

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: P290244

Luminaire Tested: **8SSRK-LC-10-L930-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: P290244
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-10-L930-CD1-U
Description: 10000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8479.0 lumens
Efficiency: N/A
Efficacy: 117.9 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

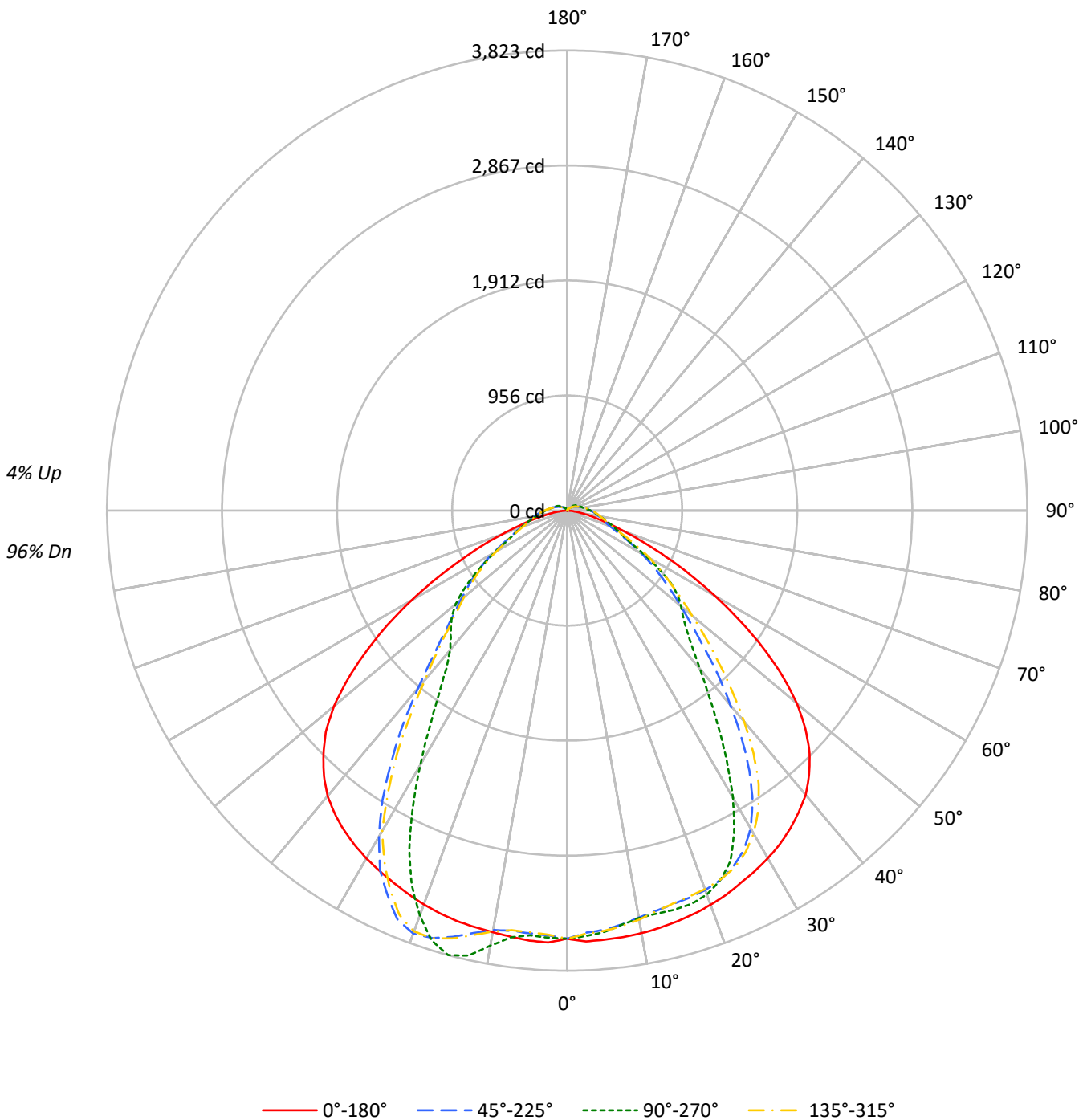
Input Watts (W): 71.9151
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	114851	114851	114851	114851
5°	115795	84390	116031	85050
10°	116438	66093	116196	70578
15°	117448	55405	117388	61690
20°	118860	47505	118734	50076
25°	120448	39933	120385	38585
30°	122852	31028	122922	27488
35°	125416	22674	125770	19188
40°	127714	16586	128249	14612
45°	127468	12802	128126	12467
50°	122206	10755	123917	10514
55°	108677	8813	111388	8012
60°	88408	6136	93102	5627
65°	65973	4250	71078	4030
70°	45116	3299	50858	3154
75°	29774	2648	34671	2504
80°	19558	2164	22917	1990
85°	10444	1850	13735	1690



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.8	4.0
10°-20°	1005.2	11.9
20°-30°	1528.2	18.0
30°-40°	1639.4	19.3
40°-50°	1422.8	16.8
50°-60°	1054.4	12.4
60°-70°	604.2	7.1
70°-80°	334.6	3.9
80°-90°	203.7	2.4
90°-100°	132.5	1.6
100°-110°	88.7	1.0
110°-120°	59.9	0.7
120°-130°	36.8	0.4
130°-140°	19.3	0.2
140°-150°	8.8	0.1
150°-160°	2.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2871.3	33.9
0°-40°	4510.6	53.2
0°-60°	6987.9	82.4
0°-90°	8130.4	95.9
90°-120°	281.1	3.3
90°-150°	346.0	4.1
90°-180°	349.0	4.1
0°-180°	8479.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3557	3557	3557	3557	3557	
5°	3579	3514	3586	3542	3579	341
15°	3533	3434	3531	3823	3533	1000
25°	3413	3211	3412	3103	3413	1578
35°	3228	2186	3237	1850	3228	2020
45°	2849	1402	2864	1365	2849	2182
55°	1988	1051	2037	955	1988	1763
65°	902	533	972	505	902	909
75°	257	338	300	320	257	294
85°	35	233	46	213	35	46
90°	0	195	4	180	0	2
95°	2	160	0	152	2	1
105°	2	119	2	114	2	2
115°	2	97	2	88	2	2
125°	2	74	2	61	2	2
135°	2	46	2	39	2	1
145°	2	28	4	22	2	1
155°	4	13	4	11	4	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°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3582.4	3573.2	3569.6	3562.2	3567.7	3589.8	3575.1	3551.2	3553.0	3510.8	3532.8
5°	3578.8	3567.7	3562.2	3554.9	3558.6	3578.8	3564.1	3540.2	3538.3	3496.1	3516.3
7.5°	3573.2	3562.2	3553.0	3547.5	3549.4	3565.9	3547.5	3520.0	3514.5	3468.5	3486.9
10°	3564.1	3556.7	3543.9	3534.7	3532.8	3551.2	3521.8	3494.3	3481.4	3433.6	3452.0
12.5°	3551.2	3540.2	3527.3	3510.8	3508.9	3520.0	3496.1	3457.5	3444.6	3406.1	3426.3
15°	3532.8	3520.0	3505.3	3486.9	3477.7	3485.1	3455.7	3420.8	3418.9	3385.9	3413.4
17.5°	3512.6	3494.3	3477.7	3452.0	3439.1	3444.6	3420.8	3389.5	3393.2	3373.0	3404.2
20°	3485.1	3464.9	3439.1	3413.4	3395.0	3404.2	3387.7	3363.8	3369.3	3354.6	3382.2
22.5°	3453.8	3426.3	3395.0	3365.6	3351.0	3363.8	3351.0	3330.7	3332.6	3323.4	3339.9
25°	3413.4	3382.2	3345.4	3308.7	3301.3	3310.5	3303.2	3286.7	3279.3	3264.6	3272.0
27.5°	3376.7	3341.8	3295.8	3257.3	3244.4	3262.8	3246.2	3218.7	3198.5	3178.3	3163.6
30°	3334.4	3292.2	3240.7	3196.6	3185.6	3193.0	3169.1	3126.8	3073.5	3047.8	3007.4
32.5°	3288.5	3233.4	3169.1	3119.5	3112.1	3106.6	3062.5	3001.9	2919.2	2867.8	2805.3
35°	3227.9	3167.2	3090.1	3029.5	3018.4	2987.2	2915.5	2834.7	2728.2	2640.0	2533.4
37.5°	3159.9	3088.2	3007.4	2926.6	2895.3	2832.9	2731.8	2647.3	2485.7	2379.1	2250.5
40°	3082.7	2996.4	2897.2	2799.8	2748.4	2647.3	2531.6	2406.7	2250.5	2107.2	1998.8
42.5°	2976.2	2884.3	2766.7	2658.3	2570.2	2436.1	2300.1	2123.7	1980.4	1859.2	1749.0
45°	2849.4	2739.2	2603.2	2472.8	2360.7	2200.9	2041.1	1864.7	1745.3	1603.8	1528.5
47.5°	2685.9	2566.5	2421.4	2276.2	2129.3	1952.9	1785.7	1616.7	1497.3	1396.2	1341.1
50°	2493.0	2382.8	2222.9	2050.3	1888.6	1704.9	1537.7	1410.9	1295.2	1232.7	1190.5
52.5°	2254.2	2151.3	1987.8	1800.4	1644.2	1464.2	1311.7	1208.8	1126.2	1080.2	1065.5
55°	1987.8	1897.8	1736.1	1561.6	1401.7	1236.4	1120.7	1030.6	977.4	949.8	951.6
57.5°	1703.0	1633.2	1480.7	1324.6	1173.9	1049.0	944.3	872.6	832.2	830.4	835.9
