

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: P290232

Luminaire Tested: **8SSRK-LC-60-L830-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: P290232
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-L830-CD1-U
Description: 6000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6279.3 lumens
Efficiency: N/A
Efficacy: 151.7 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

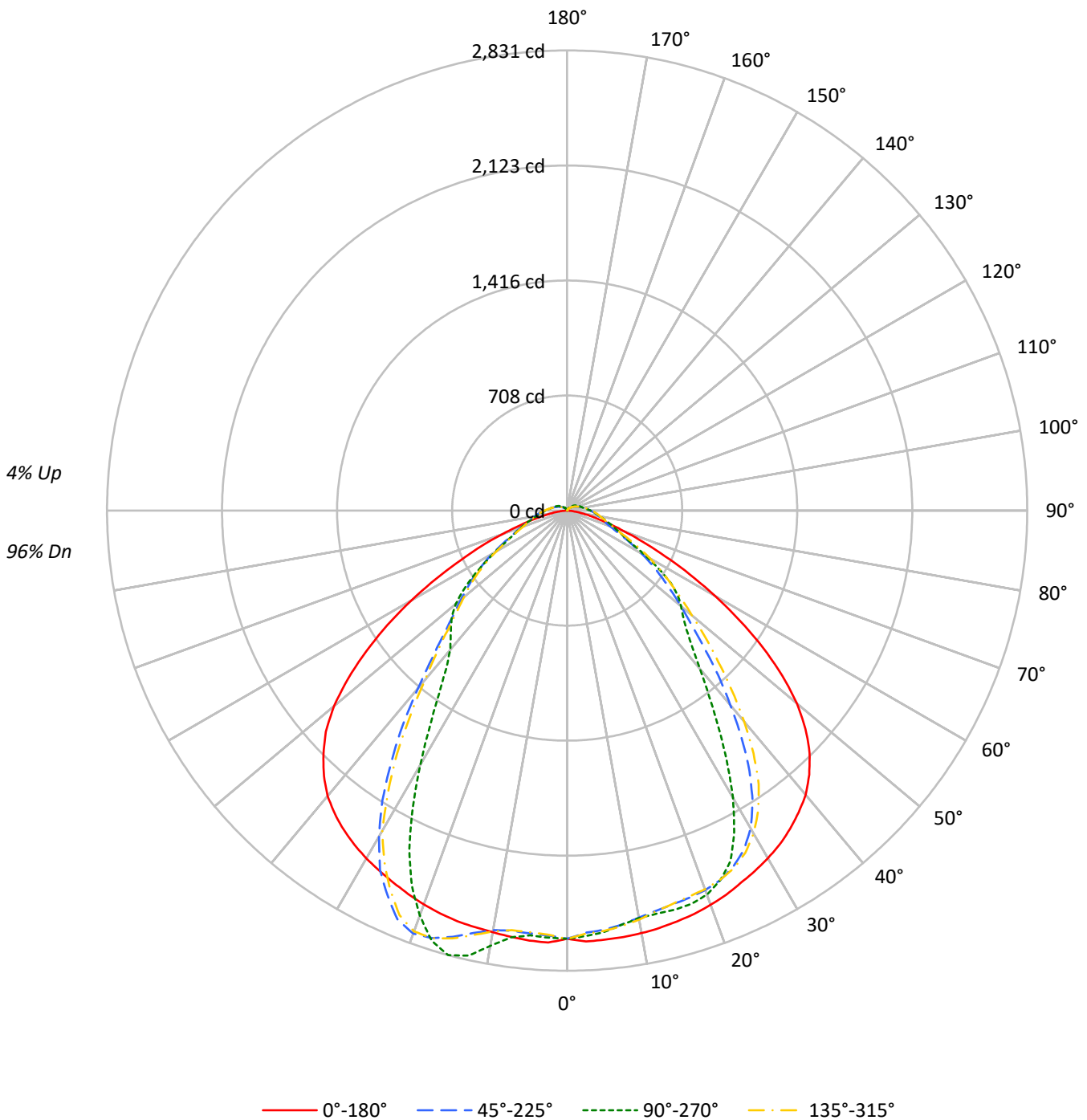
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	85056	85056	85056	85056
5°	85753	62496	85931	62985
10°	86231	48947	86052	52269
15°	86979	41032	86936	45686
20°	88022	35181	87930	37084
25°	89202	29574	89152	28576
30°	90982	22979	91030	20357
35°	92880	16792	93144	14210
40°	94583	12283	94977	10822
45°	94400	9481	94888	9233
50°	90505	7965	91770	7787
55°	80482	6527	82489	5934
60°	65469	4544	68947	4168
65°	48858	3148	52639	2984
70°	33408	2443	37668	2336
75°	22053	1961	25676	1854
80°	14486	1602	16964	1474
85°	7750	1370	10174	1251



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.2	4.0
10°-20°	744.4	11.9
20°-30°	1131.7	18.0
30°-40°	1214.1	19.3
40°-50°	1053.7	16.8
50°-60°	780.9	12.4
60°-70°	447.4	7.1
70°-80°	247.8	3.9
80°-90°	150.9	2.4
90°-100°	98.1	1.6
100°-110°	65.7	1.0
110°-120°	44.4	0.7
120°-130°	27.2	0.4
130°-140°	14.3	0.2
140°-150°	6.5	0.1
150°-160°	1.9	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2126.4	33.9
0°-40°	3340.5	53.2
0°-60°	5175.1	82.4
0°-90°	6021.1	95.9
90°-120°	208.2	3.3
90°-150°	256.3	4.1
90°-180°	258.0	4.1
0°-180°	6279.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2634	2634	2634	2634	2634	
5°	2650	2603	2656	2623	2650	253
15°	2616	2543	2615	2831	2616	740
25°	2528	2378	2526	2298	2528	1169
35°	2390	1619	2397	1370	2390	1496
45°	2110	1038	2121	1011	2110	1616
55°	1472	778	1509	708	1472	1305
65°	668	395	720	374	668	673
75°	190	250	222	237	190	217
85°	26	173	34	158	26	34
90°	0	144	3	133	0	1
95°	1	118	0	113	1	1
105°	1	88	1	84	1	1
115°	1	72	1	65	1	1
125°	1	54	1	45	1	1
135°	1	34	1	29	1	1
145°	1	20	3	16	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°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2653.1	2646.3	2643.5	2638.1	2642.2	2658.5	2647.6	2629.9	2631.3	2600.0	2616.3
5°	2650.3	2642.2	2638.1	2632.7	2635.4	2650.3	2639.5	2621.8	2620.4	2589.1	2604.1
7.5°	2646.3	2638.1	2631.3	2627.2	2628.6	2640.8	2627.2	2606.8	2602.7	2568.7	2582.3
10°	2639.5	2634.0	2624.5	2617.7	2616.3	2629.9	2608.2	2587.8	2578.2	2542.9	2556.5
12.5°	2629.9	2621.8	2612.2	2600.0	2598.6	2606.8	2589.1	2560.5	2551.0	2522.4	2537.4
15°	2616.3	2606.8	2595.9	2582.3	2575.5	2580.9	2559.2	2533.3	2532.0	2507.5	2527.9
17.5°	2601.4	2587.8	2575.5	2556.5	2546.9	2551.0	2533.3	2510.2	2512.9	2498.0	2521.1
20°	2580.9	2566.0	2546.9	2527.9	2514.3	2521.1	2508.8	2491.2	2495.2	2484.4	2504.8
22.5°	2557.8	2537.4	2514.3	2492.5	2481.6	2491.2	2481.6	2466.7	2468.0	2461.2	2473.5
25°	2527.9	2504.8	2477.5	2450.3	2444.9	2451.7	2446.3	2434.0	2428.6	2417.7	2423.1
27.5°	2500.7	2474.8	2440.8	2412.2	2402.7	2416.3	2404.1	2383.7	2368.7	2353.7	2342.9
30°	2469.4	2438.1	2400.0	2367.3	2359.2	2364.6	2346.9	2315.6	2276.2	2257.1	2227.2
32.5°	2435.4	2394.6	2346.9	2310.2	2304.8	2300.7	2268.0	2223.1	2161.9	2123.8	2077.5
35°	2390.5	2345.6	2288.4	2243.5	2235.4	2212.2	2159.2	2099.3	2020.4	1955.1	1876.2
37.5°	2340.1	2287.1	2227.2	2167.3	2144.2	2098.0	2023.1	1960.5	1840.8	1761.9	1666.7
40°	2283.0	2219.0	2145.6	2073.5	2035.4	1960.5	1874.8	1782.3	1666.7	1560.5	1480.3
42.5°	2204.1	2136.1	2049.0	1968.7	1903.4	1804.1	1703.4	1572.8	1466.7	1376.9	1295.2
45°	2110.2	2028.6	1927.9	1831.3	1748.3	1629.9	1511.6	1381.0	1292.5	1187.8	1132.0
47.5°	1989.1	1900.7	1793.2	1685.7	1576.9	1446.3	1322.4	1197.3	1108.8	1034.0	993.2
50°	1846.3	1764.6	1646.3	1518.4	1398.6	1262.6	1138.8	1044.9	959.2	912.9	881.6
52.5°	1669.4	1593.2	1472.1	1333.3	1217.7	1084.4	971.4	895.2	834.0	800.0	789.1
55°	1472.1	1405.4	1285.7	1156.5	1038.1	915.6	829.9	763.3	723.8	703.4	704.8
57.5°	1261.2	1209.5	1096.6	981.0	869.4	776.9	699.3	646.3	616.3	615.0	619.0
