

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: P290234

Luminaire Tested: **8SSRK-LC-60-L840-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: P290234
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-60-L840-CD1-U
Description: 6000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 4000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6495.9 lumens
Efficiency: N/A
Efficacy: 157.0 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

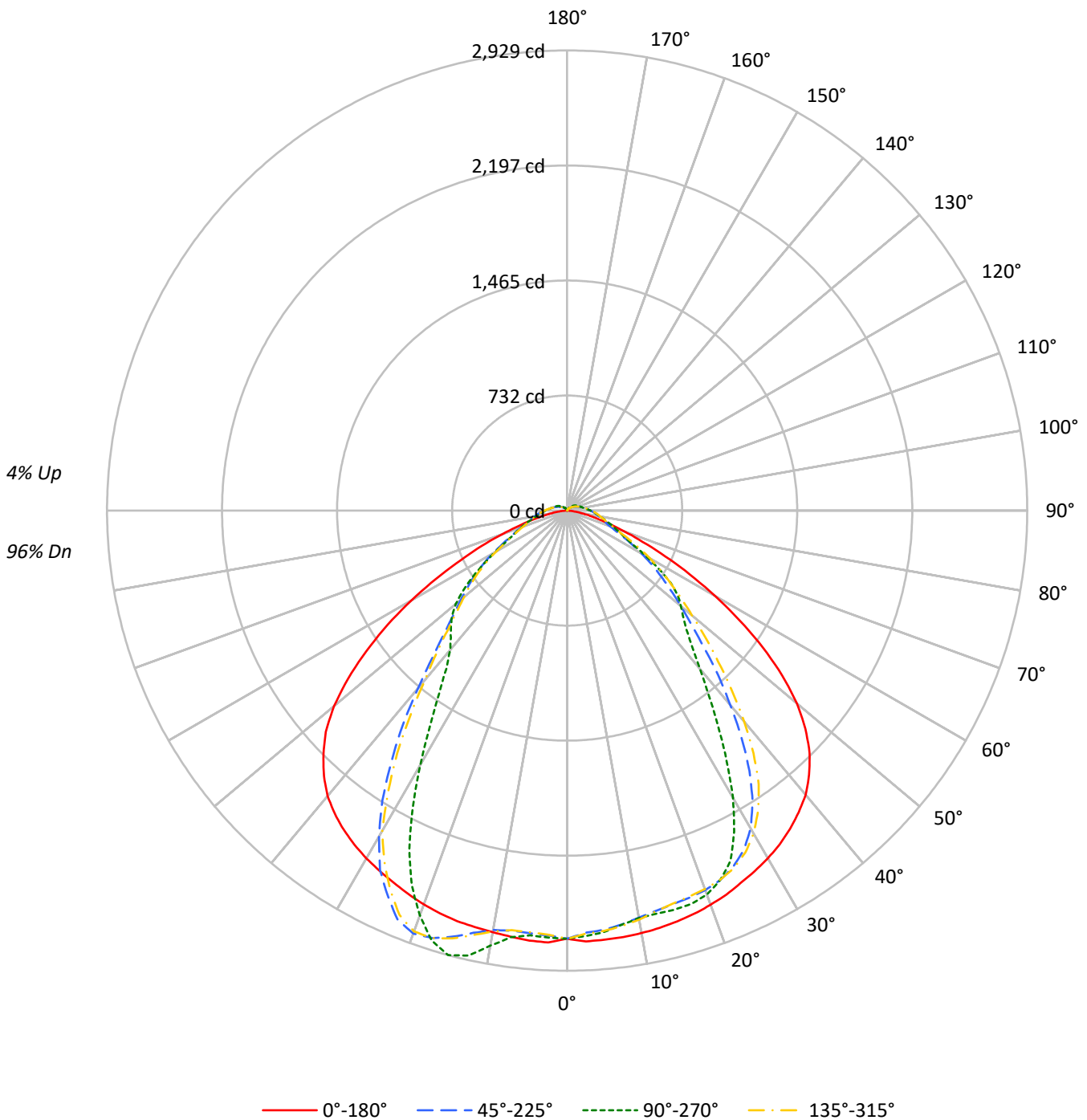
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-60-L840-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	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°	87991	87991	87991	87991
5°	88713	64652	88894	65159
10°	89204	50635	89021	54071
15°	89981	42448	89934	47263
20°	91061	36395	90966	38365
25°	92279	30594	92229	29561
30°	94121	23771	94173	21059
35°	96082	17371	96358	14700
40°	97848	12707	98254	11195
45°	97657	9808	98162	9552
50°	93627	8239	94936	8055
55°	83260	6752	85337	6138
60°	67732	4701	71328	4311
65°	50547	3256	54460	3088
70°	34569	2527	38963	2416
75°	22805	2029	26556	1918
80°	14984	1657	17562	1525
85°	7990	1418	10533	1295



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.8	4.0
10°-20°	770.1	11.9
20°-30°	1170.8	18.0
30°-40°	1256.0	19.3
40°-50°	1090.1	16.8
50°-60°	807.8	12.4
60°-70°	462.9	7.1
70°-80°	256.3	3.9
80°-90°	156.1	2.4
90°-100°	101.5	1.6
100°-110°	68.0	1.0
110°-120°	45.9	0.7
120°-130°	28.2	0.4
130°-140°	14.8	0.2
140°-150°	6.7	0.1
150°-160°	2.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2199.7	33.9
0°-40°	3455.7	53.2
0°-60°	5353.6	82.4
0°-90°	6228.9	95.9
90°-120°	215.4	3.3
90°-150°	265.1	4.1
90°-180°	267.0	4.1
0°-180°	6495.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2725	2725	2725	2725	2725	
5°	2742	2692	2747	2714	2742	261
15°	2707	2631	2705	2929	2707	766
25°	2615	2460	2614	2377	2615	1209
35°	2473	1675	2480	1417	2473	1548
45°	2183	1074	2194	1046	2183	1671
55°	1523	805	1561	732	1523	1350
65°	691	408	745	387	691	697
75°	197	259	229	245	197	225
85°	27	179	35	163	27	35
90°	0	149	3	138	0	1
95°	1	122	0	117	1	1
105°	1	92	1	87	1	1
115°	1	75	1	68	1	1
125°	1	56	1	46	1	1
135°	1	35	1	30	1	1
145°	1	21	3	17	1	1
155°	3	10	3	8	3	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



TEST NUMBER: P290234

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2744.6	2737.6	2734.7	2729.1	2733.3	2750.2	2739.0	2720.7	2722.1	2689.7	2706.6
5°	2741.8	2733.3	2729.1	2723.5	2726.3	2741.8	2730.5	2712.2	2710.8	2678.4	2693.9
7.5°	2737.6	2729.1	2722.1	2717.8	2719.3	2731.9	2717.8	2696.7	2692.5	2657.3	2671.4
10°	2730.5	2724.9	2715.0	2708.0	2706.6	2720.7	2698.1	2677.0	2667.2	2630.6	2644.7
12.5°	2720.7	2712.2	2702.4	2689.7	2688.3	2696.7	2678.4	2648.9	2639.0	2609.5	2625.0
15°	2706.6	2696.7	2685.5	2671.4	2664.4	2670.0	2647.5	2620.7	2619.3	2594.0	2615.1
17.5°	2691.1	2677.0	2664.4	2644.7	2634.8	2639.0	2620.7	2596.8	2599.6	2584.1	2608.1
20°	2670.0	2654.5	2634.8	2615.1	2601.0	2608.1	2595.4	2577.1	2581.3	2570.1	2591.2
22.5°	2646.1	2625.0	2601.0	2578.5	2567.2	2577.1	2567.2	2551.8	2553.2	2546.1	2558.8
25°	2615.1	2591.2	2563.0	2534.9	2529.2	2536.3	2530.7	2518.0	2512.4	2501.1	2506.7
27.5°	2587.0	2560.2	2525.0	2495.5	2485.6	2499.7	2487.0	2465.9	2450.4	2434.9	2423.7
30°	2554.6	2522.2	2482.8	2449.0	2440.6	2446.2	2427.9	2395.5	2354.7	2335.0	2304.0
32.5°	2519.4	2477.2	2427.9	2389.9	2384.3	2380.1	2346.3	2299.8	2236.5	2197.1	2149.2
35°	2472.9	2426.5	2367.4	2320.9	2312.5	2288.6	2233.7	2171.7	2090.1	2022.6	1940.9
37.5°	2420.9	2366.0	2304.0	2242.1	2218.2	2170.3	2092.9	2028.2	1904.3	1822.7	1724.2
40°	2361.8	2295.6	2219.6	2145.0	2105.6	2028.2	1939.5	1843.8	1724.2	1614.4	1531.3
42.5°	2280.1	2209.7	2119.7	2036.6	1969.1	1866.3	1762.2	1627.0	1517.3	1424.4	1339.9
45°	2183.0	2098.6	1994.4	1894.5	1808.6	1686.2	1563.7	1428.6	1337.1	1228.7	1171.0
47.5°	2057.7	1966.3	1855.1	1743.9	1631.3	1496.2	1368.1	1238.6	1147.1	1069.7	1027.5
50°	1910.0	1825.5	1703.1	1570.7	1446.9	1306.1	1178.1	1080.9	992.3	944.4	912.0
52.5°	1727.0	1648.2	1522.9	1379.3	1259.7	1121.8	1004.9	926.1	862.8	827.6	816.3
