

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: P290236

Luminaire Tested: **8SSRK-LC-80-L930-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: P290236
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-L930-CD1-U
Description: 8000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6910.0 lumens
Efficiency: N/A
Efficacy: 122.0 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

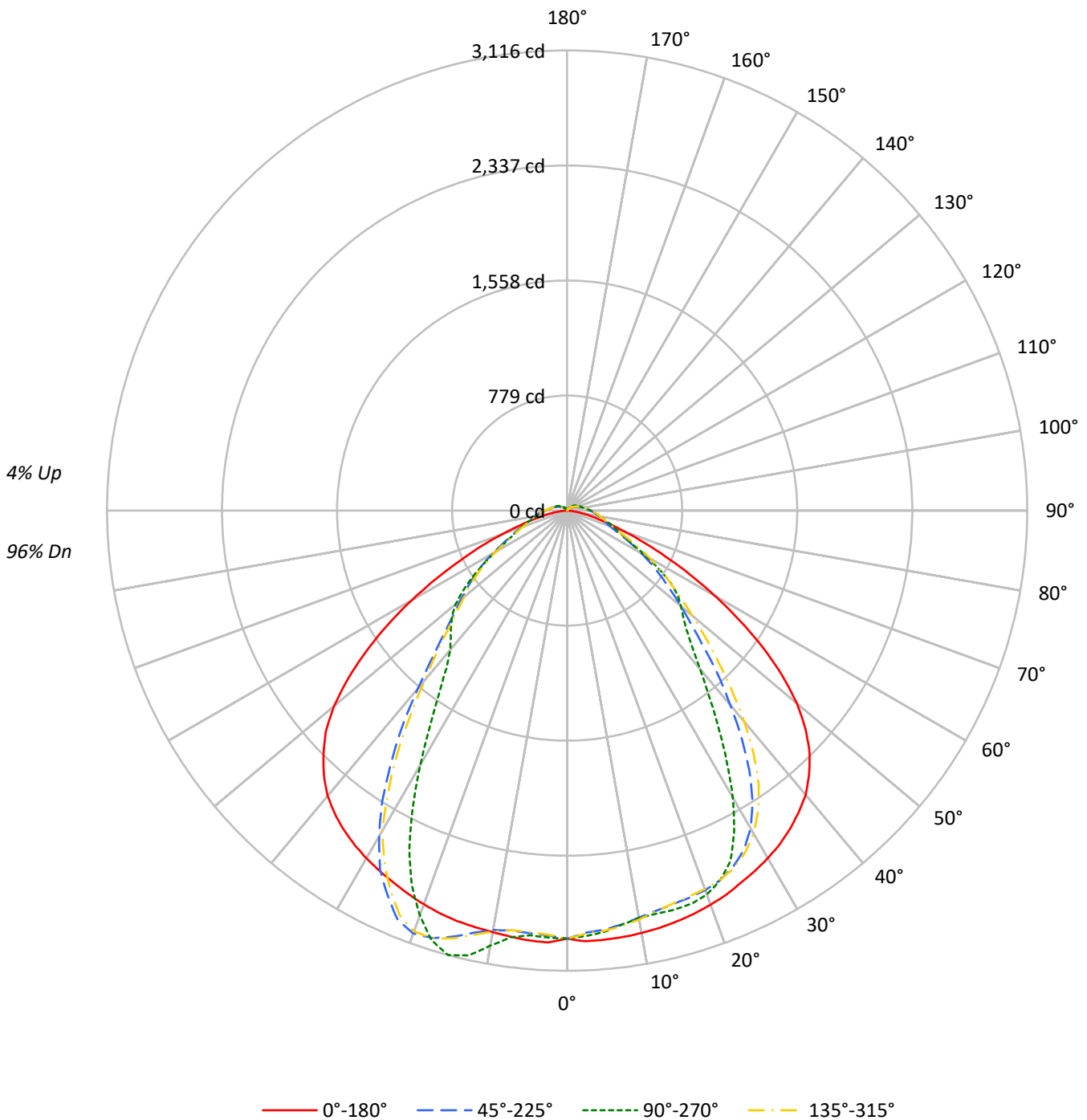
Input Watts (W): 56.6491
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-80-L930-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°	93600	93600	93600	93600
5°	94366	68772	94560	69313
10°	94892	53863	94696	57519
15°	95716	45154	95666	50275
20°	96866	38715	96763	40809
25°	98161	32544	98108	31446
30°	100119	25287	100175	22402
35°	102209	18479	102500	15637
40°	104083	13517	104518	11909
45°	103884	10434	104416	10160
50°	99593	8764	100985	8569
55°	88568	7183	90777	6529
60°	72045	5001	75873	4585
65°	53766	3464	57927	3284
70°	36766	2688	41445	2570
75°	24264	2158	28246	2040
80°	15932	1763	18677	1622
85°	8499	1508	11192	1377



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.3	4.0
10°-20°	819.2	11.9
20°-30°	1245.4	18.0
30°-40°	1336.0	19.3
40°-50°	1159.5	16.8
50°-60°	859.3	12.4
60°-70°	492.4	7.1
70°-80°	272.7	3.9
80°-90°	166.0	2.4
90°-100°	108.0	1.6
100°-110°	72.3	1.0
110°-120°	48.8	0.7
120°-130°	30.0	0.4
130°-140°	15.8	0.2
140°-150°	7.2	0.1
150°-160°	2.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2340.0	33.9
0°-40°	3676.0	53.2
0°-60°	5694.9	82.4
0°-90°	6625.9	95.9
90°-120°	229.1	3.3
90°-150°	282.0	4.1
90°-180°	284.0	4.1
0°-180°	6910.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2899	2899	2899	2899	2899	
5°	2916	2864	2922	2887	2916	278
15°	2879	2798	2878	3116	2879	815
25°	2782	2617	2780	2529	2782	1286
35°	2631	1782	2638	1508	2631	1647
45°	2322	1142	2334	1112	2322	1778
55°	1620	856	1660	778	1620	1437
65°	735	434	792	412	735	741
75°	210	276	244	260	210	239
85°	28	190	37	174	28	37
90°	0	159	3	147	0	1
95°	2	130	0	124	2	1
105°	2	97	2	93	2	2
115°	2	79	2	72	2	1
125°	2	60	2	49	2	1
135°	2	37	2	31	2	1
145°	2	22	3	18	2	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	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2919.5	2912.1	2909.1	2903.1	2907.6	2925.5	2913.5	2894.1	2895.6	2861.1	2879.1
5°	2916.5	2907.6	2903.1	2897.1	2900.1	2916.5	2904.6	2885.1	2883.6	2849.2	2865.6
7.5°	2912.1	2903.1	2895.6	2891.1	2892.6	2906.1	2891.1	2868.6	2864.1	2826.7	2841.7
10°	2904.6	2898.6	2888.1	2880.6	2879.1	2894.1	2870.1	2847.7	2837.2	2798.3	2813.2
12.5°	2894.1	2885.1	2874.6	2861.1	2859.6	2868.6	2849.2	2817.7	2807.2	2775.8	2792.3
15°	2879.1	2868.6	2856.7	2841.7	2834.2	2840.2	2816.2	2787.8	2786.3	2759.3	2781.8
17.5°	2862.6	2847.7	2834.2	2813.2	2802.8	2807.2	2787.8	2762.3	2765.3	2748.9	2774.3
20°	2840.2	2823.7	2802.8	2781.8	2766.8	2774.3	2760.8	2741.4	2745.9	2733.9	2756.3
22.5°	2814.7	2792.3	2766.8	2742.9	2730.9	2741.4	2730.9	2714.4	2715.9	2708.4	2721.9
25°	2781.8	2756.3	2726.4	2696.5	2690.5	2698.0	2692.0	2678.5	2672.5	2660.5	2666.5
27.5°	2751.9	2723.4	2686.0	2654.5	2644.1	2659.0	2645.5	2623.1	2606.6	2590.2	2578.2
30°	2717.4	2683.0	2641.1	2605.1	2596.1	2602.1	2582.7	2548.2	2504.8	2483.9	2450.9
32.5°	2680.0	2635.1	2582.7	2542.2	2536.3	2531.8	2495.8	2446.4	2379.0	2337.1	2286.2
35°	2630.6	2581.2	2518.3	2468.9	2459.9	2434.4	2376.1	2310.2	2223.3	2151.5	2064.6
37.5°	2575.2	2516.8	2450.9	2385.0	2359.6	2308.7	2226.3	2157.5	2025.7	1938.9	1834.1
40°	2512.3	2441.9	2361.1	2281.7	2239.8	2157.5	2063.1	1961.3	1834.1	1717.3	1629.0
42.5°	2425.5	2350.6	2254.8	2166.4	2094.6	1985.3	1874.5	1730.8	1614.0	1515.2	1425.3
45°	2322.2	2232.3	2121.5	2015.2	1923.9	1793.6	1663.4	1519.7	1422.3	1307.1	1245.7
47.5°	2188.9	2091.6	1973.3	1855.0	1735.3	1591.5	1455.3	1317.5	1220.2	1137.9	1093.0
50°	2031.7	1941.9	1811.6	1670.9	1539.1	1389.4	1253.2	1149.8	1055.5	1004.6	970.2
52.5°	1837.1	1753.2	1620.0	1467.3	1340.0	1193.3	1069.0	985.2	917.8	880.4	868.4
55°	1620.0	1546.6	1414.9	1272.6	1142.4	1007.6	913.3	839.9	796.5	774.1	775.5