60°	1050.3	1012.2	914.3	815.0	717.0	642.2	585.0	548.3	529.3	530.6	529.3
62.5°	849.0	813.6	742.9	661.2	583.7	533.3	481.6	466.7	450.3	449.0	449.0
65°	668.0	640.8	583.7	525.2	466.7	434.0	408.2	390.5	378.2	375.5	376.9
67.5°	502.0	491.2	451.7	412.2	375.5	355.1	333.3	329.3	319.7	319.7	322.4
70°	374.1	366.0	344.2	321.1	306.1	292.5	281.6	281.6	280.3	278.9	285.7
72.5°	270.7	272.1	265.3	247.6	246.3	243.5	240.8	244.9	246.3	250.3	258.5
75°	190.5	194.6	194.6	191.8	197.3	204.1	208.2	215.0	223.1	228.6	238.1
77.5°	134.7	134.7	141.5	149.7	160.5	172.8	183.7	193.2	204.1	210.9	219.0
80°	87.1	91.2	102.0	117.0	132.0	148.3	163.3	175.5	186.4	197.3	202.7
82.5°	51.7	58.5	72.1	91.2	110.2	130.6	145.6	160.5	172.8	183.7	187.8
85°	25.9	35.4	51.7	72.1	92.5	114.3	133.3	146.9	160.5	170.1	175.5
87.5°	8.2	19.0	36.7	55.8	77.6	99.3	119.7	134.7	146.9	155.1	160.5
90°	0.0	9.5	25.9	46.3	66.7	88.4	107.5	123.8	136.1	142.9	146.9
92.5°	0.0	5.4	20.4	38.1	57.1	78.9	98.0	112.9	123.8	130.6	133.3
95°	1.4	4.1	15.0	31.3	50.3	70.7	88.4	102.0	112.9	119.7	121.1
97.5°	1.4	2.7	12.2	25.9	43.5	62.6	80.3	93.9	102.0	108.8	110.2
100°	1.4	2.7	9.5	23.1	38.1	55.8	72.1	84.4	93.9	99.3	100.7
102.5°	1.4	1.4	8.2	19.0	34.0	49.0	63.9	76.2	84.4	89.8	92.5
105°	1.4	1.4	6.8	16.3	29.9	43.5	57.1	69.4	76.2	81.6	84.4
107.5°	1.4	1.4	5.4	13.6	25.9	38.1	51.7	61.2	69.4	74.8	77.6
110°	1.4	1.4	4.1	12.2	21.8	34.0	44.9	54.4	62.6	68.0	70.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.4	1.4	4.1	10.9	19.0	29.9	39.5	49.0	55.8	61.2	65.3
115°	1.4	1.4	4.1	9.5	17.7	25.9	35.4	43.5	50.3	55.8	59.9
117.5°	1.4	1.4	4.1	8.2	15.0	23.1	31.3	39.5	44.9	50.3	54.4
120°	1.4	1.4	2.7	6.8	13.6	20.4	27.2	34.0	40.8	46.3	50.3
122.5°	1.4	1.4	2.7	6.8	10.9	17.7	24.5	29.9	36.7	40.8	44.9
125°	1.4	1.4	2.7	5.4	9.5	16.3	21.8	27.2	31.3	36.7	40.8
127.5°	1.4	1.4	2.7	5.4	8.2	13.6	19.0	24.5	28.6	32.7	35.4
130°	1.4	1.4	2.7	4.1	6.8	10.9	16.3	20.4	25.9	28.6	31.3
132.5°	1.4	1.4	1.4	4.1	5.4	8.2	12.2	17.7	21.8	25.9	27.2
135°	1.4	1.4	1.4	2.7	5.4	6.8	9.5	13.6	17.7	21.8	24.5
137.5°	1.4	1.4	1.4	2.7	4.1	6.8	8.2	10.9	15.0	17.7	21.8
140°	1.4	1.4	1.4	2.7	4.1	5.4	6.8	9.5	12.2	15.0	17.7
142.5°	1.4	1.4	1.4	2.7	2.7	4.1	5.4	8.2	9.5	12.2	15.0
145°	1.4	1.4	1.4	2.7	2.7	4.1	5.4	6.8	8.2	9.5	12.2
147.5°	1.4	1.4	1.4	2.7	2.7	2.7	4.1	5.4	6.8	8.2	9.5
150°	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	5.4	6.8	8.2
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	4.1	5.4	6.8
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	5.4	5.4
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2610.9	2613.6	2629.9	2628.6	2625.8	2623.1	2623.1	2620.4	2623.1	2629.9	2627.2
5°	2597.3	2601.4	2613.6	2612.2	2609.5	2608.2	2606.8	2602.7	2605.4	2615.0	2612.2
7.5°	2572.8	2576.9	2587.8	2582.3	2578.2	2580.9	2574.1	2570.1	2575.5	2585.0	2583.7
10°	2546.9	2549.7	2563.3	2560.5	2553.7	2555.1	2548.3	2545.6	2552.4	2557.8	2559.2
12.5°	2529.2	2538.8	2551.0	2549.7	2548.3	2549.7	2542.9	2540.1	2544.2	2549.7	2548.3
15°	2525.2	2537.4	2551.0	2551.0	2552.4	2553.7	2546.9	2542.9	2546.9	2551.0	2549.7
17.5°	2521.1	2536.1	2548.3	2546.9	2548.3	2551.0	2540.1	2537.4	2542.9	2548.3	2545.6
20°	2507.5	2521.1	2529.2	2526.5	2526.5	2527.9	2514.3	2514.3	2522.4	2526.5	2527.9
22.5°	2469.4	2485.7	2485.7	2478.9	2478.9	2473.5	2469.4	2461.2	2470.7	2477.5	2483.0
25°	2412.2	2419.0	2410.9	2395.9	2387.8	2380.9	2361.9	2378.2	2378.2	2398.6	2405.4
27.5°	2332.0	2317.0	2293.9	2262.6	2255.8	2234.0	2221.8	2225.8	2232.7	2261.2	2283.0
30°	2200.0	2155.1	2115.6	2102.0	2072.1	2050.3	2028.6	2039.5	2051.7	2068.0	2112.9
32.5°	2025.8	1982.3	1918.4	1895.2	1863.9	1836.7	1810.9	1827.2	1849.0	1859.9	1908.8
35°	1825.8	1774.1	1715.6	1676.2	1643.5	1628.6	1595.9	1619.0	1642.2	1650.3	1692.5
37.5°	1613.6	1560.5	1508.8	1474.8	1443.5	1434.0	1412.2	1428.6	1446.3	1458.5	1493.9
40°	1412.2	1363.3	1323.8	1300.7	1278.9	1270.7	1262.6	1269.4	1283.0	1292.5	1319.7
42.5°	1239.5	1200.0	1172.8	1159.2	1144.2	1133.3	1134.7	1137.4	1144.2	1164.6	1176.9
