

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: P290257

Luminaire Tested: **8SSRK-LC-12-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: P290257
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-12-L835-CD1-U
Description: 12000 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: 11898.0 lumens
Efficiency: N/A
Efficacy: 147.1 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

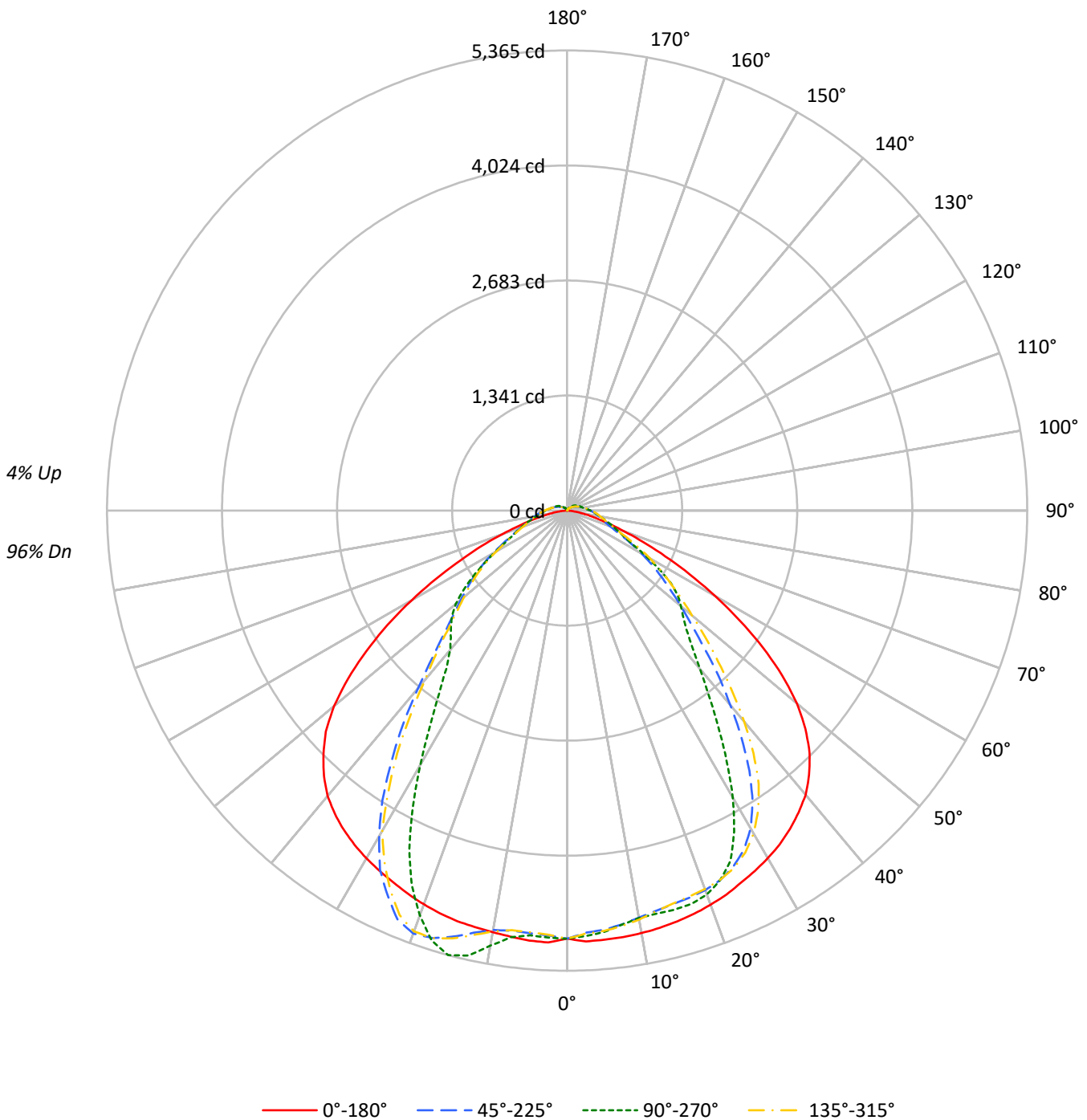
Input Watts (W): 80.8951
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	161164	161164	161164	161164
5°	162488	118417	162821	119346
10°	163387	92743	163051	99038
15°	164809	77747	164722	86565
20°	166788	66662	166611	70269
25°	169017	56037	168929	54146
30°	172392	43539	172488	38573
35°	175988	31818	176490	26925
40°	179215	23273	179961	20505
45°	178869	17966	179790	17494
50°	171485	15091	173887	14754
55°	152496	12368	156301	11243
60°	124057	8610	130645	7896
65°	92581	5964	99742	5655
70°	63306	4629	71370	4425
75°	41779	3715	48644	3514
80°	27441	3036	32148	2794
85°	14663	2596	19271	2371



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	474.1	4.0
10°-20°	1410.5	11.9
20°-30°	2144.4	18.0
30°-40°	2300.5	19.3
40°-50°	1996.6	16.8
50°-60°	1479.6	12.4
60°-70°	847.8	7.1
70°-80°	469.5	3.9
80°-90°	285.9	2.4
90°-100°	185.9	1.6
100°-110°	124.5	1.0
110°-120°	84.1	0.7
120°-130°	51.6	0.4
130°-140°	27.1	0.2
140°-150°	12.4	0.1
150°-160°	3.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	4029.1	33.9
0°-40°	6329.5	53.2
0°-60°	9805.7	82.4
0°-90°	11408.8	95.9
90°-120°	394.5	3.3
90°-150°	485.6	4.1
90°-180°	489.0	4.1
0°-180°	11898.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4991	4991	4991	4991	4991	
5°	5022	4932	5032	4970	5022	479
15°	4957	4818	4955	5365	4957	1403
25°	4790	4506	4787	4354	4790	2214
35°	4530	3068	4542	2596	4530	2835
45°	3998	1967	4019	1915	3998	3061
55°	2789	1475	2859	1340	2789	2474
65°	1266	748	1364	709	1266	1276
75°	361	474	420	449	361	412
85°	49	327	64	299	49	64
90°	0	273	5	253	0	2
95°	3	224	0	214	3	2
105°	3	168	3	160	3	3
115°	3	137	3	124	3	3
125°	3	103	3	85	3	2
135°	3	64	3	54	3	2
145°	3	39	5	31	3	2
155°	5	18	5	16	5	2
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	5027.0	5014.1	5009.0	4998.6	5006.4	5037.3	5016.7	4983.2	4985.8	4926.5	4957.4
5°	5021.9	5006.4	4998.6	4988.3	4993.5	5021.9	5001.2	4967.7	4965.1	4905.8	4934.2
7.5°	5014.1	4998.6	4985.8	4978.0	4980.6	5003.8	4978.0	4939.4	4931.6	4867.2	4893.0
10°	5001.2	4990.9	4972.9	4960.0	4957.4	4983.2	4941.9	4903.3	4885.2	4818.2	4844.0
12.5°	4983.2	4967.7	4949.7	4926.5	4923.9	4939.4	4905.8	4851.7	4833.7	4779.5	4807.9
15°	4957.4	4939.4	4918.7	4893.0	4880.1	4890.4	4849.1	4800.1	4797.6	4751.2	4789.8
17.5°	4929.0	4903.3	4880.1	4844.0	4825.9	4833.7	4800.1	4756.3	4761.5	4733.1	4776.9
20°	4890.4	4862.0	4825.9	4789.8	4764.1	4776.9	4753.7	4720.2	4728.0	4707.3	4746.0
22.5°	4846.5	4807.9	4764.1	4722.8	4702.2	4720.2	4702.2	4673.8	4676.4	4663.5	4686.7
25°	4789.8	4746.0	4694.5	4642.9	4632.6	4645.5	4635.2	4612.0	4601.6	4581.0	4591.3
27.5°	4738.3	4689.3	4624.8	4570.7	4552.7	4578.4	4555.2	4516.6	4488.2	4459.9	4439.2
30°	4679.0	4619.7	4547.5	4485.6	4470.2	4480.5	4447.0	4387.7	4312.9	4276.8	4220.1
32.5°	4614.5	4537.2	4447.0	4377.4	4367.1	4359.3	4297.4	4212.4	4096.4	4024.2	3936.5
35°	4529.5	4444.4	4336.1	4251.0	4235.6	4191.7	4091.2	3977.8	3828.3	3704.5	3555.0
37.5°	4434.1	4333.5	4220.1	4106.7	4062.9	3975.2	3833.4	3714.8	3488.0	3338.4	3158.0
40°	4325.8	4204.6	4065.4	3928.8	3856.6	3714.8	3552.4	3377.1	3158.0	2956.9	2804.8
42.5°	4176.3	4047.4	3882.4	3730.3	3606.6	3418.4	3227.6	2980.1	2779.0	2608.9	2454.2
45°	3998.4	3843.7	3653.0	3469.9	3312.7	3088.4	2864.1	2616.6	2449.1	2250.6	2144.9
47.5°	3769.0	3601.4	3397.7	3194.1	2987.8	2740.4	2505.8	2268.6	2101.0	1959.2	1881.9
50°	3498.3	3343.6	3119.3	2877.0	2650.1	2392.3	2157.7	1979.9	1817.5	1729.8	1670.5
52.5°	3163.1	3018.8	2789.3	2526.4	2307.3	2054.6	1840.7	1696.3	1580.3	1515.8	1495.2
55°	2789.3	2663.0	2436.2	2191.3	1967.0	1735.0	1572.6	1446.2	1371.5	1332.8	1335.4
57.5°	2389.8	2291.8	2077.8	1858.7	1647.3	1472.0	1325.1	1224.5	1167.8	1165.2	1173.0
60°	1990.2	1918.0	1732.4	1544.2	1358.6	1216.8	1108.5	1038.9	1002.8	1005.4	1002.8
