

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: P290201

Luminaire Tested: **4SSRK-LC-60-L835-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: P290201
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: 4SSRK-LC-60-L835-CD1-U
Description: 6000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6440.7 lumens
Efficiency: N/A
Efficacy: 143.8 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')
CIE Type: Direct

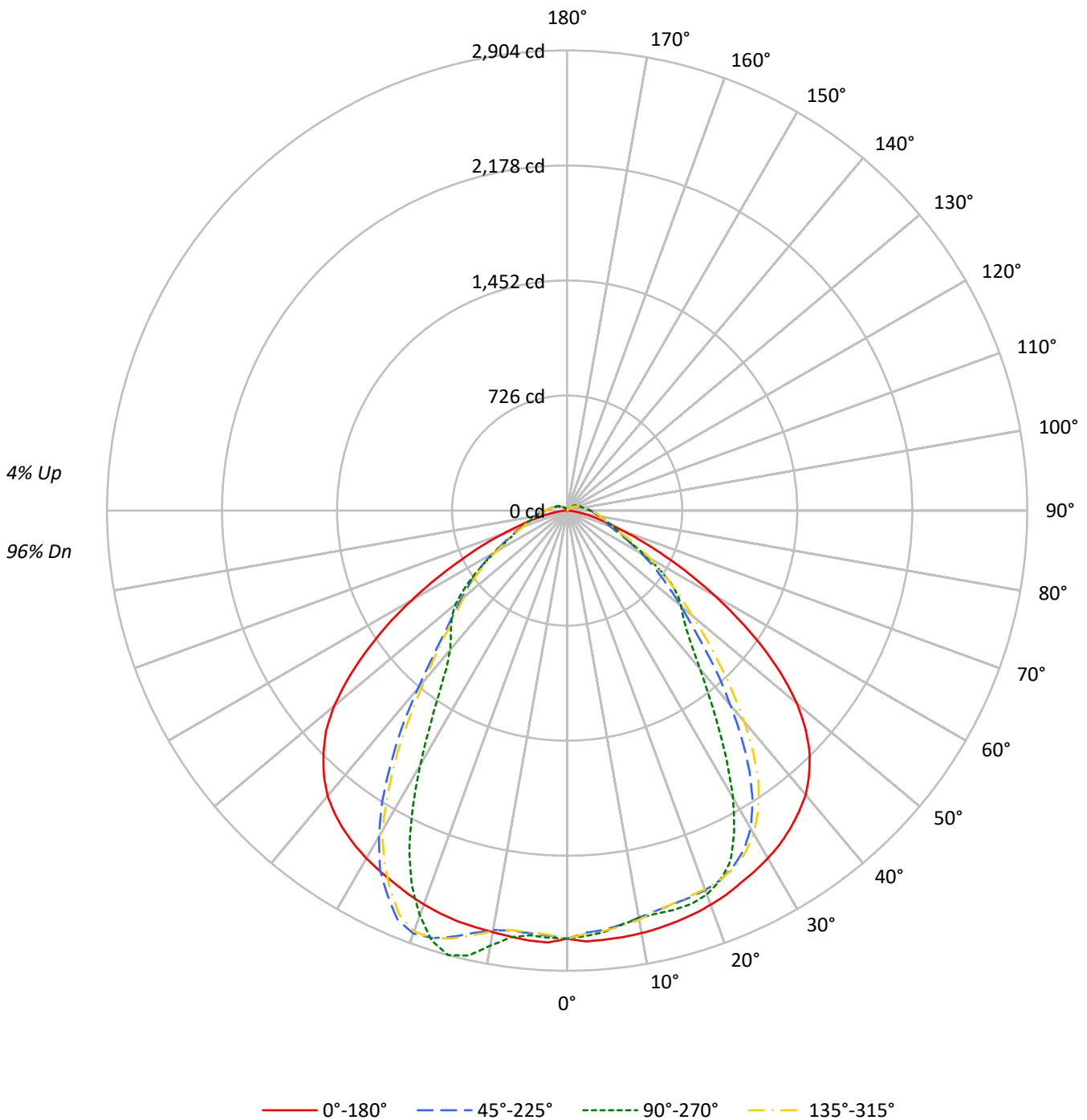
Input Watts (W): 44.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	174484	174484	174484	174484
5°	175593	128204	175955	129208
10°	176248	100409	175883	107223
15°	177441	84172	177355	93718
20°	179225	72171	179035	76075
25°	181240	60667	181142	58620
30°	184444	47139	184546	41760
35°	187831	34446	188367	29151
40°	190753	25197	191543	22199
45°	189776	19451	190758	18941
50°	181265	16338	183802	15973
55°	160462	13389	164468	12173
60°	129784	9322	136675	8548
65°	96121	6457	103556	6124
70°	65028	5011	73296	4791
75°	42196	4023	49128	3804
80°	26864	3287	31497	3024
85°	13302	2810	17518	2568



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	256.6	4.0
10°-20°	763.6	11.9
20°-30°	1160.8	18.0
30°-40°	1245.3	19.3
40°-50°	1080.8	16.8
50°-60°	801.0	12.4
60°-70°	458.9	7.1
70°-80°	254.1	3.9
80°-90°	154.7	2.4
90°-100°	100.6	1.6
100°-110°	67.4	1.0
110°-120°	45.5	0.7
120°-130°	27.9	0.4
130°-140°	14.7	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°	2181.0	33.9
0°-40°	3426.3	53.2
0°-60°	5308.0	82.4
0°-90°	6175.8	95.9
90°-120°	213.6	3.3
90°-150°	262.9	4.1
90°-180°	265.0	4.1
0°-180°	6440.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2702	2702	2702	2702	2702	
5°	2718	2670	2724	2690	2718	259
15°	2684	2608	2682	2904	2684	759
25°	2593	2439	2591	2357	2593	1199
35°	2452	1661	2459	1405	2452	1535
45°	2164	1065	2176	1037	2164	1657
55°	1510	798	1548	726	1510	1339
65°	685	405	738	384	685	691
75°	195	257	228	243	195	223
85°	26	177	35	162	26	35
90°	0	148	3	137	0	1
95°	1	121	0	116	1	1
105°	1	91	1	86	1	1
115°	1	74	1	67	1	1
125°	1	56	1	46	1	1
135°	1	35	1	29	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	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2721.2	2714.2	2711.5	2705.9	2710.1	2726.8	2715.6	2697.5	2698.9	2666.8	2683.5
5°	2718.4	2710.1	2705.9	2700.3	2703.1	2718.4	2707.3	2689.1	2687.7	2655.6	2671.0
7.5°	2714.2	2705.9	2698.9	2694.7	2696.1	2708.7	2694.7	2673.8	2669.6	2634.7	2648.7
10°	2707.3	2701.7	2691.9	2684.9	2683.5	2697.5	2675.2	2654.2	2644.5	2608.2	2622.1
12.5°	2697.5	2689.1	2679.4	2666.8	2665.4	2673.8	2655.6	2626.3	2616.6	2587.3	2602.6
15°	2683.5	2673.8	2662.6	2648.7	2641.7	2647.3	2624.9	2598.4	2597.0	2571.9	2592.8
17.5°	2668.2	2654.2	2641.7	2622.1	2612.4	2616.6	2598.4	2574.7	2577.5	2562.1	2585.9
20°	2647.3	2631.9	2612.4	2592.8	2578.9	2585.9	2573.3	2555.2	2559.3	2548.2	2569.1
22.5°	2623.5	2602.6	2578.9	2556.6	2545.4	2555.2	2545.4	2530.0	2531.4	2524.5	2537.0
25°	2592.8	2569.1	2541.2	2513.3	2507.7	2514.7	2509.1	2496.6	2491.0	2479.8	2485.4
27.5°	2564.9	2538.4	2503.5	2474.2	2464.5	2478.4	2465.9	2444.9	2429.6	2414.2	2403.1
30°	2532.8	2500.7	2461.7	2428.2	2419.8	2425.4	2407.2	2375.1	2334.7	2315.1	2284.4
32.5°	2497.9	2456.1	2407.2	2369.6	2364.0	2359.8	2326.3	2280.2	2217.5	2178.4	2130.9
35°	2451.9	2405.8	2347.2	2301.2	2292.8	2269.1	2214.7	2153.3	2072.3	2005.3	1924.4
37.5°	2400.3	2345.8	2284.4	2223.0	2199.3	2151.9	2075.1	2010.9	1888.1	1807.2	1709.5
40°	2341.7	2276.1	2200.7	2126.7	2087.7	2010.9	1923.0	1828.1	1709.5	1600.6	1518.3
42.5°	2260.7	2190.9	2101.6	2019.3	1952.3	1850.4	1747.2	1613.2	1504.4	1412.2	1328.5
45°	2164.4	2080.7	1977.4	1878.3	1793.2	1671.8	1550.4	1416.4	1325.7	1218.3	1161.1
47.5°	2040.2	1949.5	1839.3	1729.0	1617.4	1483.4	1356.4	1228.0	1137.3	1060.6	1018.7
50°	1893.7	1810.0	1688.6	1557.4	1434.6	1295.0	1168.0	1071.7	983.8	936.4	904.3
52.5°	1712.3	1634.1	1509.9	1367.6	1249.0	1112.2	996.4	918.2	855.4	820.6	809.4