45°	1088.4	1065.3	1047.6	1044.9	1035.4	1034.0	1032.7	1038.1	1042.2	1054.4	1063.9
47.5°	967.3	957.8	953.7	959.2	963.3	957.8	960.5	967.3	975.5	975.5	974.1
50°	872.1	874.8	880.3	892.5	900.7	903.4	906.1	914.3	915.6	918.4	914.3
52.5°	794.6	797.3	812.2	831.3	840.8	844.9	850.3	858.5	858.5	861.2	855.8
55°	715.6	719.7	734.7	753.7	761.9	767.3	772.8	778.2	782.3	787.8	783.7
57.5°	628.6	640.8	650.3	655.8	661.2	665.3	669.4	670.7	678.9	680.3	687.1
60°	536.1	538.8	548.3	546.9	542.9	553.7	548.3	557.8	567.3	579.6	581.0
62.5°	447.6	449.0	455.8	453.1	458.5	457.1	461.2	461.2	468.0	473.5	480.3
65°	378.2	379.6	385.0	385.0	383.7	387.8	391.8	394.6	394.6	398.6	404.1
67.5°	326.5	330.6	336.1	338.8	341.5	341.5	345.6	346.9	349.7	351.0	353.7
70°	291.2	296.6	302.0	304.8	306.1	308.8	310.2	310.2	312.9	314.3	317.0
72.5°	265.3	270.7	274.8	274.8	277.6	278.9	278.9	280.3	281.6	284.4	287.1
75°	243.5	247.6	250.3	249.0	249.0	249.0	250.3	250.3	253.1	255.8	258.5
77.5°	223.1	227.2	227.2	224.5	224.5	224.5	224.5	225.9	227.2	229.9	232.7
80°	208.2	208.2	206.8	206.8	204.1	202.7	202.7	204.1	204.1	206.8	210.9
82.5°	191.8	191.8	190.5	189.1	187.8	186.4	186.4	187.8	189.1	190.5	193.2
85°	176.9	176.9	174.1	174.1	172.8	172.8	172.8	172.8	174.1	175.5	178.2
87.5°	161.9	160.5	159.2	157.8	157.8	157.8	157.8	157.8	159.2	161.9	163.3
90°	146.9	145.6	144.2	144.2	142.9	142.9	144.2	144.2	145.6	146.9	148.3
92.5°	133.3	132.0	130.6	130.6	129.3	129.3	130.6	129.3	132.0	132.0	133.3
95°	121.1	119.7	118.4	118.4	118.4	118.4	118.4	118.4	119.7	119.7	121.1
97.5°	110.2	108.8	107.5	107.5	108.8	107.5	108.8	108.8	108.8	110.2	111.6
100°	100.7	99.3	99.3	100.7	99.3	99.3	100.7	100.7	100.7	100.7	102.0
102.5°	92.5	92.5	92.5	92.5	92.5	92.5	93.9	93.9	93.9	93.9	95.2
105°	84.4	85.7	85.7	85.7	87.1	87.1	87.1	88.4	88.4	88.4	88.4
107.5°	78.9	80.3	80.3	81.6	81.6	83.0	83.0	83.0	83.0	84.4	84.4
110°	73.5	74.8	76.2	77.6	77.6	78.9	78.9	78.9	78.9	78.9	78.9



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	68.0	69.4	70.7	73.5	74.8	74.8	74.8	74.8	76.2	76.2	74.8
115°	62.6	65.3	66.7	69.4	70.7	70.7	72.1	72.1	72.1	72.1	70.7
117.5°	57.1	61.2	62.6	65.3	66.7	66.7	68.0	68.0	68.0	68.0	66.7
120°	53.1	55.8	58.5	59.9	61.2	62.6	62.6	63.9	63.9	63.9	62.6
122.5°	49.0	51.7	54.4	55.8	57.1	58.5	58.5	58.5	58.5	58.5	58.5
125°	43.5	46.3	49.0	50.3	51.7	53.1	53.1	54.4	54.4	54.4	53.1
127.5°	39.5	42.2	43.5	46.3	47.6	47.6	49.0	49.0	49.0	49.0	47.6
130°	34.0	36.7	39.5	40.8	42.2	42.2	43.5	43.5	43.5	43.5	43.5
132.5°	29.9	32.7	34.0	36.7	36.7	38.1	38.1	39.5	39.5	39.5	38.1
135°	27.2	28.6	29.9	32.7	32.7	34.0	34.0	34.0	34.0	34.0	34.0
137.5°	24.5	25.9	27.2	28.6	28.6	29.9	29.9	29.9	29.9	31.3	29.9
140°	20.4	23.1	24.5	24.5	25.9	25.9	25.9	27.2	27.2	27.2	25.9
142.5°	17.7	19.0	20.4	21.8	23.1	23.1	23.1	23.1	24.5	23.1	23.1
145°	13.6	16.3	17.7	19.0	20.4	20.4	20.4	20.4	20.4	20.4	20.4
147.5°	10.9	12.2	15.0	16.3	16.3	17.7	17.7	17.7	17.7	17.7	17.7
150°	9.5	9.5	12.2	13.6	15.0	15.0	15.0	15.0	15.0	15.0	15.0
152.5°	6.8	8.2	9.5	10.9	12.2	12.2	12.2	12.2	12.2	12.2	12.2
155°	6.8	6.8	8.2	8.2	9.5	9.5	9.5	9.5	10.9	9.5	9.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2623.1	2621.8	2627.2	2621.8	2594.6	2605.4	2601.4	2616.3	2617.7	2621.8	2635.4
5°	2609.5	2609.5	2616.3	2610.9	2585.0	2595.9	2594.6	2609.5	2612.2	2615.0	2629.9
7.5°	2582.3	2583.7	2593.2	2589.1	2561.9	2578.2	2576.9	2594.6	2600.0	2605.4	2619.0
10°	2556.5	2555.1	2566.0	2561.9	2536.1	2555.1	2553.7	2571.4	2579.6	2589.1	2605.4
12.5°	2542.9	2538.8	2542.9	2538.8	2510.2	2525.2	2526.5	2546.9	2556.5	2568.7	2587.8
15°	2542.9	2536.1	2536.1	2527.9	2495.2	2504.8	2506.1	2519.7	2532.0	2544.2	2567.3
17.5°	2540.1	2533.3	2532.0	2525.2	2489.8	2489.8	2488.4	2498.0	2504.8	2517.0	2541.5
20°	2525.2	2522.4	2521.1	2517.0	2484.4	2478.9	2476.2	2476.2	2480.3	2484.4	2508.8
22.5°	2485.7	2488.4	2491.2	2493.9	2468.0	2458.5	2459.9	2457.1	2453.1	2453.1	2473.5
25°	2412.2	2425.8	2436.7	2449.0	2434.0	2427.2	2435.4	2431.3	2424.5	2419.0	2436.7
27.5°	2295.2	2323.8	2346.9	2376.9	2378.2	2372.8	2394.6	2391.8	2390.5	2382.3	2395.9