62.5°	1608.6	1541.6	1407.6	1252.9	1105.9	1010.6	912.6	884.2	853.3	850.7	850.7
65°	1265.8	1214.2	1105.9	995.1	884.2	822.4	773.4	739.9	716.7	711.5	714.1
67.5°	951.3	930.6	855.9	781.1	711.5	672.8	631.6	623.9	605.8	605.8	611.0
70°	708.9	693.5	652.2	608.4	580.0	554.3	533.6	533.6	531.1	528.5	541.4
72.5°	513.0	515.6	502.7	469.2	466.6	461.5	456.3	464.0	466.6	474.3	489.8
75°	360.9	368.6	368.6	363.5	373.8	386.7	394.4	407.3	422.8	433.1	451.1
77.5°	255.2	255.2	268.1	283.6	304.2	327.4	348.0	366.1	386.7	399.6	415.1
80°	165.0	172.7	193.3	221.7	250.1	281.0	309.4	332.6	353.2	373.8	384.1
82.5°	98.0	110.9	136.6	172.7	208.8	247.5	275.8	304.2	327.4	348.0	355.8
85°	49.0	67.0	98.0	136.6	175.3	216.5	252.6	278.4	304.2	322.2	332.6
87.5°	15.5	36.1	69.6	105.7	146.9	188.2	226.9	255.2	278.4	293.9	304.2
90°	0.0	18.0	49.0	87.7	126.3	167.6	203.7	234.6	257.8	270.7	278.4
92.5°	0.0	10.3	38.7	72.2	108.3	149.5	185.6	214.0	234.6	247.5	252.6
95°	2.6	7.7	28.4	59.3	95.4	134.1	167.6	193.3	214.0	226.9	229.4
97.5°	2.6	5.2	23.2	49.0	82.5	118.6	152.1	177.9	193.3	206.2	208.8
100°	2.6	5.2	18.0	43.8	72.2	105.7	136.6	159.8	177.9	188.2	190.8
102.5°	2.6	2.6	15.5	36.1	64.4	92.8	121.2	144.4	159.8	170.1	175.3
105°	2.6	2.6	12.9	30.9	56.7	82.5	108.3	131.5	144.4	154.7	159.8
107.5°	2.6	2.6	10.3	25.8	49.0	72.2	98.0	116.0	131.5	141.8	146.9
110°	2.6	2.6	7.7	23.2	41.2	64.4	85.1	103.1	118.6	128.9	134.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.6	2.6	7.7	20.6	36.1	56.7	74.8	92.8	105.7	116.0	123.7
115°	2.6	2.6	7.7	18.0	33.5	49.0	67.0	82.5	95.4	105.7	113.4
117.5°	2.6	2.6	7.7	15.5	28.4	43.8	59.3	74.8	85.1	95.4	103.1
120°	2.6	2.6	5.2	12.9	25.8	38.7	51.6	64.4	77.3	87.7	95.4
122.5°	2.6	2.6	5.2	12.9	20.6	33.5	46.4	56.7	69.6	77.3	85.1
125°	2.6	2.6	5.2	10.3	18.0	30.9	41.2	51.6	59.3	69.6	77.3
127.5°	2.6	2.6	5.2	10.3	15.5	25.8	36.1	46.4	54.1	61.9	67.0
130°	2.6	2.6	5.2	7.7	12.9	20.6	30.9	38.7	49.0	54.1	59.3
132.5°	2.6	2.6	2.6	7.7	10.3	15.5	23.2	33.5	41.2	49.0	51.6
135°	2.6	2.6	2.6	5.2	10.3	12.9	18.0	25.8	33.5	41.2	46.4
137.5°	2.6	2.6	2.6	5.2	7.7	12.9	15.5	20.6	28.4	33.5	41.2
140°	2.6	2.6	2.6	5.2	7.7	10.3	12.9	18.0	23.2	28.4	33.5
142.5°	2.6	2.6	2.6	5.2	5.2	7.7	10.3	15.5	18.0	23.2	28.4
145°	2.6	2.6	2.6	5.2	5.2	7.7	10.3	12.9	15.5	18.0	23.2
147.5°	2.6	2.6	2.6	5.2	5.2	5.2	7.7	10.3	12.9	15.5	18.0
150°	5.2	5.2	5.2	5.2	5.2	5.2	7.7	7.7	10.3	12.9	15.5
152.5°	5.2	5.2	5.2	5.2	5.2	5.2	7.7	7.7	7.7	10.3	12.9
155°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	7.7	7.7	10.3	10.3
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	4947.1	4952.2	4983.2	4980.6	4975.4	4970.3	4970.3	4965.1	4970.3	4983.2	4978.0
5°	4921.3	4929.0	4952.2	4949.7	4944.5	4941.9	4939.4	4931.6	4936.8	4954.8	4949.7
7.5°	4874.9	4882.6	4903.3	4893.0	4885.2	4890.4	4877.5	4869.8	4880.1	4898.1	4895.5
10°	4825.9	4831.1	4856.9	4851.7	4838.8	4841.4	4828.5	4823.3	4836.2	4846.5	4849.1
12.5°	4792.4	4810.5	4833.7	4831.1	4828.5	4831.1	4818.2	4813.0	4820.8	4831.1	4828.5
15°	4784.7	4807.9	4833.7	4833.7	4836.2	4838.8	4825.9	4818.2	4825.9	4833.7	4831.1
17.5°	4776.9	4805.3	4828.5	4825.9	4828.5	4833.7	4813.0	4807.9	4818.2	4828.5	4823.3
20°	4751.2	4776.9	4792.4	4787.3	4787.3	4789.8	4764.1	4764.1	4779.5	4787.3	4789.8
22.5°	4679.0	4709.9	4709.9	4697.0	4697.0	4686.7	4679.0	4663.5	4681.6	4694.5	4704.8
25°	4570.7	4583.6	4568.1	4539.8	4524.3	4511.4	4475.3	4506.3	4506.3	4544.9	4557.8
27.5°	4418.6	4390.3	4346.4	4287.1	4274.2	4233.0	4209.8	4217.5	4230.4	4284.6	4325.8
30°	4168.5	4083.5	4008.7	3982.9	3926.2	3885.0	3843.7	3864.3	3887.6	3918.5	4003.6
32.5°	3838.6	3756.1	3634.9	3591.1	3531.8	3480.2	3431.3	3462.2	3503.4	3524.1	3616.9
35°	3459.6	3361.6	3250.8	3176.0	3114.2	3085.8	3023.9	3067.8	3111.6	3127.1	3207.0
37.5°	3057.5	2956.9	2858.9	2794.5	2735.2	2717.2	2675.9	2706.8	2740.4	2763.6	2830.6
40°	2675.9	2583.1	2508.3	2464.5	2423.3	2407.8	2392.3	2405.2	2431.0	2449.1	2500.6
42.5°	2348.5	2273.8	2222.2	2196.4	2168.1	2147.4	2150.0	2155.2	2168.1	2206.7	2229.9
45°	2062.4	2018.5	1985.0	1979.9	1961.8	1959.2	1956.7	1967.0	1974.7	1997.9	2016.0
47.5°	1832.9	1814.9	1807.1	1817.5	1825.2	1814.9	1820.0	1832.9	1848.4	1848.4	1845.8
