	62.0	84.2	106.5	120.8
97.5°	31.8	14.3	3.2	0.0	3.2	15.9	31.8	52.4	74.7	95.4	109.7
100°	27.0	12.7	3.2	0.0	3.2	12.7	27.0	46.1	65.2	84.2	98.5
102.5°	22.2	9.5	1.6	1.6	1.6	9.5	23.8	39.7	57.2	74.7	89.0
105°	20.7	7.9	1.6	1.6	1.6	7.9	20.7	35.0	50.9	66.7	79.5
107.5°	17.5	6.4	1.6	1.6	1.6	6.4	17.5	30.2	46.1	60.4	71.5
110°	14.3	6.4	1.6	1.6	1.6	6.4	14.3	27.0	39.7	52.4	63.6



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	12.7	4.8	1.6	1.6	1.6	4.8	12.7	23.8	35.0	47.7	57.2
115°	11.1	4.8	1.6	1.6	1.6	4.8	11.1	20.7	30.2	41.3	50.9
117.5°	9.5	4.8	1.6	1.6	1.6	3.2	9.5	17.5	27.0	36.6	46.1
120°	7.9	3.2	1.6	1.6	1.6	3.2	7.9	15.9	23.8	31.8	39.7
122.5°	7.9	3.2	1.6	1.6	1.6	3.2	6.4	12.7	20.7	27.0	35.0
125°	6.4	3.2	1.6	1.6	1.6	1.6	6.4	11.1	17.5	23.8	30.2
127.5°	6.4	3.2	1.6	1.6	1.6	1.6	4.8	9.5	14.3	20.7	27.0
130°	4.8	3.2	1.6	1.6	1.6	1.6	3.2	7.9	12.7	17.5	22.2
132.5°	4.8	3.2	1.6	1.6	1.6	1.6	3.2	6.4	9.5	14.3	19.1
135°	4.8	1.6	1.6	1.6	1.6	1.6	1.6	4.8	7.9	11.1	14.3
137.5°	3.2	1.6	1.6	1.6	1.6	1.6	1.6	3.2	6.4	7.9	12.7
140°	3.2	1.6	1.6	1.6	1.6	1.6	1.6	3.2	4.8	6.4	9.5
142.5°	3.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.2	4.8	7.9
145°	3.2	1.6	1.6	3.2	3.2	1.6	1.6	3.2	3.2	4.8	6.4
147.5°	3.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.2	3.2	4.8
150°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.8
152.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
155°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3092.7	3056.1	3075.2	3068.8	3075.2	3091.1	3089.5	3084.7	3087.9	3080.0	3072.0
5°	3086.3	3049.8	3068.8	3060.9	3068.8	3084.7	3081.5	3076.8	3081.5	3072.0	3064.1
7.5°	3078.4	3045.0	3067.2	3065.7	3080.0	3100.6	3102.2	3102.2	3113.3	3099.0	3092.7
10°	3078.4	3060.9	3091.1	3102.2	3138.8	3165.8	3169.0	3175.3	3194.4	3191.2	3175.3
12.5°	3111.7	3108.6	3153.1	3180.1	3213.5	3251.6	3272.3	3278.6	3291.3	3281.8	3275.4
15°	3154.6	3170.5	3219.8	3250.0	3286.6	3315.2	3319.9	3323.1	3332.6	3318.3	3307.2
17.5°	3211.9	3221.4	3261.1	3273.8	3297.7	3302.4	3296.1	3280.2	3280.2	3248.4	3238.9
20°	3238.9	3234.1	3250.0	3229.3	3219.8	3191.2	3164.2	3134.0	3132.4	3099.0	3095.8
22.5°	3215.0	3183.3	3149.9	3099.0	3076.8	3035.5	2998.9	2981.4	2970.3	2927.4	2916.3
25°	3130.8	3052.9	3003.7	2943.3	2889.2	2841.6	2806.6	2770.1	2735.1	2700.1	2684.2