55°	1509.9	1441.6	1318.7	1186.2	1064.8	939.2	851.3	782.9	742.4	721.5	722.9
57.5°	1293.6	1240.6	1124.8	1006.2	891.7	796.8	717.3	662.9	632.2	630.8	635.0
60°	1077.3	1038.3	937.8	835.9	735.4	658.7	600.1	562.4	542.8	544.2	542.8
62.5°	870.8	834.5	761.9	678.2	598.7	547.0	494.0	478.7	461.9	460.5	460.5
65°	685.2	657.3	598.7	538.7	478.7	445.2	418.7	400.5	387.9	385.2	386.6
67.5°	514.9	503.8	463.3	422.8	385.2	364.2	341.9	337.7	327.9	327.9	330.7
70°	383.8	375.4	353.1	329.3	314.0	300.0	288.9	288.9	287.5	286.1	293.1
72.5°	277.7	279.1	272.1	254.0	252.6	249.8	247.0	251.2	252.6	256.8	265.1
75°	195.4	199.6	199.6	196.8	202.3	209.3	213.5	220.5	228.9	234.4	244.2
77.5°	138.2	138.2	145.1	153.5	164.7	177.2	188.4	198.2	209.3	216.3	224.7
80°	89.3	93.5	104.7	120.0	135.4	152.1	167.5	180.0	191.2	202.3	207.9
82.5°	53.0	60.0	74.0	93.5	113.0	134.0	149.3	164.7	177.2	188.4	192.6
85°	26.5	36.3	53.0	74.0	94.9	117.2	136.8	150.7	164.7	174.4	180.0
87.5°	8.4	19.5	37.7	57.2	79.5	101.9	122.8	138.2	150.7	159.1	164.7
90°	0.0	9.8	26.5	47.4	68.4	90.7	110.2	127.0	139.6	146.5	150.7
92.5°	0.0	5.6	20.9	39.1	58.6	80.9	100.5	115.8	127.0	134.0	136.8
95°	1.4	4.2	15.4	32.1	51.6	72.6	90.7	104.7	115.8	122.8	124.2
97.5°	1.4	2.8	12.6	26.5	44.7	64.2	82.3	96.3	104.7	111.6	113.0
100°	1.4	2.8	9.8	23.7	39.1	57.2	74.0	86.5	96.3	101.9	103.3
102.5°	1.4	1.4	8.4	19.5	34.9	50.2	65.6	78.1	86.5	92.1	94.9
105°	1.4	1.4	7.0	16.7	30.7	44.7	58.6	71.2	78.1	83.7	86.5
107.5°	1.4	1.4	5.6	14.0	26.5	39.1	53.0	62.8	71.2	76.8	79.5
110°	1.4	1.4	4.2	12.6	22.3	34.9	46.1	55.8	64.2	69.8	72.6



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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	11.2	19.5	30.7	40.5	50.2	57.2	62.8	67.0
115°	1.4	1.4	4.2	9.8	18.1	26.5	36.3	44.7	51.6	57.2	61.4
117.5°	1.4	1.4	4.2	8.4	15.4	23.7	32.1	40.5	46.1	51.6	55.8
120°	1.4	1.4	2.8	7.0	14.0	20.9	27.9	34.9	41.9	47.4	51.6
122.5°	1.4	1.4	2.8	7.0	11.2	18.1	25.1	30.7	37.7	41.9	46.1
125°	1.4	1.4	2.8	5.6	9.8	16.7	22.3	27.9	32.1	37.7	41.9
127.5°	1.4	1.4	2.8	5.6	8.4	14.0	19.5	25.1	29.3	33.5	36.3
130°	1.4	1.4	2.8	4.2	7.0	11.2	16.7	20.9	26.5	29.3	32.1
132.5°	1.4	1.4	1.4	4.2	5.6	8.4	12.6	18.1	22.3	26.5	27.9
135°	1.4	1.4	1.4	2.8	5.6	7.0	9.8	14.0	18.1	22.3	25.1
137.5°	1.4	1.4	1.4	2.8	4.2	7.0	8.4	11.2	15.4	18.1	22.3
140°	1.4	1.4	1.4	2.8	4.2	5.6	7.0	9.8	12.6	15.4	18.1
142.5°	1.4	1.4	1.4	2.8	2.8	4.2	5.6	8.4	9.8	12.6	15.4
145°	1.4	1.4	1.4	2.8	2.8	4.2	5.6	7.0	8.4	9.8	12.6
147.5°	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.6	7.0	8.4	9.8
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°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2678.0	2680.8	2697.5	2696.1	2693.3	2690.5	2690.5	2687.7	2690.5	2697.5	2694.7
5°	2664.0	2668.2	2680.8	2679.4	2676.6	2675.2	2673.8	2669.6	2672.4	2682.2	2679.4
7.5°	2638.9	2643.1	2654.2	2648.7	2644.5	2647.3	2640.3	2636.1	2641.7	2651.5	2650.1
10°	2612.4	2615.2	2629.1	2626.3	2619.4	2620.8	2613.8	2611.0	2618.0	2623.5	2624.9
12.5°	2594.2	2604.0	2616.6	2615.2	2613.8	2615.2	2608.2	2605.4	2609.6	2615.2	2613.8
15°	2590.0	2602.6	2616.6	2616.6	2618.0	2619.4	2612.4	2608.2	2612.4	2616.6	2615.2
17.5°	2585.9	2601.2	2613.8	2612.4	2613.8	2616.6	2605.4	2602.6	2608.2	2613.8	2611.0
20°	2571.9	2585.9	2594.2	2591.4	2591.4	2592.8	2578.9	2578.9	2587.3	2591.4	2592.8
22.5°	2532.8	2549.6	2549.6	2542.6	2542.6	2537.0	2532.8	2524.5	2534.2	2541.2	2546.8
25°	2474.2	2481.2	2472.8	2457.5	2449.1	2442.1	2422.6	2439.3	2439.3	2460.3	2467.2
27.5°	2391.9	2376.5	2352.8	2320.7	2313.7	2291.4	2278.9	2283.0	2290.0	2319.3	2341.7
30°	2256.5	2210.5	2170.0	2156.0	2125.3	2103.0	2080.7	2091.9	2104.4	2121.2	2167.2
32.5°	2077.9	2033.2	1967.7	1943.9	1911.8	1883.9	1857.4	1874.2	1896.5	1907.6	1957.9
35°	1872.8	1819.7	1759.7	1719.3	1685.8	1670.4	1636.9	1660.6	1684.4	1692.7	1736.0
37.5°	1655.1	1600.6	1547.6	1512.7	1480.6	1470.9	1448.5	1465.3	1483.4	1496.0	1532.3
40°	1448.5	1398.3	1357.8	1334.1	1311.8	1303.4	1295.0	1302.0	1316.0	1325.7	1353.6
