

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: P290239

Luminaire Tested: **8SSRK-LC-80-L950-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: P290239  
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-80-L950-CD1-U  
Description: 8000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8000.9 lumens  
Efficiency: N/A  
Efficacy: 141.2 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

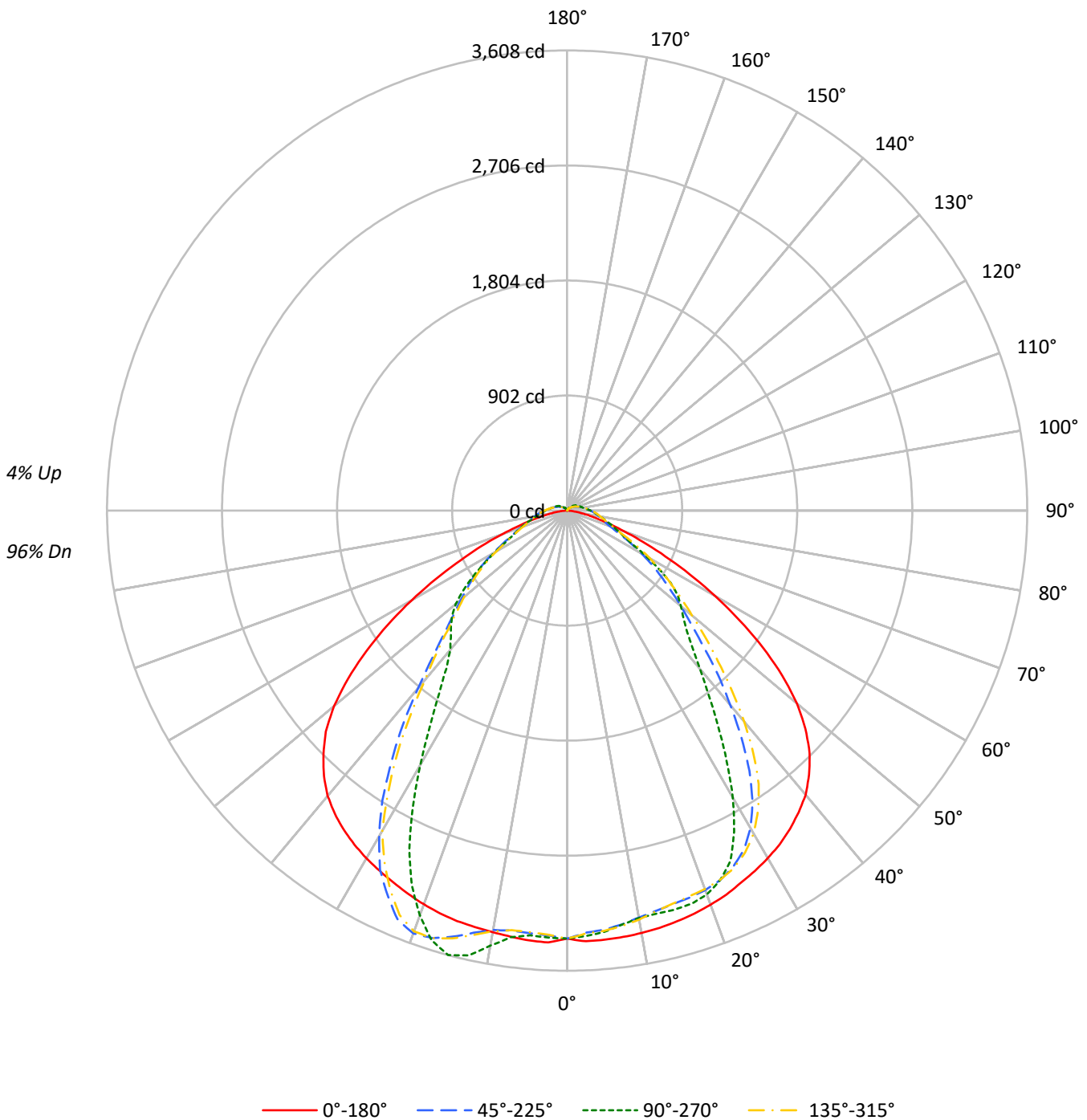
Input Watts (W): 56.6491  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

### 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°	108377	108377	108377	108377
5°	109266	79630	109489	80255
10°	109871	62366	109646	66600
15°	110826	52281	110769	58211
20°	112159	44826	112039	47253
25°	113659	37683	113596	36410
30°	115925	29279	115988	25939
35°	118345	21396	118679	18106
40°	120514	15650	121015	13789
45°	120284	12081	120901	11764
50°	115314	10148	116931	9921
55°	102548	8317	105107	7561
60°	83421	5790	87853	5310
65°	62257	4010	67077	3803
70°	42570	3113	47991	2976
75°	28096	2499	32715	2362
80°	18444	2041	21620	1878
85°	9845	1746	12957	1595



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	318.8	4.0
10°-20°	948.5	11.9
20°-30°	1442.0	18.0
30°-40°	1547.0	19.3
40°-50°	1342.6	16.8
50°-60°	995.0	12.4
60°-70°	570.1	7.1
70°-80°	315.7	3.9
80°-90°	192.2	2.4
90°-100°	125.0	1.6
100°-110°	83.7	1.0
110°-120°	56.5	0.7
120°-130°	34.7	0.4
130°-140°	18.2	0.2
140°-150°	8.3	0.1
150°-160°	2.4	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2709.4	33.9
0°-40°	4256.3	53.2
0°-60°	6593.9	82.4
0°-90°	7671.9	95.9
90°-120°	265.3	3.3
90°-150°	326.5	4.1
90°-180°	329.0	4.1
0°-180°	8000.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3356	3356	3356	3356	3356	
5°	3377	3316	3384	3342	3377	322
15°	3334	3240	3332	3608	3334	943
25°	3221	3030	3219	2928	3221	1489
35°	3046	2063	3054	1746	3046	1907
45°	2689	1323	2703	1288	2689	2059
55°	1876	992	1922	902	1876	1663
65°	851	503	917	477	851	858
75°	243	319	283	302	243	277
85°	33	220	43	201	33	43