57.5°	1387.9	1331.0	1206.7	1079.5	956.7	854.9	769.6	711.2	678.2	676.7	681.2
60°	1155.8	1113.9	1006.1	896.8	789.0	706.7	643.8	603.4	582.4	583.9	582.4
62.5°	934.3	895.3	817.5	727.6	642.3	586.9	530.0	513.5	495.6	494.1	494.1
65°	735.1	705.2	642.3	577.9	513.5	477.6	449.2	429.7	416.2	413.2	414.7
67.5°	552.5	540.5	497.1	453.7	413.2	390.8	366.8	362.3	351.8	351.8	354.8
70°	411.7	402.7	378.8	353.3	336.9	321.9	309.9	309.9	308.4	306.9	314.4
72.5°	297.9	299.4	292.0	272.5	271.0	268.0	265.0	269.5	271.0	275.5	284.5
75°	209.6	214.1	214.1	211.1	217.1	224.6	229.1	236.6	245.5	251.5	262.0
77.5°	148.2	148.2	155.7	164.7	176.7	190.1	202.1	212.6	224.6	232.1	241.0
80°	95.8	100.3	112.3	128.8	145.2	163.2	179.7	193.1	205.1	217.1	223.1
82.5°	56.9	64.4	79.4	100.3	121.3	143.7	160.2	176.7	190.1	202.1	206.6
85°	28.4	38.9	56.9	79.4	101.8	125.8	146.7	161.7	176.7	187.1	193.1
87.5°	9.0	21.0	40.4	61.4	85.3	109.3	131.8	148.2	161.7	170.7	176.7
90°	0.0	10.5	28.4	50.9	73.4	97.3	118.3	136.2	149.7	157.2	161.7
92.5°	0.0	6.0	22.5	41.9	62.9	86.8	107.8	124.3	136.2	143.7	146.7
95°	1.5	4.5	16.5	34.4	55.4	77.9	97.3	112.3	124.3	131.8	133.3
97.5°	1.5	3.0	13.5	28.4	47.9	68.9	88.3	103.3	112.3	119.8	121.3
100°	1.5	3.0	10.5	25.5	41.9	61.4	79.4	92.8	103.3	109.3	110.8
102.5°	1.5	1.5	9.0	21.0	37.4	53.9	70.4	83.8	92.8	98.8	101.8
105°	1.5	1.5	7.5	18.0	32.9	47.9	62.9	76.4	83.8	89.8	92.8
107.5°	1.5	1.5	6.0	15.0	28.4	41.9	56.9	67.4	76.4	82.3	85.3
110°	1.5	1.5	4.5	13.5	24.0	37.4	49.4	59.9	68.9	74.9	77.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.5	1.5	4.5	12.0	21.0	32.9	43.4	53.9	61.4	67.4	71.9
115°	1.5	1.5	4.5	10.5	19.5	28.4	38.9	47.9	55.4	61.4	65.9
117.5°	1.5	1.5	4.5	9.0	16.5	25.5	34.4	43.4	49.4	55.4	59.9
120°	1.5	1.5	3.0	7.5	15.0	22.5	29.9	37.4	44.9	50.9	55.4
122.5°	1.5	1.5	3.0	7.5	12.0	19.5	26.9	32.9	40.4	44.9	49.4
125°	1.5	1.5	3.0	6.0	10.5	18.0	24.0	29.9	34.4	40.4	44.9
127.5°	1.5	1.5	3.0	6.0	9.0	15.0	21.0	26.9	31.4	35.9	38.9
130°	1.5	1.5	3.0	4.5	7.5	12.0	18.0	22.5	28.4	31.4	34.4
132.5°	1.5	1.5	1.5	4.5	6.0	9.0	13.5	19.5	24.0	28.4	29.9
135°	1.5	1.5	1.5	3.0	6.0	7.5	10.5	15.0	19.5	24.0	26.9
137.5°	1.5	1.5	1.5	3.0	4.5	7.5	9.0	12.0	16.5	19.5	24.0
140°	1.5	1.5	1.5	3.0	4.5	6.0	7.5	10.5	13.5	16.5	19.5
142.5°	1.5	1.5	1.5	3.0	3.0	4.5	6.0	9.0	10.5	13.5	16.5
145°	1.5	1.5	1.5	3.0	3.0	4.5	6.0	7.5	9.0	10.5	13.5
147.5°	1.5	1.5	1.5	3.0	3.0	3.0	4.5	6.0	7.5	9.0	10.5
150°	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5	6.0	7.5	9.0
152.5°	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5	4.5	6.0	7.5
155°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5	6.0	6.0
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2873.1	2876.1	2894.1	2892.6	2889.6	2886.6	2886.6	2883.6	2886.6	2894.1	2891.1
5°	2858.2	2862.6	2876.1	2874.6	2871.6	2870.1	2868.6	2864.1	2867.1	2877.6	2874.6
7.5°	2831.2	2835.7	2847.7	2841.7	2837.2	2840.2	2832.7	2828.2	2834.2	2844.7	2843.2
10°	2802.8	2805.7	2820.7	2817.7	2810.2	2811.7	2804.3	2801.3	2808.7	2814.7	2816.2
12.5°	2783.3	2793.8	2807.2	2805.7	2804.3	2805.7	2798.3	2795.3	2799.8	2805.7	2804.3
15°	2778.8	2792.3	2807.2	2807.2	2808.7	2810.2	2802.8	2798.3	2802.8	2807.2	2805.7
17.5°	2774.3	2790.8	2804.3	2802.8	2804.3	2807.2	2795.3	2792.3	2798.3	2804.3	2801.3
20°	2759.3	2774.3	2783.3	2780.3	2780.3	2781.8	2766.8	2766.8	2775.8	2780.3	2781.8
22.5°	2717.4	2735.4	2735.4	2727.9	2727.9	2721.9	2717.4	2708.4	2718.9	2726.4	2732.4
25°	2654.5	2662.0	2653.0	2636.6	2627.6	2620.1	2599.1	2617.1	2617.1	2639.6	2647.0
27.5°	2566.2	2549.7	2524.3	2489.8	2482.4	2458.4	2444.9	2449.4	2456.9	2488.3	2512.3
30°	2421.0	2371.6	2328.1	2313.2	2280.2	2256.3	2232.3	2244.3	2257.8	2275.7	2325.1
32.5°	2229.3	2181.4	2111.0	2085.6	2051.2	2021.2	1992.8	2010.7	2034.7	2046.7	2100.6
35°	2009.2	1952.3	1888.0	1844.5	1808.6	1792.1	1756.2	1781.7	1807.1	1816.1	1862.5
37.5°	1775.7	1717.3	1660.4	1623.0	1588.5	1578.0	1554.1	1572.1	1591.5	1605.0	1643.9
40°	1554.1	1500.2	1456.8	1431.3	1407.4	1398.4	1389.4	1396.9	1411.9	1422.3	1452.3
42.5°	1363.9	1320.5	1290.6	1275.6	1259.1	1247.2	1248.7	1251.7	1259.1	1281.6	1295.1