60°	1418.3	1366.8	1234.6	1100.4	968.2	867.1	790.0	740.4	714.6	716.5	714.6
62.5°	1146.4	1098.6	1003.1	892.9	788.1	720.2	650.3	630.1	608.1	606.3	606.3
65°	902.0	865.3	788.1	709.1	630.1	586.0	551.1	527.3	510.7	507.1	508.9
67.5°	677.9	663.2	609.9	556.7	507.1	479.5	450.1	444.6	431.7	431.7	435.4
70°	505.2	494.2	464.8	433.6	413.4	395.0	380.3	380.3	378.5	376.6	385.8
72.5°	365.6	367.4	358.2	334.4	332.5	328.8	325.2	330.7	332.5	338.0	349.1
75°	257.2	262.7	262.7	259.0	266.4	275.6	281.1	290.3	301.3	308.6	321.5
77.5°	181.9	181.9	191.1	202.1	216.8	233.3	248.0	260.9	275.6	284.8	295.8
80°	117.6	123.1	137.8	158.0	178.2	200.2	220.5	237.0	251.7	266.4	273.7
82.5°	69.8	79.0	97.4	123.1	148.8	176.4	196.6	216.8	233.3	248.0	253.5
85°	34.9	47.8	69.8	97.4	124.9	154.3	180.0	198.4	216.8	229.6	237.0
87.5°	11.0	25.7	49.6	75.3	104.7	134.1	161.7	181.9	198.4	209.4	216.8
90°	0.0	12.9	34.9	62.5	90.0	119.4	145.1	167.2	183.7	192.9	198.4
92.5°	0.0	7.3	27.6	51.4	77.2	106.6	132.3	152.5	167.2	176.4	180.0
95°	1.8	5.5	20.2	42.3	68.0	95.5	119.4	137.8	152.5	161.7	163.5
97.5°	1.8	3.7	16.5	34.9	58.8	84.5	108.4	126.8	137.8	147.0	148.8
100°	1.8	3.7	12.9	31.2	51.4	75.3	97.4	113.9	126.8	134.1	135.9
102.5°	1.8	1.8	11.0	25.7	45.9	66.1	86.3	102.9	113.9	121.3	124.9
105°	1.8	1.8	9.2	22.0	40.4	58.8	77.2	93.7	102.9	110.2	113.9
107.5°	1.8	1.8	7.3	18.4	34.9	51.4	69.8	82.7	93.7	101.0	104.7
110°	1.8	1.8	5.5	16.5	29.4	45.9	60.6	73.5	84.5	91.9	95.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.8	1.8	5.5	14.7	25.7	40.4	53.3	66.1	75.3	82.7	88.2
115°	1.8	1.8	5.5	12.9	23.9	34.9	47.8	58.8	68.0	75.3	80.8
117.5°	1.8	1.8	5.5	11.0	20.2	31.2	42.3	53.3	60.6	68.0	73.5
120°	1.8	1.8	3.7	9.2	18.4	27.6	36.7	45.9	55.1	62.5	68.0
122.5°	1.8	1.8	3.7	9.2	14.7	23.9	33.1	40.4	49.6	55.1	60.6
125°	1.8	1.8	3.7	7.3	12.9	22.0	29.4	36.7	42.3	49.6	55.1
127.5°	1.8	1.8	3.7	7.3	11.0	18.4	25.7	33.1	38.6	44.1	47.8
130°	1.8	1.8	3.7	5.5	9.2	14.7	22.0	27.6	34.9	38.6	42.3
132.5°	1.8	1.8	1.8	5.5	7.3	11.0	16.5	23.9	29.4	34.9	36.7
135°	1.8	1.8	1.8	3.7	7.3	9.2	12.9	18.4	23.9	29.4	33.1
137.5°	1.8	1.8	1.8	3.7	5.5	9.2	11.0	14.7	20.2	23.9	29.4
140°	1.8	1.8	1.8	3.7	5.5	7.3	9.2	12.9	16.5	20.2	23.9
142.5°	1.8	1.8	1.8	3.7	3.7	5.5	7.3	11.0	12.9	16.5	20.2
145°	1.8	1.8	1.8	3.7	3.7	5.5	7.3	9.2	11.0	12.9	16.5
147.5°	1.8	1.8	1.8	3.7	3.7	3.7	5.5	7.3	9.2	11.0	12.9
150°	3.7	3.7	3.7	3.7	3.7	3.7	5.5	5.5	7.3	9.2	11.0
152.5°	3.7	3.7	3.7	3.7	3.7	3.7	5.5	5.5	5.5	7.3	9.2
155°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.5	5.5	7.3	7.3
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°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3525.5	3529.2	3551.2	3549.4	3545.7	3542.0	3542.0	3538.3	3542.0	3551.2	3547.5
5°	3507.1	3512.6	3529.2	3527.3	3523.6	3521.8	3520.0	3514.5	3518.1	3531.0	3527.3
7.5°	3474.0	3479.6	3494.3	3486.9	3481.4	3485.1	3475.9	3470.4	3477.7	3490.6	3488.7
10°	3439.1	3442.8	3461.2	3457.5	3448.3	3450.2	3441.0	3437.3	3446.5	3453.8	3455.7
12.5°	3415.3	3428.1	3444.6	3442.8	3441.0	3442.8	3433.6	3429.9	3435.5	3442.8	3441.0
15°	3409.7	3426.3	3444.6	3444.6	3446.5	3448.3	3439.1	3433.6	3439.1	3444.6	3442.8
17.5°	3404.2	3424.4	3441.0	3439.1	3441.0	3444.6	3429.9	3426.3	3433.6	3441.0	3437.3
20°	3385.9	3404.2	3415.3	3411.6	3411.6	3413.4	3395.0	3395.0	3406.1	3411.6	3413.4
22.5°	3334.4	3356.5	3356.5	3347.3	3347.3	3339.9	3334.4	3323.4	3336.3	3345.4	3352.8
25°	3257.3	3266.4	3255.4	3235.2	3224.2	3215.0	3189.3	3211.3	3211.3	3238.9	3248.1
27.5°	3148.9	3128.7	3097.4	3055.2	3046.0	3016.6	3000.1	3005.6	3014.8	3053.3	3082.7
30°	2970.7	2910.0	2856.8	2838.4	2798.0	2768.6	2739.2	2753.9	2770.4	2792.5	2853.1
32.5°	2735.5	2676.7	2590.4	2559.1	2516.9	2480.1	2445.2	2467.3	2496.7	2511.4	2577.5
35°	2465.4	2395.6	2316.6	2263.4	2219.3	2199.1	2155.0	2186.2	2217.4	2228.5	2285.4
37.5°	2178.9	2107.2	2037.4	1991.5	1949.2	1936.4	1907.0	1929.0	1952.9	1969.4	2017.2
40°	1907.0	1840.8	1787.5	1756.3	1726.9	1715.9	1704.9	1714.1	1732.4	1745.3	1782.0
42.5°	1673.6	1620.4	1583.6	1565.2	1545.0	1530.3	1532.2	1535.9	1545.0	1572.6	1589.1
45°	1469.7	1438.5	1414.6	1410.9	1398.1	1396.2	1394.4	1401.7	1407.3	1423.8	1436.6
