

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: P290238

Luminaire Tested: **8SSRK-LC-80-L940-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: P290238  
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-L940-CD1-U  
Description: 8000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.   Condition   Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7512.5 lumens  
Efficiency: N/A  
Efficacy: 132.6 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

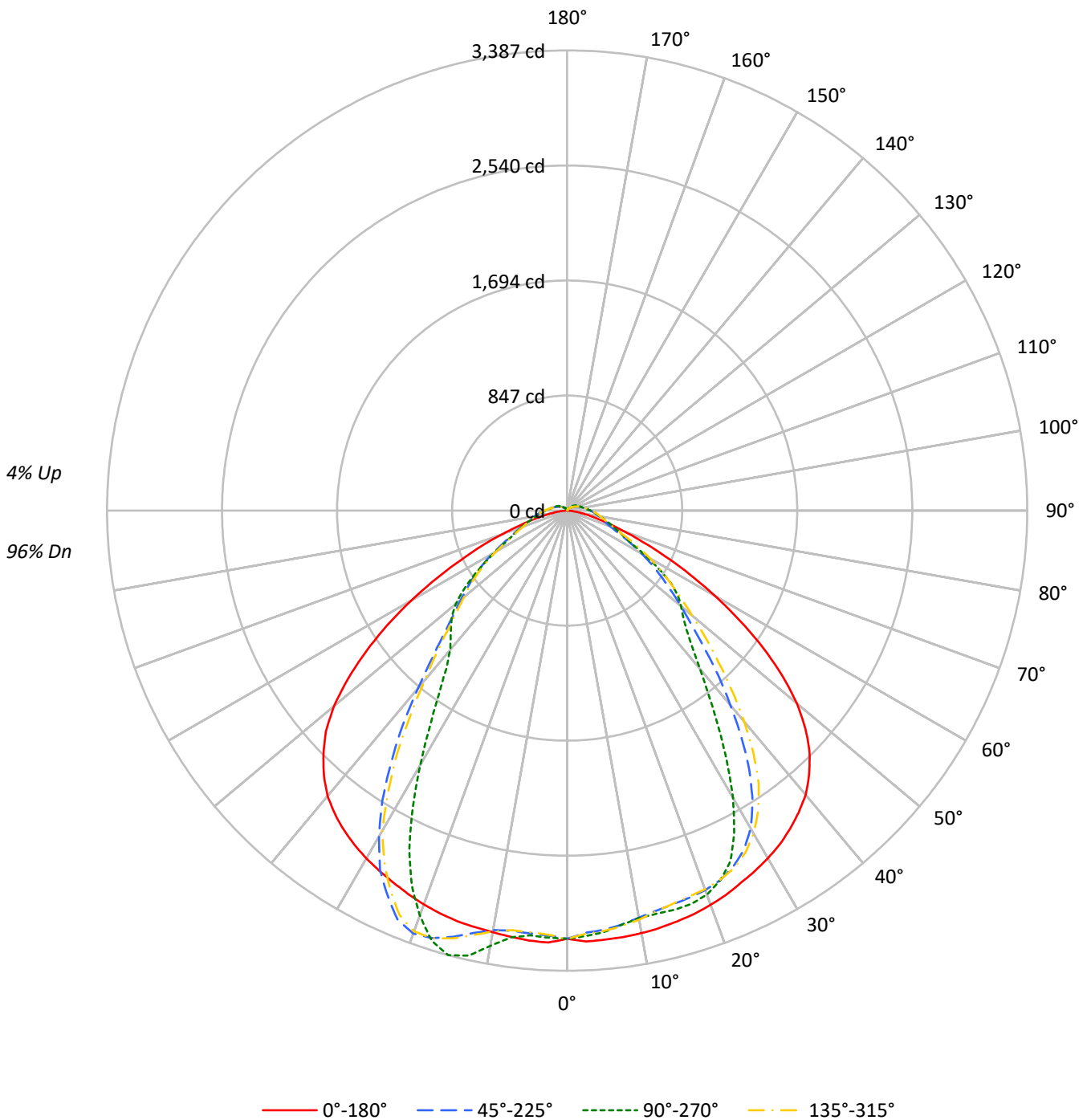
Input Watts (W): 56.6491  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-80-L940-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°	101760	101760	101760	101760
5°	102594	74770	102804	75356
10°	103164	58559	102952	62533
15°	104060	49089	104007	54658
20°	105310	42091	105201	44368
25°	106718	35382	106662	34187
30°	108848	27492	108910	24355
35°	111118	20090	111437	17000
40°	113156	14695	113628	12947
45°	112938	11344	113520	11046
50°	108274	9528	109794	9316
55°	96288	7809	98694	7099
60°	78329	5437	82492	4985
65°	58454	3765	62981	3571
70°	39972	2922	45062	2794
75°	26383	2346	30712	2218
80°	17329	1917	20306	1763
85°	9247	1639	12179	1497



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	299.3	4.0
10°-20°	890.6	11.9
20°-30°	1354.0	18.0
30°-40°	1452.5	19.3
40°-50°	1260.6	16.8
50°-60°	934.3	12.4
60°-70°	535.3	7.1
70°-80°	296.4	3.9
80°-90°	180.5	2.4
90°-100°	117.4	1.6
100°-110°	78.6	1.0
110°-120°	53.1	0.7
120°-130°	32.6	0.4
130°-140°	17.1	0.2
140°-150°	7.8	0.1
150°-160°	2.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2544.0	33.9
0°-40°	3996.5	53.2
0°-60°	6191.4	82.4
0°-90°	7203.6	95.9
90°-120°	249.1	3.3
90°-150°	306.6	4.1
90°-180°	309.0	4.1
0°-180°	7512.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3151	3151	3151	3151	3151	
5°	3171	3114	3177	3138	3171	302
15°	3130	3042	3128	3387	3130	886
25°	3024	2845	3023	2749	3024	1398
35°	2860	1937	2868	1639	2860	1790
45°	2525	1242	2538	1209	2525	1933
55°	1761	931	1805	846	1761	1562
65°	799	472	861	448	799	806
75°	228	300	265	283	228	260
85°	31	207	41	189	31	41
90°	0	172	3	160	0	1
95°	2	142	0	135	2	1
105°	2	106	2	101	2	2
115°	2	86	2	78	2	2
125°	2	65	2	54	2	1
135°	2	41	2	34	2	1
145°	2	24	3	20	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°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3174.1	3166.0	3162.7	3156.2	3161.1	3180.6	3167.6	3146.4	3148.0	3110.6	3130.1
5°	3170.8	3161.1	3156.2	3149.7	3152.9	3170.8	3157.8	3136.7	3135.0	3097.6	3115.5
7.5°	3166.0	3156.2	3148.0	3143.2	3144.8	3159.4	3143.2	3118.7	3113.9	3073.2	3089.4
10°	3157.8	3151.3	3139.9	3131.8	3130.1	3146.4	3120.4	3096.0	3084.6	3042.2	3058.5
12.5°	3146.4	3136.7	3125.3	3110.6	3109.0	3118.7	3097.6	3063.4	3052.0	3017.8	3035.7
15°	3130.1	3118.7	3105.7	3089.4	3081.3	3087.8	3061.8	3030.8	3029.2	2999.9	3024.3
17.5°	3112.2	3096.0	3081.3	3058.5	3047.1	3052.0	3030.8	3003.2	3006.4	2988.5	3016.2
20°	3087.8	3069.9	3047.1	3024.3	3008.1	3016.2	3001.5	2980.4	2985.3	2972.2	2996.7
22.5°	3060.1	3035.7	3008.1	2982.0	2969.0	2980.4	2969.0	2951.1	2952.7	2944.6	2959.2
25°	3024.3	2996.7	2964.1	2931.6	2925.0	2933.2	2926.7	2912.0	2905.5	2892.5	2899.0
27.5°	2991.8	2960.9	2920.2	2886.0	2874.6	2890.9	2876.2	2851.8	2833.9	2816.0	2803.0
30°	2954.3	2916.9	2871.3	2832.3	2822.5	2829.0	2807.8	2770.4	2723.2	2700.4	2664.6
32.5°	2913.7	2864.8	2807.8	2763.9	2757.4	2752.5	2713.4	2659.7	2586.5	2540.9	2485.6
35°	2859.9	2806.2	2737.9	2684.1	2674.4	2646.7	2583.2	2511.6	2417.2	2339.1	2244.7
37.5°	2799.7	2736.2	2664.6	2593.0	2565.3	2510.0	2420.4	2345.6	2202.3	2107.9	1994.0
40°	2731.3	2654.8	2566.9	2480.7	2435.1	2345.6	2243.0	2132.3	1994.0	1867.0	1771.0
42.5°	2636.9	2555.5	2451.4	2355.3	2277.2	2158.4	2037.9	1881.7	1754.7	1647.3	1549.6
45°	2524.6	2427.0	2306.5	2190.9	2091.6	1950.0	1808.4	1652.2	1546.4	1421.0	1354.3
47.5°	2379.8	2273.9	2145.4	2016.8	1886.5	1730.3	1582.2	1432.4	1326.6	1237.1	1188.2
50°	2208.8	2111.2	1969.6	1816.6	1673.3	1510.5	1362.4	1250.1	1147.6	1092.2	1054.8
52.5°	1997.2	1906.1	1761.2	1595.2	1456.8	1297.3	1162.2	1071.1	997.8	957.1	944.1