55°	1522.9	1453.9	1330.1	1196.4	1073.9	947.2	858.6	789.6	748.8	727.7	729.1
57.5°	1304.7	1251.3	1134.4	1014.8	899.4	803.7	723.4	668.6	637.6	636.2	640.4
60°	1086.6	1047.2	945.8	843.1	741.7	664.3	605.2	567.2	547.5	548.9	547.5
62.5°	878.3	841.7	768.5	684.0	603.8	551.7	498.2	482.8	465.9	464.5	464.5
65°	691.1	662.9	603.8	543.3	482.8	449.0	422.2	403.9	391.3	388.5	389.9
67.5°	519.4	508.1	467.3	426.5	388.5	367.4	344.8	340.6	330.8	330.8	333.6
70°	387.1	378.6	356.1	332.2	316.7	302.6	291.3	291.3	289.9	288.5	295.6
72.5°	280.1	281.5	274.5	256.2	254.8	251.9	249.1	253.3	254.8	259.0	267.4
75°	197.0	201.3	201.3	198.5	204.1	211.1	215.3	222.4	230.8	236.5	246.3
77.5°	139.3	139.3	146.4	154.8	166.1	178.8	190.0	199.9	211.1	218.2	226.6
80°	90.1	94.3	105.6	121.0	136.5	153.4	168.9	181.6	192.8	204.1	209.7
82.5°	53.5	60.5	74.6	94.3	114.0	135.1	150.6	166.1	178.8	190.0	194.2
85°	26.7	36.6	53.5	74.6	95.7	118.2	137.9	152.0	166.1	175.9	181.6
87.5°	8.4	19.7	38.0	57.7	80.2	102.7	123.9	139.3	152.0	160.5	166.1
90°	0.0	9.9	26.7	47.9	69.0	91.5	111.2	128.1	140.7	147.8	152.0
92.5°	0.0	5.6	21.1	39.4	59.1	81.6	101.3	116.8	128.1	135.1	137.9
95°	1.4	4.2	15.5	32.4	52.1	73.2	91.5	105.6	116.8	123.9	125.3
97.5°	1.4	2.8	12.7	26.7	45.0	64.7	83.0	97.1	105.6	112.6	114.0
100°	1.4	2.8	9.9	23.9	39.4	57.7	74.6	87.3	97.1	102.7	104.2
102.5°	1.4	1.4	8.4	19.7	35.2	50.7	66.2	78.8	87.3	92.9	95.7
105°	1.4	1.4	7.0	16.9	31.0	45.0	59.1	71.8	78.8	84.4	87.3
107.5°	1.4	1.4	5.6	14.1	26.7	39.4	53.5	63.3	71.8	77.4	80.2
110°	1.4	1.4	4.2	12.7	22.5	35.2	46.4	56.3	64.7	70.4	73.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.4	1.4	4.2	11.3	19.7	31.0	40.8	50.7	57.7	63.3	67.6
115°	1.4	1.4	4.2	9.9	18.3	26.7	36.6	45.0	52.1	57.7	61.9
117.5°	1.4	1.4	4.2	8.4	15.5	23.9	32.4	40.8	46.4	52.1	56.3
120°	1.4	1.4	2.8	7.0	14.1	21.1	28.1	35.2	42.2	47.9	52.1
122.5°	1.4	1.4	2.8	7.0	11.3	18.3	25.3	31.0	38.0	42.2	46.4
125°	1.4	1.4	2.8	5.6	9.9	16.9	22.5	28.1	32.4	38.0	42.2
127.5°	1.4	1.4	2.8	5.6	8.4	14.1	19.7	25.3	29.6	33.8	36.6
130°	1.4	1.4	2.8	4.2	7.0	11.3	16.9	21.1	26.7	29.6	32.4
132.5°	1.4	1.4	1.4	4.2	5.6	8.4	12.7	18.3	22.5	26.7	28.1
135°	1.4	1.4	1.4	2.8	5.6	7.0	9.9	14.1	18.3	22.5	25.3
137.5°	1.4	1.4	1.4	2.8	4.2	7.0	8.4	11.3	15.5	18.3	22.5
140°	1.4	1.4	1.4	2.8	4.2	5.6	7.0	9.9	12.7	15.5	18.3
142.5°	1.4	1.4	1.4	2.8	2.8	4.2	5.6	8.4	9.9	12.7	15.5
145°	1.4	1.4	1.4	2.8	2.8	4.2	5.6	7.0	8.4	9.9	12.7
147.5°	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	8.4	9.9
150°	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	5.6	7.0	8.4
152.5°	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	4.2	5.6	7.0
155°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	5.6	5.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2701.0	2703.8	2720.7	2719.3	2716.4	2713.6	2713.6	2710.8	2713.6	2720.7	2717.8
5°	2686.9	2691.1	2703.8	2702.4	2699.6	2698.1	2696.7	2692.5	2695.3	2705.2	2702.4
7.5°	2661.5	2665.8	2677.0	2671.4	2667.2	2670.0	2663.0	2658.7	2664.4	2674.2	2672.8
10°	2634.8	2637.6	2651.7	2648.9	2641.8	2643.3	2636.2	2633.4	2640.4	2646.1	2647.5
12.5°	2616.5	2626.4	2639.0	2637.6	2636.2	2637.6	2630.6	2627.8	2632.0	2637.6	2636.2
15°	2612.3	2625.0	2639.0	2639.0	2640.4	2641.8	2634.8	2630.6	2634.8	2639.0	2637.6
17.5°	2608.1	2623.5	2636.2	2634.8	2636.2	2639.0	2627.8	2625.0	2630.6	2636.2	2633.4
20°	2594.0	2608.1	2616.5	2613.7	2613.7	2615.1	2601.0	2601.0	2609.5	2613.7	2615.1
22.5°	2554.6	2571.5	2571.5	2564.4	2564.4	2558.8	2554.6	2546.1	2556.0	2563.0	2568.7
25°	2495.5	2502.5	2494.1	2478.6	2470.1	2463.1	2443.4	2460.3	2460.3	2481.4	2488.4
27.5°	2412.4	2396.9	2373.0	2340.6	2333.6	2311.1	2298.4	2302.6	2309.7	2339.2	2361.8
30°	2275.9	2229.5	2188.6	2174.6	2143.6	2121.1	2098.6	2109.8	2122.5	2139.4	2185.8
32.5°	2095.7	2050.7	1984.5	1960.6	1928.3	1900.1	1873.4	1890.2	1912.8	1924.0	1974.7
35°	1888.8	1835.4	1774.8	1734.0	1700.2	1684.8	1651.0	1674.9	1698.8	1707.3	1750.9
37.5°	1669.3	1614.4	1560.9	1525.7	1493.3	1483.5	1461.0	1477.9	1496.2	1508.8	1545.4
40°	1461.0	1410.3	1369.5	1345.6	1323.0	1314.6	1306.1	1313.2	1327.3	1337.1	1365.3