45°	1197.8	1172.3	1152.8	1149.8	1139.4	1137.9	1136.4	1142.4	1146.9	1160.3	1170.8
47.5°	1064.5	1054.0	1049.5	1055.5	1060.0	1054.0	1057.0	1064.5	1073.5	1073.5	1072.0
50°	959.7	962.7	968.7	982.2	991.1	994.1	997.1	1006.1	1007.6	1010.6	1006.1
52.5°	874.4	877.4	893.8	914.8	925.3	929.8	935.7	944.7	944.7	947.7	941.7
55°	787.5	792.0	808.5	829.4	838.4	844.4	850.4	856.4	860.9	866.9	862.4
57.5°	691.7	705.2	715.7	721.6	727.6	732.1	736.6	738.1	747.1	748.6	756.1
60°	589.9	592.9	603.4	601.9	597.4	609.4	603.4	613.9	624.3	637.8	639.3
62.5°	492.6	494.1	501.6	498.6	504.6	503.1	507.6	507.6	515.0	521.0	528.5
65°	416.2	417.7	423.7	423.7	422.2	426.7	431.2	434.2	434.2	438.7	444.7
67.5°	359.3	363.8	369.8	372.8	375.8	375.8	380.3	381.8	384.8	386.3	389.3
70°	320.4	326.4	332.4	335.4	336.9	339.9	341.4	341.4	344.4	345.9	348.8
72.5°	292.0	297.9	302.4	302.4	305.4	306.9	306.9	308.4	309.9	312.9	315.9
75°	268.0	272.5	275.5	274.0	274.0	274.0	275.5	275.5	278.5	281.5	284.5
77.5°	245.5	250.0	250.0	247.0	247.0	247.0	247.0	248.5	250.0	253.0	256.0
80°	229.1	229.1	227.6	227.6	224.6	223.1	223.1	224.6	224.6	227.6	232.1
82.5°	211.1	211.1	209.6	208.1	206.6	205.1	205.1	206.6	208.1	209.6	212.6
85°	194.6	194.6	191.6	191.6	190.1	190.1	190.1	190.1	191.6	193.1	196.1
87.5°	178.2	176.7	175.2	173.7	173.7	173.7	173.7	173.7	175.2	178.2	179.7
90°	161.7	160.2	158.7	158.7	157.2	157.2	158.7	158.7	160.2	161.7	163.2
92.5°	146.7	145.2	143.7	143.7	142.2	142.2	143.7	142.2	145.2	145.2	146.7
95°	133.3	131.8	130.3	130.3	130.3	130.3	130.3	130.3	131.8	131.8	133.3
97.5°	121.3	119.8	118.3	118.3	119.8	118.3	119.8	119.8	119.8	121.3	122.8
100°	110.8	109.3	109.3	110.8	109.3	109.3	110.8	110.8	110.8	110.8	112.3
102.5°	101.8	101.8	101.8	101.8	101.8	101.8	103.3	103.3	103.3	103.3	104.8
105°	92.8	94.3	94.3	94.3	95.8	95.8	95.8	97.3	97.3	97.3	97.3
107.5°	86.8	88.3	88.3	89.8	89.8	91.3	91.3	91.3	91.3	92.8	92.8
110°	80.8	82.3	83.8	85.3	85.3	86.8	86.8	86.8	86.8	86.8	86.8



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	74.9	76.4	77.9	80.8	82.3	82.3	82.3	82.3	83.8	83.8	82.3
115°	68.9	71.9	73.4	76.4	77.9	77.9	79.4	79.4	79.4	79.4	77.9
117.5°	62.9	67.4	68.9	71.9	73.4	73.4	74.9	74.9	74.9	74.9	73.4
120°	58.4	61.4	64.4	65.9	67.4	68.9	68.9	70.4	70.4	70.4	68.9
122.5°	53.9	56.9	59.9	61.4	62.9	64.4	64.4	64.4	64.4	64.4	64.4
125°	47.9	50.9	53.9	55.4	56.9	58.4	58.4	59.9	59.9	59.9	58.4
127.5°	43.4	46.4	47.9	50.9	52.4	52.4	53.9	53.9	53.9	53.9	52.4
130°	37.4	40.4	43.4	44.9	46.4	46.4	47.9	47.9	47.9	47.9	47.9
132.5°	32.9	35.9	37.4	40.4	40.4	41.9	41.9	43.4	43.4	43.4	41.9
135°	29.9	31.4	32.9	35.9	35.9	37.4	37.4	37.4	37.4	37.4	37.4
137.5°	26.9	28.4	29.9	31.4	31.4	32.9	32.9	32.9	32.9	34.4	32.9
140°	22.5	25.5	26.9	26.9	28.4	28.4	28.4	29.9	29.9	29.9	28.4
142.5°	19.5	21.0	22.5	24.0	25.5	25.5	25.5	25.5	26.9	25.5	25.5
145°	15.0	18.0	19.5	21.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5
147.5°	12.0	13.5	16.5	18.0	18.0	19.5	19.5	19.5	19.5	19.5	19.5
150°	10.5	10.5	13.5	15.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5
152.5°	7.5	9.0	10.5	12.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5
155°	7.5	7.5	9.0	9.0	10.5	10.5	10.5	10.5	12.0	10.5	10.5
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: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2886.6	2885.1	2891.1	2885.1	2855.2	2867.1	2862.6	2879.1	2880.6	2885.1	2900.1
5°	2871.6	2871.6	2879.1	2873.1	2844.7	2856.7	2855.2	2871.6	2874.6	2877.6	2894.1
7.5°	2841.7	2843.2	2853.7	2849.2	2819.2	2837.2	2835.7	2855.2	2861.1	2867.1	2882.1
10°	2813.2	2811.7	2823.7	2819.2	2790.8	2811.7	2810.2	2829.7	2838.7	2849.2	2867.1
12.5°	2798.3	2793.8	2798.3	2793.8	2762.3	2778.8	2780.3	2802.8	2813.2	2826.7	2847.7
15°	2798.3	2790.8	2790.8	2781.8	2745.9	2756.3	2757.8	2772.8	2786.3	2799.8	2825.2
17.5°	2795.3	2787.8	2786.3	2778.8	2739.9	2739.9	2738.4	2748.9	2756.3	2769.8	2796.8
20°	2778.8	2775.8	2774.3	2769.8	2733.9	2727.9	2724.9	2724.9	2729.4	2733.9	2760.8
22.5°	2735.4	2738.4	2741.4	2744.4	2715.9	2705.4	2706.9	2703.9	2699.4	2699.4	2721.9
25°	2654.5	2669.5	2681.5	2695.0	2678.5	2671.0	2680.0	2675.5	2668.0	2662.0	2681.5