55°	1761.2	1681.5	1538.2	1383.6	1242.0	1095.5	992.9	913.2	866.0	841.5	843.2
57.5°	1508.9	1447.1	1312.0	1173.6	1040.1	929.4	836.7	773.2	737.4	735.7	740.6
60°	1256.6	1211.0	1093.8	975.0	857.8	768.3	699.9	656.0	633.2	634.8	633.2
62.5°	1015.7	973.4	888.7	791.1	698.3	638.1	576.2	558.3	538.8	537.2	537.2
65°	799.2	766.7	698.3	628.3	558.3	519.2	488.3	467.2	452.5	449.3	450.9
67.5°	600.6	587.6	540.4	493.2	449.3	424.8	398.8	393.9	382.5	382.5	385.8
70°	447.6	437.9	411.8	384.1	366.2	350.0	336.9	336.9	335.3	333.7	341.8
72.5°	323.9	325.5	317.4	296.2	294.6	291.4	288.1	293.0	294.6	299.5	309.3
75°	227.9	232.8	232.8	229.5	236.0	244.2	249.0	257.2	266.9	273.5	284.9
77.5°	161.1	161.1	169.3	179.1	192.1	206.7	219.7	231.1	244.2	252.3	262.1
80°	104.2	109.1	122.1	140.0	157.9	177.4	195.3	210.0	223.0	236.0	242.5
82.5°	61.9	70.0	86.3	109.1	131.8	156.3	174.2	192.1	206.7	219.7	224.6
85°	30.9	42.3	61.9	86.3	110.7	136.7	159.5	175.8	192.1	203.5	210.0
87.5°	9.8	22.8	43.9	66.7	92.8	118.8	143.2	161.1	175.8	185.6	192.1
90°	0.0	11.4	30.9	55.3	79.8	105.8	128.6	148.1	162.8	170.9	175.8
92.5°	0.0	6.5	24.4	45.6	68.4	94.4	117.2	135.1	148.1	156.3	159.5
95°	1.6	4.9	17.9	37.4	60.2	84.6	105.8	122.1	135.1	143.2	144.9
97.5°	1.6	3.3	14.6	30.9	52.1	74.9	96.0	112.3	122.1	130.2	131.8
100°	1.6	3.3	11.4	27.7	45.6	66.7	86.3	100.9	112.3	118.8	120.5
102.5°	1.6	1.6	9.8	22.8	40.7	58.6	76.5	91.2	100.9	107.4	110.7
105°	1.6	1.6	8.1	19.5	35.8	52.1	68.4	83.0	91.2	97.7	100.9
107.5°	1.6	1.6	6.5	16.3	30.9	45.6	61.9	73.2	83.0	89.5	92.8
110°	1.6	1.6	4.9	14.6	26.0	40.7	53.7	65.1	74.9	81.4	84.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.6	1.6	4.9	13.0	22.8	35.8	47.2	58.6	66.7	73.2	78.1
115°	1.6	1.6	4.9	11.4	21.2	30.9	42.3	52.1	60.2	66.7	71.6
117.5°	1.6	1.6	4.9	9.8	17.9	27.7	37.4	47.2	53.7	60.2	65.1
120°	1.6	1.6	3.3	8.1	16.3	24.4	32.6	40.7	48.8	55.3	60.2
122.5°	1.6	1.6	3.3	8.1	13.0	21.2	29.3	35.8	43.9	48.8	53.7
125°	1.6	1.6	3.3	6.5	11.4	19.5	26.0	32.6	37.4	43.9	48.8
127.5°	1.6	1.6	3.3	6.5	9.8	16.3	22.8	29.3	34.2	39.1	42.3
130°	1.6	1.6	3.3	4.9	8.1	13.0	19.5	24.4	30.9	34.2	37.4
132.5°	1.6	1.6	1.6	4.9	6.5	9.8	14.6	21.2	26.0	30.9	32.6
135°	1.6	1.6	1.6	3.3	6.5	8.1	11.4	16.3	21.2	26.0	29.3
137.5°	1.6	1.6	1.6	3.3	4.9	8.1	9.8	13.0	17.9	21.2	26.0
140°	1.6	1.6	1.6	3.3	4.9	6.5	8.1	11.4	14.6	17.9	21.2
142.5°	1.6	1.6	1.6	3.3	3.3	4.9	6.5	9.8	11.4	14.6	17.9
145°	1.6	1.6	1.6	3.3	3.3	4.9	6.5	8.1	9.8	11.4	14.6
147.5°	1.6	1.6	1.6	3.3	3.3	3.3	4.9	6.5	8.1	9.8	11.4
150°	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	6.5	8.1	9.8
152.5°	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	4.9	6.5	8.1
155°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	6.5	6.5
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



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3123.6	3126.9	3146.4	3144.8	3141.5	3138.3	3138.3	3135.0	3138.3	3146.4	3143.2
5°	3107.4	3112.2	3126.9	3125.3	3122.0	3120.4	3118.7	3113.9	3117.1	3128.5	3125.3
7.5°	3078.1	3082.9	3096.0	3089.4	3084.6	3087.8	3079.7	3074.8	3081.3	3092.7	3091.1
10°	3047.1	3050.4	3066.7	3063.4	3055.3	3056.9	3048.8	3045.5	3053.6	3060.1	3061.8
12.5°	3026.0	3037.4	3052.0	3050.4	3048.8	3050.4	3042.2	3039.0	3043.9	3050.4	3048.8
15°	3021.1	3035.7	3052.0	3052.0	3053.6	3055.3	3047.1	3042.2	3047.1	3052.0	3050.4
17.5°	3016.2	3034.1	3048.8	3047.1	3048.8	3052.0	3039.0	3035.7	3042.2	3048.8	3045.5
20°	2999.9	3016.2	3026.0	3022.7	3022.7	3024.3	3008.1	3008.1	3017.8	3022.7	3024.3
22.5°	2954.3	2973.9	2973.9	2965.7	2965.7	2959.2	2954.3	2944.6	2956.0	2964.1	2970.6
25°	2886.0	2894.1	2884.4	2866.4	2856.7	2848.5	2825.8	2845.3	2845.3	2869.7	2877.8
27.5°	2789.9	2772.0	2744.4	2706.9	2698.8	2672.7	2658.1	2663.0	2671.1	2705.3	2731.3
30°	2632.1	2578.3	2531.1	2514.9	2479.0	2453.0	2427.0	2440.0	2454.6	2474.2	2527.9
32.5°	2423.7	2371.6	2295.1	2267.4	2230.0	2197.4	2166.5	2186.1	2212.1	2225.1	2283.7
35°	2184.4	2122.6	2052.6	2005.4	1966.3	1948.4	1909.3	1937.0	1964.7	1974.4	2024.9
37.5°	1930.5	1867.0	1805.2	1764.5	1727.0	1715.6	1689.6	1709.1	1730.3	1744.9	1787.3
40°	1689.6	1631.0	1583.8	1556.1	1530.1	1520.3	1510.5	1518.7	1535.0	1546.4	1578.9