42.5°	1271.3	1230.8	1202.9	1189.0	1173.6	1162.5	1163.8	1166.6	1173.6	1194.5	1207.1
45°	1116.4	1092.7	1074.5	1071.7	1062.0	1060.6	1059.2	1064.8	1069.0	1081.5	1091.3
47.5°	992.2	982.4	978.2	983.8	988.0	982.4	985.2	992.2	1000.6	1000.6	999.2
50°	894.5	897.3	902.9	915.4	923.8	926.6	929.4	937.8	939.2	942.0	937.8
52.5°	815.0	817.8	833.1	852.7	862.4	866.6	872.2	880.6	880.6	883.4	877.8
55°	734.0	738.2	753.6	773.1	781.5	787.1	792.6	798.2	802.4	808.0	803.8
57.5°	644.7	657.3	667.0	672.6	678.2	682.4	686.6	688.0	696.4	697.8	704.7
60°	549.8	552.6	562.4	561.0	556.8	568.0	562.4	572.2	581.9	594.5	595.9
62.5°	459.1	460.5	467.5	464.7	470.3	468.9	473.1	473.1	480.1	485.6	492.6
65°	387.9	389.3	394.9	394.9	393.5	397.7	401.9	404.7	404.7	408.9	414.5
67.5°	334.9	339.1	344.7	347.5	350.3	350.3	354.5	355.9	358.6	360.0	362.8
70°	298.6	304.2	309.8	312.6	314.0	316.8	318.2	318.2	321.0	322.4	325.2
72.5°	272.1	277.7	281.9	281.9	284.7	286.1	286.1	287.5	288.9	291.7	294.5
75°	249.8	254.0	256.8	255.4	255.4	255.4	256.8	256.8	259.6	262.4	265.1
77.5°	228.9	233.0	233.0	230.3	230.3	230.3	230.3	231.7	233.0	235.8	238.6
80°	213.5	213.5	212.1	212.1	209.3	207.9	207.9	209.3	209.3	212.1	216.3
82.5°	196.8	196.8	195.4	194.0	192.6	191.2	191.2	192.6	194.0	195.4	198.2
85°	181.4	181.4	178.6	178.6	177.2	177.2	177.2	177.2	178.6	180.0	182.8
87.5°	166.1	164.7	163.3	161.9	161.9	161.9	161.9	161.9	163.3	166.1	167.5
90°	150.7	149.3	147.9	147.9	146.5	146.5	147.9	147.9	149.3	150.7	152.1
92.5°	136.8	135.4	134.0	134.0	132.6	132.6	134.0	132.6	135.4	135.4	136.8
95°	124.2	122.8	121.4	121.4	121.4	121.4	121.4	121.4	122.8	122.8	124.2
97.5°	113.0	111.6	110.2	110.2	111.6	110.2	111.6	111.6	111.6	113.0	114.4
100°	103.3	101.9	101.9	103.3	101.9	101.9	103.3	103.3	103.3	103.3	104.7
102.5°	94.9	94.9	94.9	94.9	94.9	94.9	96.3	96.3	96.3	96.3	97.7
105°	86.5	87.9	87.9	87.9	89.3	89.3	89.3	90.7	90.7	90.7	90.7
107.5°	80.9	82.3	82.3	83.7	83.7	85.1	85.1	85.1	85.1	86.5	86.5
110°	75.4	76.8	78.1	79.5	79.5	80.9	80.9	80.9	80.9	80.9	80.9



TEST NUMBER: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	69.8	71.2	72.6	75.4	76.8	76.8	76.8	76.8	78.1	78.1	76.8
115°	64.2	67.0	68.4	71.2	72.6	72.6	74.0	74.0	74.0	74.0	72.6
117.5°	58.6	62.8	64.2	67.0	68.4	68.4	69.8	69.8	69.8	69.8	68.4
120°	54.4	57.2	60.0	61.4	62.8	64.2	64.2	65.6	65.6	65.6	64.2
122.5°	50.2	53.0	55.8	57.2	58.6	60.0	60.0	60.0	60.0	60.0	60.0
125°	44.7	47.4	50.2	51.6	53.0	54.4	54.4	55.8	55.8	55.8	54.4
127.5°	40.5	43.3	44.7	47.4	48.8	48.8	50.2	50.2	50.2	50.2	48.8
130°	34.9	37.7	40.5	41.9	43.3	43.3	44.7	44.7	44.7	44.7	44.7
132.5°	30.7	33.5	34.9	37.7	37.7	39.1	39.1	40.5	40.5	40.5	39.1
135°	27.9	29.3	30.7	33.5	33.5	34.9	34.9	34.9	34.9	34.9	34.9
137.5°	25.1	26.5	27.9	29.3	29.3	30.7	30.7	30.7	30.7	32.1	30.7
140°	20.9	23.7	25.1	25.1	26.5	26.5	26.5	27.9	27.9	27.9	26.5
142.5°	18.1	19.5	20.9	22.3	23.7	23.7	23.7	23.7	25.1	23.7	23.7
145°	14.0	16.7	18.1	19.5	20.9	20.9	20.9	20.9	20.9	20.9	20.9
147.5°	11.2	12.6	15.4	16.7	16.7	18.1	18.1	18.1	18.1	18.1	18.1
150°	9.8	9.8	12.6	14.0	15.4	15.4	15.4	15.4	15.4	15.4	15.4
152.5°	7.0	8.4	9.8	11.2	12.6	12.6	12.6	12.6	12.6	12.6	12.6
155°	7.0	7.0	8.4	8.4	9.8	9.8	9.8	9.8	11.2	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: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2690.5	2689.1	2694.7	2689.1	2661.2	2672.4	2668.2	2683.5	2684.9	2689.1	2703.1
5°	2676.6	2676.6	2683.5	2678.0	2651.5	2662.6	2661.2	2676.6	2679.4	2682.2	2697.5
7.5°	2648.7	2650.1	2659.8	2655.6	2627.7	2644.5	2643.1	2661.2	2666.8	2672.4	2686.3
10°	2622.1	2620.8	2631.9	2627.7	2601.2	2620.8	2619.4	2637.5	2645.9	2655.6	2672.4
12.5°	2608.2	2604.0	2608.2	2604.0	2574.7	2590.0	2591.4	2612.4	2622.1	2634.7	2654.2
15°	2608.2	2601.2	2601.2	2592.8	2559.3	2569.1	2570.5	2584.5	2597.0	2609.6	2633.3
17.5°	2605.4	2598.4	2597.0	2590.0	2553.8	2553.8	2552.4	2562.1	2569.1	2581.7	2606.8
20°	2590.0	2587.3	2585.9	2581.7	2548.2	2542.6	2539.8	2539.8	2544.0	2548.2	2573.3