27.5°	2525.8	2557.2	2582.7	2615.6	2617.1	2611.1	2635.1	2632.1	2630.6	2621.6	2636.6
30°	2347.6	2397.0	2431.5	2479.4	2519.8	2525.8	2566.2	2572.2	2578.2	2573.7	2588.7
32.5°	2132.0	2199.4	2257.8	2332.6	2371.6	2406.0	2462.9	2486.8	2510.8	2518.3	2534.8
35°	1897.0	1973.3	2042.2	2124.5	2185.9	2260.8	2329.6	2365.6	2419.5	2440.4	2464.4
37.5°	1673.9	1745.7	1813.1	1895.5	1994.3	2072.1	2157.5	2238.3	2311.7	2341.6	2377.6
40°	1476.2	1534.6	1599.0	1670.9	1760.7	1862.5	1955.3	2067.6	2154.5	2214.4	2266.8
42.5°	1326.5	1355.0	1410.4	1474.7	1546.6	1649.9	1744.2	1870.0	1974.8	2060.1	2147.0
45°	1193.3	1206.7	1247.2	1281.6	1355.0	1446.3	1546.6	1669.4	1778.7	1888.0	1992.8
47.5°	1079.5	1095.9	1115.4	1136.4	1188.8	1265.1	1352.0	1462.8	1572.1	1699.3	1819.1
50°	1003.1	1007.6	1010.6	1019.6	1051.0	1103.4	1173.8	1268.1	1372.9	1509.2	1636.4
52.5°	935.7	935.7	926.8	922.3	934.3	967.2	1007.6	1075.0	1182.8	1308.6	1443.3
55°	863.9	850.4	847.4	832.4	835.4	850.4	869.9	922.3	1010.6	1118.4	1248.7
57.5°	763.6	757.6	757.6	751.6	739.6	747.1	751.6	789.0	851.9	944.7	1058.5
60°	648.3	645.3	652.8	654.3	643.8	648.3	646.8	669.2	714.2	789.0	883.3
62.5°	533.0	546.5	548.0	554.0	548.0	546.5	554.0	573.4	595.9	652.8	726.1
65°	447.7	455.1	456.6	464.1	461.1	461.1	467.1	482.1	495.6	534.5	591.4
67.5°	392.3	389.3	390.8	395.3	390.8	389.3	393.8	402.7	413.2	437.2	477.6
70°	348.8	345.9	345.9	345.9	339.9	335.4	336.9	339.9	344.4	357.8	383.3
72.5°	315.9	315.9	311.4	306.9	302.4	299.4	296.4	293.5	292.0	296.4	309.9
75°	286.0	287.5	286.0	281.5	275.5	269.5	263.5	257.5	250.0	247.0	248.5
77.5°	259.0	260.5	262.0	260.5	254.5	247.0	238.1	229.1	218.6	208.1	202.1
80°	235.1	238.1	239.6	238.1	233.6	227.6	217.1	206.6	191.6	178.2	163.2
82.5°	214.1	218.6	220.1	220.1	217.1	211.1	199.1	187.1	170.7	152.7	133.3
85°	197.6	200.6	203.6	203.6	202.1	196.1	184.2	170.7	154.2	133.3	112.3
87.5°	181.2	182.7	185.7	188.6	185.7	179.7	169.2	154.2	137.7	116.8	92.8
90°	164.7	166.2	169.2	172.2	170.7	164.7	155.7	142.2	124.3	101.8	77.9
92.5°	148.2	151.2	152.7	154.2	155.7	151.2	143.7	130.3	112.3	89.8	67.4
95°	136.2	136.2	139.2	140.7	142.2	137.7	131.8	118.3	101.8	80.8	58.4
97.5°	124.3	124.3	127.3	127.3	128.8	125.8	119.8	107.8	91.3	71.9	49.4
100°	112.3	113.8	115.3	116.8	116.8	115.3	109.3	97.3	82.3	64.4	43.4
102.5°	104.8	104.8	106.3	106.3	107.8	104.8	98.8	88.3	73.4	56.9	37.4
105°	97.3	97.3	98.8	98.8	97.3	94.3	88.3	79.4	65.9	49.4	32.9
107.5°	91.3	91.3	91.3	91.3	89.8	86.8	80.8	70.4	58.4	44.9	29.9
110°	86.8	85.3	85.3	83.8	82.3	77.9	71.9	62.9	52.4	38.9	25.5



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	82.3	80.8	79.4	77.9	74.9	70.4	64.4	56.9	46.4	34.4	22.5
115°	77.9	76.4	74.9	71.9	68.9	64.4	58.4	50.9	40.4	29.9	19.5
117.5°	73.4	71.9	68.9	65.9	62.9	58.4	52.4	44.9	35.9	26.9	18.0
120°	67.4	65.9	64.4	61.4	58.4	52.4	46.4	40.4	31.4	24.0	15.0
122.5°	62.9	61.4	58.4	56.9	52.4	47.9	41.9	35.9	28.4	21.0	13.5
125°	56.9	55.4	53.9	50.9	47.9	41.9	37.4	31.4	25.5	18.0	10.5
127.5°	52.4	50.9	47.9	44.9	41.9	37.4	32.9	28.4	22.5	15.0	10.5
130°	46.4	44.9	43.4	40.4	37.4	32.9	29.9	24.0	19.5	13.5	9.0
132.5°	40.4	40.4	38.9	35.9	32.9	29.9	25.5	21.0	16.5	12.0	7.5
135°	37.4	35.9	34.4	31.4	29.9	25.5	22.5	18.0	13.5	10.5	6.0
137.5°	32.9	31.4	29.9	28.4	25.5	22.5	19.5	15.0	12.0	9.0	6.0
140°	28.4	26.9	26.9	24.0	22.5	19.5	16.5	13.5	10.5	7.5	4.5
142.5°	25.5	24.0	22.5	21.0	19.5	16.5	13.5	10.5	9.0	6.0	4.5
145°	22.5	21.0	19.5	18.0	16.5	13.5	12.0	9.0	7.5	6.0	4.5
147.5°	18.0	18.0	16.5	15.0	13.5	12.0	10.5	9.0	6.0	4.5	3.0
150°	15.0	15.0	13.5	12.0	12.0	10.5	9.0	7.5	6.0	4.5	3.0
152.5°	13.5	12.0	12.0	10.5	10.5	9.0	7.5	6.0	4.5	4.5	3.0
155°	10.5	10.5	10.5	9.0	9.0	7.5	6.0	6.0	4.5	3.0	3.0
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: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2903.1	2885.1	2900.1	2927.0	2924.0	2921.0	2918.0	2924.0	2943.5	2933.0	2916.5
5°	2898.6	2880.6	2897.1	2922.5	2921.0	2916.5	2913.5	2919.5	2939.0	2928.5	2910.6
7.5°	2889.6	2873.1	2885.1	2910.6	2910.6	2907.6	2904.6	2910.6	2928.5	2919.5	2901.6
10°	2874.6	2862.6	2874.6	2898.6	2900.1	2894.1	2891.1	2898.6	2916.5	2912.1	2897.1