42.5°	1482.9	1435.7	1403.1	1386.8	1368.9	1355.9	1357.5	1360.8	1368.9	1393.3	1408.0
45°	1302.2	1274.5	1253.4	1250.1	1238.7	1237.1	1235.5	1242.0	1246.8	1261.5	1272.9
47.5°	1157.3	1145.9	1141.0	1147.6	1152.4	1145.9	1149.2	1157.3	1167.1	1167.1	1165.5
50°	1043.4	1046.6	1053.1	1067.8	1077.6	1080.8	1084.1	1093.8	1095.5	1098.7	1093.8
52.5°	950.6	953.9	971.8	994.5	1005.9	1010.8	1017.3	1027.1	1027.1	1030.4	1023.8
55°	856.2	861.1	879.0	901.8	911.5	918.0	924.6	931.1	935.9	942.5	937.6
57.5°	752.0	766.7	778.1	784.6	791.1	796.0	800.8	802.5	812.2	813.9	822.0
60°	641.3	644.6	656.0	654.4	649.5	662.5	656.0	667.4	678.8	693.4	695.0
62.5°	535.5	537.2	545.3	542.0	548.5	546.9	551.8	551.8	559.9	566.5	574.6
65°	452.5	454.1	460.6	460.6	459.0	463.9	468.8	472.0	472.0	476.9	483.4
67.5°	390.7	395.5	402.1	405.3	408.6	408.6	413.4	415.1	418.3	420.0	423.2
70°	348.3	354.8	361.4	364.6	366.2	369.5	371.1	371.1	374.4	376.0	379.3
72.5°	317.4	323.9	328.8	328.8	332.1	333.7	333.7	335.3	336.9	340.2	343.5
75°	291.4	296.2	299.5	297.9	297.9	297.9	299.5	299.5	302.8	306.0	309.3
77.5°	266.9	271.8	271.8	268.6	268.6	268.6	268.6	270.2	271.8	275.1	278.3
80°	249.0	249.0	247.4	247.4	244.2	242.5	242.5	244.2	244.2	247.4	252.3
82.5°	229.5	229.5	227.9	226.3	224.6	223.0	223.0	224.6	226.3	227.9	231.1
85°	211.6	211.6	208.4	208.4	206.7	206.7	206.7	206.7	208.4	210.0	213.2
87.5°	193.7	192.1	190.4	188.8	188.8	188.8	188.8	188.8	190.4	193.7	195.3
90°	175.8	174.2	172.5	172.5	170.9	170.9	172.5	172.5	174.2	175.8	177.4
92.5°	159.5	157.9	156.3	156.3	154.6	154.6	156.3	154.6	157.9	157.9	159.5
95°	144.9	143.2	141.6	141.6	141.6	141.6	141.6	141.6	143.2	143.2	144.9
97.5°	131.8	130.2	128.6	128.6	130.2	128.6	130.2	130.2	130.2	131.8	133.5
100°	120.5	118.8	118.8	120.5	118.8	118.8	120.5	120.5	120.5	120.5	122.1
102.5°	110.7	110.7	110.7	110.7	110.7	110.7	112.3	112.3	112.3	112.3	113.9
105°	100.9	102.5	102.5	102.5	104.2	104.2	104.2	105.8	105.8	105.8	105.8
107.5°	94.4	96.0	96.0	97.7	97.7	99.3	99.3	99.3	99.3	100.9	100.9
110°	87.9	89.5	91.2	92.8	92.8	94.4	94.4	94.4	94.4	94.4	94.4





TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	81.4	83.0	84.6	87.9	89.5	89.5	89.5	89.5	91.2	91.2	89.5
115°	74.9	78.1	79.8	83.0	84.6	84.6	86.3	86.3	86.3	86.3	84.6
117.5°	68.4	73.2	74.9	78.1	79.8	79.8	81.4	81.4	81.4	81.4	79.8
120°	63.5	66.7	70.0	71.6	73.2	74.9	74.9	76.5	76.5	76.5	74.9
122.5°	58.6	61.9	65.1	66.7	68.4	70.0	70.0	70.0	70.0	70.0	70.0
125°	52.1	55.3	58.6	60.2	61.9	63.5	63.5	65.1	65.1	65.1	63.5
127.5°	47.2	50.5	52.1	55.3	57.0	57.0	58.6	58.6	58.6	58.6	57.0
130°	40.7	43.9	47.2	48.8	50.5	50.5	52.1	52.1	52.1	52.1	52.1
132.5°	35.8	39.1	40.7	43.9	43.9	45.6	45.6	47.2	47.2	47.2	45.6
135°	32.6	34.2	35.8	39.1	39.1	40.7	40.7	40.7	40.7	40.7	40.7
137.5°	29.3	30.9	32.6	34.2	34.2	35.8	35.8	35.8	35.8	37.4	35.8
140°	24.4	27.7	29.3	29.3	30.9	30.9	30.9	32.6	32.6	32.6	30.9
142.5°	21.2	22.8	24.4	26.0	27.7	27.7	27.7	27.7	29.3	27.7	27.7
145°	16.3	19.5	21.2	22.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4
147.5°	13.0	14.6	17.9	19.5	19.5	21.2	21.2	21.2	21.2	21.2	21.2
150°	11.4	11.4	14.6	16.3	17.9	17.9	17.9	17.9	17.9	17.9	17.9
152.5°	8.1	9.8	11.4	13.0	14.6	14.6	14.6	14.6	14.6	14.6	14.6
155°	8.1	8.1	9.8	9.8	11.4	11.4	11.4	11.4	13.0	11.4	11.4
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



TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3138.3	3136.7	3143.2	3136.7	3104.1	3117.1	3112.2	3130.1	3131.8	3136.7	3152.9
5°	3122.0	3122.0	3130.1	3123.6	3092.7	3105.7	3104.1	3122.0	3125.3	3128.5	3146.4
7.5°	3089.4	3091.1	3102.5	3097.6	3065.0	3084.6	3082.9	3104.1	3110.6	3117.1	3133.4
10°	3058.5	3056.9	3069.9	3065.0	3034.1	3056.9	3055.3	3076.4	3086.2	3097.6	3117.1
12.5°	3042.2	3037.4	3042.2	3037.4	3003.2	3021.1	3022.7	3047.1	3058.5	3073.2	3096.0
15°	3042.2	3034.1	3034.1	3024.3	2985.3	2996.7	2998.3	3014.6	3029.2	3043.9	3071.5
17.5°	3039.0	3030.8	3029.2	3021.1	2978.8	2978.8	2977.1	2988.5	2996.7	3011.3	3040.6
20°	3021.1	3017.8	3016.2	3011.3	2972.2	2965.7	2962.5	2962.5	2967.4	2972.2	3001.5
22.5°	2973.9	2977.1	2980.4	2983.6	2952.7	2941.3	2943.0	2939.7	2934.8	2934.8	2959.2