50°	1652.5	1657.6	1667.9	1691.1	1706.6	1711.8	1716.9	1732.4	1735.0	1740.1	1732.4
52.5°	1505.5	1510.7	1539.0	1575.1	1593.2	1600.9	1611.2	1626.7	1626.7	1631.8	1621.5
55°	1356.0	1363.7	1392.1	1428.2	1443.7	1454.0	1464.3	1474.6	1482.3	1492.6	1484.9
57.5°	1191.0	1214.2	1232.3	1242.6	1252.9	1260.6	1268.4	1270.9	1286.4	1289.0	1301.9
60°	1015.7	1020.9	1038.9	1036.3	1028.6	1049.2	1038.9	1057.0	1075.0	1098.2	1100.8
62.5°	848.1	850.7	863.6	858.5	868.8	866.2	873.9	873.9	886.8	897.1	910.0
65°	716.7	719.2	729.6	729.6	727.0	734.7	742.5	747.6	747.6	755.3	765.7
67.5°	618.7	626.4	636.8	641.9	647.1	647.1	654.8	657.4	662.5	665.1	670.3
70°	551.7	562.0	572.3	577.5	580.0	585.2	587.8	587.8	592.9	595.5	600.7
72.5°	502.7	513.0	520.7	520.7	525.9	528.5	528.5	531.1	533.6	538.8	543.9
75°	461.5	469.2	474.3	471.8	471.8	471.8	474.3	474.3	479.5	484.7	489.8
77.5°	422.8	430.5	430.5	425.4	425.4	425.4	425.4	427.9	430.5	435.7	440.8
80°	394.4	394.4	391.8	391.8	386.7	384.1	384.1	386.7	386.7	391.8	399.6
82.5°	363.5	363.5	360.9	358.3	355.8	353.2	353.2	355.8	358.3	360.9	366.1
85°	335.1	335.1	330.0	330.0	327.4	327.4	327.4	327.4	330.0	332.6	337.7
87.5°	306.8	304.2	301.6	299.0	299.0	299.0	299.0	299.0	301.6	306.8	309.4
90°	278.4	275.8	273.3	273.3	270.7	270.7	273.3	273.3	275.8	278.4	281.0
92.5°	252.6	250.1	247.5	247.5	244.9	244.9	247.5	244.9	250.1	250.1	252.6
95°	229.4	226.9	224.3	224.3	224.3	224.3	224.3	224.3	226.9	226.9	229.4
97.5°	208.8	206.2	203.7	203.7	206.2	203.7	206.2	206.2	206.2	208.8	211.4
100°	190.8	188.2	188.2	190.8	188.2	188.2	190.8	190.8	190.8	190.8	193.3
102.5°	175.3	175.3	175.3	175.3	175.3	175.3	177.9	177.9	177.9	177.9	180.5
105°	159.8	162.4	162.4	162.4	165.0	165.0	165.0	167.6	167.6	167.6	167.6
107.5°	149.5	152.1	152.1	154.7	154.7	157.3	157.3	157.3	157.3	159.8	159.8
110°	139.2	141.8	144.4	146.9	146.9	149.5	149.5	149.5	149.5	149.5	149.5



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	128.9	131.5	134.1	139.2	141.8	141.8	141.8	141.8	144.4	144.4	141.8
115°	118.6	123.7	126.3	131.5	134.1	134.1	136.6	136.6	136.6	136.6	134.1
117.5°	108.3	116.0	118.6	123.7	126.3	126.3	128.9	128.9	128.9	128.9	126.3
120°	100.5	105.7	110.9	113.4	116.0	118.6	118.6	121.2	121.2	121.2	118.6
122.5°	92.8	98.0	103.1	105.7	108.3	110.9	110.9	110.9	110.9	110.9	110.9
125°	82.5	87.7	92.8	95.4	98.0	100.5	100.5	103.1	103.1	103.1	100.5
127.5°	74.8	79.9	82.5	87.7	90.2	90.2	92.8	92.8	92.8	92.8	90.2
130°	64.4	69.6	74.8	77.3	79.9	79.9	82.5	82.5	82.5	82.5	82.5
132.5°	56.7	61.9	64.4	69.6	69.6	72.2	72.2	74.8	74.8	74.8	72.2
135°	51.6	54.1	56.7	61.9	61.9	64.4	64.4	64.4	64.4	64.4	64.4
137.5°	46.4	49.0	51.6	54.1	54.1	56.7	56.7	56.7	56.7	59.3	56.7
140°	38.7	43.8	46.4	46.4	49.0	49.0	49.0	51.6	51.6	51.6	49.0
142.5°	33.5	36.1	38.7	41.2	43.8	43.8	43.8	43.8	46.4	43.8	43.8
145°	25.8	30.9	33.5	36.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
147.5°	20.6	23.2	28.4	30.9	30.9	33.5	33.5	33.5	33.5	33.5	33.5
150°	18.0	18.0	23.2	25.8	28.4	28.4	28.4	28.4	28.4	28.4	28.4
152.5°	12.9	15.5	18.0	20.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2
155°	12.9	12.9	15.5	15.5	18.0	18.0	18.0	18.0	20.6	18.0	18.0
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: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	4970.3	4967.7	4978.0	4967.7	4916.2	4936.8	4929.0	4957.4	4960.0	4967.7	4993.5
5°	4944.5	4944.5	4957.4	4947.1	4898.1	4918.7	4916.2	4944.5	4949.7	4954.8	4983.2
7.5°	4893.0	4895.5	4913.6	4905.8	4854.3	4885.2	4882.6	4916.2	4926.5	4936.8	4962.6
10°	4844.0	4841.4	4862.0	4854.3	4805.3	4841.4	4838.8	4872.3	4887.8	4905.8	4936.8
12.5°	4818.2	4810.5	4818.2	4810.5	4756.3	4784.7	4787.3	4825.9	4844.0	4867.2	4903.3
15°	4818.2	4805.3	4805.3	4789.8	4728.0	4746.0	4748.6	4774.4	4797.6	4820.8	4864.6
17.5°	4813.0	4800.1	4797.6	4784.7	4717.7	4717.7	4715.1	4733.1	4746.0	4769.2	4815.6
20°	4784.7	4779.5	4776.9	4769.2	4707.3	4697.0	4691.9	4691.9	4699.6	4707.3	4753.7
22.5°	4709.9	4715.1	4720.2	4725.4	4676.4	4658.4	4660.9	4655.8	4648.0	4648.0	4686.7
25°	4570.7	4596.5	4617.1	4640.3	4612.0	4599.1	4614.5	4606.8	4593.9	4583.6	4617.1
27.5°	4349.0	4403.1	4447.0	4503.7	4506.3	4495.9	4537.2	4532.0	4529.5	4514.0	4539.8
30°	4042.2	4127.3	4186.6	4269.1	4338.7	4349.0	4418.6	4428.9	4439.2	4431.5	4457.3