22.5°	2549.6	2552.4	2555.2	2558.0	2531.4	2521.7	2523.1	2520.3	2516.1	2516.1	2537.0
25°	2474.2	2488.2	2499.3	2511.9	2496.6	2489.6	2497.9	2493.8	2486.8	2481.2	2499.3
27.5°	2354.2	2383.5	2407.2	2437.9	2439.3	2433.8	2456.1	2453.3	2451.9	2443.5	2457.5
30°	2188.1	2234.2	2266.3	2310.9	2348.6	2354.2	2391.9	2397.5	2403.1	2398.9	2412.8
32.5°	1987.2	2050.0	2104.4	2174.2	2210.5	2242.6	2295.6	2317.9	2340.3	2347.2	2362.6
35°	1768.1	1839.3	1903.5	1980.2	2037.4	2107.2	2171.4	2204.9	2255.1	2274.7	2297.0
37.5°	1560.2	1627.2	1690.0	1766.7	1858.8	1931.4	2010.9	2086.3	2154.7	2182.6	2216.1
40°	1376.0	1430.4	1490.4	1557.4	1641.1	1736.0	1822.5	1927.2	2008.1	2063.9	2112.8
42.5°	1236.4	1262.9	1314.6	1374.6	1441.6	1537.8	1625.8	1743.0	1840.7	1920.2	2001.1
45°	1112.2	1124.8	1162.5	1194.5	1262.9	1348.1	1441.6	1556.0	1657.9	1759.7	1857.4
47.5°	1006.2	1021.5	1039.6	1059.2	1108.0	1179.2	1260.1	1363.4	1465.3	1583.9	1695.5
50°	935.0	939.2	942.0	950.3	979.6	1028.5	1094.1	1182.0	1279.7	1406.7	1525.3
52.5°	872.2	872.2	863.8	859.6	870.8	901.5	939.2	1002.0	1102.4	1219.7	1345.3
55°	805.2	792.6	789.9	775.9	778.7	792.6	810.8	859.6	942.0	1042.4	1163.8
57.5°	711.7	706.1	706.1	700.5	689.4	696.4	700.5	735.4	794.0	880.6	986.6
60°	604.3	601.5	608.4	609.8	600.1	604.3	602.9	623.8	665.7	735.4	823.3
62.5°	496.8	509.4	510.8	516.3	510.8	509.4	516.3	534.5	555.4	608.4	676.8
65°	417.3	424.2	425.6	432.6	429.8	429.8	435.4	449.4	461.9	498.2	551.2
67.5°	365.6	362.8	364.2	368.4	364.2	362.8	367.0	375.4	385.2	407.5	445.2
70°	325.2	322.4	322.4	322.4	316.8	312.6	314.0	316.8	321.0	333.5	357.2
72.5°	294.5	294.5	290.3	286.1	281.9	279.1	276.3	273.5	272.1	276.3	288.9
75°	266.5	267.9	266.5	262.4	256.8	251.2	245.6	240.0	233.0	230.3	231.7
77.5°	241.4	242.8	244.2	242.8	237.2	230.3	221.9	213.5	203.7	194.0	188.4
80°	219.1	221.9	223.3	221.9	217.7	212.1	202.3	192.6	178.6	166.1	152.1
82.5°	199.6	203.7	205.1	205.1	202.3	196.8	185.6	174.4	159.1	142.3	124.2
85°	184.2	187.0	189.8	189.8	188.4	182.8	171.6	159.1	143.7	124.2	104.7
87.5°	168.9	170.3	173.0	175.8	173.0	167.5	157.7	143.7	128.4	108.8	86.5
90°	153.5	154.9	157.7	160.5	159.1	153.5	145.1	132.6	115.8	94.9	72.6
92.5°	138.2	140.9	142.3	143.7	145.1	140.9	134.0	121.4	104.7	83.7	62.8
95°	127.0	127.0	129.8	131.2	132.6	128.4	122.8	110.2	94.9	75.4	54.4
97.5°	115.8	115.8	118.6	118.6	120.0	117.2	111.6	100.5	85.1	67.0	46.1
100°	104.7	106.1	107.5	108.8	108.8	107.5	101.9	90.7	76.8	60.0	40.5
102.5°	97.7	97.7	99.1	99.1	100.5	97.7	92.1	82.3	68.4	53.0	34.9
105°	90.7	90.7	92.1	92.1	90.7	87.9	82.3	74.0	61.4	46.1	30.7
107.5°	85.1	85.1	85.1	85.1	83.7	80.9	75.4	65.6	54.4	41.9	27.9
110°	80.9	79.5	79.5	78.1	76.8	72.6	67.0	58.6	48.8	36.3	23.7



TEST NUMBER: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	76.8	75.4	74.0	72.6	69.8	65.6	60.0	53.0	43.3	32.1	20.9
115°	72.6	71.2	69.8	67.0	64.2	60.0	54.4	47.4	37.7	27.9	18.1
117.5°	68.4	67.0	64.2	61.4	58.6	54.4	48.8	41.9	33.5	25.1	16.7
120°	62.8	61.4	60.0	57.2	54.4	48.8	43.3	37.7	29.3	22.3	14.0
122.5°	58.6	57.2	54.4	53.0	48.8	44.7	39.1	33.5	26.5	19.5	12.6
125°	53.0	51.6	50.2	47.4	44.7	39.1	34.9	29.3	23.7	16.7	9.8
127.5°	48.8	47.4	44.7	41.9	39.1	34.9	30.7	26.5	20.9	14.0	9.8
130°	43.3	41.9	40.5	37.7	34.9	30.7	27.9	22.3	18.1	12.6	8.4
132.5°	37.7	37.7	36.3	33.5	30.7	27.9	23.7	19.5	15.4	11.2	7.0
135°	34.9	33.5	32.1	29.3	27.9	23.7	20.9	16.7	12.6	9.8	5.6
137.5°	30.7	29.3	27.9	26.5	23.7	20.9	18.1	14.0	11.2	8.4	5.6
140°	26.5	25.1	25.1	22.3	20.9	18.1	15.4	12.6	9.8	7.0	4.2
142.5°	23.7	22.3	20.9	19.5	18.1	15.4	12.6	9.8	8.4	5.6	4.2
145°	20.9	19.5	18.1	16.7	15.4	12.6	11.2	8.4	7.0	5.6	4.2
147.5°	16.7	16.7	15.4	14.0	12.6	11.2	9.8	8.4	5.6	4.2	2.8
150°	14.0	14.0	12.6	11.2	11.2	9.8	8.4	7.0	5.6	4.2	2.8
152.5°	12.6	11.2	11.2	9.8	9.8	8.4	7.0	5.6	4.2	4.2	2.8
155°	9.8	9.8	9.8	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: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2705.9	2689.1	2703.1	2728.2	2725.4	2722.6	2719.8	2725.4	2743.6	2733.8	2718.4