25°	2886.0	2902.3	2915.3	2929.9	2912.0	2903.9	2913.7	2908.8	2900.6	2894.1	2915.3
27.5°	2746.0	2780.2	2807.8	2843.7	2845.3	2838.8	2864.8	2861.6	2859.9	2850.2	2866.4
30°	2552.3	2606.0	2643.4	2695.5	2739.5	2746.0	2789.9	2796.5	2803.0	2798.1	2814.4
32.5°	2317.9	2391.1	2454.6	2536.0	2578.3	2615.8	2677.6	2703.7	2729.7	2737.9	2755.8
35°	2062.3	2145.4	2220.2	2309.8	2376.5	2457.9	2532.8	2571.8	2630.4	2653.2	2679.3
37.5°	1819.8	1897.9	1971.2	2060.7	2168.1	2252.8	2345.6	2433.5	2513.2	2545.8	2584.8
40°	1604.9	1668.4	1738.4	1816.6	1914.2	2024.9	2125.8	2247.9	2342.3	2407.4	2464.4
42.5°	1442.2	1473.1	1533.3	1603.3	1681.5	1793.8	1896.3	2033.0	2147.0	2239.8	2334.2
45°	1297.3	1312.0	1355.9	1393.3	1473.1	1572.4	1681.5	1814.9	1933.8	2052.6	2166.5
47.5°	1173.6	1191.5	1212.7	1235.5	1292.4	1375.4	1469.8	1590.3	1709.1	1847.5	1977.7
50°	1090.6	1095.5	1098.7	1108.5	1142.7	1199.6	1276.1	1378.7	1492.6	1640.8	1779.1
52.5°	1017.3	1017.3	1007.6	1002.7	1015.7	1051.5	1095.5	1168.7	1285.9	1422.6	1569.1
55°	939.2	924.6	921.3	905.0	908.3	924.6	945.7	1002.7	1098.7	1215.9	1357.5
57.5°	830.1	823.6	823.6	817.1	804.1	812.2	817.1	857.8	926.2	1027.1	1150.8
60°	704.8	701.6	709.7	711.3	699.9	704.8	703.2	727.6	776.4	857.8	960.4
62.5°	579.5	594.1	595.8	602.3	595.8	594.1	602.3	623.4	647.8	709.7	789.5
65°	486.7	494.8	496.5	504.6	501.3	501.3	507.9	524.1	538.8	581.1	643.0
67.5°	426.5	423.2	424.8	429.7	424.8	423.2	428.1	437.9	449.3	475.3	519.2
70°	379.3	376.0	376.0	376.0	369.5	364.6	366.2	369.5	374.4	389.0	416.7
72.5°	343.5	343.5	338.6	333.7	328.8	325.5	322.3	319.0	317.4	322.3	336.9
75°	310.9	312.5	310.9	306.0	299.5	293.0	286.5	280.0	271.8	268.6	270.2
77.5°	281.6	283.2	284.9	283.2	276.7	268.6	258.8	249.0	237.6	226.3	219.7
80°	255.6	258.8	260.4	258.8	253.9	247.4	236.0	224.6	208.4	193.7	177.4
82.5°	232.8	237.6	239.3	239.3	236.0	229.5	216.5	203.5	185.6	166.0	144.9
85°	214.9	218.1	221.4	221.4	219.7	213.2	200.2	185.6	167.7	144.9	122.1
87.5°	197.0	198.6	201.8	205.1	201.8	195.3	183.9	167.7	149.8	127.0	100.9
90°	179.1	180.7	183.9	187.2	185.6	179.1	169.3	154.6	135.1	110.7	84.6
92.5°	161.1	164.4	166.0	167.7	169.3	164.4	156.3	141.6	122.1	97.7	73.2
95°	148.1	148.1	151.4	153.0	154.6	149.8	143.2	128.6	110.7	87.9	63.5
97.5°	135.1	135.1	138.4	138.4	140.0	136.7	130.2	117.2	99.3	78.1	53.7
100°	122.1	123.7	125.3	127.0	127.0	125.3	118.8	105.8	89.5	70.0	47.2
102.5°	113.9	113.9	115.6	115.6	117.2	113.9	107.4	96.0	79.8	61.9	40.7
105°	105.8	105.8	107.4	107.4	105.8	102.5	96.0	86.3	71.6	53.7	35.8
107.5°	99.3	99.3	99.3	99.3	97.7	94.4	87.9	76.5	63.5	48.8	32.6
110°	94.4	92.8	92.8	91.2	89.5	84.6	78.1	68.4	57.0	42.3	27.7



TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	89.5	87.9	86.3	84.6	81.4	76.5	70.0	61.9	50.5	37.4	24.4
115°	84.6	83.0	81.4	78.1	74.9	70.0	63.5	55.3	43.9	32.6	21.2
117.5°	79.8	78.1	74.9	71.6	68.4	63.5	57.0	48.8	39.1	29.3	19.5
120°	73.2	71.6	70.0	66.7	63.5	57.0	50.5	43.9	34.2	26.0	16.3
122.5°	68.4	66.7	63.5	61.9	57.0	52.1	45.6	39.1	30.9	22.8	14.6
125°	61.9	60.2	58.6	55.3	52.1	45.6	40.7	34.2	27.7	19.5	11.4
127.5°	57.0	55.3	52.1	48.8	45.6	40.7	35.8	30.9	24.4	16.3	11.4
130°	50.5	48.8	47.2	43.9	40.7	35.8	32.6	26.0	21.2	14.6	9.8
132.5°	43.9	43.9	42.3	39.1	35.8	32.6	27.7	22.8	17.9	13.0	8.1
135°	40.7	39.1	37.4	34.2	32.6	27.7	24.4	19.5	14.6	11.4	6.5
137.5°	35.8	34.2	32.6	30.9	27.7	24.4	21.2	16.3	13.0	9.8	6.5
140°	30.9	29.3	29.3	26.0	24.4	21.2	17.9	14.6	11.4	8.1	4.9
142.5°	27.7	26.0	24.4	22.8	21.2	17.9	14.6	11.4	9.8	6.5	4.9
145°	24.4	22.8	21.2	19.5	17.9	14.6	13.0	9.8	8.1	6.5	4.9
147.5°	19.5	19.5	17.9	16.3	14.6	13.0	11.4	9.8	6.5	4.9	3.3
150°	16.3	16.3	14.6	13.0	13.0	11.4	9.8	8.1	6.5	4.9	3.3
152.5°	14.6	13.0	13.0	11.4	11.4	9.8	8.1	6.5	4.9	4.9	3.3
155°	11.4	11.4	11.4	9.8	9.8	8.1	6.5	6.5	4.9	3.3	3.3
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: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3156.2	3136.7	3152.9	3182.2	3179.0	3175.7	3172.5	3179.0	3200.1	3188.7	3170.8
5°	3151.3	3131.8	3149.7	3177.3	3175.7	3170.8	3167.6	3174.1	3195.2	3183.9	3164.3
7.5°	3141.5	3123.6	3136.7	3164.3	3164.3	3161.1	3157.8	3164.3	3183.9	3174.1	3154.6