30°	2133.3	2178.2	2209.5	2253.1	2289.8	2295.2	2332.0	2337.4	2342.9	2338.8	2352.4
32.5°	1937.4	1998.6	2051.7	2119.7	2155.1	2186.4	2238.1	2259.9	2281.6	2288.4	2303.4
35°	1723.8	1793.2	1855.8	1930.6	1986.4	2054.4	2117.0	2149.7	2198.6	2217.7	2239.5
37.5°	1521.1	1586.4	1647.6	1722.4	1812.2	1883.0	1960.5	2034.0	2100.7	2127.9	2160.5
40°	1341.5	1394.6	1453.1	1518.4	1600.0	1692.5	1776.9	1878.9	1957.8	2012.2	2059.9
42.5°	1205.4	1231.3	1281.6	1340.1	1405.4	1499.3	1585.0	1699.3	1794.6	1872.1	1951.0
45°	1084.4	1096.6	1133.3	1164.6	1231.3	1314.3	1405.4	1517.0	1616.3	1715.6	1810.9
47.5°	981.0	995.9	1013.6	1032.7	1080.3	1149.7	1228.6	1329.3	1428.6	1544.2	1653.1
50°	911.6	915.6	918.4	926.5	955.1	1002.7	1066.7	1152.4	1247.6	1371.4	1487.1
52.5°	850.3	850.3	842.2	838.1	849.0	878.9	915.6	976.9	1074.8	1189.1	1311.6
55°	785.0	772.8	770.1	756.5	759.2	772.8	790.5	838.1	918.4	1016.3	1134.7
57.5°	693.9	688.4	688.4	683.0	672.1	678.9	683.0	717.0	774.1	858.5	961.9
60°	589.1	586.4	593.2	594.6	585.0	589.1	587.8	608.2	649.0	717.0	802.7
62.5°	484.4	496.6	498.0	503.4	498.0	496.6	503.4	521.1	541.5	593.2	659.9
65°	406.8	413.6	415.0	421.8	419.0	419.0	424.5	438.1	450.3	485.7	537.4
67.5°	356.5	353.7	355.1	359.2	355.1	353.7	357.8	366.0	375.5	397.3	434.0
70°	317.0	314.3	314.3	314.3	308.8	304.8	306.1	308.8	312.9	325.2	348.3
72.5°	287.1	287.1	283.0	278.9	274.8	272.1	269.4	266.7	265.3	269.4	281.6
75°	259.9	261.2	259.9	255.8	250.3	244.9	239.5	234.0	227.2	224.5	225.9
77.5°	235.4	236.7	238.1	236.7	231.3	224.5	216.3	208.2	198.6	189.1	183.7
80°	213.6	216.3	217.7	216.3	212.2	206.8	197.3	187.8	174.1	161.9	148.3
82.5°	194.6	198.6	200.0	200.0	197.3	191.8	181.0	170.1	155.1	138.8	121.1
85°	179.6	182.3	185.0	185.0	183.7	178.2	167.3	155.1	140.1	121.1	102.0
87.5°	164.6	166.0	168.7	171.4	168.7	163.3	153.7	140.1	125.2	106.1	84.4
90°	149.7	151.0	153.7	156.5	155.1	149.7	141.5	129.3	112.9	92.5	70.7
92.5°	134.7	137.4	138.8	140.1	141.5	137.4	130.6	118.4	102.0	81.6	61.2
95°	123.8	123.8	126.5	127.9	129.3	125.2	119.7	107.5	92.5	73.5	53.1
97.5°	112.9	112.9	115.6	115.6	117.0	114.3	108.8	98.0	83.0	65.3	44.9
100°	102.0	103.4	104.8	106.1	106.1	104.8	99.3	88.4	74.8	58.5	39.5
102.5°	95.2	95.2	96.6	96.6	98.0	95.2	89.8	80.3	66.7	51.7	34.0
105°	88.4	88.4	89.8	89.8	88.4	85.7	80.3	72.1	59.9	44.9	29.9
107.5°	83.0	83.0	83.0	83.0	81.6	78.9	73.5	63.9	53.1	40.8	27.2
110°	78.9	77.6	77.6	76.2	74.8	70.7	65.3	57.1	47.6	35.4	23.1



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	74.8	73.5	72.1	70.7	68.0	63.9	58.5	51.7	42.2	31.3	20.4
115°	70.7	69.4	68.0	65.3	62.6	58.5	53.1	46.3	36.7	27.2	17.7
117.5°	66.7	65.3	62.6	59.9	57.1	53.1	47.6	40.8	32.7	24.5	16.3
120°	61.2	59.9	58.5	55.8	53.1	47.6	42.2	36.7	28.6	21.8	13.6
122.5°	57.1	55.8	53.1	51.7	47.6	43.5	38.1	32.7	25.9	19.0	12.2
125°	51.7	50.3	49.0	46.3	43.5	38.1	34.0	28.6	23.1	16.3	9.5
127.5°	47.6	46.3	43.5	40.8	38.1	34.0	29.9	25.9	20.4	13.6	9.5
130°	42.2	40.8	39.5	36.7	34.0	29.9	27.2	21.8	17.7	12.2	8.2
132.5°	36.7	36.7	35.4	32.7	29.9	27.2	23.1	19.0	15.0	10.9	6.8
135°	34.0	32.7	31.3	28.6	27.2	23.1	20.4	16.3	12.2	9.5	5.4
137.5°	29.9	28.6	27.2	25.9	23.1	20.4	17.7	13.6	10.9	8.2	5.4
140°	25.9	24.5	24.5	21.8	20.4	17.7	15.0	12.2	9.5	6.8	4.1
142.5°	23.1	21.8	20.4	19.0	17.7	15.0	12.2	9.5	8.2	5.4	4.1
145°	20.4	19.0	17.7	16.3	15.0	12.2	10.9	8.2	6.8	5.4	4.1
147.5°	16.3	16.3	15.0	13.6	12.2	10.9	9.5	8.2	5.4	4.1	2.7
150°	13.6	13.6	12.2	10.9	10.9	9.5	8.2	6.8	5.4	4.1	2.7
152.5°	12.2	10.9	10.9	9.5	9.5	8.2	6.8	5.4	4.1	4.1	2.7
155°	9.5	9.5	9.5	8.2	8.2	6.8	5.4	5.4	4.1	2.7	2.7
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: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2638.1	2621.8	2635.4	2659.9	2657.1	2654.4	2651.7	2657.1	2674.8	2665.3	2650.3
5°	2634.0	2617.7	2632.7	2655.8	2654.4	2650.3	2647.6	2653.1	2670.7	2661.2	2644.9
7.5°	2625.8	2610.9	2621.8	2644.9	2644.9	2642.2	2639.5	2644.9	2661.2	2653.1	2636.7
10°	2612.2	2601.4	2612.2	2634.0	2635.4	2629.9	2627.2	2634.0	2650.3	2646.3	2632.7
