

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: P290233

Luminaire Tested: **8SSRK-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: P290233
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-L835-CD1-U
Description: 6000 LUMEN, 8 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: 6387.7 lumens
Efficiency: N/A
Efficacy: 154.4 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

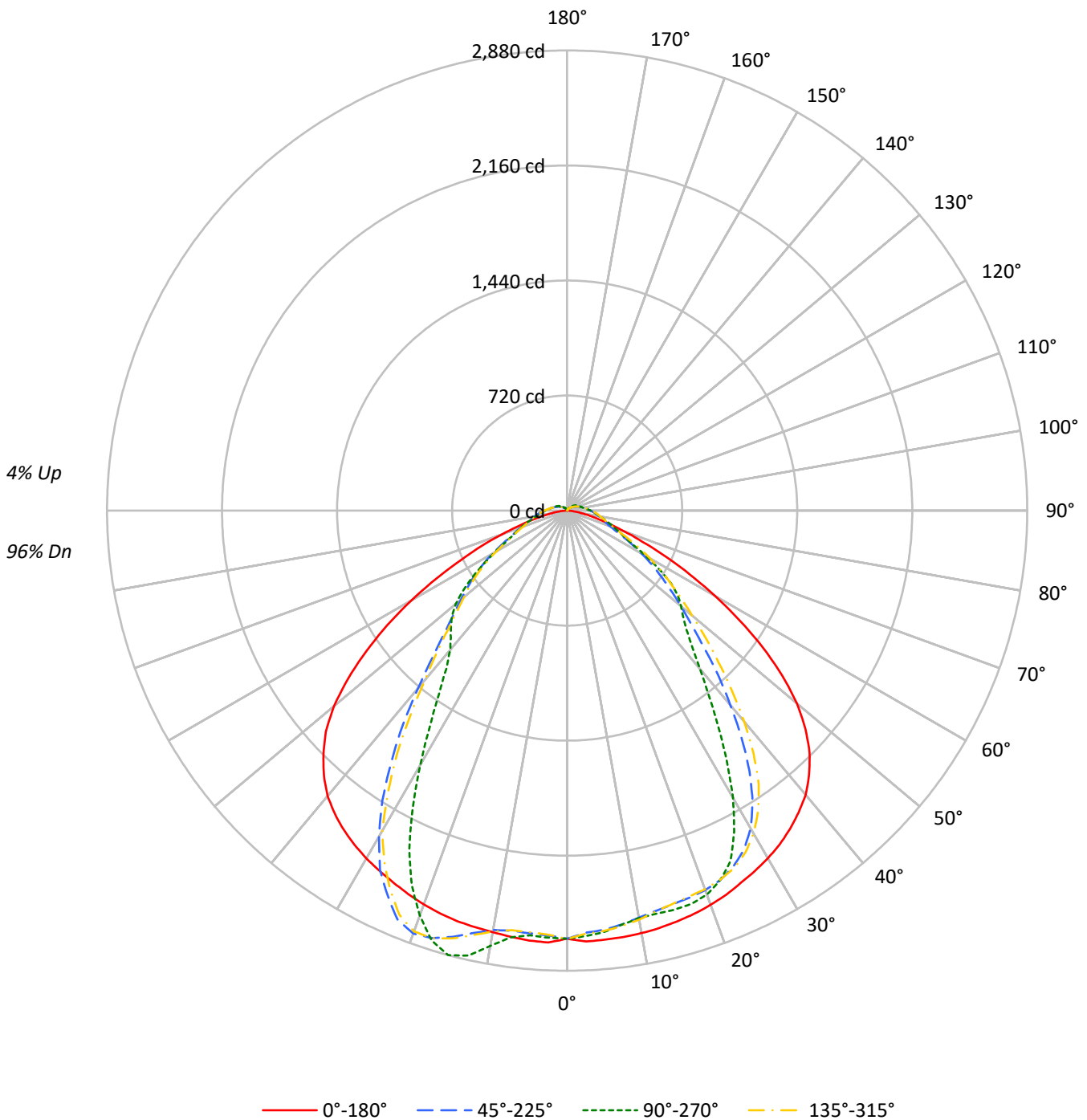
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96				
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82				
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71				
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61				
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54				
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47				
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42				
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38				
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34				
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31				
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	86522	86522	86522	86522
5°	87235	63574	87413	64073
10°	87718	49791	87535	53171
15°	88482	41739	88435	46474
20°	89543	35789	89448	37725
25°	90740	30085	90691	29069
30°	92552	23375	92603	20709
35°	94481	17082	94749	14455
40°	96215	12495	96617	11009
45°	96028	9645	96525	9392
50°	92064	8102	93353	7921
55°	81871	6640	83916	6036
60°	66604	4622	70138	4239
65°	49706	3202	53546	3036
70°	33988	2485	38311	2376
75°	22435	1995	26116	1886
80°	14735	1630	17263	1500
85°	7870	1394	10354	1273



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.5	4.0
10°-20°	757.3	11.9
20°-30°	1151.3	18.0
30°-40°	1235.0	19.3
40°-50°	1071.9	16.8
50°-60°	794.4	12.4
60°-70°	455.1	7.1
70°-80°	252.0	3.9
80°-90°	153.5	2.4
90°-100°	99.8	1.6
100°-110°	66.8	1.0
110°-120°	45.1	0.7
120°-130°	27.7	0.4
130°-140°	14.6	0.2
140°-150°	6.6	0.1
150°-160°	2.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2163.1	33.9
0°-40°	3398.1	53.2
0°-60°	5264.3	82.4
0°-90°	6125.0	95.9
90°-120°	211.8	3.3
90°-150°	260.7	4.1
90°-180°	263.0	4.1
0°-180°	6387.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2679	2679	2679	2679	2679	
5°	2696	2648	2702	2668	2696	257
15°	2662	2587	2660	2880	2662	753
25°	2572	2419	2570	2338	2572	1189
35°	2432	1647	2439	1394	2432	1522
45°	2147	1056	2158	1028	2147	1643
55°	1498	792	1535	720	1498	1328
65°	680	401	732	381	680	685
75°	194	255	226	241	194	221
85°	26	176	35	160	26	35
90°	0	147	3	136	0	1
95°	1	120	0	115	1	1
105°	1	90	1	86	1	1
115°	1	73	1	66	1	1
125°	1	55	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°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2698.8	2691.9	2689.1	2683.6	2687.8	2704.4	2693.3	2675.3	2676.7	2644.8	2661.5
5°	2696.1	2687.8	2683.6	2678.1	2680.8	2696.1	2685.0	2667.0	2665.6	2633.8	2649.0
7.5°	2691.9	2683.6	2676.7	2672.5	2673.9	2686.4	2672.5	2651.8	2647.6	2613.0	2626.9
10°	2685.0	2679.4	2669.8	2662.8	2661.5	2675.3	2653.2	2632.4	2622.7	2586.7	2600.6
12.5°	2675.3	2667.0	2657.3	2644.8	2643.5	2651.8	2633.8	2604.7	2595.0	2566.0	2581.2
15°	2661.5	2651.8	2640.7	2626.9	2619.9	2625.5	2603.3	2577.0	2575.6	2550.7	2571.5
17.5°	2646.2	2632.4	2619.9	2600.6	2590.9	2595.0	2577.0	2553.5	2556.3	2541.0	2564.6
20°	2625.5	2610.2	2590.9	2571.5	2557.7	2564.6	2552.1	2534.1	2538.3	2527.2	2548.0
22.5°	2601.9	2581.2	2557.7	2535.5	2524.4	2534.1	2524.4	2509.2	2510.6	2503.7	2516.1
25°	2571.5	2548.0	2520.3	2492.6	2487.1	2494.0	2488.5	2476.0	2470.5	2459.4	2464.9
27.5°	2543.8	2517.5	2482.9	2453.9	2444.2	2458.0	2445.5	2424.8	2409.6	2394.3	2383.3
30°	2512.0	2480.2	2441.4	2408.2	2399.9	2405.4	2387.4	2355.6	2315.5	2296.1	2265.6
32.5°	2477.4	2435.9	2387.4	2350.1	2344.5	2340.4	2307.1	2261.5	2199.2	2160.4	2113.4
35°	2431.7	2386.0	2327.9	2282.2	2273.9	2250.4	2196.4	2135.5	2055.3	1988.8	1908.6
37.5°	2380.5	2326.5	2265.6	2204.7	2181.2	2134.1	2058.0	1994.4	1872.6	1792.3	1695.4
40°	2322.4	2257.3	2182.6	2109.2	2070.5	1994.4	1907.2	1813.1	1695.4	1587.5	1505.8