90°	0	184	4	170	0	1
95°	2	151	0	144	2	1
105°	2	113	2	108	2	2
115°	2	92	2	83	2	2
125°	2	69	2	57	2	2
135°	2	43	2	36	2	1
145°	2	26	4	21	2	1
155°	4	12	4	10	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°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3380.4	3371.8	3368.3	3361.4	3366.6	3387.4	3373.5	3351.0	3352.7	3312.8	3333.6
5°	3377.0	3366.6	3361.4	3354.4	3357.9	3377.0	3363.1	3340.6	3338.8	3299.0	3318.0
7.5°	3371.8	3361.4	3352.7	3347.5	3349.2	3364.8	3347.5	3321.5	3316.3	3273.0	3290.3
10°	3363.1	3356.2	3344.0	3335.4	3333.6	3351.0	3323.2	3297.2	3285.1	3240.0	3257.4
12.5°	3351.0	3340.6	3328.4	3312.8	3311.1	3321.5	3299.0	3262.6	3250.4	3214.0	3233.1
15°	3333.6	3321.5	3307.6	3290.3	3281.6	3288.6	3260.8	3227.9	3226.2	3195.0	3221.0
17.5°	3314.6	3297.2	3281.6	3257.4	3245.2	3250.4	3227.9	3198.4	3201.9	3182.8	3212.3
20°	3288.6	3269.5	3245.2	3221.0	3203.6	3212.3	3196.7	3174.1	3179.3	3165.5	3191.5
22.5°	3259.1	3233.1	3203.6	3175.9	3162.0	3174.1	3162.0	3142.9	3144.7	3136.0	3151.6
25°	3221.0	3191.5	3156.8	3122.1	3115.2	3123.9	3116.9	3101.3	3094.4	3080.5	3087.5
27.5°	3186.3	3153.3	3110.0	3073.6	3061.5	3078.8	3063.2	3037.2	3018.1	2999.1	2985.2
30°	3146.4	3106.5	3058.0	3016.4	3006.0	3012.9	2990.4	2950.5	2900.2	2876.0	2837.8
32.5°	3103.1	3051.1	2990.4	2943.6	2936.7	2931.5	2889.8	2832.6	2754.6	2706.1	2647.1
35°	3045.9	2988.7	2915.8	2858.6	2848.2	2818.8	2751.2	2674.9	2574.3	2491.1	2390.6
37.5°	2981.7	2914.1	2837.8	2761.6	2732.1	2673.1	2577.8	2498.1	2345.5	2245.0	2123.6
40°	2908.9	2827.4	2733.8	2641.9	2593.4	2498.1	2388.8	2271.0	2123.6	1988.4	1886.1
42.5°	2808.4	2721.7	2610.7	2508.5	2425.3	2298.7	2170.4	2004.0	1868.8	1754.4	1650.3
45°	2688.8	2584.7	2456.5	2333.4	2227.6	2076.8	1926.0	1759.6	1646.9	1513.4	1442.3
47.5°	2534.5	2421.8	2284.8	2147.9	2009.2	1842.8	1685.0	1525.5	1412.9	1317.5	1265.5
50°	2352.4	2248.4	2097.6	1934.7	1782.1	1608.7	1451.0	1331.4	1222.2	1163.2	1123.3
52.5°	2127.1	2030.0	1875.7	1698.9	1551.5	1381.6	1237.8	1140.7	1062.7	1019.3	1005.5