10°	3125.3	3112.2	3125.3	3151.3	3152.9	3146.4	3143.2	3151.3	3170.8	3166.0	3149.7
12.5°	3112.2	3099.2	3113.9	3139.9	3141.5	3135.0	3130.1	3139.9	3166.0	3169.2	3164.3
15°	3094.3	3082.9	3100.8	3128.5	3128.5	3123.6	3123.6	3136.7	3172.5	3187.1	3195.2
17.5°	3068.3	3060.1	3081.3	3109.0	3110.6	3107.4	3109.0	3135.0	3182.2	3218.0	3240.8
20°	3035.7	3032.5	3055.3	3084.6	3089.4	3091.1	3099.2	3138.3	3203.4	3252.2	3275.0
22.5°	2996.7	2998.3	3024.3	3055.3	3061.8	3066.7	3082.9	3138.3	3219.7	3271.8	3281.5
25°	2952.7	2957.6	2985.3	3022.7	3030.8	3040.6	3068.3	3139.9	3224.5	3258.7	3242.5
27.5°	2905.5	2915.3	2951.1	2990.2	2999.9	3016.2	3052.0	3130.1	3201.8	3203.4	3143.2
30°	2856.7	2868.1	2910.4	2956.0	2972.2	2988.5	3032.5	3107.4	3146.4	3094.3	2988.5
32.5°	2801.3	2817.6	2859.9	2915.3	2934.8	2956.0	2999.9	3063.4	3048.8	2936.4	2785.1
35°	2731.3	2754.1	2803.0	2868.1	2886.0	2913.7	2944.6	2959.2	2894.1	2734.6	2563.7
37.5°	2645.1	2679.3	2736.2	2811.1	2830.6	2848.5	2856.7	2816.0	2685.8	2513.2	2335.8
40°	2545.8	2597.9	2659.7	2742.7	2762.3	2762.3	2733.0	2646.7	2482.3	2256.0	2059.1
42.5°	2425.3	2488.8	2566.9	2650.0	2669.5	2646.7	2576.7	2425.3	2238.1	1985.8	1777.5
45°	2278.8	2363.5	2451.4	2537.6	2547.4	2496.9	2371.6	2179.5	1948.4	1714.0	1515.4
47.5°	2104.7	2215.4	2311.4	2409.1	2396.0	2311.4	2143.7	1925.6	1681.5	1460.1	1300.6
50°	1909.3	2039.6	2147.0	2239.8	2212.1	2094.9	1897.9	1670.1	1427.5	1238.7	1106.9
52.5°	1701.0	1850.7	1958.2	2033.0	1995.6	1855.6	1639.1	1421.0	1222.4	1049.9	962.0
55°	1484.5	1635.9	1746.6	1805.2	1756.3	1604.9	1391.7	1193.1	1005.9	893.6	841.5
57.5°	1274.5	1416.1	1520.3	1567.5	1505.7	1354.3	1157.3	989.7	854.6	760.2	734.1
60°	1072.7	1188.2	1287.5	1323.4	1256.6	1116.6	947.3	813.9	714.6	649.5	636.4
62.5°	885.5	979.9	1058.0	1085.7	1020.6	911.5	765.0	665.7	595.8	563.2	546.9
65°	730.9	786.2	866.0	861.1	822.0	721.1	613.7	543.7	498.1	476.9	467.2
67.5°	574.6	625.1	675.5	682.0	633.2	563.2	493.2	442.7	418.3	406.9	402.1
70°	444.4	481.8	512.7	504.6	478.6	434.6	390.7	363.0	353.2	348.3	348.3
72.5°	345.1	364.6	379.3	369.5	353.2	330.4	309.3	297.9	299.5	302.8	306.0
75°	266.9	271.8	275.1	265.3	262.1	247.4	245.8	247.4	257.2	266.9	271.8
77.5°	205.1	198.6	193.7	183.9	185.6	183.9	192.1	205.1	219.7	234.4	247.4
80°	157.9	143.2	131.8	122.1	127.0	135.1	151.4	170.9	190.4	206.7	223.0
82.5°	122.1	100.9	84.6	74.9	84.6	97.7	118.8	143.2	166.0	183.9	201.8
85°	94.4	70.0	50.5	40.7	50.5	70.0	92.8	120.5	144.9	164.4	182.3
87.5°	73.2	50.5	27.7	16.3	27.7	48.8	74.9	100.9	125.3	148.1	166.0
90°	58.6	34.2	13.0	3.3	14.6	34.2	58.6	84.6	109.1	133.5	151.4
92.5°	47.2	24.4	6.5	0.0	8.1	26.0	48.8	73.2	97.7	120.5	138.4
95°	39.1	19.5	4.9	0.0	6.5	19.5	39.1	63.5	86.3	109.1	123.7
97.5°	32.6	14.6	3.3	0.0	3.3	16.3	32.6	53.7	76.5	97.7	112.3
100°	27.7	13.0	3.3	0.0	3.3	13.0	27.7	47.2	66.7	86.3	100.9
102.5°	22.8	9.8	1.6	1.6	1.6	9.8	24.4	40.7	58.6	76.5	91.2
105°	21.2	8.1	1.6	1.6	1.6	8.1	21.2	35.8	52.1	68.4	81.4
107.5°	17.9	6.5	1.6	1.6	1.6	6.5	17.9	30.9	47.2	61.9	73.2
110°	14.6	6.5	1.6	1.6	1.6	6.5	14.6	27.7	40.7	53.7	65.1



TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	13.0	4.9	1.6	1.6	1.6	4.9	13.0	24.4	35.8	48.8	58.6
115°	11.4	4.9	1.6	1.6	1.6	4.9	11.4	21.2	30.9	42.3	52.1
117.5°	9.8	4.9	1.6	1.6	1.6	3.3	9.8	17.9	27.7	37.4	47.2
120°	8.1	3.3	1.6	1.6	1.6	3.3	8.1	16.3	24.4	32.6	40.7
122.5°	8.1	3.3	1.6	1.6	1.6	3.3	6.5	13.0	21.2	27.7	35.8
125°	6.5	3.3	1.6	1.6	1.6	1.6	6.5	11.4	17.9	24.4	30.9
127.5°	6.5	3.3	1.6	1.6	1.6	1.6	4.9	9.8	14.6	21.2	27.7
130°	4.9	3.3	1.6	1.6	1.6	1.6	3.3	8.1	13.0	17.9	22.8
132.5°	4.9	3.3	1.6	1.6	1.6	1.6	3.3	6.5	9.8	14.6	19.5
135°	4.9	1.6	1.6	1.6	1.6	1.6	1.6	4.9	8.1	11.4	14.6
137.5°	3.3	1.6	1.6	1.6	1.6	1.6	1.6	3.3	6.5	8.1	13.0
140°	3.3	1.6	1.6	1.6	1.6	1.6	1.6	3.3	4.9	6.5	9.8
142.5°	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3	4.9	8.1
145°	3.3	1.6	1.6	3.3	3.3	1.6	1.6	3.3	3.3	4.9	6.5
147.5°	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3	3.3	4.9
150°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9
152.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
155°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