5°	2701.7	2684.9	2700.3	2724.0	2722.6	2718.4	2715.6	2721.2	2739.4	2729.6	2712.9
7.5°	2693.3	2678.0	2689.1	2712.9	2712.9	2710.1	2707.3	2712.9	2729.6	2721.2	2704.5
10°	2679.4	2668.2	2679.4	2701.7	2703.1	2697.5	2694.7	2701.7	2718.4	2714.2	2700.3
12.5°	2668.2	2657.0	2669.6	2691.9	2693.3	2687.7	2683.5	2691.9	2714.2	2717.0	2712.9
15°	2652.8	2643.1	2658.4	2682.2	2682.2	2678.0	2678.0	2689.1	2719.8	2732.4	2739.4
17.5°	2630.5	2623.5	2641.7	2665.4	2666.8	2664.0	2665.4	2687.7	2728.2	2758.9	2778.4
20°	2602.6	2599.8	2619.4	2644.5	2648.7	2650.1	2657.0	2690.5	2746.3	2788.2	2807.7
22.5°	2569.1	2570.5	2592.8	2619.4	2624.9	2629.1	2643.1	2690.5	2760.3	2805.0	2813.3
25°	2531.4	2535.6	2559.3	2591.4	2598.4	2606.8	2630.5	2691.9	2764.5	2793.8	2779.8
27.5°	2491.0	2499.3	2530.0	2563.5	2571.9	2585.9	2616.6	2683.5	2745.0	2746.3	2694.7
30°	2449.1	2458.9	2495.2	2534.2	2548.2	2562.1	2599.8	2664.0	2697.5	2652.8	2562.1
32.5°	2401.7	2415.6	2451.9	2499.3	2516.1	2534.2	2571.9	2626.3	2613.8	2517.5	2387.7
35°	2341.7	2361.2	2403.1	2458.9	2474.2	2497.9	2524.5	2537.0	2481.2	2344.4	2197.9
37.5°	2267.7	2297.0	2345.8	2410.0	2426.8	2442.1	2449.1	2414.2	2302.6	2154.7	2002.5
40°	2182.6	2227.2	2280.2	2351.4	2368.2	2368.2	2343.0	2269.1	2128.1	1934.2	1765.3
42.5°	2079.3	2133.7	2200.7	2271.9	2288.6	2269.1	2209.1	2079.3	1918.8	1702.5	1523.9
45°	1953.7	2026.3	2101.6	2175.6	2184.0	2140.7	2033.2	1868.6	1670.4	1469.5	1299.2
47.5°	1804.4	1899.3	1981.6	2065.3	2054.2	1981.6	1837.9	1650.9	1441.6	1251.8	1115.0
50°	1636.9	1748.6	1840.7	1920.2	1896.5	1796.0	1627.2	1431.8	1223.9	1062.0	948.9
52.5°	1458.3	1586.7	1678.8	1743.0	1710.9	1590.9	1405.3	1218.3	1048.0	900.1	824.7
55°	1272.7	1402.5	1497.4	1547.6	1505.7	1376.0	1193.2	1022.9	862.4	766.1	721.5
57.5°	1092.7	1214.1	1303.4	1343.9	1290.8	1161.1	992.2	848.5	732.6	651.7	629.4
60°	919.6	1018.7	1103.8	1134.5	1077.3	957.3	812.2	697.8	612.6	556.8	545.6
62.5°	759.2	840.1	907.1	930.8	875.0	781.5	655.9	570.8	510.8	482.8	468.9
65°	626.6	674.0	742.4	738.2	704.7	618.2	526.1	466.1	427.0	408.9	400.5
67.5°	492.6	535.9	579.1	584.7	542.8	482.8	422.8	379.6	358.6	348.9	344.7
70°	381.0	413.1	439.6	432.6	410.3	372.6	334.9	311.2	302.8	298.6	298.6
72.5°	295.8	312.6	325.2	316.8	302.8	283.3	265.1	255.4	256.8	259.6	262.4
75°	228.9	233.0	235.8	227.5	224.7	212.1	210.7	212.1	220.5	228.9	233.0
77.5°	175.8	170.3	166.1	157.7	159.1	157.7	164.7	175.8	188.4	201.0	212.1
80°	135.4	122.8	113.0	104.7	108.8	115.8	129.8	146.5	163.3	177.2	191.2
82.5°	104.7	86.5	72.6	64.2	72.6	83.7	101.9	122.8	142.3	157.7	173.0
85°	80.9	60.0	43.3	34.9	43.3	60.0	79.5	103.3	124.2	140.9	156.3
87.5°	62.8	43.3	23.7	14.0	23.7	41.9	64.2	86.5	107.5	127.0	142.3
90°	50.2	29.3	11.2	2.8	12.6	29.3	50.2	72.6	93.5	114.4	129.8
92.5°	40.5	20.9	5.6	0.0	7.0	22.3	41.9	62.8	83.7	103.3	118.6
95°	33.5	16.7	4.2	0.0	5.6	16.7	33.5	54.4	74.0	93.5	106.1
97.5°	27.9	12.6	2.8	0.0	2.8	14.0	27.9	46.1	65.6	83.7	96.3
100°	23.7	11.2	2.8	0.0	2.8	11.2	23.7	40.5	57.2	74.0	86.5
102.5°	19.5	8.4	1.4	1.4	1.4	8.4	20.9	34.9	50.2	65.6	78.1
105°	18.1	7.0	1.4	1.4	1.4	7.0	18.1	30.7	44.7	58.6	69.8
107.5°	15.4	5.6	1.4	1.4	1.4	5.6	15.4	26.5	40.5	53.0	62.8
110°	12.6	5.6	1.4	1.4	1.4	5.6	12.6	23.7	34.9	46.1	55.8



TEST NUMBER: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	11.2	4.2	1.4	1.4	1.4	4.2	11.2	20.9	30.7	41.9	50.2
115°	9.8	4.2	1.4	1.4	1.4	4.2	9.8	18.1	26.5	36.3	44.7
117.5°	8.4	4.2	1.4	1.4	1.4	2.8	8.4	15.4	23.7	32.1	40.5
120°	7.0	2.8	1.4	1.4	1.4	2.8	7.0	14.0	20.9	27.9	34.9
122.5°	7.0	2.8	1.4	1.4	1.4	2.8	5.6	11.2	18.1	23.7	30.7
125°	5.6	2.8	1.4	1.4	1.4	1.4	5.6	9.8	15.4	20.9	26.5
127.5°	5.6	2.8	1.4	1.4	1.4	1.4	4.2	8.4	12.6	18.1	23.7
130°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	7.0	11.2	15.4	19.5
132.5°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	5.6	8.4	12.6	16.7
135°	4.2	1.4	1.4	1.4	1.4	1.4	1.4	4.2	7.0	9.8	12.6
137.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	2.8	5.6	7.0	11.2