32.5°	3671.0	3787.0	3887.6	4016.4	4083.5	4142.8	4240.7	4282.0	4323.2	4336.1	4364.5
35°	3266.3	3397.7	3516.3	3658.1	3763.8	3892.7	4011.3	4073.2	4166.0	4202.1	4243.3
37.5°	2882.2	3005.9	3121.9	3263.7	3433.8	3567.9	3714.8	3854.0	3980.4	4031.9	4093.8
40°	2541.9	2642.4	2753.3	2877.0	3031.7	3207.0	3366.8	3560.2	3709.7	3812.8	3903.0
42.5°	2284.1	2333.0	2428.4	2539.3	2663.0	2840.9	3003.3	3219.9	3400.3	3547.3	3696.8
45°	2054.6	2077.8	2147.4	2206.7	2333.0	2490.3	2663.0	2874.4	3062.6	3250.8	3431.3
47.5°	1858.7	1887.1	1920.6	1956.7	2046.9	2178.4	2327.9	2518.7	2706.8	2926.0	3132.2
50°	1727.2	1735.0	1740.1	1755.6	1809.7	1900.0	2021.1	2183.5	2364.0	2598.6	2817.7
52.5°	1611.2	1611.2	1595.8	1588.0	1608.6	1665.4	1735.0	1851.0	2036.6	2253.1	2485.1
55°	1487.5	1464.3	1459.1	1433.3	1438.5	1464.3	1497.8	1588.0	1740.1	1925.7	2150.0
57.5°	1314.8	1304.4	1304.4	1294.1	1273.5	1286.4	1294.1	1358.6	1466.9	1626.7	1822.6
60°	1116.3	1111.1	1124.0	1126.6	1108.5	1116.3	1113.7	1152.3	1229.7	1358.6	1521.0
62.5°	917.8	941.0	943.5	953.8	943.5	941.0	953.8	987.4	1026.0	1124.0	1250.3
65°	770.8	783.7	786.3	799.2	794.0	794.0	804.3	830.1	853.3	920.3	1018.3
67.5°	675.4	670.3	672.8	680.6	672.8	670.3	678.0	693.5	711.5	752.8	822.4
70°	600.7	595.5	595.5	595.5	585.2	577.5	580.0	585.2	592.9	616.1	660.0
72.5°	543.9	543.9	536.2	528.5	520.7	515.6	510.4	505.3	502.7	510.4	533.6
75°	492.4	495.0	492.4	484.7	474.3	464.0	453.7	443.4	430.5	425.4	427.9
77.5°	446.0	448.6	451.1	448.6	438.3	425.4	409.9	394.4	376.4	358.3	348.0
80°	404.7	409.9	412.5	409.9	402.2	391.8	373.8	355.8	330.0	306.8	281.0
82.5°	368.6	376.4	379.0	379.0	373.8	363.5	342.9	322.2	293.9	263.0	229.4
85°	340.3	345.4	350.6	350.6	348.0	337.7	317.1	293.9	265.5	229.4	193.3
87.5°	311.9	314.5	319.7	324.8	319.7	309.4	291.3	265.5	237.2	201.1	159.8
90°	283.6	286.2	291.3	296.5	293.9	283.6	268.1	244.9	214.0	175.3	134.1
92.5°	255.2	260.4	263.0	265.5	268.1	260.4	247.5	224.3	193.3	154.7	116.0
95°	234.6	234.6	239.7	242.3	244.9	237.2	226.9	203.7	175.3	139.2	100.5
97.5°	214.0	214.0	219.1	219.1	221.7	216.5	206.2	185.6	157.3	123.7	85.1
100°	193.3	195.9	198.5	201.1	201.1	198.5	188.2	167.6	141.8	110.9	74.8
102.5°	180.5	180.5	183.0	183.0	185.6	180.5	170.1	152.1	126.3	98.0	64.4
105°	167.6	167.6	170.1	170.1	167.6	162.4	152.1	136.6	113.4	85.1	56.7
107.5°	157.3	157.3	157.3	157.3	154.7	149.5	139.2	121.2	100.5	77.3	51.6
110°	149.5	146.9	146.9	144.4	141.8	134.1	123.7	108.3	90.2	67.0	43.8



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	141.8	139.2	136.6	134.1	128.9	121.2	110.9	98.0	79.9	59.3	38.7
115°	134.1	131.5	128.9	123.7	118.6	110.9	100.5	87.7	69.6	51.6	33.5
117.5°	126.3	123.7	118.6	113.4	108.3	100.5	90.2	77.3	61.9	46.4	30.9
120°	116.0	113.4	110.9	105.7	100.5	90.2	79.9	69.6	54.1	41.2	25.8
122.5°	108.3	105.7	100.5	98.0	90.2	82.5	72.2	61.9	49.0	36.1	23.2
125°	98.0	95.4	92.8	87.7	82.5	72.2	64.4	54.1	43.8	30.9	18.0
127.5°	90.2	87.7	82.5	77.3	72.2	64.4	56.7	49.0	38.7	25.8	18.0
130°	79.9	77.3	74.8	69.6	64.4	56.7	51.6	41.2	33.5	23.2	15.5
132.5°	69.6	69.6	67.0	61.9	56.7	51.6	43.8	36.1	28.4	20.6	12.9
135°	64.4	61.9	59.3	54.1	51.6	43.8	38.7	30.9	23.2	18.0	10.3
137.5°	56.7	54.1	51.6	49.0	43.8	38.7	33.5	25.8	20.6	15.5	10.3
140°	49.0	46.4	46.4	41.2	38.7	33.5	28.4	23.2	18.0	12.9	7.7
142.5°	43.8	41.2	38.7	36.1	33.5	28.4	23.2	18.0	15.5	10.3	7.7
145°	38.7	36.1	33.5	30.9	28.4	23.2	20.6	15.5	12.9	10.3	7.7
147.5°	30.9	30.9	28.4	25.8	23.2	20.6	18.0	15.5	10.3	7.7	5.2
150°	25.8	25.8	23.2	20.6	20.6	18.0	15.5	12.9	10.3	7.7	5.2
152.5°	23.2	20.6	20.6	18.0	18.0	15.5	12.9	10.3	7.7	7.7	5.2
155°	18.0	18.0	18.0	15.5	15.5	12.9	10.3	10.3	7.7	5.2	5.2
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: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	4998.6	4967.7	4993.5	5039.9	5034.7	5029.6	5024.4	5034.7	5068.3	5050.2	5021.9
5°	4990.9	4960.0	4988.3	5032.2	5029.6	5021.9	5016.7	5027.0	5060.5	5042.5	5011.5
7.5°	4975.4	4947.1	4967.7	5011.5	5011.5	5006.4	5001.2	5011.5	5042.5	5027.0	4996.1
10°	4949.7	4929.0	4949.7	4990.9	4993.5	4983.2	4978.0	4990.9	5021.9	5014.1	4988.3
12.5°	4929.0	4908.4	4931.6	4972.9	4975.4	4965.1	4957.4	4972.9	5014.1	5019.3	5011.5