12.5°	2601.4	2590.5	2602.7	2624.5	2625.8	2620.4	2616.3	2624.5	2646.3	2649.0	2644.9
15°	2586.4	2576.9	2591.8	2615.0	2615.0	2610.9	2610.9	2621.8	2651.7	2663.9	2670.7
17.5°	2564.6	2557.8	2575.5	2598.6	2600.0	2597.3	2598.6	2620.4	2659.9	2689.8	2708.8
20°	2537.4	2534.7	2553.7	2578.2	2582.3	2583.7	2590.5	2623.1	2677.5	2718.4	2737.4
22.5°	2504.8	2506.1	2527.9	2553.7	2559.2	2563.3	2576.9	2623.1	2691.2	2734.7	2742.9
25°	2468.0	2472.1	2495.2	2526.5	2533.3	2541.5	2564.6	2624.5	2695.2	2723.8	2710.2
27.5°	2428.6	2436.7	2466.7	2499.3	2507.5	2521.1	2551.0	2616.3	2676.2	2677.5	2627.2
30°	2387.8	2397.3	2432.7	2470.7	2484.4	2498.0	2534.7	2597.3	2629.9	2586.4	2498.0
32.5°	2341.5	2355.1	2390.5	2436.7	2453.1	2470.7	2507.5	2560.5	2548.3	2454.4	2327.9
35°	2283.0	2302.0	2342.9	2397.3	2412.2	2435.4	2461.2	2473.5	2419.0	2285.7	2142.9
37.5°	2210.9	2239.5	2287.1	2349.7	2366.0	2380.9	2387.8	2353.7	2244.9	2100.7	1952.4
40°	2127.9	2171.4	2223.1	2292.5	2308.8	2308.8	2284.4	2212.2	2074.8	1885.7	1721.1
42.5°	2027.2	2080.3	2145.6	2215.0	2231.3	2212.2	2153.7	2027.2	1870.7	1659.9	1485.7
45°	1904.8	1975.5	2049.0	2121.1	2129.2	2087.1	1982.3	1821.8	1628.6	1432.7	1266.7
47.5°	1759.2	1851.7	1932.0	2013.6	2002.7	1932.0	1791.8	1609.5	1405.4	1220.4	1087.1
50°	1595.9	1704.8	1794.6	1872.1	1849.0	1751.0	1586.4	1395.9	1193.2	1035.4	925.2
52.5°	1421.8	1546.9	1636.7	1699.3	1668.0	1551.0	1370.1	1187.8	1021.8	877.6	804.1
55°	1240.8	1367.3	1459.9	1508.8	1468.0	1341.5	1163.3	997.3	840.8	746.9	703.4
57.5°	1065.3	1183.7	1270.7	1310.2	1258.5	1132.0	967.3	827.2	714.3	635.4	613.6
60°	896.6	993.2	1076.2	1106.1	1050.3	933.3	791.8	680.3	597.3	542.9	532.0
62.5°	740.1	819.0	884.4	907.5	853.1	761.9	639.5	556.5	498.0	470.7	457.1
65°	610.9	657.1	723.8	719.7	687.1	602.7	512.9	454.4	416.3	398.6	390.5
67.5°	480.3	522.4	564.6	570.1	529.3	470.7	412.2	370.1	349.7	340.1	336.1
70°	371.4	402.7	428.6	421.8	400.0	363.3	326.5	303.4	295.2	291.2	291.2
72.5°	288.4	304.8	317.0	308.8	295.2	276.2	258.5	249.0	250.3	253.1	255.8
75°	223.1	227.2	229.9	221.8	219.0	206.8	205.4	206.8	215.0	223.1	227.2
77.5°	171.4	166.0	161.9	153.7	155.1	153.7	160.5	171.4	183.7	195.9	206.8
80°	132.0	119.7	110.2	102.0	106.1	112.9	126.5	142.9	159.2	172.8	186.4
82.5°	102.0	84.4	70.7	62.6	70.7	81.6	99.3	119.7	138.8	153.7	168.7
85°	78.9	58.5	42.2	34.0	42.2	58.5	77.6	100.7	121.1	137.4	152.4
87.5°	61.2	42.2	23.1	13.6	23.1	40.8	62.6	84.4	104.8	123.8	138.8
90°	49.0	28.6	10.9	2.7	12.2	28.6	49.0	70.7	91.2	111.6	126.5
92.5°	39.5	20.4	5.4	0.0	6.8	21.8	40.8	61.2	81.6	100.7	115.6
95°	32.7	16.3	4.1	0.0	5.4	16.3	32.7	53.1	72.1	91.2	103.4
97.5°	27.2	12.2	2.7	0.0	2.7	13.6	27.2	44.9	63.9	81.6	93.9
100°	23.1	10.9	2.7	0.0	2.7	10.9	23.1	39.5	55.8	72.1	84.4
102.5°	19.0	8.2	1.4	1.4	1.4	8.2	20.4	34.0	49.0	63.9	76.2
105°	17.7	6.8	1.4	1.4	1.4	6.8	17.7	29.9	43.5	57.1	68.0
107.5°	15.0	5.4	1.4	1.4	1.4	5.4	15.0	25.9	39.5	51.7	61.2
110°	12.2	5.4	1.4	1.4	1.4	5.4	12.2	23.1	34.0	44.9	54.4



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	10.9	4.1	1.4	1.4	1.4	4.1	10.9	20.4	29.9	40.8	49.0
115°	9.5	4.1	1.4	1.4	1.4	4.1	9.5	17.7	25.9	35.4	43.5
117.5°	8.2	4.1	1.4	1.4	1.4	2.7	8.2	15.0	23.1	31.3	39.5
120°	6.8	2.7	1.4	1.4	1.4	2.7	6.8	13.6	20.4	27.2	34.0
122.5°	6.8	2.7	1.4	1.4	1.4	2.7	5.4	10.9	17.7	23.1	29.9
125°	5.4	2.7	1.4	1.4	1.4	1.4	5.4	9.5	15.0	20.4	25.9
127.5°	5.4	2.7	1.4	1.4	1.4	1.4	4.1	8.2	12.2	17.7	23.1
130°	4.1	2.7	1.4	1.4	1.4	1.4	2.7	6.8	10.9	15.0	19.0
132.5°	4.1	2.7	1.4	1.4	1.4	1.4	2.7	5.4	8.2	12.2	16.3
135°	4.1	1.4	1.4	1.4	1.4	1.4	1.4	4.1	6.8	9.5	12.2
137.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	2.7	5.4	6.8	10.9
140°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	2.7	4.1	5.4	8.2
142.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.7	4.1	6.8
145°	2.7	1.4	1.4	2.7	2.7	1.4	1.4	2.7	2.7	4.1	5.4
147.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.7	2.7	4.1
150°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.1
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2647.6	2616.3	2632.7	2627.2	2632.7	2646.3	2644.9	2640.8	2643.5	2636.7	2629.9