12.5°	2862.6	2850.7	2864.1	2888.1	2889.6	2883.6	2879.1	2888.1	2912.1	2915.0	2910.6
15°	2846.2	2835.7	2852.2	2877.6	2877.6	2873.1	2873.1	2885.1	2918.0	2931.5	2939.0
17.5°	2822.2	2814.7	2834.2	2859.6	2861.1	2858.2	2859.6	2883.6	2927.0	2960.0	2980.9
20°	2792.3	2789.3	2810.2	2837.2	2841.7	2843.2	2850.7	2886.6	2946.5	2991.4	3012.4
22.5°	2756.3	2757.8	2781.8	2810.2	2816.2	2820.7	2835.7	2886.6	2961.5	3009.4	3018.4
25°	2715.9	2720.4	2745.9	2780.3	2787.8	2796.8	2822.2	2888.1	2966.0	2997.4	2982.4
27.5°	2672.5	2681.5	2714.4	2750.4	2759.3	2774.3	2807.2	2879.1	2945.0	2946.5	2891.1
30°	2627.6	2638.1	2677.0	2718.9	2733.9	2748.9	2789.3	2858.2	2894.1	2846.2	2748.9
32.5°	2576.7	2591.7	2630.6	2681.5	2699.4	2718.9	2759.3	2817.7	2804.3	2700.9	2561.7
35°	2512.3	2533.3	2578.2	2638.1	2654.5	2680.0	2708.4	2721.9	2662.0	2515.3	2358.1
37.5°	2432.9	2464.4	2516.8	2585.7	2603.6	2620.1	2627.6	2590.2	2470.4	2311.7	2148.5
40°	2341.6	2389.5	2446.4	2522.8	2540.7	2540.7	2513.8	2434.4	2283.2	2075.1	1894.0
42.5°	2230.8	2289.2	2361.1	2437.4	2455.4	2434.4	2370.1	2230.8	2058.6	1826.6	1634.9
45°	2096.1	2173.9	2254.8	2334.1	2343.1	2296.7	2181.4	2004.7	1792.1	1576.6	1393.9
47.5°	1935.9	2037.7	2126.0	2215.9	2203.9	2126.0	1971.8	1771.2	1546.6	1343.0	1196.3
50°	1756.2	1876.0	1974.8	2060.1	2034.7	1926.9	1745.7	1536.1	1313.0	1139.4	1018.1
52.5°	1564.6	1702.3	1801.1	1870.0	1835.6	1706.8	1507.7	1307.1	1124.4	965.7	884.8
55°	1365.4	1504.7	1606.5	1660.4	1615.5	1476.2	1280.1	1097.4	925.3	822.0	774.1
57.5°	1172.3	1302.6	1398.4	1441.8	1384.9	1245.7	1064.5	910.3	786.0	699.2	675.2
60°	986.7	1093.0	1184.3	1217.2	1155.8	1027.1	871.4	748.6	657.3	597.4	585.4
62.5°	814.5	901.3	973.2	998.6	938.7	838.4	703.7	612.4	548.0	518.0	503.1
65°	672.2	723.1	796.5	792.0	756.1	663.3	564.4	500.1	458.1	438.7	429.7
67.5°	528.5	574.9	621.3	627.3	582.4	518.0	453.7	407.2	384.8	374.3	369.8
70°	408.7	443.2	471.6	464.1	440.2	399.8	359.3	333.9	324.9	320.4	320.4
72.5°	317.4	335.4	348.8	339.9	324.9	303.9	284.5	274.0	275.5	278.5	281.5
75°	245.5	250.0	253.0	244.0	241.0	227.6	226.1	227.6	236.6	245.5	250.0
77.5°	188.6	182.7	178.2	169.2	170.7	169.2	176.7	188.6	202.1	215.6	227.6
80°	145.2	131.8	121.3	112.3	116.8	124.3	139.2	157.2	175.2	190.1	205.1
82.5°	112.3	92.8	77.9	68.9	77.9	89.8	109.3	131.8	152.7	169.2	185.7
85°	86.8	64.4	46.4	37.4	46.4	64.4	85.3	110.8	133.3	151.2	167.7
87.5°	67.4	46.4	25.5	15.0	25.5	44.9	68.9	92.8	115.3	136.2	152.7
90°	53.9	31.4	12.0	3.0	13.5	31.4	53.9	77.9	100.3	122.8	139.2
92.5°	43.4	22.5	6.0	0.0	7.5	24.0	44.9	67.4	89.8	110.8	127.3
95°	35.9	18.0	4.5	0.0	6.0	18.0	35.9	58.4	79.4	100.3	113.8
97.5°	29.9	13.5	3.0	0.0	3.0	15.0	29.9	49.4	70.4	89.8	103.3
100°	25.5	12.0	3.0	0.0	3.0	12.0	25.5	43.4	61.4	79.4	92.8
102.5°	21.0	9.0	1.5	1.5	1.5	9.0	22.5	37.4	53.9	70.4	83.8
105°	19.5	7.5	1.5	1.5	1.5	7.5	19.5	32.9	47.9	62.9	74.9
107.5°	16.5	6.0	1.5	1.5	1.5	6.0	16.5	28.4	43.4	56.9	67.4
110°	13.5	6.0	1.5	1.5	1.5	6.0	13.5	25.5	37.4	49.4	59.9



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	12.0	4.5	1.5	1.5	1.5	4.5	12.0	22.5	32.9	44.9	53.9
115°	10.5	4.5	1.5	1.5	1.5	4.5	10.5	19.5	28.4	38.9	47.9
117.5°	9.0	4.5	1.5	1.5	1.5	3.0	9.0	16.5	25.5	34.4	43.4
120°	7.5	3.0	1.5	1.5	1.5	3.0	7.5	15.0	22.5	29.9	37.4
122.5°	7.5	3.0	1.5	1.5	1.5	3.0	6.0	12.0	19.5	25.5	32.9
125°	6.0	3.0	1.5	1.5	1.5	1.5	6.0	10.5	16.5	22.5	28.4
127.5°	6.0	3.0	1.5	1.5	1.5	1.5	4.5	9.0	13.5	19.5	25.5
130°	4.5	3.0	1.5	1.5	1.5	1.5	3.0	7.5	12.0	16.5	21.0
132.5°	4.5	3.0	1.5	1.5	1.5	1.5	3.0	6.0	9.0	13.5	18.0
135°	4.5	1.5	1.5	1.5	1.5	1.5	1.5	4.5	7.5	10.5	13.5
137.5°	3.0	1.5	1.5	1.5	1.5	1.5	1.5	3.0	6.0	7.5	12.0
140°	3.0	1.5	1.5	1.5	1.5	1.5	1.5	3.0	4.5	6.0	9.0
142.5°	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	4.5	7.5
145°	3.0	1.5	1.5	3.0	3.0	1.5	1.5	3.0	3.0	4.5	6.0
147.5°	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	4.5
150°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.5
152.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
155°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2913.5	2879.1	2897.1	2891.1	2897.1	2912.1	2910.6	2906.1	2909.1	2901.6	2894.1