47.5°	1306.2	1293.4	1287.8	1295.2	1300.7	1293.4	1297.0	1306.2	1317.2	1317.2	1315.4
50°	1177.6	1181.3	1188.6	1205.2	1216.2	1219.9	1223.5	1234.6	1236.4	1240.1	1234.6
52.5°	1072.9	1076.6	1096.8	1122.5	1135.4	1140.9	1148.2	1159.2	1159.2	1162.9	1155.6
55°	966.3	971.8	992.1	1017.8	1028.8	1036.1	1043.5	1050.8	1056.4	1063.7	1058.2
57.5°	848.8	865.3	878.2	885.5	892.9	898.4	903.9	905.7	916.7	918.6	927.8
60°	723.8	727.5	740.4	738.5	733.0	747.7	740.4	753.2	766.1	782.6	784.5
62.5°	604.4	606.3	615.4	611.8	619.1	617.3	622.8	622.8	632.0	639.3	648.5
65°	510.7	512.6	519.9	519.9	518.1	523.6	529.1	532.8	532.8	538.3	545.6
67.5°	440.9	446.4	453.8	457.4	461.1	461.1	466.6	468.5	472.1	474.0	477.7
70°	393.1	400.5	407.8	411.5	413.4	417.0	418.9	418.9	422.5	424.4	428.1
72.5°	358.2	365.6	371.1	371.1	374.8	376.6	376.6	378.5	380.3	384.0	387.6
75°	328.8	334.4	338.0	336.2	336.2	336.2	338.0	338.0	341.7	345.4	349.1
77.5°	301.3	306.8	306.8	303.1	303.1	303.1	303.1	305.0	306.8	310.5	314.2
80°	281.1	281.1	279.2	279.2	275.6	273.7	273.7	275.6	275.6	279.2	284.8
82.5°	259.0	259.0	257.2	255.4	253.5	251.7	251.7	253.5	255.4	257.2	260.9
85°	238.8	238.8	235.2	235.2	233.3	233.3	233.3	233.3	235.2	237.0	240.7
87.5°	218.6	216.8	214.9	213.1	213.1	213.1	213.1	213.1	214.9	218.6	220.5
90°	198.4	196.6	194.7	194.7	192.9	192.9	194.7	194.7	196.6	198.4	200.2
92.5°	180.0	178.2	176.4	176.4	174.5	174.5	176.4	174.5	178.2	178.2	180.0
95°	163.5	161.7	159.8	159.8	159.8	159.8	159.8	159.8	161.7	161.7	163.5
97.5°	148.8	147.0	145.1	145.1	147.0	145.1	147.0	147.0	147.0	148.8	150.6
100°	135.9	134.1	134.1	135.9	134.1	134.1	135.9	135.9	135.9	135.9	137.8
102.5°	124.9	124.9	124.9	124.9	124.9	124.9	126.8	126.8	126.8	126.8	128.6
105°	113.9	115.7	115.7	115.7	117.6	117.6	117.6	119.4	119.4	119.4	119.4
107.5°	106.6	108.4	108.4	110.2	110.2	112.1	112.1	112.1	112.1	113.9	113.9
110°	99.2	101.0	102.9	104.7	104.7	106.6	106.6	106.6	106.6	106.6	106.6



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	91.9	93.7	95.5	99.2	101.0	101.0	101.0	101.0	102.9	102.9	101.0
115°	84.5	88.2	90.0	93.7	95.5	95.5	97.4	97.4	97.4	97.4	95.5
117.5°	77.2	82.7	84.5	88.2	90.0	90.0	91.9	91.9	91.9	91.9	90.0
120°	71.6	75.3	79.0	80.8	82.7	84.5	84.5	86.3	86.3	86.3	84.5
122.5°	66.1	69.8	73.5	75.3	77.2	79.0	79.0	79.0	79.0	79.0	79.0
125°	58.8	62.5	66.1	68.0	69.8	71.6	71.6	73.5	73.5	73.5	71.6
127.5°	53.3	57.0	58.8	62.5	64.3	64.3	66.1	66.1	66.1	66.1	64.3
130°	45.9	49.6	53.3	55.1	57.0	57.0	58.8	58.8	58.8	58.8	58.8
132.5°	40.4	44.1	45.9	49.6	49.6	51.4	51.4	53.3	53.3	53.3	51.4
135°	36.7	38.6	40.4	44.1	44.1	45.9	45.9	45.9	45.9	45.9	45.9
137.5°	33.1	34.9	36.7	38.6	38.6	40.4	40.4	40.4	40.4	42.3	40.4
140°	27.6	31.2	33.1	33.1	34.9	34.9	34.9	36.7	36.7	36.7	34.9
142.5°	23.9	25.7	27.6	29.4	31.2	31.2	31.2	31.2	33.1	31.2	31.2
145°	18.4	22.0	23.9	25.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6
147.5°	14.7	16.5	20.2	22.0	22.0	23.9	23.9	23.9	23.9	23.9	23.9
150°	12.9	12.9	16.5	18.4	20.2	20.2	20.2	20.2	20.2	20.2	20.2
152.5°	9.2	11.0	12.9	14.7	16.5	16.5	16.5	16.5	16.5	16.5	16.5
155°	9.2	9.2	11.0	11.0	12.9	12.9	12.9	12.9	14.7	12.9	12.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3542.0	3540.2	3547.5	3540.2	3503.4	3518.1	3512.6	3532.8	3534.7	3540.2	3558.6
5°	3523.6	3523.6	3532.8	3525.5	3490.6	3505.3	3503.4	3523.6	3527.3	3531.0	3551.2
7.5°	3486.9	3488.7	3501.6	3496.1	3459.3	3481.4	3479.6	3503.4	3510.8	3518.1	3536.5
10°	3452.0	3450.2	3464.9	3459.3	3424.4	3450.2	3448.3	3472.2	3483.2	3496.1	3518.1
12.5°	3433.6	3428.1	3433.6	3428.1	3389.5	3409.7	3411.6	3439.1	3452.0	3468.5	3494.3
15°	3433.6	3424.4	3424.4	3413.4	3369.3	3382.2	3384.0	3402.4	3418.9	3435.5	3466.7
17.5°	3429.9	3420.8	3418.9	3409.7	3362.0	3362.0	3360.1	3373.0	3382.2	3398.7	3431.8
20°	3409.7	3406.1	3404.2	3398.7	3354.6	3347.3	3343.6	3343.6	3349.1	3354.6	3387.7
22.5°	3356.5	3360.1	3363.8	3367.5	3332.6	3319.7	3321.6	3317.9	3312.4	3312.4	3339.9
25°	3257.3	3275.6	3290.3	3306.9	3286.7	3277.5	3288.5	3283.0	3273.8	3266.4	3290.3
27.5°	3099.3	3137.8	3169.1	3209.5	3211.3	3204.0	3233.4	3229.7	3227.9	3216.8	3235.2