27.5°	2984.6	2911.5	2832.0	2747.8	2673.1	2600.0	2541.2	2504.6	2471.3	2425.2	2401.3
30°	2805.0	2703.3	2615.9	2534.8	2412.5	2323.5	2274.2	2201.1	2175.7	2155.0	2110.5
32.5°	2593.6	2471.3	2352.1	2242.4	2116.9	2034.2	1969.1	1915.0	1899.1	1845.1	1832.4
35°	2360.0	2199.5	2064.4	1956.4	1865.8	1765.6	1711.6	1675.1	1643.3	1606.7	1600.4
37.5°	2085.1	1940.5	1787.9	1692.5	1621.0	1535.2	1493.9	1468.5	1454.2	1427.1	1422.4
40°	1808.6	1663.9	1559.0	1463.7	1419.2	1373.1	1342.9	1331.8	1325.4	1315.9	1306.4
42.5°	1557.5	1430.3	1355.6	1292.1	1273.0	1250.7	1242.8	1249.1	1242.8	1239.6	1238.0
45°	1344.5	1247.6	1195.1	1176.0	1171.3	1164.9	1171.3	1182.4	1184.0	1180.8	1180.8
47.5°	1150.6	1104.5	1082.3	1085.5	1093.4	1098.2	1109.3	1123.6	1126.8	1118.8	1122.0
50°	1023.5	996.5	991.7	1004.4	1021.9	1028.2	1041.0	1052.1	1050.5	1047.3	1044.1
52.5°	904.3	896.3	909.0	921.8	940.8	944.0	948.8	953.5	952.0	945.6	942.4
55°	804.2	810.5	821.6	826.4	840.7	839.1	840.7	840.7	834.4	831.2	826.4
57.5°	713.6	715.2	721.5	723.1	731.1	727.9	726.3	723.1	713.6	712.0	707.2
60°	621.4	618.2	632.5	621.4	627.8	621.4	619.8	611.9	602.3	600.7	597.6
62.5°	534.0	527.6	537.2	532.4	535.6	529.2	526.0	516.5	508.6	507.0	505.4
65°	456.1	452.9	462.5	460.9	464.1	456.1	452.9	446.6	440.2	438.6	437.0
67.5°	391.0	398.9	403.7	403.7	406.8	405.3	397.3	395.7	394.1	387.8	387.8
70°	343.3	348.0	357.6	359.2	357.6	360.8	354.4	352.8	351.2	348.0	346.5
72.5°	305.1	311.5	321.0	322.6	321.0	321.0	317.8	316.3	316.3	311.5	311.5
75°	274.9	282.9	290.8	290.8	290.8	287.7	284.5	284.5	281.3	279.7	276.5
77.5°	249.5	259.0	265.4	263.8	262.2	259.0	259.0	254.3	249.5	249.5	246.3
80°	230.4	236.8	241.6	240.0	238.4	233.6	232.0	227.3	224.1	219.3	219.3
82.5°	209.8	217.7	220.9	219.3	216.1	211.4	209.8	206.6	203.4	201.8	198.7
85°	192.3	200.2	201.8	198.7	195.5	192.3	190.7	189.1	187.5	184.4	184.4
87.5°	174.8	182.8	182.8	181.2	178.0	176.4	174.8	173.2	171.6	170.0	168.5
90°	160.5	166.9	166.9	165.3	163.7	162.1	160.5	158.9	157.3	155.7	155.7
92.5°	146.2	152.6	152.6	151.0	149.4	147.8	147.8	146.2	144.6	143.0	141.4
95°	133.5	139.9	139.9	139.9	138.3	136.7	136.7	135.1	133.5	133.5	131.9
97.5°	120.8	127.1	127.1	127.1	125.6	124.0	124.0	122.4	122.4	122.4	120.8
100°	109.7	114.4	116.0	116.0	114.4	114.4	114.4	112.8	112.8	112.8	111.2