42.5°	2242.1	2172.9	2084.3	2002.7	1936.2	1835.2	1732.8	1599.9	1492.0	1400.6	1317.6
45°	2146.6	2063.6	1961.1	1862.9	1778.5	1658.0	1537.6	1404.8	1314.8	1208.2	1151.5
47.5°	2023.4	1933.5	1824.1	1714.8	1604.1	1471.2	1345.3	1217.9	1128.0	1051.8	1010.3
50°	1878.1	1795.1	1674.7	1544.6	1422.8	1284.4	1158.4	1062.9	975.7	928.7	896.8
52.5°	1698.2	1620.7	1497.5	1356.3	1238.7	1103.1	988.2	910.7	848.4	813.8	802.7
55°	1497.5	1429.7	1307.9	1176.4	1056.0	931.4	844.2	776.4	736.3	715.5	716.9
57.5°	1283.0	1230.4	1115.5	997.9	884.4	790.3	711.4	657.4	627.0	625.6	629.7
60°	1068.5	1029.7	930.1	829.0	729.4	653.3	595.1	557.8	538.4	539.8	538.4
62.5°	863.6	827.6	755.7	672.6	593.7	542.5	489.9	474.7	458.1	456.7	456.7
65°	679.6	651.9	593.7	534.2	474.7	441.5	415.2	397.2	384.8	382.0	383.4
67.5°	510.7	499.6	459.5	419.4	382.0	361.2	339.1	334.9	325.2	325.2	328.0
70°	380.6	372.3	350.2	326.6	311.4	297.6	286.5	286.5	285.1	283.7	290.6
72.5°	275.4	276.8	269.9	251.9	250.5	247.7	245.0	249.1	250.5	254.7	263.0
75°	193.8	197.9	197.9	195.1	200.7	207.6	211.8	218.7	227.0	232.5	242.2
77.5°	137.0	137.0	143.9	152.2	163.3	175.8	186.8	196.5	207.6	214.5	222.8
80°	88.6	92.7	103.8	119.0	134.2	150.9	166.1	178.5	189.6	200.7	206.2
82.5°	52.6	59.5	73.4	92.7	112.1	132.9	148.1	163.3	175.8	186.8	191.0
85°	26.3	36.0	52.6	73.4	94.1	116.3	135.6	149.5	163.3	173.0	178.5
87.5°	8.3	19.4	37.4	56.7	78.9	101.0	121.8	137.0	149.5	157.8	163.3
90°	0.0	9.7	26.3	47.1	67.8	90.0	109.3	125.9	138.4	145.3	149.5
92.5°	0.0	5.5	20.8	38.8	58.1	80.3	99.6	114.9	125.9	132.9	135.6
95°	1.4	4.2	15.2	31.8	51.2	72.0	90.0	103.8	114.9	121.8	123.2
97.5°	1.4	2.8	12.5	26.3	44.3	63.7	81.7	95.5	103.8	110.7	112.1
100°	1.4	2.8	9.7	23.5	38.8	56.7	73.4	85.8	95.5	101.0	102.4
102.5°	1.4	1.4	8.3	19.4	34.6	49.8	65.0	77.5	85.8	91.3	94.1
105°	1.4	1.4	6.9	16.6	30.4	44.3	58.1	70.6	77.5	83.0	85.8
107.5°	1.4	1.4	5.5	13.8	26.3	38.8	52.6	62.3	70.6	76.1	78.9
110°	1.4	1.4	4.2	12.5	22.1	34.6	45.7	55.4	63.7	69.2	72.0



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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	11.1	19.4	30.4	40.1	49.8	56.7	62.3	66.4
115°	1.4	1.4	4.2	9.7	18.0	26.3	36.0	44.3	51.2	56.7	60.9
117.5°	1.4	1.4	4.2	8.3	15.2	23.5	31.8	40.1	45.7	51.2	55.4
120°	1.4	1.4	2.8	6.9	13.8	20.8	27.7	34.6	41.5	47.1	51.2
122.5°	1.4	1.4	2.8	6.9	11.1	18.0	24.9	30.4	37.4	41.5	45.7
125°	1.4	1.4	2.8	5.5	9.7	16.6	22.1	27.7	31.8	37.4	41.5
127.5°	1.4	1.4	2.8	5.5	8.3	13.8	19.4	24.9	29.1	33.2	36.0
130°	1.4	1.4	2.8	4.2	6.9	11.1	16.6	20.8	26.3	29.1	31.8
132.5°	1.4	1.4	1.4	4.2	5.5	8.3	12.5	18.0	22.1	26.3	27.7
135°	1.4	1.4	1.4	2.8	5.5	6.9	9.7	13.8	18.0	22.1	24.9
137.5°	1.4	1.4	1.4	2.8	4.2	6.9	8.3	11.1	15.2	18.0	22.1
140°	1.4	1.4	1.4	2.8	4.2	5.5	6.9	9.7	12.5	15.2	18.0
142.5°	1.4	1.4	1.4	2.8	2.8	4.2	5.5	8.3	9.7	12.5	15.2
145°	1.4	1.4	1.4	2.8	2.8	4.2	5.5	6.9	8.3	9.7	12.5
147.5°	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.5	6.9	8.3	9.7
150°	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	5.5	6.9	8.3
152.5°	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	4.2	5.5	6.9
155°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	5.5	5.5
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°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2655.9	2658.7	2675.3	2673.9	2671.1	2668.4	2668.4	2665.6	2668.4	2675.3	2672.5
5°	2642.1	2646.2	2658.7	2657.3	2654.5	2653.2	2651.8	2647.6	2650.4	2660.1	2657.3
7.5°	2617.2	2621.3	2632.4	2626.9	2622.7	2625.5	2618.6	2614.4	2619.9	2629.6	2628.2
10°	2590.9	2593.6	2607.5	2604.7	2597.8	2599.2	2592.3	2589.5	2596.4	2601.9	2603.3
12.5°	2572.9	2582.6	2595.0	2593.6	2592.3	2593.6	2586.7	2584.0	2588.1	2593.6	2592.3
15°	2568.7	2581.2	2595.0	2595.0	2596.4	2597.8	2590.9	2586.7	2590.9	2595.0	2593.6
17.5°	2564.6	2579.8	2592.3	2590.9	2592.3	2595.0	2584.0	2581.2	2586.7	2592.3	2589.5
20°	2550.7	2564.6	2572.9	2570.1	2570.1	2571.5	2557.7	2557.7	2566.0	2570.1	2571.5
22.5°	2512.0	2528.6	2528.6	2521.7	2521.7	2516.1	2512.0	2503.7	2513.4	2520.3	2525.8
25°	2453.9	2460.8	2452.5	2437.2	2428.9	2422.0	2402.6	2419.3	2419.3	2440.0	2446.9
27.5°	2372.2	2357.0	2333.4	2301.6	2294.7	2272.5	2260.1	2264.2	2271.2	2300.2	2322.4