55°	1875.7	1790.8	1638.2	1473.5	1322.7	1166.7	1057.5	972.5	922.3	896.3	898.0
57.5°	1607.0	1541.1	1397.2	1249.9	1107.7	989.9	891.0	823.4	785.3	783.6	788.8
60°	1338.3	1289.8	1165.0	1038.4	913.6	818.2	745.4	698.6	674.4	676.1	674.4
62.5°	1081.7	1036.7	946.5	842.5	743.7	679.6	613.7	594.6	573.8	572.1	572.1
65°	851.2	816.5	743.7	669.2	594.6	553.0	520.1	497.5	481.9	478.5	480.2
67.5°	639.7	625.8	575.5	525.3	478.5	452.5	424.7	419.5	407.4	407.4	410.9
70°	476.7	466.3	438.6	409.1	390.1	372.7	358.8	358.8	357.1	355.4	364.0
72.5°	345.0	346.7	338.0	315.5	313.8	310.3	306.8	312.0	313.8	319.0	329.4
75°	242.7	247.9	247.9	244.4	251.4	260.0	265.2	273.9	284.3	291.2	303.4
77.5°	171.6	171.6	180.3	190.7	204.6	220.2	234.0	246.2	260.0	268.7	279.1
80°	110.9	116.1	130.0	149.1	168.2	189.0	208.0	223.6	237.5	251.4	258.3
82.5°	65.9	74.5	91.9	116.1	140.4	166.4	185.5	204.6	220.2	234.0	239.2
85°	32.9	45.1	65.9	91.9	117.9	145.6	169.9	187.2	204.6	216.7	223.6
87.5°	10.4	24.3	46.8	71.1	98.8	126.5	152.6	171.6	187.2	197.6	204.6
90°	0.0	12.1	32.9	58.9	84.9	112.7	137.0	157.8	173.4	182.0	187.2
92.5°	0.0	6.9	26.0	48.5	72.8	100.5	124.8	143.9	157.8	166.4	169.9
95°	1.7	5.2	19.1	39.9	64.1	90.1	112.7	130.0	143.9	152.6	154.3
97.5°	1.7	3.5	15.6	32.9	55.5	79.7	102.3	119.6	130.0	138.7	140.4
100°	1.7	3.5	12.1	29.5	48.5	71.1	91.9	107.5	119.6	126.5	128.3
102.5°	1.7	1.7	10.4	24.3	43.3	62.4	81.5	97.1	107.5	114.4	117.9
105°	1.7	1.7	8.7	20.8	38.1	55.5	72.8	88.4	97.1	104.0	107.5
107.5°	1.7	1.7	6.9	17.3	32.9	48.5	65.9	78.0	88.4	95.3	98.8
110°	1.7	1.7	5.2	15.6	27.7	43.3	57.2	69.3	79.7	86.7	90.1



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.7	1.7	5.2	13.9	24.3	38.1	50.3	62.4	71.1	78.0	83.2
115°	1.7	1.7	5.2	12.1	22.5	32.9	45.1	55.5	64.1	71.1	76.3
117.5°	1.7	1.7	5.2	10.4	19.1	29.5	39.9	50.3	57.2	64.1	69.3
120°	1.7	1.7	3.5	8.7	17.3	26.0	34.7	43.3	52.0	58.9	64.1
122.5°	1.7	1.7	3.5	8.7	13.9	22.5	31.2	38.1	46.8	52.0	57.2
125°	1.7	1.7	3.5	6.9	12.1	20.8	27.7	34.7	39.9	46.8	52.0
127.5°	1.7	1.7	3.5	6.9	10.4	17.3	24.3	31.2	36.4	41.6	45.1
130°	1.7	1.7	3.5	5.2	8.7	13.9	20.8	26.0	32.9	36.4	39.9