102.5°	98.5	103.3	106.5	106.5	106.5	104.9	104.9	104.9	104.9	104.9	103.3
105°	89.0	93.8	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
107.5°	81.1	85.8	89.0	90.6	92.2	92.2	93.8	93.8	93.8	93.8	93.8
110°	73.1	77.9	82.6	84.2	85.8	87.4	87.4	89.0	87.4	87.4	87.4



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	65.2	71.5	74.7	77.9	79.5	81.1	82.6	82.6	82.6	82.6	82.6
115°	58.8	65.2	68.3	71.5	74.7	76.3	76.3	77.9	77.9	77.9	76.3
117.5°	52.4	58.8	62.0	65.2	66.7	69.9	71.5	71.5	71.5	71.5	69.9
120°	47.7	52.4	55.6	58.8	62.0	63.6	65.2	65.2	65.2	65.2	65.2
122.5°	41.3	46.1	50.9	54.0	55.6	57.2	58.8	58.8	58.8	58.8	58.8
125°	36.6	41.3	44.5	47.7	49.3	52.4	52.4	52.4	52.4	52.4	52.4
127.5°	31.8	36.6	39.7	42.9	44.5	46.1	47.7	47.7	47.7	47.7	47.7
130°	27.0	31.8	35.0	38.1	39.7	41.3	41.3	42.9	42.9	42.9	42.9
132.5°	23.8	27.0	30.2	33.4	35.0	36.6	36.6	38.1	38.1	38.1	38.1
135°	19.1	23.8	25.4	28.6	30.2	31.8	31.8	33.4	33.4	33.4	33.4
137.5°	15.9	19.1	22.2	25.4	27.0	27.0	28.6	28.6	30.2	30.2	30.2
140°	12.7	14.3	19.1	20.7	22.2	23.8	25.4	25.4	25.4	25.4	25.4
142.5°	9.5	12.7	14.3	17.5	19.1	20.7	22.2	22.2	22.2	22.2	22.2
145°	7.9	9.5	11.1	14.3	15.9	17.5	19.1	19.1	19.1	19.1	19.1
147.5°	6.4	7.9	9.5	11.1	12.7	14.3	15.9	15.9	15.9	15.9	15.9
150°	4.8	6.4	7.9	7.9	9.5	11.1	12.7	14.3	14.3	14.3	14.3
152.5°	4.8	4.8	6.4	6.4	7.9	9.5	11.1	11.1	11.1	11.1	11.1
155°	3.2	4.8	4.8	4.8	6.4	6.4	7.9	9.5	9.5	9.5	9.5
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: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3076.8	3083.1	3080.0	3075.2	3073.6	3081.5	3073.6	3037.0	3051.3	3052.9	3064.1
5°	3072.0	3076.8	3073.6	3070.4	3065.7	3075.2	3065.7	3027.5	3041.8	3043.4	3054.5
7.5°	3103.8	3105.4	3105.4	3097.4	3084.7	3089.5	3076.8	3033.9	3041.8	3041.8	3049.8
10°	3183.3	3186.4	3191.2	3170.5	3154.6	3141.9	3124.5	3072.0	3070.4	3057.7	3057.7
12.5°	3286.6	3278.6	3270.7	3261.1	3248.4	3232.5	3207.1	3145.1	3124.5	3103.8	3083.1
15°	3316.8	3313.6	3312.0	3307.2	3299.3	3294.5	3275.4	3213.5	3183.3	3157.8	3121.3
17.5°	3237.3	3243.6	3264.3	3265.9	3275.4	3294.5	3291.3	3248.4	3221.4	3210.3	3165.8
20°	3094.3	3095.8	3121.3	3132.4	3173.7	3205.5	3229.3	3224.6	3218.2	3230.9	3197.6
22.5°	2922.6	2933.7	2960.8	2978.2	3018.0	3054.5	3092.7	3113.3	3146.7	3199.1	3192.8