5°	2642.2	2610.9	2627.2	2620.4	2627.2	2640.8	2638.1	2634.0	2638.1	2629.9	2623.1
7.5°	2635.4	2606.8	2625.8	2624.5	2636.7	2654.4	2655.8	2655.8	2665.3	2653.1	2647.6
10°	2635.4	2620.4	2646.3	2655.8	2687.1	2710.2	2712.9	2718.4	2734.7	2732.0	2718.4
12.5°	2663.9	2661.2	2699.3	2722.4	2751.0	2783.7	2801.4	2806.8	2817.7	2809.5	2804.1
15°	2700.7	2714.3	2756.5	2782.3	2813.6	2838.1	2842.2	2844.9	2853.1	2840.8	2831.3
17.5°	2749.7	2757.8	2791.8	2802.7	2823.1	2827.2	2821.8	2808.2	2808.2	2780.9	2772.8
20°	2772.8	2768.7	2782.3	2764.6	2756.5	2732.0	2708.8	2683.0	2681.6	2653.1	2650.3
22.5°	2752.4	2725.2	2696.6	2653.1	2634.0	2598.6	2567.3	2552.4	2542.9	2506.1	2496.6
25°	2680.3	2613.6	2571.4	2519.7	2473.5	2432.7	2402.7	2371.4	2341.5	2311.6	2298.0
27.5°	2555.1	2492.5	2424.5	2352.4	2288.4	2225.8	2175.5	2144.2	2115.6	2076.2	2055.8
30°	2401.4	2314.3	2239.5	2170.1	2065.3	1989.1	1946.9	1884.4	1862.6	1844.9	1806.8
32.5°	2220.4	2115.6	2013.6	1919.7	1812.2	1741.5	1685.7	1639.5	1625.8	1579.6	1568.7
35°	2020.4	1883.0	1767.3	1674.8	1597.3	1511.6	1465.3	1434.0	1406.8	1375.5	1370.1
37.5°	1785.0	1661.2	1530.6	1449.0	1387.8	1314.3	1278.9	1257.1	1244.9	1221.8	1217.7
40°	1548.3	1424.5	1334.7	1253.1	1215.0	1175.5	1149.7	1140.1	1134.7	1126.5	1118.4
42.5°	1333.3	1224.5	1160.5	1106.1	1089.8	1070.7	1063.9	1069.4	1063.9	1061.2	1059.9
45°	1151.0	1068.0	1023.1	1006.8	1002.7	997.3	1002.7	1012.2	1013.6	1010.9	1010.9
47.5°	985.0	945.6	926.5	929.3	936.1	940.1	949.7	961.9	964.6	957.8	960.5
50°	876.2	853.1	849.0	859.9	874.8	880.3	891.2	900.7	899.3	896.6	893.9
52.5°	774.1	767.3	778.2	789.1	805.4	808.2	812.2	816.3	815.0	809.5	806.8
55°	688.4	693.9	703.4	707.5	719.7	718.4	719.7	719.7	714.3	711.6	707.5
57.5°	610.9	612.2	617.7	619.0	625.8	623.1	621.8	619.0	610.9	609.5	605.4
60°	532.0	529.3	541.5	532.0	537.4	532.0	530.6	523.8	515.6	514.3	511.6
62.5°	457.1	451.7	459.9	455.8	458.5	453.1	450.3	442.2	435.4	434.0	432.7
65°	390.5	387.8	395.9	394.6	397.3	390.5	387.8	382.3	376.9	375.5	374.1
67.5°	334.7	341.5	345.6	345.6	348.3	346.9	340.1	338.8	337.4	332.0	332.0
70°	293.9	298.0	306.1	307.5	306.1	308.8	303.4	302.0	300.7	298.0	296.6
72.5°	261.2	266.7	274.8	276.2	274.8	274.8	272.1	270.7	270.7	266.7	266.7
75°	235.4	242.2	249.0	249.0	249.0	246.3	243.5	243.5	240.8	239.5	236.7
77.5°	213.6	221.8	227.2	225.9	224.5	221.8	221.8	217.7	213.6	213.6	210.9
80°	197.3	202.7	206.8	205.4	204.1	200.0	198.6	194.6	191.8	187.8	187.8
82.5°	179.6	186.4	189.1	187.8	185.0	181.0	179.6	176.9	174.1	172.8	170.1
85°	164.6	171.4	172.8	170.1	167.3	164.6	163.3	161.9	160.5	157.8	157.8
87.5°	149.7	156.5	156.5	155.1	152.4	151.0	149.7	148.3	146.9	145.6	144.2
90°	137.4	142.9	142.9	141.5	140.1	138.8	137.4	136.1	134.7	133.3	133.3
92.5°	125.2	130.6	130.6	129.3	127.9	126.5	126.5	125.2	123.8	122.4	121.1
95°	114.3	119.7	119.7	119.7	118.4	117.0	117.0	115.6	114.3	114.3	112.9
97.5°	103.4	108.8	108.8	108.8	107.5	106.1	106.1	104.8	104.8	104.8	103.4
100°	93.9	98.0	99.3	99.3	98.0	98.0	98.0	96.6	96.6	96.6	95.2
102.5°	84.4	88.4	91.2	91.2	91.2	89.8	89.8	89.8	89.8	89.8	88.4
105°	76.2	80.3	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
107.5°	69.4	73.5	76.2	77.6	78.9	78.9	80.3	80.3	80.3	80.3	80.3
110°	62.6	66.7	70.7	72.1	73.5	74.8	74.8	76.2	74.8	74.8	74.8



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	55.8	61.2	63.9	66.7	68.0	69.4	70.7	70.7	70.7	70.7	70.7
115°	50.3	55.8	58.5	61.2	63.9	65.3	65.3	66.7	66.7	66.7	65.3
117.5°	44.9	50.3	53.1	55.8	57.1	59.9	61.2	61.2	61.2	61.2	59.9
120°	40.8	44.9	47.6	50.3	53.1	54.4	55.8	55.8	55.8	55.8	55.8
122.5°	35.4	39.5	43.5	46.3	47.6	49.0	50.3	50.3	50.3	50.3	50.3
125°	31.3	35.4	38.1	40.8	42.2	44.9	44.9	44.9	44.9	44.9	44.9
127.5°	27.2	31.3	34.0	36.7	38.1	39.5	40.8	40.8	40.8	40.8	40.8
130°	23.1	27.2	29.9	32.7	34.0	35.4	35.4	36.7	36.7	36.7	36.7
132.5°	20.4	23.1	25.9	28.6	29.9	31.3	31.3	32.7	32.7	32.7	32.7
135°	16.3	20.4	21.8	24.5	25.9	27.2	27.2	28.6	28.6	28.6	28.6
137.5°	13.6	16.3	19.0	21.8	23.1	23.1	24.5	24.5	25.9	25.9	25.9