30°	2237.9	2192.3	2152.1	2138.3	2107.9	2085.7	2063.6	2074.6	2087.1	2103.7	2149.4
32.5°	2060.8	2016.5	1951.5	1927.9	1896.1	1868.4	1842.1	1858.7	1880.9	1891.9	1941.8
35°	1857.3	1804.8	1745.2	1705.1	1671.9	1656.7	1623.4	1647.0	1670.5	1678.8	1721.7
37.5°	1641.4	1587.5	1534.9	1500.3	1468.4	1458.7	1436.6	1453.2	1471.2	1483.7	1519.6
40°	1436.6	1386.8	1346.6	1323.1	1301.0	1292.7	1284.4	1291.3	1305.1	1314.8	1342.5
42.5°	1260.8	1220.7	1193.0	1179.2	1164.0	1152.9	1154.3	1157.0	1164.0	1184.7	1197.2
45°	1107.2	1083.7	1065.7	1062.9	1053.2	1051.8	1050.5	1056.0	1060.2	1072.6	1082.3
47.5°	984.0	974.3	970.2	975.7	979.9	974.3	977.1	984.0	992.3	992.3	991.0
50°	887.2	889.9	895.5	907.9	916.2	919.0	921.8	930.1	931.4	934.2	930.1
52.5°	808.3	811.0	826.3	845.6	855.3	859.5	865.0	873.3	873.3	876.1	870.5
55°	728.0	732.1	747.4	766.7	775.0	780.6	786.1	791.7	795.8	801.3	797.2
57.5°	639.4	651.9	661.6	667.1	672.6	676.8	680.9	682.3	690.6	692.0	698.9
60°	545.3	548.1	557.8	556.4	552.2	563.3	557.8	567.4	577.1	589.6	591.0
62.5°	455.3	456.7	463.6	460.9	466.4	465.0	469.2	469.2	476.1	481.6	488.6
65°	384.8	386.1	391.7	391.7	390.3	394.4	398.6	401.4	401.4	405.5	411.1
67.5°	332.2	336.3	341.9	344.6	347.4	347.4	351.5	352.9	355.7	357.1	359.8
70°	296.2	301.7	307.3	310.0	311.4	314.2	315.6	315.6	318.3	319.7	322.5
72.5°	269.9	275.4	279.6	279.6	282.3	283.7	283.7	285.1	286.5	289.3	292.0
75°	247.7	251.9	254.7	253.3	253.3	253.3	254.7	254.7	257.4	260.2	263.0
77.5°	227.0	231.1	231.1	228.4	228.4	228.4	228.4	229.7	231.1	233.9	236.7
80°	211.8	211.8	210.4	210.4	207.6	206.2	206.2	207.6	207.6	210.4	214.5
82.5°	195.1	195.1	193.8	192.4	191.0	189.6	189.6	191.0	192.4	193.8	196.5
85°	179.9	179.9	177.2	177.2	175.8	175.8	175.8	175.8	177.2	178.5	181.3
87.5°	164.7	163.3	161.9	160.5	160.5	160.5	160.5	160.5	161.9	164.7	166.1
90°	149.5	148.1	146.7	146.7	145.3	145.3	146.7	146.7	148.1	149.5	150.9
92.5°	135.6	134.2	132.9	132.9	131.5	131.5	132.9	131.5	134.2	134.2	135.6
95°	123.2	121.8	120.4	120.4	120.4	120.4	120.4	120.4	121.8	121.8	123.2
97.5°	112.1	110.7	109.3	109.3	110.7	109.3	110.7	110.7	110.7	112.1	113.5
100°	102.4	101.0	101.0	102.4	101.0	101.0	102.4	102.4	102.4	102.4	103.8
102.5°	94.1	94.1	94.1	94.1	94.1	94.1	95.5	95.5	95.5	95.5	96.9
105°	85.8	87.2	87.2	87.2	88.6	88.6	88.6	90.0	90.0	90.0	90.0
107.5°	80.3	81.7	81.7	83.0	83.0	84.4	84.4	84.4	84.4	85.8	85.8
110°	74.7	76.1	77.5	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	69.2	70.6	72.0	74.7	76.1	76.1	76.1	76.1	77.5	77.5	76.1
115°	63.7	66.4	67.8	70.6	72.0	72.0	73.4	73.4	73.4	73.4	72.0
117.5°	58.1	62.3	63.7	66.4	67.8	67.8	69.2	69.2	69.2	69.2	67.8
120°	54.0	56.7	59.5	60.9	62.3	63.7	63.7	65.0	65.0	65.0	63.7
122.5°	49.8	52.6	55.4	56.7	58.1	59.5	59.5	59.5	59.5	59.5	59.5
125°	44.3	47.1	49.8	51.2	52.6	54.0	54.0	55.4	55.4	55.4	54.0
127.5°	40.1	42.9	44.3	47.1	48.4	48.4	49.8	49.8	49.8	49.8	48.4
130°	34.6	37.4	40.1	41.5	42.9	42.9	44.3	44.3	44.3	44.3	44.3
132.5°	30.4	33.2	34.6	37.4	37.4	38.8	38.8	40.1	40.1	40.1	38.8
135°	27.7	29.1	30.4	33.2	33.2	34.6	34.6	34.6	34.6	34.6	34.6
137.5°	24.9	26.3	27.7	29.1	29.1	30.4	30.4	30.4	30.4	31.8	30.4
140°	20.8	23.5	24.9	24.9	26.3	26.3	26.3	27.7	27.7	27.7	26.3
142.5°	18.0	19.4	20.8	22.1	23.5	23.5	23.5	23.5	24.9	23.5	23.5
145°	13.8	16.6	18.0	19.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8
147.5°	11.1	12.5	15.2	16.6	16.6	18.0	18.0	18.0	18.0	18.0	18.0
150°	9.7	9.7	12.5	13.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2
152.5°	6.9	8.3	9.7	11.1	12.5	12.5	12.5	12.5	12.5	12.5	12.5
155°	6.9	6.9	8.3	8.3	9.7	9.7	9.7	9.7	11.1	9.7	9.7
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: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2668.4	2667.0	2672.5	2667.0	2639.3	2650.4	2646.2	2661.5	2662.8	2667.0	2680.8
5°	2654.5	2654.5	2661.5	2655.9	2629.6	2640.7	2639.3	2654.5	2657.3	2660.1	2675.3
7.5°	2626.9	2628.2	2637.9	2633.8	2606.1	2622.7	2621.3	2639.3	2644.8	2650.4	2664.2
10°	2600.6	2599.2	2610.2	2606.1	2579.8	2599.2	2597.8	2615.8	2624.1	2633.8	2650.4