132.5°	1.7	1.7	1.7	5.2	6.9	10.4	15.6	22.5	27.7	32.9	34.7
135°	1.7	1.7	1.7	3.5	6.9	8.7	12.1	17.3	22.5	27.7	31.2
137.5°	1.7	1.7	1.7	3.5	5.2	8.7	10.4	13.9	19.1	22.5	27.7
140°	1.7	1.7	1.7	3.5	5.2	6.9	8.7	12.1	15.6	19.1	22.5
142.5°	1.7	1.7	1.7	3.5	3.5	5.2	6.9	10.4	12.1	15.6	19.1
145°	1.7	1.7	1.7	3.5	3.5	5.2	6.9	8.7	10.4	12.1	15.6
147.5°	1.7	1.7	1.7	3.5	3.5	3.5	5.2	6.9	8.7	10.4	12.1
150°	3.5	3.5	3.5	3.5	3.5	3.5	5.2	5.2	6.9	8.7	10.4
152.5°	3.5	3.5	3.5	3.5	3.5	3.5	5.2	5.2	5.2	6.9	8.7
155°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.2	5.2	6.9	6.9
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



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3326.7	3330.2	3351.0	3349.2	3345.8	3342.3	3342.3	3338.8	3342.3	3351.0	3347.5
5°	3309.4	3314.6	3330.2	3328.4	3325.0	3323.2	3321.5	3316.3	3319.8	3331.9	3328.4
7.5°	3278.2	3283.4	3297.2	3290.3	3285.1	3288.6	3279.9	3274.7	3281.6	3293.8	3292.0
10°	3245.2	3248.7	3266.0	3262.6	3253.9	3255.6	3247.0	3243.5	3252.2	3259.1	3260.8
12.5°	3222.7	3234.8	3250.4	3248.7	3247.0	3248.7	3240.0	3236.6	3241.8	3248.7	3247.0
15°	3217.5	3233.1	3250.4	3250.4	3252.2	3253.9	3245.2	3240.0	3245.2	3250.4	3248.7
17.5°	3212.3	3231.4	3247.0	3245.2	3247.0	3250.4	3236.6	3233.1	3240.0	3247.0	3243.5
20°	3195.0	3212.3	3222.7	3219.2	3219.2	3221.0	3203.6	3203.6	3214.0	3219.2	3221.0
22.5°	3146.4	3167.2	3167.2	3158.5	3158.5	3151.6	3146.4	3136.0	3148.1	3156.8	3163.7
25°	3073.6	3082.3	3071.9	3052.8	3042.4	3033.7	3009.5	3030.3	3030.3	3056.3	3064.9
27.5°	2971.3	2952.3	2922.8	2882.9	2874.2	2846.5	2830.9	2836.1	2844.8	2881.2	2908.9
30°	2803.2	2746.0	2695.7	2678.4	2640.2	2612.5	2584.7	2598.6	2614.2	2635.0	2692.2
32.5°	2581.3	2525.8	2444.3	2414.8	2375.0	2340.3	2307.4	2328.2	2355.9	2369.8	2432.2
35°	2326.4	2260.6	2186.0	2135.7	2094.1	2075.1	2033.5	2062.9	2092.4	2102.8	2156.5
37.5°	2056.0	1988.4	1922.5	1879.2	1839.3	1827.2	1799.4	1820.2	1842.8	1858.4	1903.4
40°	1799.4	1737.0	1686.8	1657.3	1629.5	1619.1	1608.7	1617.4	1634.7	1646.9	1681.6