25°	2689.0	2703.3	2741.4	2770.1	2825.7	2881.3	2932.2	2968.7	3008.4	3108.6	3141.9
27.5°	2409.3	2431.5	2480.8	2509.4	2587.3	2644.5	2717.6	2789.1	2844.7	2959.2	3027.5
30°	2115.3	2134.4	2186.8	2226.5	2293.3	2371.2	2463.3	2565.0	2657.2	2773.2	2859.0
32.5°	1840.3	1861.0	1903.9	1938.9	2013.6	2078.7	2180.4	2306.0	2391.8	2552.3	2666.8
35°	1600.4	1619.4	1649.6	1679.8	1741.8	1808.6	1896.0	2018.3	2128.0	2294.9	2439.5
37.5°	1431.9	1435.1	1452.6	1470.1	1516.1	1567.0	1635.3	1743.4	1845.1	2024.7	2183.6
40°	1311.1	1311.1	1320.7	1325.4	1346.1	1376.3	1419.2	1503.4	1587.7	1724.3	1918.2
42.5°	1236.4	1233.3	1233.3	1234.8	1233.3	1247.6	1273.0	1312.7	1387.4	1500.2	1651.2
45°	1180.8	1174.5	1169.7	1158.6	1152.2	1152.2	1153.8	1168.1	1211.0	1284.1	1406.5
47.5°	1118.8	1117.2	1109.3	1096.6	1085.5	1077.5	1064.8	1060.0	1072.7	1114.1	1196.7
50°	1047.3	1039.4	1031.4	1021.9	1009.2	1001.2	977.4	979.0	967.8	986.9	1029.8
52.5°	942.4	936.1	932.9	924.9	920.2	917.0	897.9	878.9	874.1	877.3	893.2
55°	826.4	829.6	816.9	823.2	821.6	807.3	799.4	785.1	780.3	778.7	786.7
57.5°	705.6	708.8	700.9	707.2	707.2	699.3	694.5	694.5	683.4	673.8	685.0
60°	596.0	589.6	594.4	602.3	602.3	597.6	594.4	594.4	586.4	583.3	591.2
62.5°	507.0	500.6	505.4	513.3	514.9	511.7	508.6	508.6	499.0	499.0	505.4
65°	438.6	440.2	438.6	445.0	445.0	446.6	443.4	440.2	429.1	433.9	432.3
67.5°	389.4	387.8	387.8	394.1	392.5	395.7	392.5	387.8	379.8	373.5	371.9
70°	348.0	346.5	346.5	349.6	351.2	351.2	349.6	346.5	335.3	329.0	324.2
72.5°	311.5	309.9	311.5	313.1	314.7	316.3	314.7	311.5	302.0	294.0	286.1
75°	278.1	276.5	281.3	281.3	282.9	282.9	284.5	282.9	274.9	265.4	255.9
77.5°	244.7	246.3	251.1	252.7	255.9	257.5	259.0	259.0	251.1	243.2	230.4
80°	217.7	220.9	224.1	225.7	228.9	233.6	235.2	236.8	230.4	222.5	208.2
82.5°	198.7	200.2	203.4	205.0	209.8	211.4	213.0	216.1	213.0	205.0	189.1
85°	182.8	184.4	187.5	187.5	190.7	193.9	195.5	197.1	195.5	187.5	171.6
87.5°	168.5	170.0	171.6	173.2	174.8	176.4	178.0	179.6	178.0	170.0	155.7
90°	155.7	155.7	157.3	157.3	158.9	160.5	163.7	163.7	162.1	155.7	141.4
92.5°	141.4	143.0	143.0	144.6	146.2	147.8	149.4	149.4	147.8	141.4	128.7
95°	131.9	131.9	133.5	133.5	135.1	135.1	136.7	136.7	135.1	128.7	116.0
97.5°	120.8	120.8	120.8	120.8	122.4	122.4	124.0	124.0	122.4	116.0	104.9
100°	111.2	111.2	111.2	111.2	111.2	112.8	112.8	112.8	111.2	104.9	93.8