12.5°	2586.7	2582.6	2586.7	2582.6	2553.5	2568.7	2570.1	2590.9	2600.6	2613.0	2632.4
15°	2586.7	2579.8	2579.8	2571.5	2538.3	2548.0	2549.4	2563.2	2575.6	2588.1	2611.6
17.5°	2584.0	2577.0	2575.6	2568.7	2532.7	2532.7	2531.4	2541.0	2548.0	2560.4	2585.3
20°	2568.7	2566.0	2564.6	2560.4	2527.2	2521.7	2518.9	2518.9	2523.1	2527.2	2552.1
22.5°	2528.6	2531.4	2534.1	2536.9	2510.6	2500.9	2502.3	2499.5	2495.4	2495.4	2516.1
25°	2453.9	2467.7	2478.8	2491.2	2476.0	2469.1	2477.4	2473.2	2466.3	2460.8	2478.8
27.5°	2334.8	2363.9	2387.4	2417.9	2419.3	2413.7	2435.9	2433.1	2431.7	2423.4	2437.2
30°	2170.1	2215.8	2247.6	2291.9	2329.3	2334.8	2372.2	2377.7	2383.3	2379.1	2393.0
32.5°	1970.8	2033.1	2087.1	2156.3	2192.3	2224.1	2276.7	2298.8	2321.0	2327.9	2343.1
35°	1753.5	1824.1	1887.8	1963.9	2020.7	2089.9	2153.5	2186.7	2236.6	2255.9	2278.1
37.5°	1547.3	1613.8	1676.0	1752.2	1843.5	1915.5	1994.4	2069.1	2136.9	2164.6	2197.8
40°	1364.6	1418.6	1478.1	1544.6	1627.6	1721.7	1807.5	1911.3	1991.6	2047.0	2095.4
42.5°	1226.2	1252.5	1303.7	1363.3	1429.7	1525.2	1612.4	1728.6	1825.5	1904.4	1984.7
45°	1103.1	1115.5	1152.9	1184.7	1252.5	1337.0	1429.7	1543.2	1644.2	1745.2	1842.1
47.5°	997.9	1013.1	1031.1	1050.5	1098.9	1169.5	1249.8	1352.2	1453.2	1570.9	1681.6
50°	927.3	931.4	934.2	942.5	971.6	1020.0	1085.1	1172.3	1269.1	1395.1	1512.7
52.5°	865.0	865.0	856.7	852.6	863.6	894.1	931.4	993.7	1093.4	1209.6	1334.2
55°	798.6	786.1	783.4	769.5	772.3	786.1	804.1	852.6	934.2	1033.9	1154.3
57.5°	705.8	700.3	700.3	694.8	683.7	690.6	694.8	729.4	787.5	873.3	978.5
60°	599.3	596.5	603.4	604.8	595.1	599.3	597.9	618.7	660.2	729.4	816.6
62.5°	492.7	505.2	506.5	512.1	506.5	505.2	512.1	530.1	550.8	603.4	671.2
65°	413.8	420.7	422.1	429.0	426.3	426.3	431.8	445.7	458.1	494.1	546.7
67.5°	362.6	359.8	361.2	365.4	361.2	359.8	364.0	372.3	382.0	404.1	441.5
70°	322.5	319.7	319.7	319.7	314.2	310.0	311.4	314.2	318.3	330.8	354.3
72.5°	292.0	292.0	287.9	283.7	279.6	276.8	274.0	271.3	269.9	274.0	286.5
75°	264.3	265.7	264.3	260.2	254.7	249.1	243.6	238.1	231.1	228.4	229.7
77.5°	239.4	240.8	242.2	240.8	235.3	228.4	220.1	211.8	202.1	192.4	186.8
80°	217.3	220.1	221.4	220.1	215.9	210.4	200.7	191.0	177.2	164.7	150.9
82.5°	197.9	202.1	203.4	203.4	200.7	195.1	184.1	173.0	157.8	141.2	123.2
85°	182.7	185.5	188.2	188.2	186.8	181.3	170.2	157.8	142.6	123.2	103.8
87.5°	167.5	168.8	171.6	174.4	171.6	166.1	156.4	142.6	127.3	108.0	85.8
90°	152.2	153.6	156.4	159.2	157.8	152.2	143.9	131.5	114.9	94.1	72.0
92.5°	137.0	139.8	141.2	142.6	143.9	139.8	132.9	120.4	103.8	83.0	62.3
95°	125.9	125.9	128.7	130.1	131.5	127.3	121.8	109.3	94.1	74.7	54.0
97.5°	114.9	114.9	117.6	117.6	119.0	116.3	110.7	99.6	84.4	66.4	45.7
100°	103.8	105.2	106.6	108.0	108.0	106.6	101.0	90.0	76.1	59.5	40.1
102.5°	96.9	96.9	98.3	98.3	99.6	96.9	91.3	81.7	67.8	52.6	34.6
105°	90.0	90.0	91.3	91.3	90.0	87.2	81.7	73.4	60.9	45.7	30.4
107.5°	84.4	84.4	84.4	84.4	83.0	80.3	74.7	65.0	54.0	41.5	27.7
110°	80.3	78.9	78.9	77.5	76.1	72.0	66.4	58.1	48.4	36.0	23.5



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	76.1	74.7	73.4	72.0	69.2	65.0	59.5	52.6	42.9	31.8	20.8
115°	72.0	70.6	69.2	66.4	63.7	59.5	54.0	47.1	37.4	27.7	18.0
117.5°	67.8	66.4	63.7	60.9	58.1	54.0	48.4	41.5	33.2	24.9	16.6
120°	62.3	60.9	59.5	56.7	54.0	48.4	42.9	37.4	29.1	22.1	13.8
122.5°	58.1	56.7	54.0	52.6	48.4	44.3	38.8	33.2	26.3	19.4	12.5
125°	52.6	51.2	49.8	47.1	44.3	38.8	34.6	29.1	23.5	16.6	9.7
127.5°	48.4	47.1	44.3	41.5	38.8	34.6	30.4	26.3	20.8	13.8	9.7
130°	42.9	41.5	40.1	37.4	34.6	30.4	27.7	22.1	18.0	12.5	8.3
132.5°	37.4	37.4	36.0	33.2	30.4	27.7	23.5	19.4	15.2	11.1	6.9
135°	34.6	33.2	31.8	29.1	27.7	23.5	20.8	16.6	12.5	9.7	5.5
137.5°	30.4	29.1	27.7	26.3	23.5	20.8	18.0	13.8	11.1	8.3	5.5
140°	26.3	24.9	24.9	22.1	20.8	18.0	15.2	12.5	9.7	6.9	4.2
142.5°	23.5	22.1	20.8	19.4	18.0	15.2	12.5	9.7	8.3	5.5	4.2
145°	20.8	19.4	18.0	16.6	15.2	12.5	11.1	8.3	6.9	5.5	4.2
147.5°	16.6	16.6	15.2	13.8	12.5	11.1	9.7	8.3	5.5	4.2	2.8
150°	13.8	13.8	12.5	11.1	11.1	9.7	8.3	6.9	5.5	4.2	2.8
152.5°	12.5	11.1	11.1	9.7	9.7	8.3	6.9	5.5	4.2	4.2	2.8