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: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2715.6	2683.5	2700.3	2694.7	2700.3	2714.2	2712.9	2708.7	2711.5	2704.5	2697.5
5°	2710.1	2678.0	2694.7	2687.7	2694.7	2708.7	2705.9	2701.7	2705.9	2697.5	2690.5
7.5°	2703.1	2673.8	2693.3	2691.9	2704.5	2722.6	2724.0	2724.0	2733.8	2721.2	2715.6
10°	2703.1	2687.7	2714.2	2724.0	2756.1	2779.8	2782.6	2788.2	2805.0	2802.2	2788.2
12.5°	2732.4	2729.6	2768.7	2792.4	2821.7	2855.2	2873.3	2878.9	2890.1	2881.7	2876.1
15°	2770.1	2784.0	2827.3	2853.8	2885.9	2911.0	2915.2	2918.0	2926.4	2913.8	2904.0
17.5°	2820.3	2828.7	2863.6	2874.7	2895.7	2899.9	2894.3	2880.3	2880.3	2852.4	2844.0
20°	2844.0	2839.8	2853.8	2835.7	2827.3	2802.2	2778.4	2751.9	2750.5	2721.2	2718.4
22.5°	2823.1	2795.2	2765.9	2721.2	2701.7	2665.4	2633.3	2618.0	2608.2	2570.5	2560.7
25°	2749.1	2680.8	2637.5	2584.5	2537.0	2495.2	2464.5	2432.4	2401.7	2371.0	2357.0
27.5°	2620.8	2556.6	2486.8	2412.8	2347.2	2283.0	2231.4	2199.3	2170.0	2129.5	2108.6
30°	2463.1	2373.7	2297.0	2225.8	2118.4	2040.2	1997.0	1932.8	1910.4	1892.3	1853.2
32.5°	2277.5	2170.0	2065.3	1969.1	1858.8	1786.2	1729.0	1681.6	1667.6	1620.2	1609.0
35°	2072.3	1931.4	1812.8	1717.9	1638.3	1550.4	1503.0	1470.9	1442.9	1410.9	1405.3
37.5°	1830.9	1703.9	1569.9	1486.2	1423.4	1348.1	1311.8	1289.4	1276.9	1253.2	1249.0
40°	1588.1	1461.1	1369.0	1285.3	1246.2	1205.7	1179.2	1169.4	1163.8	1155.5	1147.1
42.5°	1367.6	1256.0	1190.4	1134.5	1117.8	1098.3	1091.3	1096.9	1091.3	1088.5	1087.1
45°	1180.6	1095.5	1049.4	1032.7	1028.5	1022.9	1028.5	1038.3	1039.6	1036.9	1036.9
47.5°	1010.3	969.9	950.3	953.1	960.1	964.3	974.1	986.6	989.4	982.4	985.2
50°	898.7	875.0	870.8	882.0	897.3	902.9	914.1	923.8	922.4	919.6	916.8
52.5°	794.0	787.1	798.2	809.4	826.1	828.9	833.1	837.3	835.9	830.3	827.5
55°	706.1	711.7	721.5	725.7	738.2	736.8	738.2	738.2	732.6	729.8	725.7
57.5°	626.6	628.0	633.6	635.0	641.9	639.1	637.7	635.0	626.6	625.2	621.0
60°	545.6	542.8	555.4	545.6	551.2	545.6	544.2	537.3	528.9	527.5	524.7
62.5°	468.9	463.3	471.7	467.5	470.3	464.7	461.9	453.5	446.6	445.2	443.8
65°	400.5	397.7	406.1	404.7	407.5	400.5	397.7	392.1	386.6	385.2	383.8
67.5°	343.3	350.3	354.5	354.5	357.2	355.9	348.9	347.5	346.1	340.5	340.5
70°	301.4	305.6	314.0	315.4	314.0	316.8	311.2	309.8	308.4	305.6	304.2
72.5°	267.9	273.5	281.9	283.3	281.9	281.9	279.1	277.7	277.7	273.5	273.5
75°	241.4	248.4	255.4	255.4	255.4	252.6	249.8	249.8	247.0	245.6	242.8
77.5°	219.1	227.5	233.0	231.7	230.3	227.5	227.5	223.3	219.1	219.1	216.3
80°	202.3	207.9	212.1	210.7	209.3	205.1	203.7	199.6	196.8	192.6	192.6
82.5°	184.2	191.2	194.0	192.6	189.8	185.6	184.2	181.4	178.6	177.2	174.4
85°	168.9	175.8	177.2	174.4	171.6	168.9	167.5	166.1	164.7	161.9	161.9
87.5°	153.5	160.5	160.5	159.1	156.3	154.9	153.5	152.1	150.7	149.3	147.9
90°	140.9	146.5	146.5	145.1	143.7	142.3	140.9	139.6	138.2	136.8	136.8
92.5°	128.4	134.0	134.0	132.6	131.2	129.8	129.8	128.4	127.0	125.6	124.2
95°	117.2	122.8	122.8	122.8	121.4	120.0	120.0	118.6	117.2	117.2	115.8
97.5°	106.1	111.6	111.6	111.6	110.2	108.8	108.8	107.5	107.5	107.5	106.1
100°	96.3	100.5	101.9	101.9	100.5	100.5	100.5	99.1	99.1	99.1	97.7
102.5°	86.5	90.7	93.5	93.5	93.5	92.1	92.1	92.1	92.1	92.1	90.7
105°	78.1	82.3	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
107.5°	71.2	75.4	78.1	79.5	80.9	80.9	82.3	82.3	82.3	82.3	82.3
110°	64.2	68.4	72.6	74.0	75.4	76.8	76.8	78.1	76.8	76.8	76.8



TEST NUMBER: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	57.2	62.8	65.6	68.4	69.8	71.2	72.6	72.6	72.6	72.6	72.6
115°	51.6	57.2	60.0	62.8	65.6	67.0	67.0	68.4	68.4	68.4	67.0
117.5°	46.1	51.6	54.4	57.2	58.6	61.4	62.8	62.8	62.8	62.8	61.4
120°	41.9	46.1	48.8	51.6	54.4	55.8	57.2	57.2	57.2	57.2	57.2
122.5°	36.3	40.5	44.7	47.4	48.8	50.2	51.6	51.6	51.6	51.6	51.6
125°	32.1	36.3	39.1	41.9	43.3	46.1	46.1	46.1	46.1	46.1	46.1
127.5°	27.9	32.1	34.9	37.7	39.1	40.5	41.9	41.9	41.9	41.9	41.9