42.5°	1282.2	1241.4	1213.2	1199.2	1183.7	1172.4	1173.8	1176.7	1183.7	1204.8	1217.5
45°	1126.0	1102.1	1083.8	1080.9	1071.1	1069.7	1068.3	1073.9	1078.1	1090.8	1100.7
47.5°	1000.7	990.9	986.6	992.3	996.5	990.9	993.7	1000.7	1009.2	1009.2	1007.8
50°	902.2	905.0	910.6	923.3	931.8	934.6	937.4	945.8	947.2	950.1	945.8
52.5°	822.0	824.8	840.3	860.0	869.8	874.0	879.7	888.1	888.1	890.9	885.3
55°	740.3	744.6	760.0	779.7	788.2	793.8	799.4	805.1	809.3	814.9	810.7
57.5°	650.3	662.9	672.8	678.4	684.0	688.3	692.5	693.9	702.3	703.7	710.8
60°	554.5	557.4	567.2	565.8	561.6	572.8	567.2	577.1	586.9	599.6	601.0
62.5°	463.1	464.5	471.5	468.7	474.3	472.9	477.1	477.1	484.2	489.8	496.8
65°	391.3	392.7	398.3	398.3	396.9	401.1	405.4	408.2	408.2	412.4	418.0
67.5°	337.8	342.0	347.6	350.5	353.3	353.3	357.5	358.9	361.7	363.1	365.9
70°	301.2	306.8	312.5	315.3	316.7	319.5	320.9	320.9	323.7	325.1	327.9
72.5°	274.5	280.1	284.3	284.3	287.1	288.5	288.5	289.9	291.3	294.2	297.0
75°	251.9	256.2	259.0	257.6	257.6	257.6	259.0	259.0	261.8	264.6	267.4
77.5°	230.8	235.0	235.0	232.2	232.2	232.2	232.2	233.6	235.0	237.9	240.7
80°	215.3	215.3	213.9	213.9	211.1	209.7	209.7	211.1	211.1	213.9	218.2
82.5°	198.5	198.5	197.0	195.6	194.2	192.8	192.8	194.2	195.6	197.0	199.9
85°	183.0	183.0	180.2	180.2	178.8	178.8	178.8	178.8	180.2	181.6	184.4
87.5°	167.5	166.1	164.7	163.3	163.3	163.3	163.3	163.3	164.7	167.5	168.9
90°	152.0	150.6	149.2	149.2	147.8	147.8	149.2	149.2	150.6	152.0	153.4
92.5°	137.9	136.5	135.1	135.1	133.7	133.7	135.1	133.7	136.5	136.5	137.9
95°	125.3	123.9	122.5	122.5	122.5	122.5	122.5	122.5	123.9	123.9	125.3
97.5°	114.0	112.6	111.2	111.2	112.6	111.2	112.6	112.6	112.6	114.0	115.4
100°	104.2	102.7	102.7	104.2	102.7	102.7	104.2	104.2	104.2	104.2	105.6
102.5°	95.7	95.7	95.7	95.7	95.7	95.7	97.1	97.1	97.1	97.1	98.5
105°	87.3	88.7	88.7	88.7	90.1	90.1	90.1	91.5	91.5	91.5	91.5
107.5°	81.6	83.0	83.0	84.4	84.4	85.9	85.9	85.9	85.9	87.3	87.3
110°	76.0	77.4	78.8	80.2	80.2	81.6	81.6	81.6	81.6	81.6	81.6



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	70.4	71.8	73.2	76.0	77.4	77.4	77.4	77.4	78.8	78.8	77.4
115°	64.7	67.6	69.0	71.8	73.2	73.2	74.6	74.6	74.6	74.6	73.2
117.5°	59.1	63.3	64.7	67.6	69.0	69.0	70.4	70.4	70.4	70.4	69.0
120°	54.9	57.7	60.5	61.9	63.3	64.7	64.7	66.2	66.2	66.2	64.7
122.5°	50.7	53.5	56.3	57.7	59.1	60.5	60.5	60.5	60.5	60.5	60.5
125°	45.0	47.9	50.7	52.1	53.5	54.9	54.9	56.3	56.3	56.3	54.9
127.5°	40.8	43.6	45.0	47.9	49.3	49.3	50.7	50.7	50.7	50.7	49.3
130°	35.2	38.0	40.8	42.2	43.6	43.6	45.0	45.0	45.0	45.0	45.0
132.5°	31.0	33.8	35.2	38.0	38.0	39.4	39.4	40.8	40.8	40.8	39.4
135°	28.1	29.6	31.0	33.8	33.8	35.2	35.2	35.2	35.2	35.2	35.2
137.5°	25.3	26.7	28.1	29.6	29.6	31.0	31.0	31.0	31.0	32.4	31.0
140°	21.1	23.9	25.3	25.3	26.7	26.7	26.7	28.1	28.1	28.1	26.7
142.5°	18.3	19.7	21.1	22.5	23.9	23.9	23.9	23.9	25.3	23.9	23.9
145°	14.1	16.9	18.3	19.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1
147.5°	11.3	12.7	15.5	16.9	16.9	18.3	18.3	18.3	18.3	18.3	18.3
150°	9.9	9.9	12.7	14.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
152.5°	7.0	8.4	9.9	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7
155°	7.0	7.0	8.4	8.4	9.9	9.9	9.9	9.9	11.3	9.9	9.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2713.6	2712.2	2717.8	2712.2	2684.1	2695.3	2691.1	2706.6	2708.0	2712.2	2726.3
5°	2699.6	2699.6	2706.6	2701.0	2674.2	2685.5	2684.1	2699.6	2702.4	2705.2	2720.7
7.5°	2671.4	2672.8	2682.7	2678.4	2650.3	2667.2	2665.8	2684.1	2689.7	2695.3	2709.4
10°	2644.7	2643.3	2654.5	2650.3	2623.5	2643.3	2641.8	2660.1	2668.6	2678.4	2695.3
12.5°	2630.6	2626.4	2630.6	2626.4	2596.8	2612.3	2613.7	2634.8	2644.7	2657.3	2677.0
15°	2630.6	2623.5	2623.5	2615.1	2581.3	2591.2	2592.6	2606.7	2619.3	2632.0	2655.9
17.5°	2627.8	2620.7	2619.3	2612.3	2575.7	2575.7	2574.3	2584.1	2591.2	2603.8	2629.2
20°	2612.3	2609.5	2608.1	2603.8	2570.1	2564.4	2561.6	2561.6	2565.8	2570.1	2595.4
22.5°	2571.5	2574.3	2577.1	2579.9	2553.2	2543.3	2544.7	2541.9	2537.7	2537.7	2558.8
25°	2495.5	2509.5	2520.8	2533.5	2518.0	2510.9	2519.4	2515.2	2508.1	2502.5	2520.8