155°	9.7	9.7	9.7	8.3	8.3	6.9	5.5	5.5	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: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2683.6	2667.0	2680.8	2705.7	2703.0	2700.2	2697.4	2703.0	2721.0	2711.3	2696.1
5°	2679.4	2662.8	2678.1	2701.6	2700.2	2696.1	2693.3	2698.8	2716.8	2707.1	2690.5
7.5°	2671.1	2655.9	2667.0	2690.5	2690.5	2687.8	2685.0	2690.5	2707.1	2698.8	2682.2
10°	2657.3	2646.2	2657.3	2679.4	2680.8	2675.3	2672.5	2679.4	2696.1	2691.9	2678.1
12.5°	2646.2	2635.2	2647.6	2669.8	2671.1	2665.6	2661.5	2669.8	2691.9	2694.7	2690.5
15°	2631.0	2621.3	2636.5	2660.1	2660.1	2655.9	2655.9	2667.0	2697.4	2709.9	2716.8
17.5°	2608.9	2601.9	2619.9	2643.5	2644.8	2642.1	2643.5	2665.6	2705.7	2736.2	2755.6
20°	2581.2	2578.4	2597.8	2622.7	2626.9	2628.2	2635.2	2668.4	2723.7	2765.3	2784.6
22.5°	2548.0	2549.4	2571.5	2597.8	2603.3	2607.5	2621.3	2668.4	2737.6	2781.9	2790.2
25°	2510.6	2514.8	2538.3	2570.1	2577.0	2585.3	2608.9	2669.8	2741.7	2770.8	2757.0
27.5°	2470.5	2478.8	2509.2	2542.4	2550.7	2564.6	2595.0	2661.5	2722.4	2723.7	2672.5
30°	2428.9	2438.6	2474.6	2513.4	2527.2	2541.0	2578.4	2642.1	2675.3	2631.0	2541.0
32.5°	2381.9	2395.7	2431.7	2478.8	2495.4	2513.4	2550.7	2604.7	2592.3	2496.8	2368.0
35°	2322.4	2341.7	2383.3	2438.6	2453.9	2477.4	2503.7	2516.1	2460.8	2325.1	2179.8
37.5°	2249.0	2278.1	2326.5	2390.2	2406.8	2422.0	2428.9	2394.3	2283.6	2136.9	1986.1
40°	2164.6	2208.9	2261.5	2332.1	2348.7	2348.7	2323.8	2250.4	2110.6	1918.2	1750.8
42.5°	2062.2	2116.2	2182.6	2253.2	2269.8	2250.4	2190.9	2062.2	1903.0	1688.5	1511.3
45°	1937.6	2009.6	2084.3	2157.7	2166.0	2123.1	2016.5	1853.2	1656.7	1457.4	1288.5
47.5°	1789.5	1883.6	1965.3	2048.3	2037.3	1965.3	1822.7	1637.3	1429.7	1241.5	1105.8
50°	1623.4	1734.2	1825.5	1904.4	1880.9	1781.2	1613.8	1420.0	1213.8	1053.2	941.1
52.5°	1446.3	1573.6	1665.0	1728.6	1696.8	1577.8	1393.7	1208.2	1039.4	892.7	818.0
55°	1262.2	1390.9	1485.0	1534.9	1493.3	1364.6	1183.3	1014.5	855.3	759.8	715.5
57.5°	1083.7	1204.1	1292.7	1332.8	1280.2	1151.5	984.0	841.5	726.6	646.3	624.2
60°	912.1	1010.3	1094.8	1125.2	1068.5	949.4	805.5	692.0	607.6	552.2	541.1
62.5°	752.9	833.2	899.6	923.1	867.8	775.0	650.5	566.1	506.5	478.9	465.0
65°	621.4	668.5	736.3	732.1	698.9	613.1	521.8	462.3	423.5	405.5	397.2
67.5°	488.6	531.5	574.4	579.9	538.4	478.9	419.4	376.5	355.7	346.0	341.9
70°	377.8	409.7	436.0	429.0	406.9	369.5	332.2	308.6	300.3	296.2	296.2
72.5°	293.4	310.0	322.5	314.2	300.3	281.0	263.0	253.3	254.7	257.4	260.2
75°	227.0	231.1	233.9	225.6	222.8	210.4	209.0	210.4	218.7	227.0	231.1
77.5°	174.4	168.8	164.7	156.4	157.8	156.4	163.3	174.4	186.8	199.3	210.4
80°	134.2	121.8	112.1	103.8	108.0	114.9	128.7	145.3	161.9	175.8	189.6
82.5°	103.8	85.8	72.0	63.7	72.0	83.0	101.0	121.8	141.2	156.4	171.6
85°	80.3	59.5	42.9	34.6	42.9	59.5	78.9	102.4	123.2	139.8	155.0
87.5°	62.3	42.9	23.5	13.8	23.5	41.5	63.7	85.8	106.6	125.9	141.2
90°	49.8	29.1	11.1	2.8	12.5	29.1	49.8	72.0	92.7	113.5	128.7
92.5°	40.1	20.8	5.5	0.0	6.9	22.1	41.5	62.3	83.0	102.4	117.6
95°	33.2	16.6	4.2	0.0	5.5	16.6	33.2	54.0	73.4	92.7	105.2
97.5°	27.7	12.5	2.8	0.0	2.8	13.8	27.7	45.7	65.0	83.0	95.5
100°	23.5	11.1	2.8	0.0	2.8	11.1	23.5	40.1	56.7	73.4	85.8
102.5°	19.4	8.3	1.4	1.4	1.4	8.3	20.8	34.6	49.8	65.0	77.5
105°	18.0	6.9	1.4	1.4	1.4	6.9	18.0	30.4	44.3	58.1	69.2
107.5°	15.2	5.5	1.4	1.4	1.4	5.5	15.2	26.3	40.1	52.6	62.3
110°	12.5	5.5	1.4	1.4	1.4	5.5	12.5	23.5	34.6	45.7	55.4



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	11.1	4.2	1.4	1.4	1.4	4.2	11.1	20.8	30.4	41.5	49.8
115°	9.7	4.2	1.4	1.4	1.4	4.2	9.7	18.0	26.3	36.0	44.3
117.5°	8.3	4.2	1.4	1.4	1.4	2.8	8.3	15.2	23.5	31.8	40.1
120°	6.9	2.8	1.4	1.4	1.4	2.8	6.9	13.8	20.8	27.7	34.6
122.5°	6.9	2.8	1.4	1.4	1.4	2.8	5.5	11.1	18.0	23.5	30.4
125°	5.5	2.8	1.4	1.4	1.4	1.4	5.5	9.7	15.2	20.8	26.3
127.5°	5.5	2.8	1.4	1.4	1.4	1.4	4.2	8.3	12.5	18.0	23.5
130°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	6.9	11.1	15.2	19.4
132.5°	4.2	2.8	1.4	1.4	1.4	1.4	2.8	5.5	8.3	12.5	16.6
135°	4.2	1.4	1.4	1.4	1.4	1.4	1.4	4.2	6.9	9.7	12.5
137.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	2.8	5.5	6.9	11.1