15°	4900.7	4882.6	4911.0	4954.8	4954.8	4947.1	4947.1	4967.7	5024.4	5047.6	5060.5
17.5°	4859.4	4846.5	4880.1	4923.9	4926.5	4921.3	4923.9	4965.1	5039.9	5096.6	5132.7
20°	4807.9	4802.7	4838.8	4885.2	4893.0	4895.5	4908.4	4970.3	5073.4	5150.7	5186.8
22.5°	4746.0	4748.6	4789.8	4838.8	4849.1	4856.9	4882.6	4970.3	5099.2	5181.7	5197.2
25°	4676.4	4684.1	4728.0	4787.3	4800.1	4815.6	4859.4	4972.9	5106.9	5161.1	5135.3
27.5°	4601.6	4617.1	4673.8	4735.7	4751.2	4776.9	4833.7	4957.4	5070.8	5073.4	4978.0
30°	4524.3	4542.4	4609.4	4681.6	4707.3	4733.1	4802.7	4921.3	4983.2	4900.7	4733.1
32.5°	4436.7	4462.4	4529.5	4617.1	4648.0	4681.6	4751.2	4851.7	4828.5	4650.6	4410.9
35°	4325.8	4361.9	4439.2	4542.4	4570.7	4614.5	4663.5	4686.7	4583.6	4331.0	4060.3
37.5°	4189.2	4243.3	4333.5	4452.1	4483.1	4511.4	4524.3	4459.9	4253.6	3980.4	3699.4
40°	4031.9	4114.4	4212.4	4343.8	4374.8	4374.8	4328.4	4191.7	3931.4	3573.0	3261.1
42.5°	3841.1	3941.7	4065.4	4196.9	4227.8	4191.7	4080.9	3841.1	3544.7	3145.1	2815.1
45°	3609.1	3743.2	3882.4	4019.0	4034.5	3954.6	3756.1	3451.9	3085.8	2714.6	2400.1
47.5°	3333.3	3508.6	3660.7	3815.4	3794.7	3660.7	3395.2	3049.7	2663.0	2312.4	2059.8
50°	3023.9	3230.2	3400.3	3547.3	3503.4	3317.8	3005.9	2645.0	2260.9	1961.8	1753.0
52.5°	2694.0	2931.1	3101.3	3219.9	3160.6	2938.9	2596.0	2250.6	1936.0	1662.8	1523.6
55°	2351.1	2590.8	2766.1	2858.9	2781.6	2541.9	2204.1	1889.6	1593.2	1415.3	1332.8
57.5°	2018.5	2242.8	2407.8	2482.6	2384.6	2144.9	1832.9	1567.4	1353.4	1203.9	1162.7
60°	1698.9	1881.9	2039.2	2095.9	1990.2	1768.5	1500.4	1289.0	1131.7	1028.6	1008.0
62.5°	1402.4	1551.9	1675.7	1719.5	1616.4	1443.7	1211.6	1054.4	943.5	892.0	866.2
65°	1157.5	1245.2	1371.5	1363.7	1301.9	1142.0	971.9	861.0	788.9	755.3	739.9
67.5°	910.0	989.9	1069.9	1080.2	1002.8	892.0	781.1	701.2	662.5	644.5	636.8
70°	703.8	763.1	812.1	799.2	757.9	688.3	618.7	574.9	559.4	551.7	551.7
72.5°	546.5	577.5	600.7	585.2	559.4	523.3	489.8	471.8	474.3	479.5	484.7
75°	422.8	430.5	435.7	420.2	415.1	391.8	389.3	391.8	407.3	422.8	430.5
77.5°	324.8	314.5	306.8	291.3	293.9	291.3	304.2	324.8	348.0	371.2	391.8
80°	250.1	226.9	208.8	193.3	201.1	214.0	239.7	270.7	301.6	327.4	353.2
82.5°	193.3	159.8	134.1	118.6	134.1	154.7	188.2	226.9	263.0	291.3	319.7
85°	149.5	110.9	79.9	64.4	79.9	110.9	146.9	190.8	229.4	260.4	288.7
87.5°	116.0	79.9	43.8	25.8	43.8	77.3	118.6	159.8	198.5	234.6	263.0
90°	92.8	54.1	20.6	5.2	23.2	54.1	92.8	134.1	172.7	211.4	239.7
92.5°	74.8	38.7	10.3	0.0	12.9	41.2	77.3	116.0	154.7	190.8	219.1
95°	61.9	30.9	7.7	0.0	10.3	30.9	61.9	100.5	136.6	172.7	195.9
97.5°	51.6	23.2	5.2	0.0	5.2	25.8	51.6	85.1	121.2	154.7	177.9
100°	43.8	20.6	5.2	0.0	5.2	20.6	43.8	74.8	105.7	136.6	159.8
102.5°	36.1	15.5	2.6	2.6	2.6	15.5	38.7	64.4	92.8	121.2	144.4
105°	33.5	12.9	2.6	2.6	2.6	12.9	33.5	56.7	82.5	108.3	128.9
107.5°	28.4	10.3	2.6	2.6	2.6	10.3	28.4	49.0	74.8	98.0	116.0
110°	23.2	10.3	2.6	2.6	2.6	10.3	23.2	43.8	64.4	85.1	103.1



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	20.6	7.7	2.6	2.6	2.6	7.7	20.6	38.7	56.7	77.3	92.8
115°	18.0	7.7	2.6	2.6	2.6	7.7	18.0	33.5	49.0	67.0	82.5
117.5°	15.5	7.7	2.6	2.6	2.6	5.2	15.5	28.4	43.8	59.3	74.8
120°	12.9	5.2	2.6	2.6	2.6	5.2	12.9	25.8	38.7	51.6	64.4
122.5°	12.9	5.2	2.6	2.6	2.6	5.2	10.3	20.6	33.5	43.8	56.7
125°	10.3	5.2	2.6	2.6	2.6	2.6	10.3	18.0	28.4	38.7	49.0
127.5°	10.3	5.2	2.6	2.6	2.6	2.6	7.7	15.5	23.2	33.5	43.8
130°	7.7	5.2	2.6	2.6	2.6	2.6	5.2	12.9	20.6	28.4	36.1
132.5°	7.7	5.2	2.6	2.6	2.6	2.6	5.2	10.3	15.5	23.2	30.9
135°	7.7	2.6	2.6	2.6	2.6	2.6	2.6	7.7	12.9	18.0	23.2
137.5°	5.2	2.6	2.6	2.6	2.6	2.6	2.6	5.2	10.3	12.9	20.6
140°	5.2	2.6	2.6	2.6	2.6	2.6	2.6	5.2	7.7	10.3	15.5
142.5°	5.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.2	7.7	12.9
145°	5.2	2.6	2.6	5.2	5.2	2.6	2.6	5.2	5.2	7.7	10.3
147.5°	5.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.2	5.2	7.7
150°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	7.7
152.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
155°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
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: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	5016.7	4957.4	4988.3	4978.0	4988.3	5014.1	5011.5	5003.8	5009.0	4996.1	4983.2