27.5°	2374.4	2404.0	2427.9	2458.9	2460.3	2454.6	2477.2	2474.4	2472.9	2464.5	2478.6
30°	2206.9	2253.4	2285.8	2330.8	2368.8	2374.4	2412.4	2418.1	2423.7	2419.5	2433.5
32.5°	2004.3	2067.6	2122.5	2192.9	2229.5	2261.8	2315.3	2337.8	2360.3	2367.4	2382.9
35°	1783.3	1855.1	1919.8	1997.2	2054.9	2125.3	2190.0	2223.8	2274.5	2294.2	2316.7
37.5°	1573.6	1641.1	1704.5	1781.9	1874.8	1948.0	2028.2	2104.2	2173.2	2201.3	2235.1
40°	1387.8	1442.7	1503.2	1570.7	1655.2	1750.9	1838.2	1943.7	2025.4	2081.7	2130.9
42.5°	1247.0	1273.8	1325.8	1386.4	1453.9	1551.0	1639.7	1757.9	1856.5	1936.7	2018.3
45°	1121.8	1134.4	1172.4	1204.8	1273.8	1359.6	1453.9	1569.3	1672.1	1774.8	1873.4
47.5°	1014.8	1030.3	1048.6	1068.3	1117.5	1189.3	1271.0	1375.1	1477.9	1597.5	1710.1
50°	943.0	947.2	950.1	958.5	988.1	1037.3	1103.5	1192.1	1290.7	1418.7	1538.4
52.5°	879.7	879.7	871.2	867.0	878.3	909.2	947.2	1010.6	1111.9	1230.1	1356.8
55°	812.1	799.4	796.6	782.6	785.4	799.4	817.7	867.0	950.1	1051.4	1173.8
57.5°	717.8	712.2	712.2	706.6	695.3	702.3	706.6	741.7	800.9	888.1	995.1
60°	609.4	606.6	613.7	615.1	605.2	609.4	608.0	629.1	671.4	741.7	830.4
62.5°	501.1	513.7	515.1	520.8	515.1	513.7	520.8	539.1	560.2	613.7	682.6
65°	420.8	427.9	429.3	436.3	433.5	433.5	439.1	453.2	465.9	502.5	556.0
67.5°	368.8	365.9	367.4	371.6	367.4	365.9	370.2	378.6	388.5	411.0	449.0
70°	327.9	325.1	325.1	325.1	319.5	315.3	316.7	319.5	323.7	336.4	360.3
72.5°	297.0	297.0	292.8	288.5	284.3	281.5	278.7	275.9	274.5	278.7	291.3
75°	268.8	270.2	268.8	264.6	259.0	253.3	247.7	242.1	235.0	232.2	233.6
77.5°	243.5	244.9	246.3	244.9	239.3	232.2	223.8	215.3	205.5	195.6	190.0
80°	221.0	223.8	225.2	223.8	219.6	213.9	204.1	194.2	180.2	167.5	153.4
82.5°	201.3	205.5	206.9	206.9	204.1	198.5	187.2	175.9	160.5	143.6	125.3
85°	185.8	188.6	191.4	191.4	190.0	184.4	173.1	160.5	145.0	125.3	105.6
87.5°	170.3	171.7	174.5	177.3	174.5	168.9	159.0	145.0	129.5	109.8	87.3
90°	154.8	156.2	159.0	161.9	160.5	154.8	146.4	133.7	116.8	95.7	73.2
92.5°	139.3	142.2	143.6	145.0	146.4	142.2	135.1	122.5	105.6	84.4	63.3
95°	128.1	128.1	130.9	132.3	133.7	129.5	123.9	111.2	95.7	76.0	54.9
97.5°	116.8	116.8	119.6	119.6	121.0	118.2	112.6	101.3	85.9	67.6	46.4
100°	105.6	107.0	108.4	109.8	109.8	108.4	102.7	91.5	77.4	60.5	40.8
102.5°	98.5	98.5	99.9	99.9	101.3	98.5	92.9	83.0	69.0	53.5	35.2
105°	91.5	91.5	92.9	92.9	91.5	88.7	83.0	74.6	61.9	46.4	31.0
107.5°	85.9	85.9	85.9	85.9	84.4	81.6	76.0	66.2	54.9	42.2	28.1
110°	81.6	80.2	80.2	78.8	77.4	73.2	67.6	59.1	49.3	36.6	23.9



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	77.4	76.0	74.6	73.2	70.4	66.2	60.5	53.5	43.6	32.4	21.1
115°	73.2	71.8	70.4	67.6	64.7	60.5	54.9	47.9	38.0	28.1	18.3
117.5°	69.0	67.6	64.7	61.9	59.1	54.9	49.3	42.2	33.8	25.3	16.9
120°	63.3	61.9	60.5	57.7	54.9	49.3	43.6	38.0	29.6	22.5	14.1
122.5°	59.1	57.7	54.9	53.5	49.3	45.0	39.4	33.8	26.7	19.7	12.7
125°	53.5	52.1	50.7	47.9	45.0	39.4	35.2	29.6	23.9	16.9	9.9
127.5°	49.3	47.9	45.0	42.2	39.4	35.2	31.0	26.7	21.1	14.1	9.9
130°	43.6	42.2	40.8	38.0	35.2	31.0	28.1	22.5	18.3	12.7	8.4
132.5°	38.0	38.0	36.6	33.8	31.0	28.1	23.9	19.7	15.5	11.3	7.0
135°	35.2	33.8	32.4	29.6	28.1	23.9	21.1	16.9	12.7	9.9	5.6
137.5°	31.0	29.6	28.1	26.7	23.9	21.1	18.3	14.1	11.3	8.4	5.6
140°	26.7	25.3	25.3	22.5	21.1	18.3	15.5	12.7	9.9	7.0	4.2
142.5°	23.9	22.5	21.1	19.7	18.3	15.5	12.7	9.9	8.4	5.6	4.2
145°	21.1	19.7	18.3	16.9	15.5	12.7	11.3	8.4	7.0	5.6	4.2
147.5°	16.9	16.9	15.5	14.1	12.7	11.3	9.9	8.4	5.6	4.2	2.8
150°	14.1	14.1	12.7	11.3	11.3	9.9	8.4	7.0	5.6	4.2	2.8
152.5°	12.7	11.3	11.3	9.9	9.9	8.4	7.0	5.6	4.2	4.2	2.8
155°	9.9	9.9	9.9	8.4	8.4	7.0	5.6	5.6	4.2	2.8	2.8
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: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2729.1	2712.2	2726.3	2751.6	2748.8	2746.0	2743.2	2748.8	2767.1	2757.3	2741.8
5°	2724.9	2708.0	2723.5	2747.4	2746.0	2741.8	2739.0	2744.6	2762.9	2753.0	2736.1
7.5°	2716.4	2701.0	2712.2	2736.1	2736.1	2733.3	2730.5	2736.1	2753.0	2744.6	2727.7
10°	2702.4	2691.1	2702.4	2724.9	2726.3	2720.7	2717.8	2724.9	2741.8	2737.6	2723.5