140°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.2	5.5	8.3
142.5°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.2	6.9
145°	2.8	1.4	1.4	2.8	2.8	1.4	1.4	2.8	2.8	4.2	5.5
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: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2693.3	2661.5	2678.1	2672.5	2678.1	2691.9	2690.5	2686.4	2689.1	2682.2	2675.3
5°	2687.8	2655.9	2672.5	2665.6	2672.5	2686.4	2683.6	2679.4	2683.6	2675.3	2668.4
7.5°	2680.8	2651.8	2671.1	2669.8	2682.2	2700.2	2701.6	2701.6	2711.3	2698.8	2693.3
10°	2680.8	2665.6	2691.9	2701.6	2733.4	2757.0	2759.7	2765.3	2781.9	2779.1	2765.3
12.5°	2709.9	2707.1	2745.9	2769.4	2798.5	2831.7	2849.7	2855.2	2866.3	2858.0	2852.4
15°	2747.3	2761.1	2804.0	2830.3	2862.1	2887.0	2891.2	2894.0	2902.3	2889.8	2880.1
17.5°	2797.1	2805.4	2840.0	2851.1	2871.8	2876.0	2870.4	2856.6	2856.6	2828.9	2820.6
20°	2820.6	2816.5	2830.3	2812.3	2804.0	2779.1	2755.6	2729.3	2727.9	2698.8	2696.1
22.5°	2799.9	2772.2	2743.1	2698.8	2679.4	2643.5	2611.6	2596.4	2586.7	2549.4	2539.7
25°	2726.5	2658.7	2615.8	2563.2	2516.1	2474.6	2444.2	2412.3	2381.9	2351.4	2337.6
27.5°	2599.2	2535.5	2466.3	2393.0	2327.9	2264.2	2213.0	2181.2	2152.1	2112.0	2091.2
30°	2442.8	2354.2	2278.1	2207.5	2100.9	2023.4	1980.5	1916.9	1894.7	1876.7	1838.0
32.5°	2258.7	2152.1	2048.3	1952.8	1843.5	1771.5	1714.8	1667.7	1653.9	1606.8	1595.8
35°	2055.3	1915.5	1797.8	1703.7	1624.8	1537.6	1490.6	1458.7	1431.1	1399.2	1393.7
37.5°	1815.8	1689.9	1557.0	1474.0	1411.7	1337.0	1301.0	1278.8	1266.4	1242.8	1238.7
40°	1575.0	1449.1	1357.7	1274.7	1235.9	1195.8	1169.5	1159.8	1154.3	1146.0	1137.7
42.5°	1356.3	1245.6	1180.6	1125.2	1108.6	1089.2	1082.3	1087.8	1082.3	1079.5	1078.1
45°	1170.9	1086.4	1040.8	1024.2	1020.0	1014.5	1020.0	1029.7	1031.1	1028.3	1028.3
47.5°	1002.0	961.9	942.5	945.3	952.2	956.4	966.0	978.5	981.3	974.3	977.1
50°	891.3	867.8	863.6	874.7	889.9	895.5	906.5	916.2	914.8	912.1	909.3
52.5°	787.5	780.6	791.7	802.7	819.3	822.1	826.3	830.4	829.0	823.5	820.7
55°	700.3	705.8	715.5	719.7	732.1	730.8	732.1	732.1	726.6	723.8	719.7
57.5°	621.4	622.8	628.3	629.7	636.6	633.9	632.5	629.7	621.4	620.0	615.9
60°	541.1	538.4	550.8	541.1	546.7	541.1	539.8	532.8	524.5	523.2	520.4
62.5°	465.0	459.5	467.8	463.6	466.4	460.9	458.1	449.8	442.9	441.5	440.1
65°	397.2	394.4	402.7	401.4	404.1	397.2	394.4	388.9	383.4	382.0	380.6
67.5°	340.5	347.4	351.5	351.5	354.3	352.9	346.0	344.6	343.2	337.7	337.7
70°	298.9	303.1	311.4	312.8	311.4	314.2	308.6	307.3	305.9	303.1	301.7
72.5°	265.7	271.3	279.6	281.0	279.6	279.6	276.8	275.4	275.4	271.3	271.3
75°	239.4	246.4	253.3	253.3	253.3	250.5	247.7	247.7	245.0	243.6	240.8
77.5°	217.3	225.6	231.1	229.7	228.4	225.6	225.6	221.4	217.3	217.3	214.5
80°	200.7	206.2	210.4	209.0	207.6	203.4	202.1	197.9	195.1	191.0	191.0
82.5°	182.7	189.6	192.4	191.0	188.2	184.1	182.7	179.9	177.2	175.8	173.0
85°	167.5	174.4	175.8	173.0	170.2	167.5	166.1	164.7	163.3	160.5	160.5
87.5°	152.2	159.2	159.2	157.8	155.0	153.6	152.2	150.9	149.5	148.1	146.7
90°	139.8	145.3	145.3	143.9	142.6	141.2	139.8	138.4	137.0	135.6	135.6
92.5°	127.3	132.9	132.9	131.5	130.1	128.7	128.7	127.3	125.9	124.6	123.2
95°	116.3	121.8	121.8	121.8	120.4	119.0	119.0	117.6	116.3	116.3	114.9
97.5°	105.2	110.7	110.7	110.7	109.3	108.0	108.0	106.6	106.6	106.6	105.2
100°	95.5	99.6	101.0	101.0	99.6	99.6	99.6	98.3	98.3	98.3	96.9
102.5°	85.8	90.0	92.7	92.7	92.7	91.3	91.3	91.3	91.3	91.3	90.0
105°	77.5	81.7	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
107.5°	70.6	74.7	77.5	78.9	80.3	80.3	81.7	81.7	81.7	81.7	81.7
110°	63.7	67.8	72.0	73.4	74.7	76.1	76.1	77.5	76.1	76.1	76.1



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	56.7	62.3	65.0	67.8	69.2	70.6	72.0	72.0	72.0	72.0	72.0
115°	51.2	56.7	59.5	62.3	65.0	66.4	66.4	67.8	67.8	67.8	66.4
117.5°	45.7	51.2	54.0	56.7	58.1	60.9	62.3	62.3	62.3	62.3	60.9
120°	41.5	45.7	48.4	51.2	54.0	55.4	56.7	56.7	56.7	56.7	56.7
122.5°	36.0	40.1	44.3	47.1	48.4	49.8	51.2	51.2	51.2	51.2	51.2
125°	31.8	36.0	38.8	41.5	42.9	45.7	45.7	45.7	45.7	45.7	45.7