30°	2880.6	2941.3	2983.5	3042.3	3091.9	3099.3	3148.9	3156.2	3163.6	3158.1	3176.4
32.5°	2616.1	2698.8	2770.4	2862.3	2910.0	2952.3	3022.1	3051.5	3080.9	3090.1	3110.3
35°	2327.7	2421.4	2505.9	2606.9	2682.2	2774.1	2858.6	2902.7	2968.8	2994.5	3023.9
37.5°	2053.9	2142.1	2224.8	2325.8	2447.1	2542.6	2647.3	2746.5	2836.6	2873.3	2917.4
40°	1811.4	1883.1	1962.1	2050.3	2160.5	2285.4	2399.3	2537.1	2643.7	2717.1	2781.4
42.5°	1627.7	1662.6	1730.6	1809.6	1897.8	2024.5	2140.3	2294.6	2423.2	2527.9	2634.5
45°	1464.2	1480.7	1530.3	1572.6	1662.6	1774.7	1897.8	2048.4	2182.5	2316.6	2445.2
47.5°	1324.6	1344.8	1368.7	1394.4	1458.7	1552.4	1658.9	1794.9	1929.0	2085.2	2232.1
50°	1230.9	1236.4	1240.1	1251.1	1289.7	1354.0	1440.3	1556.1	1684.7	1851.8	2008.0
52.5°	1148.2	1148.2	1137.2	1131.7	1146.4	1186.8	1236.4	1319.1	1451.3	1605.7	1771.0
55°	1060.0	1043.5	1039.8	1021.5	1025.1	1043.5	1067.4	1131.7	1240.1	1372.3	1532.2
57.5°	936.9	929.6	929.6	922.2	907.5	916.7	922.2	968.2	1045.3	1159.2	1298.9
60°	795.5	791.8	801.0	802.8	790.0	795.5	793.6	821.2	876.3	968.2	1083.9
62.5°	654.0	670.6	672.4	679.7	672.4	670.6	679.7	703.6	731.2	801.0	891.0
65°	549.3	558.5	560.3	569.5	565.8	565.8	573.2	591.6	608.1	655.9	725.7
67.5°	481.3	477.7	479.5	485.0	479.5	477.7	483.2	494.2	507.1	536.4	586.0
70°	428.1	424.4	424.4	424.4	417.0	411.5	413.4	417.0	422.5	439.1	470.3
72.5°	387.6	387.6	382.1	376.6	371.1	367.4	363.8	360.1	358.2	363.8	380.3
75°	350.9	352.7	350.9	345.4	338.0	330.7	323.3	316.0	306.8	303.1	305.0
77.5°	317.8	319.7	321.5	319.7	312.3	303.1	292.1	281.1	268.2	255.4	248.0
80°	288.4	292.1	293.9	292.1	286.6	279.2	266.4	253.5	235.2	218.6	200.2
82.5°	262.7	268.2	270.1	270.1	266.4	259.0	244.3	229.6	209.4	187.4	163.5
85°	242.5	246.2	249.9	249.9	248.0	240.7	226.0	209.4	189.2	163.5	137.8
87.5°	222.3	224.1	227.8	231.5	227.8	220.5	207.6	189.2	169.0	143.3	113.9
90°	202.1	203.9	207.6	211.3	209.4	202.1	191.1	174.5	152.5	124.9	95.5
92.5°	181.9	185.6	187.4	189.2	191.1	185.6	176.4	159.8	137.8	110.2	82.7
95°	167.2	167.2	170.9	172.7	174.5	169.0	161.7	145.1	124.9	99.2	71.6
97.5°	152.5	152.5	156.2	156.2	158.0	154.3	147.0	132.3	112.1	88.2	60.6
100°	137.8	139.6	141.5	143.3	143.3	141.5	134.1	119.4	101.0	79.0	53.3
102.5°	128.6	128.6	130.4	130.4	132.3	128.6	121.3	108.4	90.0	69.8	45.9
105°	119.4	119.4	121.3	121.3	119.4	115.7	108.4	97.4	80.8	60.6	40.4
107.5°	112.1	112.1	112.1	112.1	110.2	106.6	99.2	86.3	71.6	55.1	36.7
110°	106.6	104.7	104.7	102.9	101.0	95.5	88.2	77.2	64.3	47.8	31.2



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	101.0	99.2	97.4	95.5	91.9	86.3	79.0	69.8	57.0	42.3	27.6
115°	95.5	93.7	91.9	88.2	84.5	79.0	71.6	62.5	49.6	36.7	23.9
117.5°	90.0	88.2	84.5	80.8	77.2	71.6	64.3	55.1	44.1	33.1	22.0
120°	82.7	80.8	79.0	75.3	71.6	64.3	57.0	49.6	38.6	29.4	18.4
122.5°	77.2	75.3	71.6	69.8	64.3	58.8	51.4	44.1	34.9	25.7	16.5
125°	69.8	68.0	66.1	62.5	58.8	51.4	45.9	38.6	31.2	22.0	12.9
127.5°	64.3	62.5	58.8	55.1	51.4	45.9	40.4	34.9	27.6	18.4	12.9
130°	57.0	55.1	53.3	49.6	45.9	40.4	36.7	29.4	23.9	16.5	11.0
132.5°	49.6	49.6	47.8	44.1	40.4	36.7	31.2	25.7	20.2	14.7	9.2
135°	45.9	44.1	42.3	38.6	36.7	31.2	27.6	22.0	16.5	12.9	7.3
137.5°	40.4	38.6	36.7	34.9	31.2	27.6	23.9	18.4	14.7	11.0	7.3
140°	34.9	33.1	33.1	29.4	27.6	23.9	20.2	16.5	12.9	9.2	5.5
142.5°	31.2	29.4	27.6	25.7	23.9	20.2	16.5	12.9	11.0	7.3	5.5
145°	27.6	25.7	23.9	22.0	20.2	16.5	14.7	11.0	9.2	7.3	5.5
147.5°	22.0	22.0	20.2	18.4	16.5	14.7	12.9	11.0	7.3	5.5	3.7
150°	18.4	18.4	16.5	14.7	14.7	12.9	11.0	9.2	7.3	5.5	3.7
152.5°	16.5	14.7	14.7	12.9	12.9	11.0	9.2	7.3	5.5	5.5	3.7
155°	12.9	12.9	12.9	11.0	11.0	9.2	7.3	7.3	5.5	3.7	3.7
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: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3562.2	3540.2	3558.6	3591.6	3587.9	3584.3	3580.6	3587.9	3611.8	3599.0	3578.8
5°	3556.7	3534.7	3554.9	3586.1	3584.3	3578.8	3575.1	3582.4	3606.3	3593.5	3571.4
7.5°	3545.7	3525.5	3540.2	3571.4	3571.4	3567.7	3564.1	3571.4	3593.5	3582.4	3560.4
10°	3527.3	3512.6	3527.3	3556.7	3558.6	3551.2	3547.5	3556.7	3578.8	3573.2	3554.9
12.5°	3512.6	3497.9	3514.5	3543.9	3545.7	3538.3	3532.8	3543.9	3573.2	3576.9	3571.4