130°	23.7	27.9	30.7	33.5	34.9	36.3	36.3	37.7	37.7	37.7	37.7
132.5°	20.9	23.7	26.5	29.3	30.7	32.1	32.1	33.5	33.5	33.5	33.5
135°	16.7	20.9	22.3	25.1	26.5	27.9	27.9	29.3	29.3	29.3	29.3
137.5°	14.0	16.7	19.5	22.3	23.7	23.7	25.1	25.1	26.5	26.5	26.5
140°	11.2	12.6	16.7	18.1	19.5	20.9	22.3	22.3	22.3	22.3	22.3
142.5°	8.4	11.2	12.6	15.4	16.7	18.1	19.5	19.5	19.5	19.5	19.5
145°	7.0	8.4	9.8	12.6	14.0	15.4	16.7	16.7	16.7	16.7	16.7
147.5°	5.6	7.0	8.4	9.8	11.2	12.6	14.0	14.0	14.0	14.0	14.0
150°	4.2	5.6	7.0	7.0	8.4	9.8	11.2	12.6	12.6	12.6	12.6
152.5°	4.2	4.2	5.6	5.6	7.0	8.4	9.8	9.8	9.8	9.8	9.8
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: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2701.7	2707.3	2704.5	2700.3	2698.9	2705.9	2698.9	2666.8	2679.4	2680.8	2690.5
5°	2697.5	2701.7	2698.9	2696.1	2691.9	2700.3	2691.9	2658.4	2671.0	2672.4	2682.2
7.5°	2725.4	2726.8	2726.8	2719.8	2708.7	2712.9	2701.7	2664.0	2671.0	2671.0	2678.0
10°	2795.2	2798.0	2802.2	2784.0	2770.1	2758.9	2743.6	2697.5	2696.1	2684.9	2684.9
12.5°	2885.9	2878.9	2871.9	2863.6	2852.4	2838.4	2816.1	2761.7	2743.6	2725.4	2707.3
15°	2912.4	2909.6	2908.2	2904.0	2897.1	2892.9	2876.1	2821.7	2795.2	2772.9	2740.8
17.5°	2842.6	2848.2	2866.4	2867.8	2876.1	2892.9	2890.1	2852.4	2828.7	2818.9	2779.8
20°	2717.0	2718.4	2740.8	2750.5	2786.8	2814.7	2835.7	2831.5	2825.9	2837.1	2807.7
22.5°	2566.3	2576.1	2599.8	2615.2	2650.1	2682.2	2715.6	2733.8	2763.1	2809.1	2803.6
25°	2361.2	2373.7	2407.2	2432.4	2481.2	2530.0	2574.7	2606.8	2641.7	2729.6	2758.9
27.5°	2115.6	2135.1	2178.4	2203.5	2271.9	2322.1	2386.3	2449.1	2497.9	2598.4	2658.4
30°	1857.4	1874.2	1920.2	1955.1	2013.7	2082.1	2163.0	2252.3	2333.3	2435.1	2510.5
32.5°	1616.0	1634.1	1671.8	1702.5	1768.1	1825.3	1914.6	2024.9	2100.2	2241.2	2341.7
35°	1405.3	1422.0	1448.5	1475.0	1529.5	1588.1	1664.8	1772.3	1868.6	2015.1	2142.1
37.5°	1257.3	1260.1	1275.5	1290.8	1331.3	1376.0	1436.0	1530.9	1620.2	1777.9	1917.4
40°	1151.3	1151.3	1159.7	1163.8	1182.0	1208.5	1246.2	1320.1	1394.1	1514.1	1684.4
42.5°	1085.7	1082.9	1082.9	1084.3	1082.9	1095.5	1117.8	1152.7	1218.3	1317.4	1449.9
45°	1036.9	1031.3	1027.1	1017.3	1011.7	1011.7	1013.1	1025.7	1063.4	1127.6	1235.0
47.5°	982.4	981.0	974.1	962.9	953.1	946.1	935.0	930.8	942.0	978.2	1050.8
50°	919.6	912.7	905.7	897.3	886.1	879.2	858.2	859.6	849.9	866.6	904.3
52.5°	827.5	822.0	819.2	812.2	808.0	805.2	788.5	771.7	767.5	770.3	784.3
55°	725.7	728.5	717.3	722.9	721.5	708.9	701.9	689.4	685.2	683.8	690.8
57.5°	619.6	622.4	615.4	621.0	621.0	614.0	609.8	609.8	600.1	591.7	601.5
60°	523.3	517.7	521.9	528.9	528.9	524.7	521.9	521.9	514.9	512.1	519.1
62.5°	445.2	439.6	443.8	450.7	452.1	449.4	446.6	446.6	438.2	438.2	443.8
65°	385.2	386.6	385.2	390.7	390.7	392.1	389.3	386.6	376.8	381.0	379.6
67.5°	341.9	340.5	340.5	346.1	344.7	347.5	344.7	340.5	333.5	327.9	326.5
70°	305.6	304.2	304.2	307.0	308.4	308.4	307.0	304.2	294.5	288.9	284.7
72.5°	273.5	272.1	273.5	274.9	276.3	277.7	276.3	273.5	265.1	258.2	251.2
75°	244.2	242.8	247.0	247.0	248.4	248.4	249.8	248.4	241.4	233.0	224.7
77.5°	214.9	216.3	220.5	221.9	224.7	226.1	227.5	227.5	220.5	213.5	202.3
80°	191.2	194.0	196.8	198.2	201.0	205.1	206.5	207.9	202.3	195.4	182.8
82.5°	174.4	175.8	178.6	180.0	184.2	185.6	187.0	189.8	187.0	180.0	166.1
85°	160.5	161.9	164.7	164.7	167.5	170.3	171.6	173.0	171.6	164.7	150.7
87.5°	147.9	149.3	150.7	152.1	153.5	154.9	156.3	157.7	156.3	149.3	136.8
90°	136.8	136.8	138.2	138.2	139.6	140.9	143.7	143.7	142.3	136.8	124.2
92.5°	124.2	125.6	125.6	127.0	128.4	129.8	131.2	131.2	129.8	124.2	113.0
95°	115.8	115.8	117.2	117.2	118.6	118.6	120.0	120.0	118.6	113.0	101.9
97.5°	106.1	106.1	106.1	106.1	107.5	107.5	108.8	108.8	107.5	101.9	92.1
100°	97.7	97.7	97.7	97.7	97.7	99.1	99.1	99.1	97.7	92.1	82.3
102.5°	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	87.9	83.7	74.0
105°	86.5	86.5	86.5	85.1	85.1	85.1	83.7	83.7	79.5	75.4	67.0
107.5°	80.9	80.9	80.9	79.5	79.5	78.1	76.8	76.8	72.6	68.4	60.0