127.5°	27.7	31.8	34.6	37.4	38.8	40.1	41.5	41.5	41.5	41.5	41.5
130°	23.5	27.7	30.4	33.2	34.6	36.0	36.0	37.4	37.4	37.4	37.4
132.5°	20.8	23.5	26.3	29.1	30.4	31.8	31.8	33.2	33.2	33.2	33.2
135°	16.6	20.8	22.1	24.9	26.3	27.7	27.7	29.1	29.1	29.1	29.1
137.5°	13.8	16.6	19.4	22.1	23.5	23.5	24.9	24.9	26.3	26.3	26.3
140°	11.1	12.5	16.6	18.0	19.4	20.8	22.1	22.1	22.1	22.1	22.1
142.5°	8.3	11.1	12.5	15.2	16.6	18.0	19.4	19.4	19.4	19.4	19.4
145°	6.9	8.3	9.7	12.5	13.8	15.2	16.6	16.6	16.6	16.6	16.6
147.5°	5.5	6.9	8.3	9.7	11.1	12.5	13.8	13.8	13.8	13.8	13.8
150°	4.2	5.5	6.9	6.9	8.3	9.7	11.1	12.5	12.5	12.5	12.5
152.5°	4.2	4.2	5.5	5.5	6.9	8.3	9.7	9.7	9.7	9.7	9.7
155°	2.8	4.2	4.2	4.2	5.5	5.5	6.9	8.3	8.3	8.3	8.3
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: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2679.4	2685.0	2682.2	2678.1	2676.7	2683.6	2676.7	2644.8	2657.3	2658.7	2668.4
5°	2675.3	2679.4	2676.7	2673.9	2669.8	2678.1	2669.8	2636.5	2649.0	2650.4	2660.1
7.5°	2703.0	2704.4	2704.4	2697.4	2686.4	2690.5	2679.4	2642.1	2649.0	2649.0	2655.9
10°	2772.2	2774.9	2779.1	2761.1	2747.3	2736.2	2721.0	2675.3	2673.9	2662.8	2662.8
12.5°	2862.1	2855.2	2848.3	2840.0	2828.9	2815.1	2792.9	2739.0	2721.0	2703.0	2685.0
15°	2888.4	2885.7	2884.3	2880.1	2873.2	2869.1	2852.4	2798.5	2772.2	2750.0	2718.2
17.5°	2819.2	2824.8	2842.8	2844.1	2852.4	2869.1	2866.3	2828.9	2805.4	2795.7	2757.0
20°	2694.7	2696.1	2718.2	2727.9	2763.9	2791.6	2812.3	2808.2	2802.6	2813.7	2784.6
22.5°	2545.2	2554.9	2578.4	2593.6	2628.2	2660.1	2693.3	2711.3	2740.3	2786.0	2780.5
25°	2341.7	2354.2	2387.4	2412.3	2460.8	2509.2	2553.5	2585.3	2619.9	2707.1	2736.2
27.5°	2098.2	2117.5	2160.4	2185.4	2253.2	2303.0	2366.7	2428.9	2477.4	2577.0	2636.5
30°	1842.1	1858.7	1904.4	1939.0	1997.1	2064.9	2145.2	2233.8	2314.1	2415.1	2489.8
32.5°	1602.7	1620.7	1658.0	1688.5	1753.5	1810.3	1898.9	2008.2	2082.9	2222.7	2322.4
35°	1393.7	1410.3	1436.6	1462.9	1516.9	1575.0	1651.1	1757.7	1853.2	1998.5	2124.5
37.5°	1247.0	1249.8	1265.0	1280.2	1320.3	1364.6	1424.1	1518.3	1606.8	1763.2	1901.6
40°	1141.8	1141.8	1150.1	1154.3	1172.3	1198.6	1235.9	1309.3	1382.6	1501.7	1670.5
42.5°	1076.8	1074.0	1074.0	1075.4	1074.0	1086.4	1108.6	1143.2	1208.2	1306.5	1438.0
45°	1028.3	1022.8	1018.6	1008.9	1003.4	1003.4	1004.8	1017.2	1054.6	1118.3	1224.9
47.5°	974.3	973.0	966.0	955.0	945.3	938.4	927.3	923.1	934.2	970.2	1042.2
50°	912.1	905.1	898.2	889.9	878.8	871.9	851.2	852.6	842.9	859.5	896.8
52.5°	820.7	815.2	812.4	805.5	801.3	798.6	782.0	765.4	761.2	764.0	777.8
55°	719.7	722.5	711.4	716.9	715.5	703.1	696.2	683.7	679.6	678.2	685.1
57.5°	614.5	617.3	610.3	615.9	615.9	609.0	604.8	604.8	595.1	586.8	596.5
60°	519.0	513.5	517.6	524.5	524.5	520.4	517.6	517.6	510.7	507.9	514.9
62.5°	441.5	436.0	440.1	447.0	448.4	445.7	442.9	442.9	434.6	434.6	440.1
65°	382.0	383.4	382.0	387.5	387.5	388.9	386.1	383.4	373.7	377.8	376.5
67.5°	339.1	337.7	337.7	343.2	341.9	344.6	341.9	337.7	330.8	325.2	323.9
70°	303.1	301.7	301.7	304.5	305.9	305.9	304.5	301.7	292.0	286.5	282.3
72.5°	271.3	269.9	271.3	272.7	274.0	275.4	274.0	271.3	263.0	256.0	249.1
75°	242.2	240.8	245.0	245.0	246.4	246.4	247.7	246.4	239.4	231.1	222.8
77.5°	213.1	214.5	218.7	220.1	222.8	224.2	225.6	225.6	218.7	211.8	200.7
80°	189.6	192.4	195.1	196.5	199.3	203.4	204.8	206.2	200.7	193.8	181.3
82.5°	173.0	174.4	177.2	178.5	182.7	184.1	185.5	188.2	185.5	178.5	164.7
85°	159.2	160.5	163.3	163.3	166.1	168.8	170.2	171.6	170.2	163.3	149.5
87.5°	146.7	148.1	149.5	150.9	152.2	153.6	155.0	156.4	155.0	148.1	135.6
90°	135.6	135.6	137.0	137.0	138.4	139.8	142.6	142.6	141.2	135.6	123.2
92.5°	123.2	124.6	124.6	125.9	127.3	128.7	130.1	130.1	128.7	123.2	112.1
95°	114.9	114.9	116.3	116.3	117.6	117.6	119.0	119.0	117.6	112.1	101.0
97.5°	105.2	105.2	105.2	105.2	106.6	106.6	108.0	108.0	106.6	101.0	91.3
100°	96.9	96.9	96.9	96.9	96.9	98.3	98.3	98.3	96.9	91.3	81.7
102.5°	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	87.2	83.0	73.4
105°	85.8	85.8	85.8	84.4	84.4	84.4	83.0	83.0	78.9	74.7	66.4
107.5°	80.3	80.3	80.3	78.9	78.9	77.5	76.1	76.1	72.0	67.8	59.5