12.5°	2691.1	2679.8	2692.5	2715.0	2716.4	2710.8	2706.6	2715.0	2737.6	2740.4	2736.1
15°	2675.6	2665.8	2681.3	2705.2	2705.2	2701.0	2701.0	2712.2	2743.2	2755.8	2762.9
17.5°	2653.1	2646.1	2664.4	2688.3	2689.7	2686.9	2688.3	2710.8	2751.6	2782.6	2802.3
20°	2625.0	2622.1	2641.8	2667.2	2671.4	2672.8	2679.8	2713.6	2769.9	2812.1	2831.9
22.5°	2591.2	2592.6	2615.1	2641.8	2647.5	2651.7	2665.8	2713.6	2784.0	2829.0	2837.5
25°	2553.2	2557.4	2581.3	2613.7	2620.7	2629.2	2653.1	2715.0	2788.2	2817.8	2803.7
27.5°	2512.4	2520.8	2551.8	2585.5	2594.0	2608.1	2639.0	2706.6	2768.5	2769.9	2717.8
30°	2470.1	2480.0	2516.6	2556.0	2570.1	2584.1	2622.1	2686.9	2720.7	2675.6	2584.1
32.5°	2422.3	2436.4	2472.9	2520.8	2537.7	2556.0	2594.0	2648.9	2636.2	2539.1	2408.2
35°	2361.8	2381.5	2423.7	2480.0	2495.5	2519.4	2546.1	2558.8	2502.5	2364.6	2216.8
37.5°	2287.2	2316.7	2366.0	2430.7	2447.6	2463.1	2470.1	2434.9	2322.3	2173.2	2019.7
40°	2201.3	2246.3	2299.8	2371.6	2388.5	2388.5	2363.2	2288.6	2146.4	1950.8	1780.5
42.5°	2097.1	2152.0	2219.6	2291.4	2308.3	2288.6	2228.0	2097.1	1935.3	1717.1	1537.0
45°	1970.5	2043.7	2119.7	2194.3	2202.7	2159.1	2050.7	1884.6	1684.8	1482.1	1310.4
47.5°	1819.9	1915.6	1998.6	2083.1	2071.8	1998.6	1853.7	1665.1	1453.9	1262.5	1124.6
50°	1651.0	1763.6	1856.5	1936.7	1912.8	1811.4	1641.1	1444.1	1234.4	1071.1	957.1
52.5°	1470.8	1600.3	1693.2	1757.9	1725.6	1604.5	1417.3	1228.7	1057.0	907.8	831.8
55°	1283.6	1414.5	1510.2	1560.9	1518.7	1387.8	1203.4	1031.7	869.8	772.7	727.7
57.5°	1102.1	1224.5	1314.6	1355.4	1301.9	1171.0	1000.7	855.7	738.9	657.3	634.8
60°	927.5	1027.5	1113.3	1144.3	1086.6	965.5	819.2	703.7	617.9	561.6	550.3
62.5°	765.7	847.3	914.9	938.8	882.5	788.2	661.5	575.7	515.1	487.0	472.9
65°	632.0	679.8	748.8	744.6	710.8	623.5	530.6	470.1	430.7	412.4	403.9
67.5°	496.8	540.5	584.1	589.7	547.5	487.0	426.5	382.8	361.7	351.9	347.6
70°	384.2	416.6	443.4	436.3	413.8	375.8	337.8	313.9	305.4	301.2	301.2
72.5°	298.4	315.3	327.9	319.5	305.4	285.7	267.4	257.6	259.0	261.8	264.6
75°	230.8	235.0	237.9	229.4	226.6	213.9	212.5	213.9	222.4	230.8	235.0
77.5°	177.3	171.7	167.5	159.0	160.5	159.0	166.1	177.3	190.0	202.7	213.9
80°	136.5	123.9	114.0	105.6	109.8	116.8	130.9	147.8	164.7	178.8	192.8
82.5°	105.6	87.3	73.2	64.7	73.2	84.4	102.7	123.9	143.6	159.0	174.5
85°	81.6	60.5	43.6	35.2	43.6	60.5	80.2	104.2	125.3	142.2	157.6
87.5°	63.3	43.6	23.9	14.1	23.9	42.2	64.7	87.3	108.4	128.1	143.6
90°	50.7	29.6	11.3	2.8	12.7	29.6	50.7	73.2	94.3	115.4	130.9
92.5°	40.8	21.1	5.6	0.0	7.0	22.5	42.2	63.3	84.4	104.2	119.6
95°	33.8	16.9	4.2	0.0	5.6	16.9	33.8	54.9	74.6	94.3	107.0
97.5°	28.1	12.7	2.8	0.0	2.8	14.1	28.1	46.4	66.2	84.4	97.1
100°	23.9	11.3	2.8	0.0	2.8	11.3	23.9	40.8	57.7	74.6	87.3
102.5°	19.7	8.4	1.4	1.4	1.4	8.4	21.1	35.2	50.7	66.2	78.8
105°	18.3	7.0	1.4	1.4	1.4	7.0	18.3	31.0	45.0	59.1	70.4
107.5°	15.5	5.6	1.4	1.4	1.4	5.6	15.5	26.7	40.8	53.5	63.3
110°	12.7	5.6	1.4	1.4	1.4	5.6	12.7	23.9	35.2	46.4	56.3



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	11.3	4.2	1.4	1.4	1.4	4.2	11.3	21.1	31.0	42.2	50.7
115°	9.9	4.2	1.4	1.4	1.4	4.2	9.9	18.3	26.7	36.6	45.0
117.5°	8.4	4.2	1.4	1.4	1.4	2.8	8.4	15.5	23.9	32.4	40.8
120°	7.0	2.8	1.4	1.4	1.4	2.8	7.0	14.1	21.1	28.1	35.2
122.5°	7.0	2.8	1.4	1.4	1.4	2.8	5.6	11.3	18.3	23.9	31.0
125°	5.6	2.8	1.4	1.4	1.4	1.4	5.6	9.9	15.5	21.1	26.7
127.5°	5.6	2.8	1.4	1.4	1.4	1.4	4.2	8.4	12.7	18.3	23.9
130°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	7.0	11.3	15.5	19.7
132.5°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	5.6	8.4	12.7	16.9
135°	4.2	1.4	1.4	1.4	1.4	1.4	1.4	4.2	7.0	9.9	12.7
137.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	2.8	5.6	7.0	11.3
140°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.2	5.6	8.4
142.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.2	7.0
145°	2.8	1.4	1.4	2.8	2.8	1.4	1.4	2.8	2.8	4.2	5.6
147.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	2.8	4.2
150°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2
152.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
155°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