5°	2907.6	2873.1	2891.1	2883.6	2891.1	2906.1	2903.1	2898.6	2903.1	2894.1	2886.6
7.5°	2900.1	2868.6	2889.6	2888.1	2901.6	2921.0	2922.5	2922.5	2933.0	2919.5	2913.5
10°	2900.1	2883.6	2912.1	2922.5	2957.0	2982.4	2985.4	2991.4	3009.4	3006.4	2991.4
12.5°	2931.5	2928.5	2970.4	2995.9	3027.3	3063.3	3082.7	3088.7	3100.7	3091.7	3085.7
15°	2971.9	2986.9	3033.3	3061.8	3096.2	3123.2	3127.6	3130.6	3139.6	3126.2	3115.7
17.5°	3025.8	3034.8	3072.3	3084.2	3106.7	3111.2	3105.2	3090.2	3090.2	3060.3	3051.3
20°	3051.3	3046.8	3061.8	3042.3	3033.3	3006.4	2980.9	2952.5	2951.0	2919.5	2916.5
22.5°	3028.8	2998.9	2967.4	2919.5	2898.6	2859.6	2825.2	2808.7	2798.3	2757.8	2747.4
25°	2949.5	2876.1	2829.7	2772.8	2721.9	2677.0	2644.1	2609.6	2576.7	2543.7	2528.8
27.5°	2811.7	2742.9	2668.0	2588.7	2518.3	2449.4	2394.0	2359.6	2328.1	2284.7	2262.3
30°	2642.6	2546.7	2464.4	2388.0	2272.7	2188.9	2142.5	2073.6	2049.7	2030.2	1988.3
32.5°	2443.4	2328.1	2215.9	2112.5	1994.3	1916.4	1855.0	1804.1	1789.2	1738.2	1726.3
35°	2223.3	2072.1	1944.9	1843.1	1757.7	1663.4	1612.5	1578.0	1548.1	1513.7	1507.7
37.5°	1964.3	1828.1	1684.3	1594.5	1527.1	1446.3	1407.4	1383.4	1369.9	1344.5	1340.0
40°	1703.8	1567.6	1468.8	1378.9	1337.0	1293.6	1265.1	1254.7	1248.7	1239.7	1230.7
42.5°	1467.3	1347.5	1277.1	1217.2	1199.3	1178.3	1170.8	1176.8	1170.8	1167.8	1166.3
45°	1266.6	1175.3	1125.9	1107.9	1103.4	1097.4	1103.4	1113.9	1115.4	1112.4	1112.4
47.5°	1084.0	1040.6	1019.6	1022.6	1030.1	1034.6	1045.0	1058.5	1061.5	1054.0	1057.0
50°	964.2	938.7	934.3	946.2	962.7	968.7	980.7	991.1	989.6	986.7	983.7
52.5°	851.9	844.4	856.4	868.4	886.3	889.3	893.8	898.3	896.8	890.8	887.8
55°	757.6	763.6	774.1	778.5	792.0	790.5	792.0	792.0	786.0	783.0	778.5
57.5°	672.2	673.7	679.7	681.2	688.7	685.7	684.2	681.2	672.2	670.7	666.3
60°	585.4	582.4	595.9	585.4	591.4	585.4	583.9	576.4	567.4	565.9	562.9
62.5°	503.1	497.1	506.1	501.6	504.6	498.6	495.6	486.6	479.1	477.6	476.1
65°	429.7	426.7	435.7	434.2	437.2	429.7	426.7	420.7	414.7	413.2	411.7
67.5°	368.3	375.8	380.3	380.3	383.3	381.8	374.3	372.8	371.3	365.3	365.3
70°	323.4	327.9	336.9	338.4	336.9	339.9	333.9	332.4	330.9	327.9	326.4
72.5°	287.5	293.5	302.4	303.9	302.4	302.4	299.4	297.9	297.9	293.5	293.5
75°	259.0	266.5	274.0	274.0	274.0	271.0	268.0	268.0	265.0	263.5	260.5
77.5°	235.1	244.0	250.0	248.5	247.0	244.0	244.0	239.6	235.1	235.1	232.1
80°	217.1	223.1	227.6	226.1	224.6	220.1	218.6	214.1	211.1	206.6	206.6
82.5°	197.6	205.1	208.1	206.6	203.6	199.1	197.6	194.6	191.6	190.1	187.1
85°	181.2	188.6	190.1	187.1	184.2	181.2	179.7	178.2	176.7	173.7	173.7
87.5°	164.7	172.2	172.2	170.7	167.7	166.2	164.7	163.2	161.7	160.2	158.7
90°	151.2	157.2	157.2	155.7	154.2	152.7	151.2	149.7	148.2	146.7	146.7
92.5°	137.7	143.7	143.7	142.2	140.7	139.2	139.2	137.7	136.2	134.7	133.3
95°	125.8	131.8	131.8	131.8	130.3	128.8	128.8	127.3	125.8	125.8	124.3
97.5°	113.8	119.8	119.8	119.8	118.3	116.8	116.8	115.3	115.3	115.3	113.8
100°	103.3	107.8	109.3	109.3	107.8	107.8	107.8	106.3	106.3	106.3	104.8
102.5°	92.8	97.3	100.3	100.3	100.3	98.8	98.8	98.8	98.8	98.8	97.3
105°	83.8	88.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
107.5°	76.4	80.8	83.8	85.3	86.8	86.8	88.3	88.3	88.3	88.3	88.3
110°	68.9	73.4	77.9	79.4	80.8	82.3	82.3	83.8	82.3	82.3	82.3



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	61.4	67.4	70.4	73.4	74.9	76.4	77.9	77.9	77.9	77.9	77.9
115°	55.4	61.4	64.4	67.4	70.4	71.9	71.9	73.4	73.4	73.4	71.9
117.5°	49.4	55.4	58.4	61.4	62.9	65.9	67.4	67.4	67.4	67.4	65.9
120°	44.9	49.4	52.4	55.4	58.4	59.9	61.4	61.4	61.4	61.4	61.4
122.5°	38.9	43.4	47.9	50.9	52.4	53.9	55.4	55.4	55.4	55.4	55.4
125°	34.4	38.9	41.9	44.9	46.4	49.4	49.4	49.4	49.4	49.4	49.4
127.5°	29.9	34.4	37.4	40.4	41.9	43.4	44.9	44.9	44.9	44.9	44.9
130°	25.5	29.9	32.9	35.9	37.4	38.9	38.9	40.4	40.4	40.4	40.4
132.5°	22.5	25.5	28.4	31.4	32.9	34.4	34.4	35.9	35.9	35.9	35.9
135°	18.0	22.5	24.0	26.9	28.4	29.9	29.9	31.4	31.4	31.4	31.4
137.5°	15.0	18.0	21.0	24.0	25.5	25.5	26.9	26.9	28.4	28.4	28.4