110°	76.1	76.1	76.1	74.7	73.4	72.0	70.6	69.2	65.0	59.5	52.6



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	72.0	72.0	70.6	70.6	69.2	67.8	65.0	63.7	59.5	54.0	47.1
115°	66.4	66.4	66.4	65.0	63.7	62.3	60.9	58.1	54.0	48.4	41.5
117.5°	60.9	60.9	60.9	59.5	58.1	56.7	55.4	52.6	48.4	42.9	37.4
120°	55.4	55.4	55.4	54.0	52.6	51.2	49.8	47.1	42.9	38.8	31.8
122.5°	51.2	51.2	49.8	48.4	47.1	45.7	44.3	41.5	38.8	33.2	27.7
125°	45.7	45.7	44.3	44.3	42.9	41.5	40.1	37.4	33.2	29.1	24.9
127.5°	41.5	40.1	40.1	40.1	38.8	37.4	34.6	33.2	29.1	24.9	20.8
130°	36.0	36.0	36.0	34.6	34.6	33.2	30.4	27.7	24.9	22.1	18.0
132.5°	31.8	31.8	31.8	31.8	30.4	29.1	26.3	24.9	22.1	18.0	15.2
135°	29.1	29.1	27.7	27.7	26.3	24.9	23.5	20.8	18.0	15.2	12.5
137.5°	24.9	24.9	24.9	23.5	23.5	22.1	19.4	18.0	16.6	13.8	11.1
140°	22.1	22.1	20.8	20.8	19.4	19.4	18.0	15.2	13.8	11.1	9.7
142.5°	19.4	19.4	18.0	18.0	16.6	16.6	15.2	13.8	11.1	9.7	6.9
145°	16.6	16.6	15.2	15.2	15.2	13.8	12.5	11.1	9.7	8.3	6.9
147.5°	13.8	13.8	13.8	12.5	12.5	11.1	11.1	9.7	8.3	6.9	5.5
150°	12.5	12.5	11.1	11.1	11.1	9.7	8.3	8.3	6.9	5.5	4.2
152.5°	9.7	9.7	9.7	9.7	8.3	8.3	6.9	6.9	5.5	4.2	4.2
155°	8.3	8.3	8.3	6.9	6.9	6.9	5.5	5.5	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: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4	2679.4
2.5°	2664.2	2662.8	2675.3	2673.9	2657.3	2682.2	2698.8
5°	2657.3	2655.9	2667.0	2669.8	2651.8	2678.1	2696.1
7.5°	2651.8	2650.4	2662.8	2667.0	2649.0	2672.5	2691.9
10°	2653.2	2646.2	2657.3	2660.1	2643.5	2668.4	2685.0
12.5°	2662.8	2646.2	2650.4	2650.4	2635.2	2657.3	2675.3
15°	2686.4	2651.8	2646.2	2642.1	2622.7	2643.5	2661.5
17.5°	2712.7	2665.6	2646.2	2632.4	2608.9	2626.9	2646.2
20°	2739.0	2680.8	2649.0	2626.9	2595.0	2611.6	2625.5
22.5°	2751.4	2694.7	2651.8	2618.6	2578.4	2586.7	2601.9
25°	2734.8	2689.1	2646.2	2606.1	2557.7	2559.0	2571.5
27.5°	2673.9	2661.5	2633.8	2593.6	2541.0	2534.1	2543.8
30°	2570.1	2604.7	2606.1	2577.0	2521.7	2507.8	2512.0
32.5°	2424.8	2502.3	2548.0	2542.4	2494.0	2474.6	2477.4
35°	2257.3	2354.2	2453.9	2487.1	2452.5	2437.2	2431.7
37.5°	2056.6	2186.7	2319.6	2401.3	2395.7	2386.0	2380.5
40°	1835.2	1991.6	2149.4	2279.5	2319.6	2319.6	2322.4
42.5°	1598.5	1781.2	1954.2	2118.9	2213.0	2233.8	2242.1
45°	1370.2	1554.2	1742.5	1932.1	2058.0	2123.1	2146.6
47.5°	1162.6	1348.0	1526.6	1734.2	1901.6	1986.1	2023.4
50°	985.4	1123.8	1312.0	1518.3	1701.0	1804.8	1878.1
52.5°	838.7	946.7	1111.4	1303.7	1487.8	1630.4	1698.2
55°	715.5	788.9	928.7	1094.8	1270.5	1418.6	1497.5
57.5°	611.7	669.9	765.4	903.8	1051.8	1198.6	1283.0
60°	520.4	560.5	625.6	734.9	860.9	986.8	1068.5
62.5°	441.5	467.8	510.7	591.0	689.2	787.5	863.6
65°	380.6	391.7	415.2	465.0	539.8	614.5	679.6
67.5°	321.1	328.0	346.0	376.5	413.8	467.8	510.7
70°	276.8	276.8	278.2	296.2	315.6	350.2	380.6
72.5°	240.8	236.7	228.4	232.5	236.7	256.0	275.4
75°	211.8	202.1	188.2	182.7	179.9	182.7	193.8
77.5°	186.8	173.0	156.4	142.6	131.5	127.3	137.0
80°	166.1	149.5	130.1	112.1	94.1	84.4	88.6
82.5°	149.5	128.7	108.0	87.2	66.4	52.6	52.6
85°	131.5	112.1	90.0	67.8	47.1	29.1	26.3
87.5°	119.0	98.3	74.7	54.0	33.2	15.2	8.3
90°	106.6	85.8	63.7	42.9	23.5	6.9	0.0
92.5°	95.5	76.1	55.4	34.6	16.6	4.2	0.0
95°	85.8	67.8	47.1	29.1	13.8	2.8	1.4
97.5°	76.1	59.5	41.5	23.5	9.7	2.8	1.4
100°	69.2	52.6	36.0	19.4	8.3	1.4	1.4
102.5°	60.9	47.1	30.4	16.6	6.9	1.4	1.4
105°	54.0	41.5	26.3	13.8	5.5	1.4	1.4
107.5°	48.4	36.0	23.5	12.5	5.5	1.4	1.4
110°	42.9	31.8	20.8	11.1	4.2	1.4	1.4



TEST NUMBER: P290233

CATALOG NUMBER: 8SSRK-LC-60-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	38.8	27.7	18.0	9.7	2.8	1.4	1.4
115°	33.2	24.9	15.2	8.3	2.8	1.4	1.4
117.5°	29.1	20.8	13.8	6.9	2.8	1.4	1.4
120°	24.9	18.0	11.1	5.5	1.4	1.4	1.4
122.5°	22.1	15.2	9.7	5.5	1.4	1.4	1.4
125°	19.4	13.8	8.3	4.2	1.4	1.4	1.4
127.5°	16.6	11.1	6.9	2.8	1.4	1.4	1.4
130°	13.8	9.7	5.5	2.8	1.4	1.4	1.4
132.5°	11.1	8.3	5.5	2.8	1.4	1.4	1.4
135°	9.7	6.9	4.2	2.8	1.4	1.4	1.4
137.5°	8.3	5.5	2.8	2.8	2.8	1.4	1.4
140°	6.9	4.2	2.8	2.8	2.8	2.8	1.4
142.5°	5.5	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)