102.5°	103.3	103.3	103.3	103.3	103.3	103.3	103.3	103.3	100.1	95.4	84.2
105°	98.5	98.5	98.5	96.9	96.9	96.9	95.4	95.4	90.6	85.8	76.3
107.5°	92.2	92.2	92.2	90.6	90.6	89.0	87.4	87.4	82.6	77.9	68.3
110°	87.4	87.4	87.4	85.8	84.2	82.6	81.1	79.5	74.7	68.3	60.4



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	82.6	82.6	81.1	81.1	79.5	77.9	74.7	73.1	68.3	62.0	54.0
115°	76.3	76.3	76.3	74.7	73.1	71.5	69.9	66.7	62.0	55.6	47.7
117.5°	69.9	69.9	69.9	68.3	66.7	65.2	63.6	60.4	55.6	49.3	42.9
120°	63.6	63.6	63.6	62.0	60.4	58.8	57.2	54.0	49.3	44.5	36.6
122.5°	58.8	58.8	57.2	55.6	54.0	52.4	50.9	47.7	44.5	38.1	31.8
125°	52.4	52.4	50.9	50.9	49.3	47.7	46.1	42.9	38.1	33.4	28.6
127.5°	47.7	46.1	46.1	46.1	44.5	42.9	39.7	38.1	33.4	28.6	23.8
130°	41.3	41.3	41.3	39.7	39.7	38.1	35.0	31.8	28.6	25.4	20.7
132.5°	36.6	36.6	36.6	36.6	35.0	33.4	30.2	28.6	25.4	20.7	17.5
135°	33.4	33.4	31.8	31.8	30.2	28.6	27.0	23.8	20.7	17.5	14.3
137.5°	28.6	28.6	28.6	27.0	27.0	25.4	22.2	20.7	19.1	15.9	12.7
140°	25.4	25.4	23.8	23.8	22.2	22.2	20.7	17.5	15.9	12.7	11.1
142.5°	22.2	22.2	20.7	20.7	19.1	19.1	17.5	15.9	12.7	11.1	7.9
145°	19.1	19.1	17.5	17.5	17.5	15.9	14.3	12.7	11.1	9.5	7.9
147.5°	15.9	15.9	15.9	14.3	14.3	12.7	12.7	11.1	9.5	7.9	6.4
150°	14.3	14.3	12.7	12.7	12.7	11.1	9.5	9.5	7.9	6.4	4.8
152.5°	11.1	11.1	11.1	11.1	9.5	9.5	7.9	7.9	6.4	4.8	4.8
155°	9.5	9.5	9.5	7.9	7.9	7.9	6.4	6.4	4.8	4.8	3.2
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: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8	3076.8
2.5°	3059.3	3057.7	3072.0	3070.4	3051.3	3080.0	3099.0
5°	3051.3	3049.8	3062.5	3065.7	3045.0	3075.2	3095.8
7.5°	3045.0	3043.4	3057.7	3062.5	3041.8	3068.8	3091.1
10°	3046.6	3038.6	3051.3	3054.5	3035.5	3064.1	3083.1
12.5°	3057.7	3038.6	3043.4	3043.4	3025.9	3051.3	3072.0
15°	3084.7	3045.0	3038.6	3033.9	3011.6	3035.5	3056.1
17.5°	3114.9	3060.9	3038.6	3022.7	2995.7	3016.4	3038.6
20°	3145.1	3078.4	3041.8	3016.4	2979.8	2998.9	3014.8
22.5°	3159.4	3094.3	3045.0	3006.8	2960.8	2970.3	2987.8
25°	3140.3	3087.9	3038.6	2992.5	2936.9	2938.5	2952.8
27.5°	3070.4	3056.1	3024.3	2978.2	2917.9	2909.9	2921.0
30°	2951.2	2991.0	2992.5	2959.2	2895.6	2879.7	2884.5
32.5°	2784.4	2873.4	2925.8	2919.4	2863.8	2841.6	2844.7