15°	3492.4	3479.6	3499.8	3531.0	3531.0	3525.5	3525.5	3540.2	3580.6	3597.1	3606.3
17.5°	3463.0	3453.8	3477.7	3508.9	3510.8	3507.1	3508.9	3538.3	3591.6	3632.0	3657.8
20°	3426.3	3422.6	3448.3	3481.4	3486.9	3488.7	3497.9	3542.0	3615.5	3670.6	3696.3
22.5°	3382.2	3384.0	3413.4	3448.3	3455.7	3461.2	3479.6	3542.0	3633.9	3692.7	3703.7
25°	3332.6	3338.1	3369.3	3411.6	3420.8	3431.8	3463.0	3543.9	3639.4	3678.0	3659.6
27.5°	3279.3	3290.3	3330.7	3374.8	3385.9	3404.2	3444.6	3532.8	3613.7	3615.5	3547.5
30°	3224.2	3237.0	3284.8	3336.3	3354.6	3373.0	3422.6	3507.1	3551.2	3492.4	3373.0
32.5°	3161.7	3180.1	3227.9	3290.3	3312.4	3336.3	3385.9	3457.5	3441.0	3314.2	3143.4
35°	3082.7	3108.4	3163.6	3237.0	3257.3	3288.5	3323.4	3339.9	3266.4	3086.4	2893.5
37.5°	2985.4	3023.9	3088.2	3172.7	3194.8	3215.0	3224.2	3178.3	3031.3	2836.6	2636.3
40°	2873.3	2932.1	3001.9	3095.6	3117.6	3117.6	3084.6	2987.2	2801.6	2546.3	2324.0
42.5°	2737.3	2809.0	2897.2	2990.9	3012.9	2987.2	2908.2	2737.3	2526.1	2241.3	2006.2
45°	2572.0	2667.5	2766.7	2864.1	2875.1	2818.2	2676.7	2459.9	2199.1	1934.5	1710.4
47.5°	2375.4	2500.4	2608.7	2719.0	2704.3	2608.7	2419.5	2173.3	1897.8	1647.9	1467.9
50°	2155.0	2301.9	2423.2	2527.9	2496.7	2364.4	2142.1	1884.9	1611.2	1398.1	1249.3
52.5°	1919.8	2088.8	2210.1	2294.6	2252.3	2094.3	1850.0	1603.8	1379.7	1185.0	1085.8
55°	1675.5	1846.3	1971.3	2037.4	1982.3	1811.4	1570.8	1346.6	1135.4	1008.6	949.8
57.5°	1438.5	1598.3	1715.9	1769.2	1699.4	1528.5	1306.2	1117.0	964.5	857.9	828.6
60°	1210.7	1341.1	1453.2	1493.6	1418.3	1260.3	1069.2	918.6	806.5	733.0	718.3
62.5°	999.4	1106.0	1194.1	1225.4	1151.9	1028.8	863.5	751.4	672.4	635.7	617.3
65°	824.9	887.3	977.4	971.8	927.8	813.9	692.6	613.6	562.2	538.3	527.3
67.5°	648.5	705.5	762.4	769.8	714.6	635.7	556.7	499.7	472.1	459.3	453.8
70°	501.5	543.8	578.7	569.5	540.1	490.5	440.9	409.7	398.7	393.1	393.1
72.5°	389.5	411.5	428.1	417.0	398.7	372.9	349.1	336.2	338.0	341.7	345.4
75°	301.3	306.8	310.5	299.5	295.8	279.2	277.4	279.2	290.3	301.3	306.8
77.5°	231.5	224.1	218.6	207.6	209.4	207.6	216.8	231.5	248.0	264.5	279.2
80°	178.2	161.7	148.8	137.8	143.3	152.5	170.9	192.9	214.9	233.3	251.7
82.5°	137.8	113.9	95.5	84.5	95.5	110.2	134.1	161.7	187.4	207.6	227.8
85°	106.6	79.0	57.0	45.9	57.0	79.0	104.7	135.9	163.5	185.6	205.8
87.5°	82.7	57.0	31.2	18.4	31.2	55.1	84.5	113.9	141.5	167.2	187.4
90°	66.1	38.6	14.7	3.7	16.5	38.6	66.1	95.5	123.1	150.6	170.9
92.5°	53.3	27.6	7.3	0.0	9.2	29.4	55.1	82.7	110.2	135.9	156.2
95°	44.1	22.0	5.5	0.0	7.3	22.0	44.1	71.6	97.4	123.1	139.6
97.5°	36.7	16.5	3.7	0.0	3.7	18.4	36.7	60.6	86.3	110.2	126.8
100°	31.2	14.7	3.7	0.0	3.7	14.7	31.2	53.3	75.3	97.4	113.9
102.5°	25.7	11.0	1.8	1.8	1.8	11.0	27.6	45.9	66.1	86.3	102.9
105°	23.9	9.2	1.8	1.8	1.8	9.2	23.9	40.4	58.8	77.2	91.9
107.5°	20.2	7.3	1.8	1.8	1.8	7.3	20.2	34.9	53.3	69.8	82.7
110°	16.5	7.3	1.8	1.8	1.8	7.3	16.5	31.2	45.9	60.6	73.5



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	14.7	5.5	1.8	1.8	1.8	5.5	14.7	27.6	40.4	55.1	66.1
115°	12.9	5.5	1.8	1.8	1.8	5.5	12.9	23.9	34.9	47.8	58.8
117.5°	11.0	5.5	1.8	1.8	1.8	3.7	11.0	20.2	31.2	42.3	53.3
120°	9.2	3.7	1.8	1.8	1.8	3.7	9.2	18.4	27.6	36.7	45.9
122.5°	9.2	3.7	1.8	1.8	1.8	3.7	7.3	14.7	23.9	31.2	40.4
125°	7.3	3.7	1.8	1.8	1.8	1.8	7.3	12.9	20.2	27.6	34.9
127.5°	7.3	3.7	1.8	1.8	1.8	1.8	5.5	11.0	16.5	23.9	31.2
130°	5.5	3.7	1.8	1.8	1.8	1.8	3.7	9.2	14.7	20.2	25.7
132.5°	5.5	3.7	1.8	1.8	1.8	1.8	3.7	7.3	11.0	16.5	22.0
135°	5.5	1.8	1.8	1.8	1.8	1.8	1.8	5.5	9.2	12.9	16.5
137.5°	3.7	1.8	1.8	1.8	1.8	1.8	1.8	3.7	7.3	9.2	14.7
140°	3.7	1.8	1.8	1.8	1.8	1.8	1.8	3.7	5.5	7.3	11.0
142.5°	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.7	5.5	9.2
145°	3.7	1.8	1.8	3.7	3.7	1.8	1.8	3.7	3.7	5.5	7.3
147.5°	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.7	3.7	5.5
150°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.5
152.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
155°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
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: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3575.1	3532.8	3554.9	3547.5	3554.9	3573.2	3571.4	3565.9	3569.6	3560.4	3551.2