5°	5006.4	4947.1	4978.0	4965.1	4978.0	5003.8	4998.6	4990.9	4998.6	4983.2	4970.3
7.5°	4993.5	4939.4	4975.4	4972.9	4996.1	5029.6	5032.2	5032.2	5050.2	5027.0	5016.7
10°	4993.5	4965.1	5014.1	5032.2	5091.5	5135.3	5140.4	5150.7	5181.7	5176.5	5150.7
12.5°	5047.6	5042.5	5114.7	5158.5	5212.6	5274.5	5308.0	5318.3	5338.9	5323.5	5313.2
15°	5117.2	5143.0	5222.9	5271.9	5331.2	5377.6	5385.3	5390.5	5406.0	5382.8	5364.7
17.5°	5210.0	5225.5	5290.0	5310.6	5349.3	5357.0	5346.7	5320.9	5320.9	5269.3	5253.9
20°	5253.9	5246.1	5271.9	5238.4	5222.9	5176.5	5132.7	5083.7	5081.1	5027.0	5021.9
22.5°	5215.2	5163.6	5109.5	5027.0	4990.9	4923.9	4864.6	4836.2	4818.2	4748.6	4730.5
25°	5078.6	4952.2	4872.3	4774.4	4686.7	4609.4	4552.7	4493.4	4436.7	4379.9	4354.2
27.5°	4841.4	4722.8	4593.9	4457.3	4336.1	4217.5	4122.1	4062.9	4008.7	3934.0	3895.3
30°	4550.1	4385.1	4243.3	4111.8	3913.3	3769.0	3689.0	3570.5	3529.2	3495.7	3423.5
32.5°	4207.2	4008.7	3815.4	3637.5	3433.8	3299.8	3194.1	3106.4	3080.7	2993.0	2972.4
35°	3828.3	3567.9	3348.8	3173.5	3026.5	2864.1	2776.5	2717.2	2665.6	2606.3	2596.0
37.5°	3382.3	3147.7	2900.2	2745.5	2629.5	2490.3	2423.3	2382.0	2358.8	2315.0	2307.3
40°	2933.7	2699.1	2529.0	2374.3	2302.1	2227.4	2178.4	2160.3	2150.0	2134.5	2119.1
42.5°	2526.4	2320.2	2199.0	2095.9	2064.9	2028.8	2016.0	2026.3	2016.0	2010.8	2008.2
45°	2180.9	2023.7	1938.6	1907.7	1900.0	1889.6	1900.0	1918.0	1920.6	1915.4	1915.4
47.5°	1866.4	1791.7	1755.6	1760.7	1773.6	1781.4	1799.4	1822.6	1827.8	1814.9	1820.0
50°	1660.2	1616.4	1608.6	1629.3	1657.6	1667.9	1688.6	1706.6	1704.0	1698.9	1693.7
52.5°	1466.9	1454.0	1474.6	1495.2	1526.1	1531.3	1539.0	1546.8	1544.2	1533.9	1528.7
55°	1304.4	1314.8	1332.8	1340.5	1363.7	1361.2	1363.7	1363.7	1353.4	1348.3	1340.5
57.5°	1157.5	1160.1	1170.4	1173.0	1185.9	1180.7	1178.1	1173.0	1157.5	1154.9	1147.2
60°	1008.0	1002.8	1026.0	1008.0	1018.3	1008.0	1005.4	992.5	977.0	974.5	969.3
62.5°	866.2	855.9	871.3	863.6	868.8	858.5	853.3	837.8	824.9	822.4	819.8
65°	739.9	734.7	750.2	747.6	752.8	739.9	734.7	724.4	714.1	711.5	708.9
67.5°	634.2	647.1	654.8	654.8	660.0	657.4	644.5	641.9	639.3	629.0	629.0
70°	556.8	564.6	580.0	582.6	580.0	585.2	574.9	572.3	569.7	564.6	562.0
72.5°	495.0	505.3	520.7	523.3	520.7	520.7	515.6	513.0	513.0	505.3	505.3
75°	446.0	458.9	471.8	471.8	471.8	466.6	461.5	461.5	456.3	453.7	448.6
77.5°	404.7	420.2	430.5	427.9	425.4	420.2	420.2	412.5	404.7	404.7	399.6
80°	373.8	384.1	391.8	389.3	386.7	379.0	376.4	368.6	363.5	355.8	355.8
82.5°	340.3	353.2	358.3	355.8	350.6	342.9	340.3	335.1	330.0	327.4	322.2
85°	311.9	324.8	327.4	322.2	317.1	311.9	309.4	306.8	304.2	299.0	299.0
87.5°	283.6	296.5	296.5	293.9	288.7	286.2	283.6	281.0	278.4	275.8	273.3
90°	260.4	270.7	270.7	268.1	265.5	263.0	260.4	257.8	255.2	252.6	252.6
92.5°	237.2	247.5	247.5	244.9	242.3	239.7	239.7	237.2	234.6	232.0	229.4
95°	216.5	226.9	226.9	226.9	224.3	221.7	221.7	219.1	216.5	216.5	214.0
97.5°	195.9	206.2	206.2	206.2	203.7	201.1	201.1	198.5	198.5	198.5	195.9
100°	177.9	185.6	188.2	188.2	185.6	185.6	185.6	183.0	183.0	183.0	180.5
102.5°	159.8	167.6	172.7	172.7	172.7	170.1	170.1	170.1	170.1	170.1	167.6
105°	144.4	152.1	157.3	159.8	159.8	159.8	159.8	159.8	159.8	159.8	159.8
107.5°	131.5	139.2	144.4	146.9	149.5	149.5	152.1	152.1	152.1	152.1	152.1
110°	118.6	126.3	134.1	136.6	139.2	141.8	141.8	144.4	141.8	141.8	141.8



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	105.7	116.0	121.2	126.3	128.9	131.5	134.1	134.1	134.1	134.1	134.1
115°	95.4	105.7	110.9	116.0	121.2	123.7	123.7	126.3	126.3	126.3	123.7
117.5°	85.1	95.4	100.5	105.7	108.3	113.4	116.0	116.0	116.0	116.0	113.4
120°	77.3	85.1	90.2	95.4	100.5	103.1	105.7	105.7	105.7	105.7	105.7
122.5°	67.0	74.8	82.5	87.7	90.2	92.8	95.4	95.4	95.4	95.4	95.4
125°	59.3	67.0	72.2	77.3	79.9	85.1	85.1	85.1	85.1	85.1	85.1
127.5°	51.6	59.3	64.4	69.6	72.2	74.8	77.3	77.3	77.3	77.3	77.3
130°	43.8	51.6	56.7	61.9	64.4	67.0	67.0	69.6	69.6	69.6	69.6
132.5°	38.7	43.8	49.0	54.1	56.7	59.3	59.3	61.9	61.9	61.9	61.9
135°	30.9	38.7	41.2	46.4	49.0	51.6	51.6	54.1	54.1	54.1	54.1
137.5°	25.8	30.9	36.1	41.2	43.8	43.8	46.4	46.4	49.0	49.0	49.0