140°	10.9	12.2	16.3	17.7	19.0	20.4	21.8	21.8	21.8	21.8	21.8
142.5°	8.2	10.9	12.2	15.0	16.3	17.7	19.0	19.0	19.0	19.0	19.0
145°	6.8	8.2	9.5	12.2	13.6	15.0	16.3	16.3	16.3	16.3	16.3
147.5°	5.4	6.8	8.2	9.5	10.9	12.2	13.6	13.6	13.6	13.6	13.6
150°	4.1	5.4	6.8	6.8	8.2	9.5	10.9	12.2	12.2	12.2	12.2
152.5°	4.1	4.1	5.4	5.4	6.8	8.2	9.5	9.5	9.5	9.5	9.5
155°	2.7	4.1	4.1	4.1	5.4	5.4	6.8	8.2	8.2	8.2	8.2
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: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2634.0	2639.5	2636.7	2632.7	2631.3	2638.1	2631.3	2600.0	2612.2	2613.6	2623.1
5°	2629.9	2634.0	2631.3	2628.6	2624.5	2632.7	2624.5	2591.8	2604.1	2605.4	2615.0
7.5°	2657.1	2658.5	2658.5	2651.7	2640.8	2644.9	2634.0	2597.3	2604.1	2604.1	2610.9
10°	2725.2	2727.9	2732.0	2714.3	2700.7	2689.8	2674.8	2629.9	2628.6	2617.7	2617.7
12.5°	2813.6	2806.8	2800.0	2791.8	2780.9	2767.3	2745.6	2692.5	2674.8	2657.1	2639.5
15°	2839.5	2836.7	2835.4	2831.3	2824.5	2820.4	2804.1	2751.0	2725.2	2703.4	2672.1
17.5°	2771.4	2776.9	2794.6	2795.9	2804.1	2820.4	2817.7	2780.9	2757.8	2748.3	2710.2
20°	2649.0	2650.3	2672.1	2681.6	2717.0	2744.2	2764.6	2760.5	2755.1	2766.0	2737.4
22.5°	2502.0	2511.6	2534.7	2549.7	2583.7	2615.0	2647.6	2665.3	2693.9	2738.8	2733.3
25°	2302.0	2314.3	2346.9	2371.4	2419.0	2466.7	2510.2	2541.5	2575.5	2661.2	2689.8
27.5°	2062.6	2081.6	2123.8	2148.3	2215.0	2263.9	2326.5	2387.8	2435.4	2533.3	2591.8
30°	1810.9	1827.2	1872.1	1906.1	1963.3	2029.9	2108.8	2195.9	2274.8	2374.1	2447.6
32.5°	1575.5	1593.2	1629.9	1659.9	1723.8	1779.6	1866.7	1974.1	2047.6	2185.0	2283.0
35°	1370.1	1386.4	1412.2	1438.1	1491.2	1548.3	1623.1	1727.9	1821.8	1964.6	2088.4
37.5°	1225.8	1228.6	1243.5	1258.5	1298.0	1341.5	1400.0	1492.5	1579.6	1733.3	1869.4
40°	1122.4	1122.4	1130.6	1134.7	1152.4	1178.2	1215.0	1287.1	1359.2	1476.2	1642.2
42.5°	1058.5	1055.8	1055.8	1057.1	1055.8	1068.0	1089.8	1123.8	1187.8	1284.4	1413.6
45°	1010.9	1005.4	1001.4	991.8	986.4	986.4	987.8	1000.0	1036.7	1099.3	1204.1
47.5°	957.8	956.5	949.7	938.8	929.3	922.4	911.6	907.5	918.4	953.7	1024.5
50°	896.6	889.8	883.0	874.8	863.9	857.1	836.7	838.1	828.6	844.9	881.6
52.5°	806.8	801.4	798.6	791.8	787.8	785.0	768.7	752.4	748.3	751.0	764.6
55°	707.5	710.2	699.3	704.8	703.4	691.2	684.4	672.1	668.0	666.7	673.5
57.5°	604.1	606.8	600.0	605.4	605.4	598.6	594.6	594.6	585.0	576.9	586.4
60°	510.2	504.8	508.8	515.6	515.6	511.6	508.8	508.8	502.0	499.3	506.1
62.5°	434.0	428.6	432.7	439.5	440.8	438.1	435.4	435.4	427.2	427.2	432.7
65°	375.5	376.9	375.5	381.0	381.0	382.3	379.6	376.9	367.3	371.4	370.1
67.5°	333.3	332.0	332.0	337.4	336.1	338.8	336.1	332.0	325.2	319.7	318.4
70°	298.0	296.6	296.6	299.3	300.7	300.7	299.3	296.6	287.1	281.6	277.6
72.5°	266.7	265.3	266.7	268.0	269.4	270.7	269.4	266.7	258.5	251.7	244.9
75°	238.1	236.7	240.8	240.8	242.2	242.2	243.5	242.2	235.4	227.2	219.0
77.5°	209.5	210.9	215.0	216.3	219.0	220.4	221.8	221.8	215.0	208.2	197.3
80°	186.4	189.1	191.8	193.2	195.9	200.0	201.4	202.7	197.3	190.5	178.2
82.5°	170.1	171.4	174.1	175.5	179.6	181.0	182.3	185.0	182.3	175.5	161.9
85°	156.5	157.8	160.5	160.5	163.3	166.0	167.3	168.7	167.3	160.5	146.9
87.5°	144.2	145.6	146.9	148.3	149.7	151.0	152.4	153.7	152.4	145.6	133.3
90°	133.3	133.3	134.7	134.7	136.1	137.4	140.1	140.1	138.8	133.3	121.1
92.5°	121.1	122.4	122.4	123.8	125.2	126.5	127.9	127.9	126.5	121.1	110.2
95°	112.9	112.9	114.3	114.3	115.6	115.6	117.0	117.0	115.6	110.2	99.3
97.5°	103.4	103.4	103.4	103.4	104.8	104.8	106.1	106.1	104.8	99.3	89.8
100°	95.2	95.2	95.2	95.2	95.2	96.6	96.6	96.6	95.2	89.8	80.3
102.5°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	85.7	81.6	72.1
105°	84.4	84.4	84.4	83.0	83.0	83.0	81.6	81.6	77.6	73.5	65.3
107.5°	78.9	78.9	78.9	77.6	77.6	76.2	74.8	74.8	70.7	66.7	58.5
110°	74.8	74.8	74.8	73.5	72.1	70.7	69.4	68.0	63.9	58.5	51.7



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	70.7	70.7	69.4	69.4	68.0	66.7	63.9	62.6	58.5	53.1	46.3