140°	12.0	13.5	18.0	19.5	21.0	22.5	24.0	24.0	24.0	24.0	24.0
142.5°	9.0	12.0	13.5	16.5	18.0	19.5	21.0	21.0	21.0	21.0	21.0
145°	7.5	9.0	10.5	13.5	15.0	16.5	18.0	18.0	18.0	18.0	18.0
147.5°	6.0	7.5	9.0	10.5	12.0	13.5	15.0	15.0	15.0	15.0	15.0
150°	4.5	6.0	7.5	7.5	9.0	10.5	12.0	13.5	13.5	13.5	13.5
152.5°	4.5	4.5	6.0	6.0	7.5	9.0	10.5	10.5	10.5	10.5	10.5
155°	3.0	4.5	4.5	4.5	6.0	6.0	7.5	9.0	9.0	9.0	9.0
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: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2898.6	2904.6	2901.6	2897.1	2895.6	2903.1	2895.6	2861.1	2874.6	2876.1	2886.6
5°	2894.1	2898.6	2895.6	2892.6	2888.1	2897.1	2888.1	2852.2	2865.6	2867.1	2877.6
7.5°	2924.0	2925.5	2925.5	2918.0	2906.1	2910.6	2898.6	2858.2	2865.6	2865.6	2873.1
10°	2998.9	3001.9	3006.4	2986.9	2971.9	2960.0	2943.5	2894.1	2892.6	2880.6	2880.6
12.5°	3096.2	3088.7	3081.2	3072.3	3060.3	3045.3	3021.3	2963.0	2943.5	2924.0	2904.6
15°	3124.7	3121.7	3120.2	3115.7	3108.2	3103.7	3085.7	3027.3	2998.9	2974.9	2940.5
17.5°	3049.8	3055.8	3075.2	3076.7	3085.7	3103.7	3100.7	3060.3	3034.8	3024.3	2982.4
20°	2915.0	2916.5	2940.5	2951.0	2989.9	3019.8	3042.3	3037.8	3031.8	3043.8	3012.4
22.5°	2753.3	2763.8	2789.3	2805.7	2843.2	2877.6	2913.5	2933.0	2964.5	3013.9	3007.9
25°	2533.3	2546.7	2582.7	2609.6	2662.0	2714.4	2762.3	2796.8	2834.2	2928.5	2960.0
27.5°	2269.8	2290.7	2337.1	2364.1	2437.4	2491.3	2560.2	2627.6	2680.0	2787.8	2852.2
30°	1992.8	2010.7	2060.1	2097.6	2160.5	2233.8	2320.7	2416.5	2503.3	2612.6	2693.5
32.5°	1733.8	1753.2	1793.6	1826.6	1897.0	1958.3	2054.2	2172.4	2253.3	2404.5	2512.3
35°	1507.7	1525.6	1554.1	1582.5	1640.9	1703.8	1786.2	1901.4	2004.7	2162.0	2298.2
37.5°	1349.0	1352.0	1368.4	1384.9	1428.3	1476.2	1540.6	1642.4	1738.2	1907.4	2057.2
40°	1235.2	1235.2	1244.2	1248.7	1268.1	1296.6	1337.0	1416.3	1495.7	1624.5	1807.1
42.5°	1164.8	1161.8	1161.8	1163.3	1161.8	1175.3	1199.3	1236.7	1307.1	1413.4	1555.6
45°	1112.4	1106.4	1101.9	1091.5	1085.5	1085.5	1087.0	1100.4	1140.9	1209.7	1325.0
47.5°	1054.0	1052.5	1045.0	1033.1	1022.6	1015.1	1003.1	998.6	1010.6	1049.5	1127.4
50°	986.7	979.2	971.7	962.7	950.7	943.2	920.8	922.3	911.8	929.8	970.2
52.5°	887.8	881.8	878.9	871.4	866.9	863.9	845.9	828.0	823.5	826.5	841.4
55°	778.5	781.5	769.6	775.5	774.1	760.6	753.1	739.6	735.1	733.6	741.1
57.5°	664.8	667.8	660.3	666.3	666.3	658.8	654.3	654.3	643.8	634.8	645.3
60°	561.4	555.5	560.0	567.4	567.4	562.9	560.0	560.0	552.5	549.5	557.0
62.5°	477.6	471.6	476.1	483.6	485.1	482.1	479.1	479.1	470.1	470.1	476.1
65°	413.2	414.7	413.2	419.2	419.2	420.7	417.7	414.7	404.2	408.7	407.2
67.5°	366.8	365.3	365.3	371.3	369.8	372.8	369.8	365.3	357.8	351.8	350.3
70°	327.9	326.4	326.4	329.4	330.9	330.9	329.4	326.4	315.9	309.9	305.4
72.5°	293.5	292.0	293.5	294.9	296.4	297.9	296.4	293.5	284.5	277.0	269.5
75°	262.0	260.5	265.0	265.0	266.5	266.5	268.0	266.5	259.0	250.0	241.0
77.5°	230.6	232.1	236.6	238.1	241.0	242.5	244.0	244.0	236.6	229.1	217.1
80°	205.1	208.1	211.1	212.6	215.6	220.1	221.6	223.1	217.1	209.6	196.1
82.5°	187.1	188.6	191.6	193.1	197.6	199.1	200.6	203.6	200.6	193.1	178.2
85°	172.2	173.7	176.7	176.7	179.7	182.7	184.2	185.7	184.2	176.7	161.7
87.5°	158.7	160.2	161.7	163.2	164.7	166.2	167.7	169.2	167.7	160.2	146.7
90°	146.7	146.7	148.2	148.2	149.7	151.2	154.2	154.2	152.7	146.7	133.3
92.5°	133.3	134.7	134.7	136.2	137.7	139.2	140.7	140.7	139.2	133.3	121.3
95°	124.3	124.3	125.8	125.8	127.3	127.3	128.8	128.8	127.3	121.3	109.3
97.5°	113.8	113.8	113.8	113.8	115.3	115.3	116.8	116.8	115.3	109.3	98.8
100°	104.8	104.8	104.8	104.8	104.8	106.3	106.3	106.3	104.8	98.8	88.3
102.5°	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	94.3	89.8	79.4
105°	92.8	92.8	92.8	91.3	91.3	91.3	89.8	89.8	85.3	80.8	71.9
107.5°	86.8	86.8	86.8	85.3	85.3	83.8	82.3	82.3	77.9	73.4	64.4
110°	82.3	82.3	82.3	80.8	79.4	77.9	76.4	74.9	70.4	64.4	56.9



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	77.9	77.9	76.4	76.4	74.9	73.4	70.4	68.9	64.4	58.4	50.9
115°	71.9	71.9	71.9	70.4	68.9	67.4	65.9	62.9	58.4	52.4	44.9