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: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2739.0	2706.6	2723.5	2717.8	2723.5	2737.6	2736.1	2731.9	2734.7	2727.7	2720.7
5°	2733.3	2701.0	2717.8	2710.8	2717.8	2731.9	2729.1	2724.9	2729.1	2720.7	2713.6
7.5°	2726.3	2696.7	2716.4	2715.0	2727.7	2746.0	2747.4	2747.4	2757.3	2744.6	2739.0
10°	2726.3	2710.8	2737.6	2747.4	2779.8	2803.7	2806.5	2812.1	2829.0	2826.2	2812.1
12.5°	2755.8	2753.0	2792.4	2816.4	2845.9	2879.7	2898.0	2903.6	2914.9	2906.5	2900.8
15°	2793.9	2807.9	2851.6	2878.3	2910.7	2936.0	2940.2	2943.0	2951.5	2938.8	2929.0
17.5°	2844.5	2853.0	2888.2	2899.4	2920.5	2924.7	2919.1	2905.0	2905.0	2876.9	2868.4
20°	2868.4	2864.2	2878.3	2860.0	2851.6	2826.2	2802.3	2775.6	2774.1	2744.6	2741.8
22.5°	2847.3	2819.2	2789.6	2744.6	2724.9	2688.3	2655.9	2640.4	2630.6	2592.6	2582.7
25°	2772.7	2703.8	2660.1	2606.7	2558.8	2516.6	2485.6	2453.2	2422.3	2391.3	2377.2
27.5°	2643.3	2578.5	2508.1	2433.5	2367.4	2302.6	2250.6	2218.2	2188.6	2147.8	2126.7
30°	2484.2	2394.1	2316.7	2244.9	2136.6	2057.7	2014.1	1949.4	1926.8	1908.5	1869.1
32.5°	2297.0	2188.6	2083.1	1986.0	1874.8	1801.6	1743.9	1696.0	1681.9	1634.1	1622.8
35°	2090.1	1948.0	1828.3	1732.6	1652.4	1563.7	1515.9	1483.5	1455.3	1423.0	1417.3
37.5°	1846.6	1718.5	1583.4	1499.0	1435.6	1359.6	1323.0	1300.5	1287.8	1263.9	1259.7
40°	1601.7	1473.6	1380.7	1296.3	1256.9	1216.1	1189.3	1179.5	1173.8	1165.4	1157.0
42.5°	1379.3	1266.7	1200.6	1144.3	1127.4	1107.7	1100.7	1106.3	1100.7	1097.8	1096.4
45°	1190.7	1104.9	1058.4	1041.5	1037.3	1031.7	1037.3	1047.2	1048.6	1045.8	1045.8
47.5°	1019.0	978.2	958.5	961.3	968.3	972.6	982.4	995.1	997.9	990.9	993.7
50°	906.4	882.5	878.3	889.5	905.0	910.6	921.9	931.8	930.3	927.5	924.7
52.5°	800.9	793.8	805.1	816.3	833.2	836.0	840.3	844.5	843.1	837.5	834.6
55°	712.2	717.8	727.7	731.9	744.6	743.2	744.6	744.6	738.9	736.1	731.9
57.5°	632.0	633.4	639.0	640.4	647.4	644.6	643.2	640.4	632.0	630.6	626.3
60°	550.3	547.5	560.2	550.3	556.0	550.3	548.9	541.9	533.4	532.0	529.2
62.5°	472.9	467.3	475.7	471.5	474.3	468.7	465.9	457.4	450.4	449.0	447.6
65°	403.9	401.1	409.6	408.2	411.0	403.9	401.1	395.5	389.9	388.5	387.1
67.5°	346.2	353.3	357.5	357.5	360.3	358.9	351.9	350.5	349.1	343.4	343.4
70°	304.0	308.2	316.7	318.1	316.7	319.5	313.9	312.5	311.1	308.2	306.8
72.5°	270.2	275.9	284.3	285.7	284.3	284.3	281.5	280.1	280.1	275.9	275.9
75°	243.5	250.5	257.6	257.6	257.6	254.8	251.9	251.9	249.1	247.7	244.9
77.5°	221.0	229.4	235.0	233.6	232.2	229.4	229.4	225.2	221.0	221.0	218.2
80°	204.1	209.7	213.9	212.5	211.1	206.9	205.5	201.3	198.5	194.2	194.2
82.5°	185.8	192.8	195.6	194.2	191.4	187.2	185.8	183.0	180.2	178.8	175.9
85°	170.3	177.3	178.8	175.9	173.1	170.3	168.9	167.5	166.1	163.3	163.3
87.5°	154.8	161.9	161.9	160.5	157.6	156.2	154.8	153.4	152.0	150.6	149.2
90°	142.2	147.8	147.8	146.4	145.0	143.6	142.2	140.7	139.3	137.9	137.9
92.5°	129.5	135.1	135.1	133.7	132.3	130.9	130.9	129.5	128.1	126.7	125.3
95°	118.2	123.9	123.9	123.9	122.5	121.0	121.0	119.6	118.2	118.2	116.8
97.5°	107.0	112.6	112.6	112.6	111.2	109.8	109.8	108.4	108.4	108.4	107.0
100°	97.1	101.3	102.7	102.7	101.3	101.3	101.3	99.9	99.9	99.9	98.5
102.5°	87.3	91.5	94.3	94.3	94.3	92.9	92.9	92.9	92.9	92.9	91.5
105°	78.8	83.0	85.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
107.5°	71.8	76.0	78.8	80.2	81.6	81.6	83.0	83.0	83.0	83.0	83.0
110°	64.7	69.0	73.2	74.6	76.0	77.4	77.4	78.8	77.4	77.4	77.4



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	57.7	63.3	66.2	69.0	70.4	71.8	73.2	73.2	73.2	73.2	73.2
115°	52.1	57.7	60.5	63.3	66.2	67.6	67.6	69.0	69.0	69.0	67.6
117.5°	46.4	52.1	54.9	57.7	59.1	61.9	63.3	63.3	63.3	63.3	61.9
120°	42.2	46.4	49.3	52.1	54.9	56.3	57.7	57.7	57.7	57.7	57.7
122.5°	36.6	40.8	45.0	47.9	49.3	50.7	52.1	52.1	52.1	52.1	52.1
125°	32.4	36.6	39.4	42.2	43.6	46.4	46.4	46.4	46.4	46.4	46.4
127.5°	28.1	32.4	35.2	38.0	39.4	40.8	42.2	42.2	42.2	42.2	42.2
130°	23.9	28.1	31.0	33.8	35.2	36.6	36.6	38.0	38.0	38.0	38.0
132.5°	21.1	23.9	26.7	29.6	31.0	32.4	32.4	33.8	33.8	33.8	33.8