5°	3567.7	3525.5	3547.5	3538.3	3547.5	3565.9	3562.2	3556.7	3562.2	3551.2	3542.0
7.5°	3558.6	3520.0	3545.7	3543.9	3560.4	3584.3	3586.1	3586.1	3599.0	3582.4	3575.1
10°	3558.6	3538.3	3573.2	3586.1	3628.4	3659.6	3663.3	3670.6	3692.7	3689.0	3670.6
12.5°	3597.1	3593.5	3644.9	3676.1	3714.7	3758.8	3782.7	3790.0	3804.7	3793.7	3786.4
15°	3646.7	3665.1	3722.1	3757.0	3799.2	3832.3	3837.8	3841.5	3852.5	3836.0	3823.1
17.5°	3712.9	3723.9	3769.8	3784.5	3812.1	3817.6	3810.2	3791.9	3791.9	3755.1	3744.1
20°	3744.1	3738.6	3757.0	3733.1	3722.1	3689.0	3657.8	3622.9	3621.0	3582.4	3578.8
22.5°	3716.5	3679.8	3641.2	3582.4	3556.7	3508.9	3466.7	3446.5	3433.6	3384.0	3371.2
25°	3619.2	3529.2	3472.2	3402.4	3339.9	3284.8	3244.4	3202.1	3161.7	3121.3	3102.9
27.5°	3450.2	3365.6	3273.8	3176.4	3090.1	3005.6	2937.6	2895.3	2856.8	2803.5	2775.9
30°	3242.6	3125.0	3023.9	2930.2	2788.8	2685.9	2629.0	2544.4	2515.1	2491.2	2439.7
32.5°	2998.2	2856.8	2719.0	2592.2	2447.1	2351.5	2276.2	2213.8	2195.4	2132.9	2118.2
35°	2728.2	2542.6	2386.5	2261.5	2156.8	2041.1	1978.6	1936.4	1899.6	1857.4	1850.0
37.5°	2410.3	2243.2	2066.8	1956.6	1873.9	1774.7	1726.9	1697.5	1681.0	1649.8	1644.2
40°	2090.7	1923.5	1802.2	1692.0	1640.6	1587.3	1552.4	1539.5	1532.2	1521.2	1510.1
42.5°	1800.4	1653.4	1567.1	1493.6	1471.6	1445.8	1436.6	1444.0	1436.6	1433.0	1431.1
45°	1554.2	1442.2	1381.5	1359.5	1354.0	1346.6	1354.0	1366.8	1368.7	1365.0	1365.0
47.5°	1330.1	1276.8	1251.1	1254.8	1264.0	1269.5	1282.3	1298.9	1302.5	1293.4	1297.0
50°	1183.1	1151.9	1146.4	1161.1	1181.3	1188.6	1203.3	1216.2	1214.4	1210.7	1207.0
52.5°	1045.3	1036.1	1050.8	1065.5	1087.6	1091.3	1096.8	1102.3	1100.4	1093.1	1089.4
55°	929.6	936.9	949.8	955.3	971.8	970.0	971.8	971.8	964.5	960.8	955.3
57.5°	824.9	826.7	834.1	835.9	845.1	841.4	839.6	835.9	824.9	823.0	817.5
60°	718.3	714.6	731.2	718.3	725.7	718.3	716.5	707.3	696.3	694.4	690.8
62.5°	617.3	609.9	621.0	615.4	619.1	611.8	608.1	597.1	587.9	586.0	584.2
65°	527.3	523.6	534.6	532.8	536.4	527.3	523.6	516.2	508.9	507.1	505.2
67.5°	451.9	461.1	466.6	466.6	470.3	468.5	459.3	457.4	455.6	448.3	448.3
70°	396.8	402.3	413.4	415.2	413.4	417.0	409.7	407.8	406.0	402.3	400.5
72.5°	352.7	360.1	371.1	372.9	371.1	371.1	367.4	365.6	365.6	360.1	360.1
75°	317.8	327.0	336.2	336.2	336.2	332.5	328.8	328.8	325.2	323.3	319.7
77.5°	288.4	299.5	306.8	305.0	303.1	299.5	299.5	293.9	288.4	288.4	284.8
80°	266.4	273.7	279.2	277.4	275.6	270.1	268.2	262.7	259.0	253.5	253.5
82.5°	242.5	251.7	255.4	253.5	249.9	244.3	242.5	238.8	235.2	233.3	229.6
85°	222.3	231.5	233.3	229.6	226.0	222.3	220.5	218.6	216.8	213.1	213.1
87.5°	202.1	211.3	211.3	209.4	205.8	203.9	202.1	200.2	198.4	196.6	194.7
90°	185.6	192.9	192.9	191.1	189.2	187.4	185.6	183.7	181.9	180.0	180.0
92.5°	169.0	176.4	176.4	174.5	172.7	170.9	170.9	169.0	167.2	165.3	163.5
95°	154.3	161.7	161.7	161.7	159.8	158.0	158.0	156.2	154.3	154.3	152.5
97.5°	139.6	147.0	147.0	147.0	145.1	143.3	143.3	141.5	141.5	141.5	139.6
100°	126.8	132.3	134.1	134.1	132.3	132.3	132.3	130.4	130.4	130.4	128.6
102.5°	113.9	119.4	123.1	123.1	123.1	121.3	121.3	121.3	121.3	121.3	119.4
105°	102.9	108.4	112.1	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
107.5°	93.7	99.2	102.9	104.7	106.6	106.6	108.4	108.4	108.4	108.4	108.4
110°	84.5	90.0	95.5	97.4	99.2	101.0	101.0	102.9	101.0	101.0	101.0



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	75.3	82.7	86.3	90.0	91.9	93.7	95.5	95.5	95.5	95.5	95.5
115°	68.0	75.3	79.0	82.7	86.3	88.2	88.2	90.0	90.0	90.0	88.2
117.5°	60.6	68.0	71.6	75.3	77.2	80.8	82.7	82.7	82.7	82.7	80.8
120°	55.1	60.6	64.3	68.0	71.6	73.5	75.3	75.3	75.3	75.3	75.3
122.5°	47.8	53.3	58.8	62.5	64.3	66.1	68.0	68.0	68.0	68.0	68.0
125°	42.3	47.8	51.4	55.1	57.0	60.6	60.6	60.6	60.6	60.6	60.6
127.5°	36.7	42.3	45.9	49.6	51.4	53.3	55.1	55.1	55.1	55.1	55.1
130°	31.2	36.7	40.4	44.1	45.9	47.8	47.8	49.6	49.6	49.6	49.6
132.5°	27.6	31.2	34.9	38.6	40.4	42.3	42.3	44.1	44.1	44.1	44.1
135°	22.0	27.6	29.4	33.1	34.9	36.7	36.7	38.6	38.6	38.6	38.6
137.5°	18.4	22.0	25.7	29.4	31.2	31.2	33.1	33.1	34.9	34.9	34.9