117.5°	65.9	65.9	65.9	64.4	62.9	61.4	59.9	56.9	52.4	46.4	40.4
120°	59.9	59.9	59.9	58.4	56.9	55.4	53.9	50.9	46.4	41.9	34.4
122.5°	55.4	55.4	53.9	52.4	50.9	49.4	47.9	44.9	41.9	35.9	29.9
125°	49.4	49.4	47.9	47.9	46.4	44.9	43.4	40.4	35.9	31.4	26.9
127.5°	44.9	43.4	43.4	43.4	41.9	40.4	37.4	35.9	31.4	26.9	22.5
130°	38.9	38.9	38.9	37.4	37.4	35.9	32.9	29.9	26.9	24.0	19.5
132.5°	34.4	34.4	34.4	34.4	32.9	31.4	28.4	26.9	24.0	19.5	16.5
135°	31.4	31.4	29.9	29.9	28.4	26.9	25.5	22.5	19.5	16.5	13.5
137.5°	26.9	26.9	26.9	25.5	25.5	24.0	21.0	19.5	18.0	15.0	12.0
140°	24.0	24.0	22.5	22.5	21.0	21.0	19.5	16.5	15.0	12.0	10.5
142.5°	21.0	21.0	19.5	19.5	18.0	18.0	16.5	15.0	12.0	10.5	7.5
145°	18.0	18.0	16.5	16.5	16.5	15.0	13.5	12.0	10.5	9.0	7.5
147.5°	15.0	15.0	15.0	13.5	13.5	12.0	12.0	10.5	9.0	7.5	6.0
150°	13.5	13.5	12.0	12.0	12.0	10.5	9.0	9.0	7.5	6.0	4.5
152.5°	10.5	10.5	10.5	10.5	9.0	9.0	7.5	7.5	6.0	4.5	4.5
155°	9.0	9.0	9.0	7.5	7.5	7.5	6.0	6.0	4.5	4.5	3.0
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: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6	2898.6
2.5°	2882.1	2880.6	2894.1	2892.6	2874.6	2901.6	2919.5
5°	2874.6	2873.1	2885.1	2888.1	2868.6	2897.1	2916.5
7.5°	2868.6	2867.1	2880.6	2885.1	2865.6	2891.1	2912.1
10°	2870.1	2862.6	2874.6	2877.6	2859.6	2886.6	2904.6
12.5°	2880.6	2862.6	2867.1	2867.1	2850.7	2874.6	2894.1
15°	2906.1	2868.6	2862.6	2858.2	2837.2	2859.6	2879.1
17.5°	2934.5	2883.6	2862.6	2847.7	2822.2	2841.7	2862.6
20°	2963.0	2900.1	2865.6	2841.7	2807.2	2825.2	2840.2
22.5°	2976.4	2915.0	2868.6	2832.7	2789.3	2798.3	2814.7
25°	2958.5	2909.1	2862.6	2819.2	2766.8	2768.3	2781.8
27.5°	2892.6	2879.1	2849.2	2805.7	2748.9	2741.4	2751.9
30°	2780.3	2817.7	2819.2	2787.8	2727.9	2712.9	2717.4
32.5°	2623.1	2706.9	2756.3	2750.4	2698.0	2677.0	2680.0
35°	2441.9	2546.7	2654.5	2690.5	2653.0	2636.6	2630.6
37.5°	2224.8	2365.6	2509.3	2597.6	2591.7	2581.2	2575.2
40°	1985.3	2154.5	2325.1	2465.9	2509.3	2509.3	2512.3
42.5°	1729.3	1926.9	2114.0	2292.2	2394.0	2416.5	2425.5
45°	1482.2	1681.4	1885.0	2090.1	2226.3	2296.7	2322.2
47.5°	1257.6	1458.3	1651.4	1876.0	2057.2	2148.5	2188.9
50°	1066.0	1215.7	1419.3	1642.4	1840.1	1952.3	2031.7
52.5°	907.3	1024.1	1202.3	1410.4	1609.5	1763.7	1837.1
55°	774.1	853.4	1004.6	1184.3	1374.4	1534.6	1620.0
57.5°	661.8	724.6	828.0	977.7	1137.9	1296.6	1387.9
60°	562.9	606.4	676.7	795.0	931.3	1067.5	1155.8
62.5°	477.6	506.1	552.5	639.3	745.6	851.9	934.3
65°	411.7	423.7	449.2	503.1	583.9	664.8	735.1
67.5°	347.4	354.8	374.3	407.2	447.7	506.1	552.5
70°	299.4	299.4	300.9	320.4	341.4	378.8	411.7
72.5°	260.5	256.0	247.0	251.5	256.0	277.0	297.9
75°	229.1	218.6	203.6	197.6	194.6	197.6	209.6
77.5°	202.1	187.1	169.2	154.2	142.2	137.7	148.2
80°	179.7	161.7	140.7	121.3	101.8	91.3	95.8
82.5°	161.7	139.2	116.8	94.3	71.9	56.9	56.9
85°	142.2	121.3	97.3	73.4	50.9	31.4	28.4
87.5°	128.8	106.3	80.8	58.4	35.9	16.5	9.0
90°	115.3	92.8	68.9	46.4	25.5	7.5	0.0
92.5°	103.3	82.3	59.9	37.4	18.0	4.5	0.0
95°	92.8	73.4	50.9	31.4	15.0	3.0	1.5
97.5°	82.3	64.4	44.9	25.5	10.5	3.0	1.5
100°	74.9	56.9	38.9	21.0	9.0	1.5	1.5
102.5°	65.9	50.9	32.9	18.0	7.5	1.5	1.5
105°	58.4	44.9	28.4	15.0	6.0	1.5	1.5
107.5°	52.4	38.9	25.5	13.5	6.0	1.5	1.5
110°	46.4	34.4	22.5	12.0	4.5	1.5	1.5



TEST NUMBER: P290236

CATALOG NUMBER: 8SSRK-LC-80-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	41.9	29.9	19.5	10.5	3.0	1.5	1.5
115°	35.9	26.9	16.5	9.0	3.0	1.5	1.5
117.5°	31.4	22.5	15.0	7.5	3.0	1.5	1.5
120°	26.9	19.5	12.0	6.0	1.5	1.5	1.5
122.5°	24.0	16.5	10.5	6.0	1.5	1.5	1.5
125°	21.0	15.0	9.0	4.5	1.5	1.5	1.5
127.5°	18.0	12.0	7.5	3.0	1.5	1.5	1.5
130°	15.0	10.5	6.0	3.0	1.5	1.5	1.5
132.5°	12.0	9.0	6.0	3.0	1.5	1.5	1.5
135°	10.5	7.5	4.5	3.0	1.5	1.5	1.5
137.5°	9.0	6.0	3.0	3.0	3.0	1.5	1.5
140°	7.5	4.5	3.0	3.0	3.0	3.0	1.5
142.5°	6.0	4.5	3.0	3.0	3.0	3.0	1.5
145°	4.5	3.0	3.0	3.0	3.0	3.0	1.5
147.5°	4.5	3.0	3.0	3.0	3.0	3.0	1.5
150°	3.0	3.0	3.0	3.0	3.0	3.0	3.0
152.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0
155°	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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)