35°	2592.1	2703.3	2817.7	2855.9	2816.1	2798.7	2792.3
37.5°	2361.6	2511.0	2663.6	2757.3	2751.0	2739.9	2733.5
40°	2107.3	2286.9	2468.1	2617.5	2663.6	2663.6	2666.8
42.5°	1835.6	2045.4	2244.0	2433.1	2541.2	2565.0	2574.6
45°	1573.4	1784.7	2000.9	2218.6	2363.2	2437.9	2464.9
47.5°	1335.0	1547.9	1752.9	1991.3	2183.6	2280.6	2323.5
50°	1131.5	1290.5	1506.6	1743.4	1953.2	2072.4	2156.6
52.5°	963.1	1087.0	1276.2	1497.1	1708.4	1872.1	1950.0
55°	821.6	905.9	1066.4	1257.1	1458.9	1629.0	1719.6
57.5°	702.4	769.2	878.9	1037.8	1207.8	1376.3	1473.2
60°	597.6	643.6	718.3	843.9	988.5	1133.1	1226.9
62.5°	507.0	537.2	586.4	678.6	791.4	904.3	991.7
65°	437.0	449.8	476.8	534.0	619.8	705.6	780.3
67.5°	368.7	376.7	397.3	432.3	475.2	537.2	586.4
70°	317.8	317.8	319.4	340.1	362.3	402.1	437.0
72.5°	276.5	271.8	262.2	267.0	271.8	294.0	316.3
75°	243.2	232.0	216.1	209.8	206.6	209.8	222.5
77.5°	214.5	198.7	179.6	163.7	151.0	146.2	157.3
80°	190.7	171.6	149.4	128.7	108.1	96.9	101.7
82.5°	171.6	147.8	124.0	100.1	76.3	60.4	60.4
85°	151.0	128.7	103.3	77.9	54.0	33.4	30.2
87.5°	136.7	112.8	85.8	62.0	38.1	17.5	9.5
90°	122.4	98.5	73.1	49.3	27.0	7.9	0.0
92.5°	109.7	87.4	63.6	39.7	19.1	4.8	0.0
95°	98.5	77.9	54.0	33.4	15.9	3.2	1.6
97.5°	87.4	68.3	47.7	27.0	11.1	3.2	1.6
100°	79.5	60.4	41.3	22.2	9.5	1.6	1.6
102.5°	69.9	54.0	35.0	19.1	7.9	1.6	1.6
105°	62.0	47.7	30.2	15.9	6.4	1.6	1.6
107.5°	55.6	41.3	27.0	14.3	6.4	1.6	1.6
110°	49.3	36.6	23.8	12.7	4.8	1.6	1.6



TEST NUMBER: P290237

CATALOG NUMBER: 8SSRK-LC-80-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	44.5	31.8	20.7	11.1	3.2	1.6	1.6
115°	38.1	28.6	17.5	9.5	3.2	1.6	1.6
117.5°	33.4	23.8	15.9	7.9	3.2	1.6	1.6
120°	28.6	20.7	12.7	6.4	1.6	1.6	1.6
122.5°	25.4	17.5	11.1	6.4	1.6	1.6	1.6
125°	22.2	15.9	9.5	4.8	1.6	1.6	1.6
127.5°	19.1	12.7	7.9	3.2	1.6	1.6	1.6
130°	15.9	11.1	6.4	3.2	1.6	1.6	1.6
132.5°	12.7	9.5	6.4	3.2	1.6	1.6	1.6
135°	11.1	7.9	4.8	3.2	1.6	1.6	1.6
137.5°	9.5	6.4	3.2	3.2	3.2	1.6	1.6
140°	7.9	4.8	3.2	3.2	3.2	3.2	1.6
142.5°	6.4	4.8	3.2	3.2	3.2	3.2	1.6
145°	4.8	3.2	3.2	3.2	3.2	3.2	1.6
147.5°	4.8	3.2	3.2	3.2	3.2	3.2	1.6
150°	3.2	3.2	3.2	3.2	3.2	3.2	3.2
152.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2
155°	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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)