110°	76.8	76.8	76.8	75.4	74.0	72.6	71.2	69.8	65.6	60.0	53.0



TEST NUMBER: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	72.6	72.6	71.2	71.2	69.8	68.4	65.6	64.2	60.0	54.4	47.4
115°	67.0	67.0	67.0	65.6	64.2	62.8	61.4	58.6	54.4	48.8	41.9
117.5°	61.4	61.4	61.4	60.0	58.6	57.2	55.8	53.0	48.8	43.3	37.7
120°	55.8	55.8	55.8	54.4	53.0	51.6	50.2	47.4	43.3	39.1	32.1
122.5°	51.6	51.6	50.2	48.8	47.4	46.1	44.7	41.9	39.1	33.5	27.9
125°	46.1	46.1	44.7	44.7	43.3	41.9	40.5	37.7	33.5	29.3	25.1
127.5°	41.9	40.5	40.5	40.5	39.1	37.7	34.9	33.5	29.3	25.1	20.9
130°	36.3	36.3	36.3	34.9	34.9	33.5	30.7	27.9	25.1	22.3	18.1
132.5°	32.1	32.1	32.1	32.1	30.7	29.3	26.5	25.1	22.3	18.1	15.4
135°	29.3	29.3	27.9	27.9	26.5	25.1	23.7	20.9	18.1	15.4	12.6
137.5°	25.1	25.1	25.1	23.7	23.7	22.3	19.5	18.1	16.7	14.0	11.2
140°	22.3	22.3	20.9	20.9	19.5	19.5	18.1	15.4	14.0	11.2	9.8
142.5°	19.5	19.5	18.1	18.1	16.7	16.7	15.4	14.0	11.2	9.8	7.0
145°	16.7	16.7	15.4	15.4	15.4	14.0	12.6	11.2	9.8	8.4	7.0
147.5°	14.0	14.0	14.0	12.6	12.6	11.2	11.2	9.8	8.4	7.0	5.6
150°	12.6	12.6	11.2	11.2	11.2	9.8	8.4	8.4	7.0	5.6	4.2
152.5°	9.8	9.8	9.8	9.8	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: P290201

CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7	2701.7
2.5°	2686.3	2684.9	2697.5	2696.1	2679.4	2704.5	2721.2
5°	2679.4	2678.0	2689.1	2691.9	2673.8	2700.3	2718.4
7.5°	2673.8	2672.4	2684.9	2689.1	2671.0	2694.7	2714.2
10°	2675.2	2668.2	2679.4	2682.2	2665.4	2690.5	2707.3
12.5°	2684.9	2668.2	2672.4	2672.4	2657.0	2679.4	2697.5
15°	2708.7	2673.8	2668.2	2664.0	2644.5	2665.4	2683.5
17.5°	2735.2	2687.7	2668.2	2654.2	2630.5	2648.7	2668.2
20°	2761.7	2703.1	2671.0	2648.7	2616.6	2633.3	2647.3
22.5°	2774.3	2717.0	2673.8	2640.3	2599.8	2608.2	2623.5
25°	2757.5	2711.5	2668.2	2627.7	2578.9	2580.3	2592.8
27.5°	2696.1	2683.5	2655.6	2615.2	2562.1	2555.2	2564.9
30°	2591.4	2626.3	2627.7	2598.4	2542.6	2528.6	2532.8
32.5°	2444.9	2523.1	2569.1	2563.5	2514.7	2495.2	2497.9
35°	2276.1	2373.7	2474.2	2507.7	2472.8	2457.5	2451.9
37.5°	2073.7	2204.9	2338.9	2421.2	2415.6	2405.8	2400.3
40°	1850.4	2008.1	2167.2	2298.4	2338.9	2338.9	2341.7
42.5°	1611.8	1796.0	1970.4	2136.5	2231.4	2252.3	2260.7
45°	1381.5	1567.1	1756.9	1948.1	2075.1	2140.7	2164.4
47.5°	1172.2	1359.2	1539.2	1748.6	1917.4	2002.5	2040.2
50°	993.6	1133.1	1322.9	1530.9	1715.1	1819.7	1893.7
52.5°	845.7	954.5	1120.6	1314.6	1500.2	1643.9	1712.3
55°	721.5	795.4	936.4	1103.8	1281.1	1430.4	1509.9
57.5°	616.8	675.4	771.7	911.3	1060.6	1208.5	1293.6
60°	524.7	565.2	630.8	741.0	868.0	995.0	1077.3
62.5°	445.2	471.7	514.9	595.9	695.0	794.0	870.8
65°	383.8	394.9	418.7	468.9	544.2	619.6	685.2
67.5°	323.8	330.7	348.9	379.6	417.3	471.7	514.9
70°	279.1	279.1	280.5	298.6	318.2	353.1	383.8
72.5°	242.8	238.6	230.3	234.4	238.6	258.2	277.7
75°	213.5	203.7	189.8	184.2	181.4	184.2	195.4
77.5°	188.4	174.4	157.7	143.7	132.6	128.4	138.2
80°	167.5	150.7	131.2	113.0	94.9	85.1	89.3
82.5°	150.7	129.8	108.8	87.9	67.0	53.0	53.0
85°	132.6	113.0	90.7	68.4	47.4	29.3	26.5
87.5°	120.0	99.1	75.4	54.4	33.5	15.4	8.4
90°	107.5	86.5	64.2	43.3	23.7	7.0	0.0
92.5°	96.3	76.8	55.8	34.9	16.7	4.2	0.0
95°	86.5	68.4	47.4	29.3	14.0	2.8	1.4
97.5°	76.8	60.0	41.9	23.7	9.8	2.8	1.4
100°	69.8	53.0	36.3	19.5	8.4	1.4	1.4
102.5°	61.4	47.4	30.7	16.7	7.0	1.4	1.4
105°	54.4	41.9	26.5	14.0	5.6	1.4	1.4
107.5°	48.8	36.3	23.7	12.6	5.6	1.4	1.4
110°	43.3	32.1	20.9	11.2	4.2	1.4	1.4



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CATALOG NUMBER: 4SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	39.1	27.9	18.1	9.8	2.8	1.4	1.4
115°	33.5	25.1	15.4	8.4	2.8	1.4	1.4
117.5°	29.3	20.9	14.0	7.0	2.8	1.4	1.4
120°	25.1	18.1	11.2	5.6	1.4	1.4	1.4
122.5°	22.3	15.4	9.8	5.6	1.4	1.4	1.4
125°	19.5	14.0	8.4	4.2	1.4	1.4	1.4
127.5°	16.7	11.2	7.0	2.8	1.4	1.4	1.4
130°	14.0	9.8	5.6	2.8	1.4	1.4	1.4
132.5°	11.2	8.4	5.6	2.8	1.4	1.4	1.4
135°	9.8	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)