135°	16.9	21.1	22.5	25.3	26.7	28.1	28.1	29.6	29.6	29.6	29.6
137.5°	14.1	16.9	19.7	22.5	23.9	23.9	25.3	25.3	26.7	26.7	26.7
140°	11.3	12.7	16.9	18.3	19.7	21.1	22.5	22.5	22.5	22.5	22.5
142.5°	8.4	11.3	12.7	15.5	16.9	18.3	19.7	19.7	19.7	19.7	19.7
145°	7.0	8.4	9.9	12.7	14.1	15.5	16.9	16.9	16.9	16.9	16.9
147.5°	5.6	7.0	8.4	9.9	11.3	12.7	14.1	14.1	14.1	14.1	14.1
150°	4.2	5.6	7.0	7.0	8.4	9.9	11.3	12.7	12.7	12.7	12.7
152.5°	4.2	4.2	5.6	5.6	7.0	8.4	9.9	9.9	9.9	9.9	9.9
155°	2.8	4.2	4.2	4.2	5.6	5.6	7.0	8.4	8.4	8.4	8.4
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: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2724.9	2730.5	2727.7	2723.5	2722.1	2729.1	2722.1	2689.7	2702.4	2703.8	2713.6
5°	2720.7	2724.9	2722.1	2719.3	2715.0	2723.5	2715.0	2681.3	2693.9	2695.3	2705.2
7.5°	2748.8	2750.2	2750.2	2743.2	2731.9	2736.1	2724.9	2686.9	2693.9	2693.9	2701.0
10°	2819.2	2822.0	2826.2	2807.9	2793.9	2782.6	2767.1	2720.7	2719.3	2708.0	2708.0
12.5°	2910.7	2903.6	2896.6	2888.2	2876.9	2862.8	2840.3	2785.4	2767.1	2748.8	2730.5
15°	2937.4	2934.6	2933.2	2929.0	2921.9	2917.7	2900.8	2845.9	2819.2	2796.7	2764.3
17.5°	2867.0	2872.7	2891.0	2892.4	2900.8	2917.7	2914.9	2876.9	2853.0	2843.1	2803.7
20°	2740.4	2741.8	2764.3	2774.1	2810.7	2838.9	2860.0	2855.8	2850.2	2861.4	2831.9
22.5°	2588.4	2598.2	2622.1	2637.6	2672.8	2705.2	2739.0	2757.3	2786.8	2833.3	2827.6
25°	2381.5	2394.1	2427.9	2453.2	2502.5	2551.8	2596.8	2629.2	2664.4	2753.0	2782.6
27.5°	2133.7	2153.4	2197.1	2222.4	2291.4	2342.0	2406.8	2470.1	2519.4	2620.7	2681.3
30°	1873.4	1890.2	1936.7	1971.9	2031.0	2100.0	2181.6	2271.7	2353.3	2456.1	2532.1
32.5°	1629.9	1648.2	1686.2	1717.1	1783.3	1841.0	1931.1	2042.3	2118.3	2260.4	2361.8
35°	1417.3	1434.2	1461.0	1487.7	1542.6	1601.7	1679.1	1787.5	1884.6	2032.4	2160.5
37.5°	1268.1	1271.0	1286.4	1301.9	1342.7	1387.8	1448.3	1544.0	1634.1	1793.1	1933.9
40°	1161.2	1161.2	1169.6	1173.8	1192.1	1218.9	1256.9	1331.5	1406.1	1527.1	1698.8
42.5°	1095.0	1092.2	1092.2	1093.6	1092.2	1104.9	1127.4	1162.6	1228.7	1328.7	1462.4
45°	1045.8	1040.1	1035.9	1026.1	1020.4	1020.4	1021.8	1034.5	1072.5	1137.2	1245.6
47.5°	990.9	989.5	982.4	971.2	961.3	954.3	943.0	938.8	950.1	986.6	1059.8
50°	927.5	920.5	913.5	905.0	893.8	886.7	865.6	867.0	857.2	874.0	912.0
52.5°	834.6	829.0	826.2	819.2	814.9	812.1	795.2	778.3	774.1	776.9	791.0
55°	731.9	734.7	723.4	729.1	727.7	715.0	708.0	695.3	691.1	689.7	696.7
57.5°	624.9	627.7	620.7	626.3	626.3	619.3	615.1	615.1	605.2	596.8	606.6
60°	527.8	522.2	526.4	533.4	533.4	529.2	526.4	526.4	519.4	516.5	523.6
62.5°	449.0	443.4	447.6	454.6	456.0	453.2	450.4	450.4	441.9	441.9	447.6
65°	388.5	389.9	388.5	394.1	394.1	395.5	392.7	389.9	380.0	384.2	382.8
67.5°	344.8	343.4	343.4	349.1	347.6	350.5	347.6	343.4	336.4	330.8	329.4
70°	308.2	306.8	306.8	309.6	311.1	311.1	309.6	306.8	297.0	291.3	287.1
72.5°	275.9	274.5	275.9	277.3	278.7	280.1	278.7	275.9	267.4	260.4	253.3
75°	246.3	244.9	249.1	249.1	250.5	250.5	251.9	250.5	243.5	235.0	226.6
77.5°	216.8	218.2	222.4	223.8	226.6	228.0	229.4	229.4	222.4	215.3	204.1
80°	192.8	195.6	198.5	199.9	202.7	206.9	208.3	209.7	204.1	197.0	184.4
82.5°	175.9	177.3	180.2	181.6	185.8	187.2	188.6	191.4	188.6	181.6	167.5
85°	161.9	163.3	166.1	166.1	168.9	171.7	173.1	174.5	173.1	166.1	152.0
87.5°	149.2	150.6	152.0	153.4	154.8	156.2	157.6	159.0	157.6	150.6	137.9
90°	137.9	137.9	139.3	139.3	140.7	142.2	145.0	145.0	143.6	137.9	125.3
92.5°	125.3	126.7	126.7	128.1	129.5	130.9	132.3	132.3	130.9	125.3	114.0
95°	116.8	116.8	118.2	118.2	119.6	119.6	121.0	121.0	119.6	114.0	102.7
97.5°	107.0	107.0	107.0	107.0	108.4	108.4	109.8	109.8	108.4	102.7	92.9
100°	98.5	98.5	98.5	98.5	98.5	99.9	99.9	99.9	98.5	92.9	83.0
102.5°	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	88.7	84.4	74.6
105°	87.3	87.3	87.3	85.9	85.9	85.9	84.4	84.4	80.2	76.0	67.6
107.5°	81.6	81.6	81.6	80.2	80.2	78.8	77.4	77.4	73.2	69.0	60.5
110°	77.4	77.4	77.4	76.0	74.6	73.2	71.8	70.4	66.2	60.5	53.5



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	73.2	73.2	71.8	71.8	70.4	69.0	66.2	64.7	60.5	54.9	47.9