140°	20.6	23.2	30.9	33.5	36.1	38.7	41.2	41.2	41.2	41.2	41.2
142.5°	15.5	20.6	23.2	28.4	30.9	33.5	36.1	36.1	36.1	36.1	36.1
145°	12.9	15.5	18.0	23.2	25.8	28.4	30.9	30.9	30.9	30.9	30.9
147.5°	10.3	12.9	15.5	18.0	20.6	23.2	25.8	25.8	25.8	25.8	25.8
150°	7.7	10.3	12.9	12.9	15.5	18.0	20.6	23.2	23.2	23.2	23.2
152.5°	7.7	7.7	10.3	10.3	12.9	15.5	18.0	18.0	18.0	18.0	18.0
155°	5.2	7.7	7.7	7.7	10.3	10.3	12.9	15.5	15.5	15.5	15.5
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: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	4990.9	5001.2	4996.1	4988.3	4985.8	4998.6	4985.8	4926.5	4949.7	4952.2	4970.3
5°	4983.2	4990.9	4985.8	4980.6	4972.9	4988.3	4972.9	4911.0	4934.2	4936.8	4954.8
7.5°	5034.7	5037.3	5037.3	5024.4	5003.8	5011.5	4990.9	4921.3	4934.2	4934.2	4947.1
10°	5163.6	5168.8	5176.5	5143.0	5117.2	5096.6	5068.3	4983.2	4980.6	4960.0	4960.0
12.5°	5331.2	5318.3	5305.4	5290.0	5269.3	5243.6	5202.3	5101.8	5068.3	5034.7	5001.2
15°	5380.2	5375.0	5372.5	5364.7	5351.8	5344.1	5313.2	5212.6	5163.6	5122.4	5063.1
17.5°	5251.3	5261.6	5295.1	5297.7	5313.2	5344.1	5338.9	5269.3	5225.5	5207.5	5135.3
20°	5019.3	5021.9	5063.1	5081.1	5148.2	5199.7	5238.4	5230.7	5220.4	5241.0	5186.8
22.5°	4740.9	4758.9	4802.7	4831.1	4895.5	4954.8	5016.7	5050.2	5104.3	5189.4	5179.1
25°	4361.9	4385.1	4447.0	4493.4	4583.6	4673.8	4756.3	4815.6	4880.1	5042.5	5096.6
27.5°	3908.2	3944.3	4024.2	4070.6	4196.9	4289.7	4408.3	4524.3	4614.5	4800.1	4911.0
30°	3431.3	3462.2	3547.3	3611.7	3720.0	3846.3	3995.8	4160.8	4310.3	4498.5	4637.7
32.5°	2985.3	3018.8	3088.4	3145.1	3266.3	3372.0	3537.0	3740.6	3879.8	4140.2	4325.8
35°	2596.0	2626.9	2675.9	2724.9	2825.4	2933.7	3075.5	3274.0	3451.9	3722.6	3957.2
37.5°	2322.7	2327.9	2356.2	2384.6	2459.4	2541.9	2652.7	2828.0	2993.0	3284.3	3542.1
40°	2126.8	2126.8	2142.3	2150.0	2183.5	2232.5	2302.1	2438.7	2575.4	2797.1	3111.6
42.5°	2005.6	2000.5	2000.5	2003.1	2000.5	2023.7	2064.9	2129.4	2250.6	2433.6	2678.5
45°	1915.4	1905.1	1897.4	1879.3	1869.0	1869.0	1871.6	1894.8	1964.4	2083.0	2281.5
47.5°	1814.9	1812.3	1799.4	1778.8	1760.7	1747.9	1727.2	1719.5	1740.1	1807.1	1941.2
50°	1698.9	1686.0	1673.1	1657.6	1637.0	1624.1	1585.4	1588.0	1570.0	1600.9	1670.5
52.5°	1528.7	1518.4	1513.3	1500.4	1492.6	1487.5	1456.5	1425.6	1417.9	1423.0	1448.8
55°	1340.5	1345.7	1325.1	1335.4	1332.8	1309.6	1296.7	1273.5	1265.8	1263.2	1276.1
57.5°	1144.6	1149.8	1136.9	1147.2	1147.2	1134.3	1126.6	1126.6	1108.5	1093.1	1111.1
60°	966.7	956.4	964.2	977.0	977.0	969.3	964.2	964.2	951.3	946.1	959.0
62.5°	822.4	812.1	819.8	832.7	835.3	830.1	824.9	824.9	809.5	809.5	819.8
65°	711.5	714.1	711.5	721.8	721.8	724.4	719.2	714.1	696.0	703.8	701.2
67.5°	631.6	629.0	629.0	639.3	636.8	641.9	636.8	629.0	616.1	605.8	603.2
70°	564.6	562.0	562.0	567.1	569.7	569.7	567.1	562.0	543.9	533.6	525.9
72.5°	505.3	502.7	505.3	507.9	510.4	513.0	510.4	505.3	489.8	476.9	464.0
75°	451.1	448.6	456.3	456.3	458.9	458.9	461.5	458.9	446.0	430.5	415.1
77.5°	397.0	399.6	407.3	409.9	415.1	417.6	420.2	420.2	407.3	394.4	373.8
80°	353.2	358.3	363.5	366.1	371.2	379.0	381.5	384.1	373.8	360.9	337.7
82.5°	322.2	324.8	330.0	332.6	340.3	342.9	345.4	350.6	345.4	332.6	306.8
85°	296.5	299.0	304.2	304.2	309.4	314.5	317.1	319.7	317.1	304.2	278.4
87.5°	273.3	275.8	278.4	281.0	283.6	286.2	288.7	291.3	288.7	275.8	252.6
90°	252.6	252.6	255.2	255.2	257.8	260.4	265.5	265.5	263.0	252.6	229.4
92.5°	229.4	232.0	232.0	234.6	237.2	239.7	242.3	242.3	239.7	229.4	208.8
95°	214.0	214.0	216.5	216.5	219.1	219.1	221.7	221.7	219.1	208.8	188.2
97.5°	195.9	195.9	195.9	195.9	198.5	198.5	201.1	201.1	198.5	188.2	170.1
100°	180.5	180.5	180.5	180.5	180.5	183.0	183.0	183.0	180.5	170.1	152.1
102.5°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6	162.4	154.7	136.6
105°	159.8	159.8	159.8	157.3	157.3	157.3	154.7	154.7	146.9	139.2	123.7
107.5°	149.5	149.5	149.5	146.9	146.9	144.4	141.8	141.8	134.1	126.3	110.9
110°	141.8	141.8	141.8	139.2	136.6	134.1	131.5	128.9	121.2	110.9	98.0



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	134.1	134.1	131.5	131.5	128.9	126.3	121.2	118.6	110.9	100.5	87.7
115°	123.7	123.7	123.7	121.2	118.6	116.0	113.4	108.3	100.5	90.2	77.3