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: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3167.6	3130.1	3149.7	3143.2	3149.7	3166.0	3164.3	3159.4	3162.7	3154.6	3146.4
5°	3161.1	3123.6	3143.2	3135.0	3143.2	3159.4	3156.2	3151.3	3156.2	3146.4	3138.3
7.5°	3152.9	3118.7	3141.5	3139.9	3154.6	3175.7	3177.3	3177.3	3188.7	3174.1	3167.6
10°	3152.9	3135.0	3166.0	3177.3	3214.8	3242.5	3245.7	3252.2	3271.8	3268.5	3252.2
12.5°	3187.1	3183.9	3229.4	3257.1	3291.3	3330.4	3351.5	3358.0	3371.0	3361.3	3354.8
15°	3231.1	3247.3	3297.8	3328.7	3366.2	3395.5	3400.3	3403.6	3413.4	3398.7	3387.3
17.5°	3289.7	3299.4	3340.1	3353.1	3377.6	3382.4	3375.9	3359.7	3359.7	3327.1	3317.3
20°	3317.3	3312.4	3328.7	3307.6	3297.8	3268.5	3240.8	3209.9	3208.3	3174.1	3170.8
22.5°	3292.9	3260.4	3226.2	3174.1	3151.3	3109.0	3071.5	3053.6	3042.2	2998.3	2986.9
25°	3206.6	3126.9	3076.4	3014.6	2959.2	2910.4	2874.6	2837.1	2801.3	2765.5	2749.2
27.5°	3056.9	2982.0	2900.6	2814.4	2737.9	2663.0	2602.8	2565.3	2531.1	2483.9	2459.5
30°	2873.0	2768.8	2679.3	2596.2	2470.9	2379.8	2329.3	2254.4	2228.4	2207.2	2161.6
32.5°	2656.5	2531.1	2409.1	2296.7	2168.1	2083.5	2016.8	1961.4	1945.1	1889.8	1876.8
35°	2417.2	2252.8	2114.4	2003.7	1911.0	1808.4	1753.1	1715.6	1683.1	1645.6	1639.1
37.5°	2135.6	1987.5	1831.2	1733.5	1660.3	1572.4	1530.1	1504.0	1489.4	1461.7	1456.8
40°	1852.4	1704.2	1596.8	1499.1	1453.6	1406.4	1375.4	1364.0	1357.5	1347.8	1338.0
42.5°	1595.2	1465.0	1388.5	1323.4	1303.8	1281.0	1272.9	1279.4	1272.9	1269.6	1268.0
45°	1377.1	1277.8	1224.1	1204.5	1199.6	1193.1	1199.6	1211.0	1212.7	1209.4	1209.4
47.5°	1178.5	1131.3	1108.5	1111.7	1119.9	1124.8	1136.2	1150.8	1154.1	1145.9	1149.2
50°	1048.3	1020.6	1015.7	1028.7	1046.6	1053.1	1066.2	1077.6	1075.9	1072.7	1069.4
52.5°	926.2	918.0	931.1	944.1	963.6	966.9	971.8	976.6	975.0	968.5	965.2
55°	823.6	830.1	841.5	846.4	861.1	859.4	861.1	861.1	854.6	851.3	846.4
57.5°	730.9	732.5	739.0	740.6	748.8	745.5	743.9	740.6	730.9	729.2	724.3
60°	636.4	633.2	647.8	636.4	643.0	636.4	634.8	626.7	616.9	615.3	612.0
62.5°	546.9	540.4	550.2	545.3	548.5	542.0	538.8	529.0	520.9	519.2	517.6
65°	467.2	463.9	473.7	472.0	475.3	467.2	463.9	457.4	450.9	449.3	447.6
67.5°	400.4	408.6	413.4	413.4	416.7	415.1	406.9	405.3	403.7	397.2	397.2
70°	351.6	356.5	366.2	367.9	366.2	369.5	363.0	361.4	359.7	356.5	354.8
72.5°	312.5	319.0	328.8	330.4	328.8	328.8	325.5	323.9	323.9	319.0	319.0
75°	281.6	289.7	297.9	297.9	297.9	294.6	291.4	291.4	288.1	286.5	283.2
77.5°	255.6	265.3	271.8	270.2	268.6	265.3	265.3	260.4	255.6	255.6	252.3
80°	236.0	242.5	247.4	245.8	244.2	239.3	237.6	232.8	229.5	224.6	224.6
82.5°	214.9	223.0	226.3	224.6	221.4	216.5	214.9	211.6	208.4	206.7	203.5
85°	197.0	205.1	206.7	203.5	200.2	197.0	195.3	193.7	192.1	188.8	188.8
87.5°	179.1	187.2	187.2	185.6	182.3	180.7	179.1	177.4	175.8	174.2	172.5
90°	164.4	170.9	170.9	169.3	167.7	166.0	164.4	162.8	161.1	159.5	159.5
92.5°	149.8	156.3	156.3	154.6	153.0	151.4	151.4	149.8	148.1	146.5	144.9
95°	136.7	143.2	143.2	143.2	141.6	140.0	140.0	138.4	136.7	136.7	135.1
97.5°	123.7	130.2	130.2	130.2	128.6	127.0	127.0	125.3	125.3	125.3	123.7
100°	112.3	117.2	118.8	118.8	117.2	117.2	117.2	115.6	115.6	115.6	113.9
102.5°	100.9	105.8	109.1	109.1	109.1	107.4	107.4	107.4	107.4	107.4	105.8
105°	91.2	96.0	99.3	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
107.5°	83.0	87.9	91.2	92.8	94.4	94.4	96.0	96.0	96.0	96.0	96.0
110°	74.9	79.8	84.6	86.3	87.9	89.5	89.5	91.2	89.5	89.5	89.5



TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	66.7	73.2	76.5	79.8	81.4	83.0	84.6	84.6	84.6	84.6	84.6
115°	60.2	66.7	70.0	73.2	76.5	78.1	78.1	79.8	79.8	79.8	78.1
117.5°	53.7	60.2	63.5	66.7	68.4	71.6	73.2	73.2	73.2	73.2	71.6
120°	48.8	53.7	57.0	60.2	63.5	65.1	66.7	66.7	66.7	66.7	66.7
122.5°	42.3	47.2	52.1	55.3	57.0	58.6	60.2	60.2	60.2	60.2	60.2
125°	37.4	42.3	45.6	48.8	50.5	53.7	53.7	53.7	53.7	53.7	53.7
127.5°	32.6	37.4	40.7	43.9	45.6	47.2	48.8	48.8	48.8	48.8	48.8
130°	27.7	32.6	35.8	39.1	40.7	42.3	42.3	43.9	43.9	43.9	43.9
132.5°	24.4	27.7	30.9	34.2	35.8	37.4	37.4	39.1	39.1	39.1	39.1
135°	19.5	24.4	26.0	29.3	30.9	32.6	32.6	34.2	34.2	34.2	34.2