140°	14.7	16.5	22.0	23.9	25.7	27.6	29.4	29.4	29.4	29.4	29.4
142.5°	11.0	14.7	16.5	20.2	22.0	23.9	25.7	25.7	25.7	25.7	25.7
145°	9.2	11.0	12.9	16.5	18.4	20.2	22.0	22.0	22.0	22.0	22.0
147.5°	7.3	9.2	11.0	12.9	14.7	16.5	18.4	18.4	18.4	18.4	18.4
150°	5.5	7.3	9.2	9.2	11.0	12.9	14.7	16.5	16.5	16.5	16.5
152.5°	5.5	5.5	7.3	7.3	9.2	11.0	12.9	12.9	12.9	12.9	12.9
155°	3.7	5.5	5.5	5.5	7.3	7.3	9.2	11.0	11.0	11.0	11.0
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: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3556.7	3564.1	3560.4	3554.9	3553.0	3562.2	3553.0	3510.8	3527.3	3529.2	3542.0
5°	3551.2	3556.7	3553.0	3549.4	3543.9	3554.9	3543.9	3499.8	3516.3	3518.1	3531.0
7.5°	3587.9	3589.8	3589.8	3580.6	3565.9	3571.4	3556.7	3507.1	3516.3	3516.3	3525.5
10°	3679.8	3683.5	3689.0	3665.1	3646.7	3632.0	3611.8	3551.2	3549.4	3534.7	3534.7
12.5°	3799.2	3790.0	3780.8	3769.8	3755.1	3736.8	3707.4	3635.7	3611.8	3587.9	3564.1
15°	3834.1	3830.4	3828.6	3823.1	3813.9	3808.4	3786.4	3714.7	3679.8	3650.4	3608.2
17.5°	3742.3	3749.6	3773.5	3775.3	3786.4	3808.4	3804.7	3755.1	3723.9	3711.0	3659.6
20°	3576.9	3578.8	3608.2	3621.0	3668.8	3705.5	3733.1	3727.6	3720.2	3734.9	3696.3
22.5°	3378.5	3391.4	3422.6	3442.8	3488.7	3531.0	3575.1	3599.0	3637.5	3698.2	3690.8
25°	3108.4	3125.0	3169.1	3202.1	3266.4	3330.7	3389.5	3431.8	3477.7	3593.5	3632.0
27.5°	2785.1	2810.8	2867.8	2900.9	2990.9	3057.0	3141.5	3224.2	3288.5	3420.8	3499.8
30°	2445.2	2467.3	2527.9	2573.8	2651.0	2741.0	2847.6	2965.2	3071.7	3205.8	3305.0
32.5°	2127.4	2151.3	2200.9	2241.3	2327.7	2403.0	2520.6	2665.7	2764.9	2950.5	3082.7
35°	1850.0	1872.1	1907.0	1941.9	2013.5	2090.7	2191.7	2333.2	2459.9	2652.8	2820.0
37.5°	1655.3	1658.9	1679.2	1699.4	1752.6	1811.4	1890.4	2015.3	2132.9	2340.5	2524.2
40°	1515.6	1515.6	1526.7	1532.2	1556.1	1591.0	1640.6	1737.9	1835.3	1993.3	2217.4
42.5°	1429.3	1425.6	1425.6	1427.5	1425.6	1442.2	1471.6	1517.5	1603.8	1734.3	1908.8
45°	1365.0	1357.7	1352.1	1339.3	1331.9	1331.9	1333.8	1350.3	1399.9	1484.4	1625.9
47.5°	1293.4	1291.5	1282.3	1267.6	1254.8	1245.6	1230.9	1225.4	1240.1	1287.8	1383.4
50°	1210.7	1201.5	1192.3	1181.3	1166.6	1157.4	1129.8	1131.7	1118.8	1140.9	1190.5
52.5°	1089.4	1082.1	1078.4	1069.2	1063.7	1060.0	1038.0	1015.9	1010.4	1014.1	1032.5
55°	955.3	959.0	944.3	951.6	949.8	933.3	924.1	907.5	902.0	900.2	909.4
57.5°	815.7	819.4	810.2	817.5	817.5	808.3	802.8	802.8	790.0	778.9	791.8
60°	688.9	681.6	687.1	696.3	696.3	690.8	687.1	687.1	677.9	674.2	683.4
62.5°	586.0	578.7	584.2	593.4	595.2	591.6	587.9	587.9	576.9	576.9	584.2
65°	507.1	508.9	507.1	514.4	514.4	516.2	512.6	508.9	496.0	501.5	499.7
67.5°	450.1	448.3	448.3	455.6	453.8	457.4	453.8	448.3	439.1	431.7	429.9
70°	402.3	400.5	400.5	404.2	406.0	406.0	404.2	400.5	387.6	380.3	374.8
72.5°	360.1	358.2	360.1	361.9	363.8	365.6	363.8	360.1	349.1	339.9	330.7
75°	321.5	319.7	325.2	325.2	327.0	327.0	328.8	327.0	317.8	306.8	295.8
77.5°	282.9	284.8	290.3	292.1	295.8	297.6	299.5	299.5	290.3	281.1	266.4
80°	251.7	255.4	259.0	260.9	264.5	270.1	271.9	273.7	266.4	257.2	240.7
82.5°	229.6	231.5	235.2	237.0	242.5	244.3	246.2	249.9	246.2	237.0	218.6
85°	211.3	213.1	216.8	216.8	220.5	224.1	226.0	227.8	226.0	216.8	198.4
87.5°	194.7	196.6	198.4	200.2	202.1	203.9	205.8	207.6	205.8	196.6	180.0
90°	180.0	180.0	181.9	181.9	183.7	185.6	189.2	189.2	187.4	180.0	163.5
92.5°	163.5	165.3	165.3	167.2	169.0	170.9	172.7	172.7	170.9	163.5	148.8
95°	152.5	152.5	154.3	154.3	156.2	156.2	158.0	158.0	156.2	148.8	134.1
97.5°	139.6	139.6	139.6	139.6	141.5	141.5	143.3	143.3	141.5	134.1	121.3
100°	128.6	128.6	128.6	128.6	128.6	130.4	130.4	130.4	128.6	121.3	108.4
102.5°	119.4	119.4	119.4	119.4	119.4	119.4	119.4	119.4	115.7	110.2	97.4
105°	113.9	113.9	113.9	112.1	112.1	112.1	110.2	110.2	104.7	99.2	88.2
107.5°	106.6	106.6	106.6	104.7	104.7	102.9	101.0	101.0	95.5	90.0	79.0
110°	101.0	101.0	101.0	99.2	97.4	95.5	93.7	91.9	86.3	79.0	69.8



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	95.5	95.5	93.7	93.7	91.9	90.0	86.3	84.5	79.0	71.6	62.5
115°	88.2	88.2	88.2	86.3	84.5	82.7	80.8	77.2	71.6	64.3	55.1