115°	67.6	67.6	67.6	66.2	64.7	63.3	61.9	59.1	54.9	49.3	42.2
117.5°	61.9	61.9	61.9	60.5	59.1	57.7	56.3	53.5	49.3	43.6	38.0
120°	56.3	56.3	56.3	54.9	53.5	52.1	50.7	47.9	43.6	39.4	32.4
122.5°	52.1	52.1	50.7	49.3	47.9	46.4	45.0	42.2	39.4	33.8	28.1
125°	46.4	46.4	45.0	45.0	43.6	42.2	40.8	38.0	33.8	29.6	25.3
127.5°	42.2	40.8	40.8	40.8	39.4	38.0	35.2	33.8	29.6	25.3	21.1
130°	36.6	36.6	36.6	35.2	35.2	33.8	31.0	28.1	25.3	22.5	18.3
132.5°	32.4	32.4	32.4	32.4	31.0	29.6	26.7	25.3	22.5	18.3	15.5
135°	29.6	29.6	28.1	28.1	26.7	25.3	23.9	21.1	18.3	15.5	12.7
137.5°	25.3	25.3	25.3	23.9	23.9	22.5	19.7	18.3	16.9	14.1	11.3
140°	22.5	22.5	21.1	21.1	19.7	19.7	18.3	15.5	14.1	11.3	9.9
142.5°	19.7	19.7	18.3	18.3	16.9	16.9	15.5	14.1	11.3	9.9	7.0
145°	16.9	16.9	15.5	15.5	15.5	14.1	12.7	11.3	9.9	8.4	7.0
147.5°	14.1	14.1	14.1	12.7	12.7	11.3	11.3	9.9	8.4	7.0	5.6
150°	12.7	12.7	11.3	11.3	11.3	9.9	8.4	8.4	7.0	5.6	4.2
152.5°	9.9	9.9	9.9	9.9	8.4	8.4	7.0	7.0	5.6	4.2	4.2
155°	8.4	8.4	8.4	7.0	7.0	7.0	5.6	5.6	4.2	4.2	2.8
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: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9	2724.9
2.5°	2709.4	2708.0	2720.7	2719.3	2702.4	2727.7	2744.6
5°	2702.4	2701.0	2712.2	2715.0	2696.7	2723.5	2741.8
7.5°	2696.7	2695.3	2708.0	2712.2	2693.9	2717.8	2737.6
10°	2698.1	2691.1	2702.4	2705.2	2688.3	2713.6	2730.5
12.5°	2708.0	2691.1	2695.3	2695.3	2679.8	2702.4	2720.7
15°	2731.9	2696.7	2691.1	2686.9	2667.2	2688.3	2706.6
17.5°	2758.7	2710.8	2691.1	2677.0	2653.1	2671.4	2691.1
20°	2785.4	2726.3	2693.9	2671.4	2639.0	2655.9	2670.0
22.5°	2798.1	2740.4	2696.7	2663.0	2622.1	2630.6	2646.1
25°	2781.2	2734.7	2691.1	2650.3	2601.0	2602.4	2615.1
27.5°	2719.3	2706.6	2678.4	2637.6	2584.1	2577.1	2587.0
30°	2613.7	2648.9	2650.3	2620.7	2564.4	2550.4	2554.6
32.5°	2465.9	2544.7	2591.2	2585.5	2536.3	2516.6	2519.4
35°	2295.6	2394.1	2495.5	2529.2	2494.1	2478.6	2472.9
37.5°	2091.5	2223.8	2358.9	2442.0	2436.4	2426.5	2420.9
40°	1866.3	2025.4	2185.8	2318.1	2358.9	2358.9	2361.8
42.5°	1625.6	1811.4	1987.4	2154.9	2250.6	2271.7	2280.1
45°	1393.4	1580.6	1772.0	1964.8	2092.9	2159.1	2183.0
47.5°	1182.3	1370.9	1552.5	1763.6	1933.9	2019.7	2057.7
50°	1002.1	1142.9	1334.3	1544.0	1729.8	1835.4	1910.0
52.5°	852.9	962.7	1130.2	1325.8	1513.0	1658.0	1727.0
55°	727.7	802.3	944.4	1113.3	1292.1	1442.7	1522.9
57.5°	622.1	681.2	778.3	919.1	1069.7	1218.9	1304.7
60°	529.2	570.0	636.2	747.4	875.5	1003.5	1086.6
62.5°	449.0	475.7	519.4	601.0	700.9	800.9	878.3
65°	387.1	398.3	422.2	472.9	548.9	624.9	691.1
67.5°	326.5	333.6	351.9	382.8	420.8	475.7	519.4
70°	281.5	281.5	282.9	301.2	320.9	356.1	387.1
72.5°	244.9	240.7	232.2	236.5	240.7	260.4	280.1
75°	215.3	205.5	191.4	185.8	183.0	185.8	197.0
77.5°	190.0	175.9	159.0	145.0	133.7	129.5	139.3
80°	168.9	152.0	132.3	114.0	95.7	85.9	90.1
82.5°	152.0	130.9	109.8	88.7	67.6	53.5	53.5
85°	133.7	114.0	91.5	69.0	47.9	29.6	26.7
87.5°	121.0	99.9	76.0	54.9	33.8	15.5	8.4
90°	108.4	87.3	64.7	43.6	23.9	7.0	0.0
92.5°	97.1	77.4	56.3	35.2	16.9	4.2	0.0
95°	87.3	69.0	47.9	29.6	14.1	2.8	1.4
97.5°	77.4	60.5	42.2	23.9	9.9	2.8	1.4
100°	70.4	53.5	36.6	19.7	8.4	1.4	1.4
102.5°	61.9	47.9	31.0	16.9	7.0	1.4	1.4
105°	54.9	42.2	26.7	14.1	5.6	1.4	1.4
107.5°	49.3	36.6	23.9	12.7	5.6	1.4	1.4
110°	43.6	32.4	21.1	11.3	4.2	1.4	1.4



TEST NUMBER: P290234

CATALOG NUMBER: 8SSRK-LC-60-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	39.4	28.1	18.3	9.9	2.8	1.4	1.4
115°	33.8	25.3	15.5	8.4	2.8	1.4	1.4
117.5°	29.6	21.1	14.1	7.0	2.8	1.4	1.4
120°	25.3	18.3	11.3	5.6	1.4	1.4	1.4
122.5°	22.5	15.5	9.9	5.6	1.4	1.4	1.4
125°	19.7	14.1	8.4	4.2	1.4	1.4	1.4
127.5°	16.9	11.3	7.0	2.8	1.4	1.4	1.4
130°	14.1	9.9	5.6	2.8	1.4	1.4	1.4
132.5°	11.3	8.4	5.6	2.8	1.4	1.4	1.4
135°	9.9	7.0	4.2	2.8	1.4	1.4	1.4
137.5°	8.4	5.6	2.8	2.8	2.8	1.4	1.4
140°	7.0	4.2	2.8	2.8	2.8	2.8	1.4
142.5°	5.6	4.2	2.8	2.8	2.8	2.8	1.4
145°	4.2	2.8	2.8	2.8	2.8	2.8	1.4
147.5°	4.2	2.8	2.8	2.8	2.8	2.8	1.4
150°	2.8	2.8	2.8	2.8	2.8	2.8	2.8
152.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8
155°	2.8	2.8	2.8	2.8	2.8	2.8	2.8
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)