137.5°	16.3	19.5	22.8	26.0	27.7	27.7	29.3	29.3	30.9	30.9	30.9
140°	13.0	14.6	19.5	21.2	22.8	24.4	26.0	26.0	26.0	26.0	26.0
142.5°	9.8	13.0	14.6	17.9	19.5	21.2	22.8	22.8	22.8	22.8	22.8
145°	8.1	9.8	11.4	14.6	16.3	17.9	19.5	19.5	19.5	19.5	19.5
147.5°	6.5	8.1	9.8	11.4	13.0	14.6	16.3	16.3	16.3	16.3	16.3
150°	4.9	6.5	8.1	8.1	9.8	11.4	13.0	14.6	14.6	14.6	14.6
152.5°	4.9	4.9	6.5	6.5	8.1	9.8	11.4	11.4	11.4	11.4	11.4
155°	3.3	4.9	4.9	4.9	6.5	6.5	8.1	9.8	9.8	9.8	9.8
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: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3151.3	3157.8	3154.6	3149.7	3148.0	3156.2	3148.0	3110.6	3125.3	3126.9	3138.3
5°	3146.4	3151.3	3148.0	3144.8	3139.9	3149.7	3139.9	3100.8	3115.5	3117.1	3128.5
7.5°	3179.0	3180.6	3180.6	3172.5	3159.4	3164.3	3151.3	3107.4	3115.5	3115.5	3123.6
10°	3260.4	3263.6	3268.5	3247.3	3231.1	3218.0	3200.1	3146.4	3144.8	3131.8	3131.8
12.5°	3366.2	3358.0	3349.9	3340.1	3327.1	3310.8	3284.8	3221.3	3200.1	3179.0	3157.8
15°	3397.1	3393.8	3392.2	3387.3	3379.2	3374.3	3354.8	3291.3	3260.4	3234.3	3196.9
17.5°	3315.7	3322.2	3343.4	3345.0	3354.8	3374.3	3371.0	3327.1	3299.4	3288.0	3242.5
20°	3169.2	3170.8	3196.9	3208.3	3250.6	3283.1	3307.6	3302.7	3296.2	3309.2	3275.0
22.5°	2993.4	3004.8	3032.5	3050.4	3091.1	3128.5	3167.6	3188.7	3222.9	3276.6	3270.1
25°	2754.1	2768.8	2807.8	2837.1	2894.1	2951.1	3003.2	3040.6	3081.3	3183.9	3218.0
27.5°	2467.7	2490.4	2540.9	2570.2	2650.0	2708.6	2783.4	2856.7	2913.7	3030.8	3100.8
30°	2166.5	2186.1	2239.8	2280.5	2348.8	2428.6	2523.0	2627.2	2721.6	2840.4	2928.3
32.5°	1884.9	1906.1	1950.0	1985.8	2062.3	2129.1	2233.3	2361.8	2449.7	2614.1	2731.3
35°	1639.1	1658.7	1689.6	1720.5	1784.0	1852.4	1941.9	2067.2	2179.5	2350.5	2498.6
37.5°	1466.6	1469.8	1487.8	1505.7	1552.9	1604.9	1674.9	1785.6	1889.8	2073.7	2236.5
40°	1342.9	1342.9	1352.7	1357.5	1378.7	1409.6	1453.6	1539.8	1626.1	1766.1	1964.7
42.5°	1266.4	1263.1	1263.1	1264.8	1263.1	1277.8	1303.8	1344.5	1421.0	1536.6	1691.2
45°	1209.4	1202.9	1198.0	1186.6	1180.1	1180.1	1181.7	1196.4	1240.3	1315.2	1440.5
47.5°	1145.9	1144.3	1136.2	1123.1	1111.7	1103.6	1090.6	1085.7	1098.7	1141.0	1225.7
50°	1072.7	1064.5	1056.4	1046.6	1033.6	1025.5	1001.1	1002.7	991.3	1010.8	1054.8
52.5°	965.2	958.7	955.5	947.3	942.5	939.2	919.7	900.1	895.3	898.5	914.8
55°	846.4	849.7	836.7	843.2	841.5	826.9	818.8	804.1	799.2	797.6	805.7
57.5°	722.7	726.0	717.8	724.3	724.3	716.2	711.3	711.3	699.9	690.2	701.6
60°	610.4	603.9	608.8	616.9	616.9	612.0	608.8	608.8	600.6	597.4	605.5
62.5°	519.2	512.7	517.6	525.8	527.4	524.1	520.9	520.9	511.1	511.1	517.6
65°	449.3	450.9	449.3	455.8	455.8	457.4	454.1	450.9	439.5	444.4	442.7
67.5°	398.8	397.2	397.2	403.7	402.1	405.3	402.1	397.2	389.0	382.5	380.9
70°	356.5	354.8	354.8	358.1	359.7	359.7	358.1	354.8	343.5	336.9	332.1
72.5°	319.0	317.4	319.0	320.7	322.3	323.9	322.3	319.0	309.3	301.1	293.0
75°	284.9	283.2	288.1	288.1	289.7	289.7	291.4	289.7	281.6	271.8	262.1
77.5°	250.7	252.3	257.2	258.8	262.1	263.7	265.3	265.3	257.2	249.0	236.0
80°	223.0	226.3	229.5	231.1	234.4	239.3	240.9	242.5	236.0	227.9	213.2
82.5°	203.5	205.1	208.4	210.0	214.9	216.5	218.1	221.4	218.1	210.0	193.7
85°	187.2	188.8	192.1	192.1	195.3	198.6	200.2	201.8	200.2	192.1	175.8
87.5°	172.5	174.2	175.8	177.4	179.1	180.7	182.3	183.9	182.3	174.2	159.5
90°	159.5	159.5	161.1	161.1	162.8	164.4	167.7	167.7	166.0	159.5	144.9
92.5°	144.9	146.5	146.5	148.1	149.8	151.4	153.0	153.0	151.4	144.9	131.8
95°	135.1	135.1	136.7	136.7	138.4	138.4	140.0	140.0	138.4	131.8	118.8
97.5°	123.7	123.7	123.7	123.7	125.3	125.3	127.0	127.0	125.3	118.8	107.4
100°	113.9	113.9	113.9	113.9	113.9	115.6	115.6	115.6	113.9	107.4	96.0
102.5°	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	102.5	97.7	86.3
105°	100.9	100.9	100.9	99.3	99.3	99.3	97.7	97.7	92.8	87.9	78.1
107.5°	94.4	94.4	94.4	92.8	92.8	91.2	89.5	89.5	84.6	79.8	70.0
110°	89.5	89.5	89.5	87.9	86.3	84.6	83.0	81.4	76.5	70.0	61.9





TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	84.6	84.6	83.0	83.0	81.4	79.8	76.5	74.9	70.0	63.5	55.3