115°	65.3	65.3	65.3	63.9	62.6	61.2	59.9	57.1	53.1	47.6	40.8
117.5°	59.9	59.9	59.9	58.5	57.1	55.8	54.4	51.7	47.6	42.2	36.7
120°	54.4	54.4	54.4	53.1	51.7	50.3	49.0	46.3	42.2	38.1	31.3
122.5°	50.3	50.3	49.0	47.6	46.3	44.9	43.5	40.8	38.1	32.7	27.2
125°	44.9	44.9	43.5	43.5	42.2	40.8	39.5	36.7	32.7	28.6	24.5
127.5°	40.8	39.5	39.5	39.5	38.1	36.7	34.0	32.7	28.6	24.5	20.4
130°	35.4	35.4	35.4	34.0	34.0	32.7	29.9	27.2	24.5	21.8	17.7
132.5°	31.3	31.3	31.3	31.3	29.9	28.6	25.9	24.5	21.8	17.7	15.0
135°	28.6	28.6	27.2	27.2	25.9	24.5	23.1	20.4	17.7	15.0	12.2
137.5°	24.5	24.5	24.5	23.1	23.1	21.8	19.0	17.7	16.3	13.6	10.9
140°	21.8	21.8	20.4	20.4	19.0	19.0	17.7	15.0	13.6	10.9	9.5
142.5°	19.0	19.0	17.7	17.7	16.3	16.3	15.0	13.6	10.9	9.5	6.8
145°	16.3	16.3	15.0	15.0	15.0	13.6	12.2	10.9	9.5	8.2	6.8
147.5°	13.6	13.6	13.6	12.2	12.2	10.9	10.9	9.5	8.2	6.8	5.4
150°	12.2	12.2	10.9	10.9	10.9	9.5	8.2	8.2	6.8	5.4	4.1
152.5°	9.5	9.5	9.5	9.5	8.2	8.2	6.8	6.8	5.4	4.1	4.1
155°	8.2	8.2	8.2	6.8	6.8	6.8	5.4	5.4	4.1	4.1	2.7
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: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0	2634.0
2.5°	2619.0	2617.7	2629.9	2628.6	2612.2	2636.7	2653.1
5°	2612.2	2610.9	2621.8	2624.5	2606.8	2632.7	2650.3
7.5°	2606.8	2605.4	2617.7	2621.8	2604.1	2627.2	2646.3
10°	2608.2	2601.4	2612.2	2615.0	2598.6	2623.1	2639.5
12.5°	2617.7	2601.4	2605.4	2605.4	2590.5	2612.2	2629.9
15°	2640.8	2606.8	2601.4	2597.3	2578.2	2598.6	2616.3
17.5°	2666.7	2620.4	2601.4	2587.8	2564.6	2582.3	2601.4
20°	2692.5	2635.4	2604.1	2582.3	2551.0	2567.3	2580.9
22.5°	2704.8	2649.0	2606.8	2574.1	2534.7	2542.9	2557.8
25°	2688.4	2643.5	2601.4	2561.9	2514.3	2515.6	2527.9
27.5°	2628.6	2616.3	2589.1	2549.7	2498.0	2491.2	2500.7
30°	2526.5	2560.5	2561.9	2533.3	2478.9	2465.3	2469.4
32.5°	2383.7	2459.9	2504.8	2499.3	2451.7	2432.7	2435.4
35°	2219.0	2314.3	2412.2	2444.9	2410.9	2395.9	2390.5
37.5°	2021.8	2149.7	2280.3	2360.5	2355.1	2345.6	2340.1
40°	1804.1	1957.8	2112.9	2240.8	2280.3	2280.3	2283.0
42.5°	1571.4	1751.0	1921.1	2083.0	2175.5	2195.9	2204.1
45°	1346.9	1527.9	1712.9	1899.3	2023.1	2087.1	2110.2
47.5°	1142.9	1325.2	1500.7	1704.8	1869.4	1952.4	1989.1
50°	968.7	1104.8	1289.8	1492.5	1672.1	1774.1	1846.3
52.5°	824.5	930.6	1092.5	1281.6	1462.6	1602.7	1669.4
55°	703.4	775.5	912.9	1076.2	1249.0	1394.6	1472.1
57.5°	601.4	658.5	752.4	888.4	1034.0	1178.2	1261.2
60°	511.6	551.0	615.0	722.4	846.3	970.1	1050.3
62.5°	434.0	459.9	502.0	581.0	677.6	774.1	849.0
65°	374.1	385.0	408.2	457.1	530.6	604.1	668.0
67.5°	315.6	322.4	340.1	370.1	406.8	459.9	502.0
70°	272.1	272.1	273.5	291.2	310.2	344.2	374.1
72.5°	236.7	232.7	224.5	228.6	232.7	251.7	270.7
75°	208.2	198.6	185.0	179.6	176.9	179.6	190.5
77.5°	183.7	170.1	153.7	140.1	129.3	125.2	134.7
80°	163.3	146.9	127.9	110.2	92.5	83.0	87.1
82.5°	146.9	126.5	106.1	85.7	65.3	51.7	51.7
85°	129.3	110.2	88.4	66.7	46.3	28.6	25.9
87.5°	117.0	96.6	73.5	53.1	32.7	15.0	8.2
90°	104.8	84.4	62.6	42.2	23.1	6.8	0.0
92.5°	93.9	74.8	54.4	34.0	16.3	4.1	0.0
95°	84.4	66.7	46.3	28.6	13.6	2.7	1.4
97.5°	74.8	58.5	40.8	23.1	9.5	2.7	1.4
100°	68.0	51.7	35.4	19.0	8.2	1.4	1.4
102.5°	59.9	46.3	29.9	16.3	6.8	1.4	1.4
105°	53.1	40.8	25.9	13.6	5.4	1.4	1.4
107.5°	47.6	35.4	23.1	12.2	5.4	1.4	1.4
110°	42.2	31.3	20.4	10.9	4.1	1.4	1.4



TEST NUMBER: P290232

CATALOG NUMBER: 8SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	38.1	27.2	17.7	9.5	2.7	1.4	1.4
115°	32.7	24.5	15.0	8.2	2.7	1.4	1.4
117.5°	28.6	20.4	13.6	6.8	2.7	1.4	1.4
120°	24.5	17.7	10.9	5.4	1.4	1.4	1.4
122.5°	21.8	15.0	9.5	5.4	1.4	1.4	1.4
125°	19.0	13.6	8.2	4.1	1.4	1.4	1.4
127.5°	16.3	10.9	6.8	2.7	1.4	1.4	1.4
130°	13.6	9.5	5.4	2.7	1.4	1.4	1.4
132.5°	10.9	8.2	5.4	2.7	1.4	1.4	1.4
135°	9.5	6.8	4.1	2.7	1.4	1.4	1.4
137.5°	8.2	5.4	2.7	2.7	2.7	1.4	1.4
140°	6.8	4.1	2.7	2.7	2.7	2.7	1.4
142.5°	5.4	4.1	2.7	2.7	2.7	2.7	1.4
145°	4.1	2.7	2.7	2.7	2.7	2.7	1.4
147.5°	4.1	2.7	2.7	2.7	2.7	2.7	1.4
150°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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)