117.5°	113.4	113.4	113.4	110.9	108.3	105.7	103.1	98.0	90.2	79.9	69.6
120°	103.1	103.1	103.1	100.5	98.0	95.4	92.8	87.7	79.9	72.2	59.3
122.5°	95.4	95.4	92.8	90.2	87.7	85.1	82.5	77.3	72.2	61.9	51.6
125°	85.1	85.1	82.5	82.5	79.9	77.3	74.8	69.6	61.9	54.1	46.4
127.5°	77.3	74.8	74.8	74.8	72.2	69.6	64.4	61.9	54.1	46.4	38.7
130°	67.0	67.0	67.0	64.4	64.4	61.9	56.7	51.6	46.4	41.2	33.5
132.5°	59.3	59.3	59.3	59.3	56.7	54.1	49.0	46.4	41.2	33.5	28.4
135°	54.1	54.1	51.6	51.6	49.0	46.4	43.8	38.7	33.5	28.4	23.2
137.5°	46.4	46.4	46.4	43.8	43.8	41.2	36.1	33.5	30.9	25.8	20.6
140°	41.2	41.2	38.7	38.7	36.1	36.1	33.5	28.4	25.8	20.6	18.0
142.5°	36.1	36.1	33.5	33.5	30.9	30.9	28.4	25.8	20.6	18.0	12.9
145°	30.9	30.9	28.4	28.4	28.4	25.8	23.2	20.6	18.0	15.5	12.9
147.5°	25.8	25.8	25.8	23.2	23.2	20.6	20.6	18.0	15.5	12.9	10.3
150°	23.2	23.2	20.6	20.6	20.6	18.0	15.5	15.5	12.9	10.3	7.7
152.5°	18.0	18.0	18.0	18.0	15.5	15.5	12.9	12.9	10.3	7.7	7.7
155°	15.5	15.5	15.5	12.9	12.9	12.9	10.3	10.3	7.7	7.7	5.2
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: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9	4990.9
2.5°	4962.6	4960.0	4983.2	4980.6	4949.7	4996.1	5027.0
5°	4949.7	4947.1	4967.7	4972.9	4939.4	4988.3	5021.9
7.5°	4939.4	4936.8	4960.0	4967.7	4934.2	4978.0	5014.1
10°	4941.9	4929.0	4949.7	4954.8	4923.9	4970.3	5001.2
12.5°	4960.0	4929.0	4936.8	4936.8	4908.4	4949.7	4983.2
15°	5003.8	4939.4	4929.0	4921.3	4885.2	4923.9	4957.4
17.5°	5052.8	4965.1	4929.0	4903.3	4859.4	4893.0	4929.0
20°	5101.8	4993.5	4934.2	4893.0	4833.7	4864.6	4890.4
22.5°	5125.0	5019.3	4939.4	4877.5	4802.7	4818.2	4846.5
25°	5094.0	5009.0	4929.0	4854.3	4764.1	4766.6	4789.8
27.5°	4980.6	4957.4	4905.8	4831.1	4733.1	4720.2	4738.3
30°	4787.3	4851.7	4854.3	4800.1	4697.0	4671.2	4679.0
32.5°	4516.6	4660.9	4746.0	4735.7	4645.5	4609.4	4614.5
35°	4204.6	4385.1	4570.7	4632.6	4568.1	4539.8	4529.5
37.5°	3830.8	4073.2	4320.6	4472.7	4462.4	4444.4	4434.1
40°	3418.4	3709.7	4003.6	4245.9	4320.6	4320.6	4325.8
42.5°	2977.5	3317.8	3640.1	3946.8	4122.1	4160.8	4176.3
45°	2552.2	2895.0	3245.6	3598.8	3833.4	3954.6	3998.4
47.5°	2165.5	2510.9	2843.5	3230.2	3542.1	3699.4	3769.0
50°	1835.5	2093.3	2443.9	2828.0	3168.3	3361.6	3498.3
52.5°	1562.2	1763.3	2070.1	2428.4	2771.3	3036.8	3163.1
55°	1332.8	1469.4	1729.8	2039.2	2366.6	2642.4	2789.3
57.5°	1139.5	1247.7	1425.6	1683.4	1959.2	2232.5	2389.8
60°	969.3	1044.1	1165.2	1368.9	1603.5	1838.1	1990.2
62.5°	822.4	871.3	951.3	1100.8	1283.8	1466.9	1608.6
65°	708.9	729.6	773.4	866.2	1005.4	1144.6	1265.8
67.5°	598.1	611.0	644.5	701.2	770.8	871.3	951.3
70°	515.6	515.6	518.2	551.7	587.8	652.2	708.9
72.5°	448.6	440.8	425.4	433.1	440.8	476.9	513.0
75°	394.4	376.4	350.6	340.3	335.1	340.3	360.9
77.5°	348.0	322.2	291.3	265.5	244.9	237.2	255.2
80°	309.4	278.4	242.3	208.8	175.3	157.3	165.0
82.5°	278.4	239.7	201.1	162.4	123.7	98.0	98.0
85°	244.9	208.8	167.6	126.3	87.7	54.1	49.0
87.5°	221.7	183.0	139.2	100.5	61.9	28.4	15.5
90°	198.5	159.8	118.6	79.9	43.8	12.9	0.0
92.5°	177.9	141.8	103.1	64.4	30.9	7.7	0.0
95°	159.8	126.3	87.7	54.1	25.8	5.2	2.6
97.5°	141.8	110.9	77.3	43.8	18.0	5.2	2.6
100°	128.9	98.0	67.0	36.1	15.5	2.6	2.6
102.5°	113.4	87.7	56.7	30.9	12.9	2.6	2.6
105°	100.5	77.3	49.0	25.8	10.3	2.6	2.6
107.5°	90.2	67.0	43.8	23.2	10.3	2.6	2.6
110°	79.9	59.3	38.7	20.6	7.7	2.6	2.6



TEST NUMBER: P290257

CATALOG NUMBER: 8SSRK-LC-12-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	72.2	51.6	33.5	18.0	5.2	2.6	2.6
115°	61.9	46.4	28.4	15.5	5.2	2.6	2.6
117.5°	54.1	38.7	25.8	12.9	5.2	2.6	2.6
120°	46.4	33.5	20.6	10.3	2.6	2.6	2.6
122.5°	41.2	28.4	18.0	10.3	2.6	2.6	2.6
125°	36.1	25.8	15.5	7.7	2.6	2.6	2.6
127.5°	30.9	20.6	12.9	5.2	2.6	2.6	2.6
130°	25.8	18.0	10.3	5.2	2.6	2.6	2.6
132.5°	20.6	15.5	10.3	5.2	2.6	2.6	2.6
135°	18.0	12.9	7.7	5.2	2.6	2.6	2.6
137.5°	15.5	10.3	5.2	5.2	5.2	2.6	2.6
140°	12.9	7.7	5.2	5.2	5.2	5.2	2.6
142.5°	10.3	7.7	5.2	5.2	5.2	5.2	2.6
145°	7.7	5.2	5.2	5.2	5.2	5.2	2.6
147.5°	7.7	5.2	5.2	5.2	5.2	5.2	2.6
150°	5.2	5.2	5.2	5.2	5.2	5.2	5.2
152.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2
155°	5.2	5.2	5.2	5.2	5.2	5.2	5.2
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)