115°	78.1	78.1	78.1	76.5	74.9	73.2	71.6	68.4	63.5	57.0	48.8
117.5°	71.6	71.6	71.6	70.0	68.4	66.7	65.1	61.9	57.0	50.5	43.9
120°	65.1	65.1	65.1	63.5	61.9	60.2	58.6	55.3	50.5	45.6	37.4
122.5°	60.2	60.2	58.6	57.0	55.3	53.7	52.1	48.8	45.6	39.1	32.6
125°	53.7	53.7	52.1	52.1	50.5	48.8	47.2	43.9	39.1	34.2	29.3
127.5°	48.8	47.2	47.2	47.2	45.6	43.9	40.7	39.1	34.2	29.3	24.4
130°	42.3	42.3	42.3	40.7	40.7	39.1	35.8	32.6	29.3	26.0	21.2
132.5°	37.4	37.4	37.4	37.4	35.8	34.2	30.9	29.3	26.0	21.2	17.9
135°	34.2	34.2	32.6	32.6	30.9	29.3	27.7	24.4	21.2	17.9	14.6
137.5°	29.3	29.3	29.3	27.7	27.7	26.0	22.8	21.2	19.5	16.3	13.0
140°	26.0	26.0	24.4	24.4	22.8	22.8	21.2	17.9	16.3	13.0	11.4
142.5°	22.8	22.8	21.2	21.2	19.5	19.5	17.9	16.3	13.0	11.4	8.1
145°	19.5	19.5	17.9	17.9	17.9	16.3	14.6	13.0	11.4	9.8	8.1
147.5°	16.3	16.3	16.3	14.6	14.6	13.0	13.0	11.4	9.8	8.1	6.5
150°	14.6	14.6	13.0	13.0	13.0	11.4	9.8	9.8	8.1	6.5	4.9
152.5°	11.4	11.4	11.4	11.4	9.8	9.8	8.1	8.1	6.5	4.9	4.9
155°	9.8	9.8	9.8	8.1	8.1	8.1	6.5	6.5	4.9	4.9	3.3
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: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3	3151.3
2.5°	3133.4	3131.8	3146.4	3144.8	3125.3	3154.6	3174.1
5°	3125.3	3123.6	3136.7	3139.9	3118.7	3149.7	3170.8
7.5°	3118.7	3117.1	3131.8	3136.7	3115.5	3143.2	3166.0
10°	3120.4	3112.2	3125.3	3128.5	3109.0	3138.3	3157.8
12.5°	3131.8	3112.2	3117.1	3117.1	3099.2	3125.3	3146.4
15°	3159.4	3118.7	3112.2	3107.4	3084.6	3109.0	3130.1
17.5°	3190.4	3135.0	3112.2	3096.0	3068.3	3089.4	3112.2
20°	3221.3	3152.9	3115.5	3089.4	3052.0	3071.5	3087.8
22.5°	3235.9	3169.2	3118.7	3079.7	3032.5	3042.2	3060.1
25°	3216.4	3162.7	3112.2	3065.0	3008.1	3009.7	3024.3
27.5°	3144.8	3130.1	3097.6	3050.4	2988.5	2980.4	2991.8
30°	3022.7	3063.4	3065.0	3030.8	2965.7	2949.5	2954.3
32.5°	2851.8	2943.0	2996.7	2990.2	2933.2	2910.4	2913.7
35°	2654.8	2768.8	2886.0	2925.0	2884.4	2866.4	2859.9
37.5°	2418.8	2571.8	2728.1	2824.1	2817.6	2806.2	2799.7
40°	2158.4	2342.3	2527.9	2680.9	2728.1	2728.1	2731.3
42.5°	1880.0	2094.9	2298.4	2492.1	2602.8	2627.2	2636.9
45°	1611.5	1827.9	2049.3	2272.3	2420.4	2496.9	2524.6
47.5°	1367.3	1585.4	1795.4	2039.6	2236.5	2335.8	2379.8
50°	1158.9	1321.7	1543.1	1785.6	2000.5	2122.6	2208.8
52.5°	986.4	1113.4	1307.1	1533.3	1749.8	1917.5	1997.2
55°	841.5	927.8	1092.2	1287.5	1494.3	1668.4	1761.2
57.5°	719.5	787.8	900.1	1062.9	1237.1	1409.6	1508.9
60°	612.0	659.2	735.7	864.3	1012.5	1160.6	1256.6
62.5°	519.2	550.2	600.6	695.0	810.6	926.2	1015.7
65°	447.6	460.6	488.3	546.9	634.8	722.7	799.2
67.5°	377.6	385.8	406.9	442.7	486.7	550.2	600.6
70°	325.5	325.5	327.2	348.3	371.1	411.8	447.6
72.5°	283.2	278.3	268.6	273.5	278.3	301.1	323.9
75°	249.0	237.6	221.4	214.9	211.6	214.9	227.9
77.5°	219.7	203.5	183.9	167.7	154.6	149.8	161.1
80°	195.3	175.8	153.0	131.8	110.7	99.3	104.2
82.5°	175.8	151.4	127.0	102.5	78.1	61.9	61.9
85°	154.6	131.8	105.8	79.8	55.3	34.2	30.9
87.5°	140.0	115.6	87.9	63.5	39.1	17.9	9.8
90°	125.3	100.9	74.9	50.5	27.7	8.1	0.0
92.5°	112.3	89.5	65.1	40.7	19.5	4.9	0.0
95°	100.9	79.8	55.3	34.2	16.3	3.3	1.6
97.5°	89.5	70.0	48.8	27.7	11.4	3.3	1.6
100°	81.4	61.9	42.3	22.8	9.8	1.6	1.6
102.5°	71.6	55.3	35.8	19.5	8.1	1.6	1.6
105°	63.5	48.8	30.9	16.3	6.5	1.6	1.6
107.5°	57.0	42.3	27.7	14.6	6.5	1.6	1.6
110°	50.5	37.4	24.4	13.0	4.9	1.6	1.6



TEST NUMBER: P290238

CATALOG NUMBER: 8SSRK-LC-80-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	45.6	32.6	21.2	11.4	3.3	1.6	1.6
115°	39.1	29.3	17.9	9.8	3.3	1.6	1.6
117.5°	34.2	24.4	16.3	8.1	3.3	1.6	1.6
120°	29.3	21.2	13.0	6.5	1.6	1.6	1.6
122.5°	26.0	17.9	11.4	6.5	1.6	1.6	1.6
125°	22.8	16.3	9.8	4.9	1.6	1.6	1.6
127.5°	19.5	13.0	8.1	3.3	1.6	1.6	1.6
130°	16.3	11.4	6.5	3.3	1.6	1.6	1.6
132.5°	13.0	9.8	6.5	3.3	1.6	1.6	1.6
135°	11.4	8.1	4.9	3.3	1.6	1.6	1.6
137.5°	9.8	6.5	3.3	3.3	3.3	1.6	1.6
140°	8.1	4.9	3.3	3.3	3.3	3.3	1.6
142.5°	6.5	4.9	3.3	3.3	3.3	3.3	1.6
145°	4.9	3.3	3.3	3.3	3.3	3.3	1.6
147.5°	4.9	3.3	3.3	3.3	3.3	3.3	1.6
150°	3.3	3.3	3.3	3.3	3.3	3.3	3.3
152.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3
155°	3.3	3.3	3.3	3.3	3.3	3.3	3.3
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)