117.5°	80.8	80.8	80.8	79.0	77.2	75.3	73.5	69.8	64.3	57.0	49.6
120°	73.5	73.5	73.5	71.6	69.8	68.0	66.1	62.5	57.0	51.4	42.3
122.5°	68.0	68.0	66.1	64.3	62.5	60.6	58.8	55.1	51.4	44.1	36.7
125°	60.6	60.6	58.8	58.8	57.0	55.1	53.3	49.6	44.1	38.6	33.1
127.5°	55.1	53.3	53.3	53.3	51.4	49.6	45.9	44.1	38.6	33.1	27.6
130°	47.8	47.8	47.8	45.9	45.9	44.1	40.4	36.7	33.1	29.4	23.9
132.5°	42.3	42.3	42.3	42.3	40.4	38.6	34.9	33.1	29.4	23.9	20.2
135°	38.6	38.6	36.7	36.7	34.9	33.1	31.2	27.6	23.9	20.2	16.5
137.5°	33.1	33.1	33.1	31.2	31.2	29.4	25.7	23.9	22.0	18.4	14.7
140°	29.4	29.4	27.6	27.6	25.7	25.7	23.9	20.2	18.4	14.7	12.9
142.5°	25.7	25.7	23.9	23.9	22.0	22.0	20.2	18.4	14.7	12.9	9.2
145°	22.0	22.0	20.2	20.2	20.2	18.4	16.5	14.7	12.9	11.0	9.2
147.5°	18.4	18.4	18.4	16.5	16.5	14.7	14.7	12.9	11.0	9.2	7.3
150°	16.5	16.5	14.7	14.7	14.7	12.9	11.0	11.0	9.2	7.3	5.5
152.5°	12.9	12.9	12.9	12.9	11.0	11.0	9.2	9.2	7.3	5.5	5.5
155°	11.0	11.0	11.0	9.2	9.2	9.2	7.3	7.3	5.5	5.5	3.7
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: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7	3556.7
2.5°	3536.5	3534.7	3551.2	3549.4	3527.3	3560.4	3582.4
5°	3527.3	3525.5	3540.2	3543.9	3520.0	3554.9	3578.8
7.5°	3520.0	3518.1	3534.7	3540.2	3516.3	3547.5	3573.2
10°	3521.8	3512.6	3527.3	3531.0	3508.9	3542.0	3564.1
12.5°	3534.7	3512.6	3518.1	3518.1	3497.9	3527.3	3551.2
15°	3565.9	3520.0	3512.6	3507.1	3481.4	3508.9	3532.8
17.5°	3600.8	3538.3	3512.6	3494.3	3463.0	3486.9	3512.6
20°	3635.7	3558.6	3516.3	3486.9	3444.6	3466.7	3485.1
22.5°	3652.2	3576.9	3520.0	3475.9	3422.6	3433.6	3453.8
25°	3630.2	3569.6	3512.6	3459.3	3395.0	3396.9	3413.4
27.5°	3549.4	3532.8	3496.1	3442.8	3373.0	3363.8	3376.7
30°	3411.6	3457.5	3459.3	3420.8	3347.3	3328.9	3334.4
32.5°	3218.7	3321.6	3382.2	3374.8	3310.5	3284.8	3288.5
35°	2996.4	3125.0	3257.3	3301.3	3255.4	3235.2	3227.9
37.5°	2730.0	2902.7	3079.1	3187.4	3180.1	3167.2	3159.9
40°	2436.1	2643.7	2853.1	3025.8	3079.1	3079.1	3082.7
42.5°	2121.9	2364.4	2594.0	2812.7	2937.6	2965.2	2976.2
45°	1818.8	2063.1	2313.0	2564.7	2731.8	2818.2	2849.4
47.5°	1543.2	1789.4	2026.4	2301.9	2524.2	2636.3	2685.9
50°	1308.0	1491.8	1741.6	2015.3	2257.9	2395.6	2493.0
52.5°	1113.3	1256.6	1475.2	1730.6	1974.9	2164.2	2254.2
55°	949.8	1047.2	1232.7	1453.2	1686.5	1883.1	1987.8
57.5°	812.0	889.2	1015.9	1199.7	1396.2	1591.0	1703.0
60°	690.8	744.0	830.4	975.5	1142.7	1309.9	1418.3
62.5°	586.0	621.0	677.9	784.5	914.9	1045.3	1146.4
65°	505.2	519.9	551.1	617.3	716.5	815.7	902.0
67.5°	426.2	435.4	459.3	499.7	549.3	621.0	677.9
70°	367.4	367.4	369.3	393.1	418.9	464.8	505.2
72.5°	319.7	314.2	303.1	308.6	314.2	339.9	365.6
75°	281.1	268.2	249.9	242.5	238.8	242.5	257.2
77.5°	248.0	229.6	207.6	189.2	174.5	169.0	181.9
80°	220.5	198.4	172.7	148.8	124.9	112.1	117.6
82.5°	198.4	170.9	143.3	115.7	88.2	69.8	69.8
85°	174.5	148.8	119.4	90.0	62.5	38.6	34.9
87.5°	158.0	130.4	99.2	71.6	44.1	20.2	11.0
90°	141.5	113.9	84.5	57.0	31.2	9.2	0.0
92.5°	126.8	101.0	73.5	45.9	22.0	5.5	0.0
95°	113.9	90.0	62.5	38.6	18.4	3.7	1.8
97.5°	101.0	79.0	55.1	31.2	12.9	3.7	1.8
100°	91.9	69.8	47.8	25.7	11.0	1.8	1.8
102.5°	80.8	62.5	40.4	22.0	9.2	1.8	1.8
105°	71.6	55.1	34.9	18.4	7.3	1.8	1.8
107.5°	64.3	47.8	31.2	16.5	7.3	1.8	1.8
110°	57.0	42.3	27.6	14.7	5.5	1.8	1.8



TEST NUMBER: P290244

CATALOG NUMBER: 8SSRK-LC-10-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	51.4	36.7	23.9	12.9	3.7	1.8	1.8
115°	44.1	33.1	20.2	11.0	3.7	1.8	1.8
117.5°	38.6	27.6	18.4	9.2	3.7	1.8	1.8
120°	33.1	23.9	14.7	7.3	1.8	1.8	1.8
122.5°	29.4	20.2	12.9	7.3	1.8	1.8	1.8
125°	25.7	18.4	11.0	5.5	1.8	1.8	1.8
127.5°	22.0	14.7	9.2	3.7	1.8	1.8	1.8
130°	18.4	12.9	7.3	3.7	1.8	1.8	1.8
132.5°	14.7	11.0	7.3	3.7	1.8	1.8	1.8
135°	12.9	9.2	5.5	3.7	1.8	1.8	1.8
137.5°	11.0	7.3	3.7	3.7	3.7	1.8	1.8
140°	9.2	5.5	3.7	3.7	3.7	3.7	1.8
142.5°	7.3	5.5	3.7	3.7	3.7	3.7	1.8
145°	5.5	3.7	3.7	3.7	3.7	3.7	1.8
147.5°	5.5	3.7	3.7	3.7	3.7	3.7	1.8
150°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
152.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
155°	3.7	3.7	3.7	3.7	3.7	3.7	3.7
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)