42.5°	1579.3	1529.0	1494.3	1477.0	1457.9	1444.1	1445.8	1449.3	1457.9	1483.9	1499.5
45°	1386.8	1357.4	1334.8	1331.4	1319.2	1317.5	1315.8	1322.7	1327.9	1343.5	1355.6
47.5°	1232.6	1220.4	1215.2	1222.2	1227.4	1220.4	1223.9	1232.6	1243.0	1243.0	1241.2
50°	1111.2	1114.7	1121.6	1137.2	1147.6	1151.1	1154.6	1165.0	1166.7	1170.2	1165.0
52.5°	1012.4	1015.9	1034.9	1059.2	1071.3	1076.5	1083.5	1093.9	1093.9	1097.3	1090.4
55°	911.9	917.1	936.1	960.4	970.8	977.7	984.7	991.6	996.8	1003.7	998.5
57.5°	800.9	816.5	828.6	835.6	842.5	847.7	852.9	854.6	865.0	866.8	875.4
60°	683.0	686.5	698.6	696.9	691.7	705.6	698.6	710.8	722.9	738.5	740.2
62.5°	570.3	572.1	580.7	577.3	584.2	582.5	587.7	587.7	596.3	603.3	611.9
65°	481.9	483.7	490.6	490.6	488.9	494.1	499.3	502.7	502.7	507.9	514.9
67.5°	416.1	421.3	428.2	431.7	435.1	435.1	440.3	442.1	445.5	447.3	450.7
70°	371.0	377.9	384.9	388.3	390.1	393.5	395.3	395.3	398.7	400.5	403.9
72.5°	338.0	345.0	350.2	350.2	353.6	355.4	355.4	357.1	358.8	362.3	365.8
75°	310.3	315.5	319.0	317.2	317.2	317.2	319.0	319.0	322.4	325.9	329.4
77.5°	284.3	289.5	289.5	286.0	286.0	286.0	286.0	287.8	289.5	293.0	296.4
80°	265.2	265.2	263.5	263.5	260.0	258.3	258.3	260.0	260.0	263.5	268.7
82.5°	244.4	244.4	242.7	241.0	239.2	237.5	237.5	239.2	241.0	242.7	246.2
85°	225.4	225.4	221.9	221.9	220.2	220.2	220.2	220.2	221.9	223.6	227.1
87.5°	206.3	204.6	202.8	201.1	201.1	201.1	201.1	201.1	202.8	206.3	208.0
90°	187.2	185.5	183.8	183.8	182.0	182.0	183.8	183.8	185.5	187.2	189.0
92.5°	169.9	168.2	166.4	166.4	164.7	164.7	166.4	164.7	168.2	168.2	169.9
95°	154.3	152.6	150.8	150.8	150.8	150.8	150.8	150.8	152.6	152.6	154.3
97.5°	140.4	138.7	137.0	137.0	138.7	137.0	138.7	138.7	138.7	140.4	142.2
100°	128.3	126.5	126.5	128.3	126.5	126.5	128.3	128.3	128.3	128.3	130.0
102.5°	117.9	117.9	117.9	117.9	117.9	117.9	119.6	119.6	119.6	119.6	121.3
105°	107.5	109.2	109.2	109.2	110.9	110.9	110.9	112.7	112.7	112.7	112.7
107.5°	100.5	102.3	102.3	104.0	104.0	105.7	105.7	105.7	105.7	107.5	107.5
110°	93.6	95.3	97.1	98.8	98.8	100.5	100.5	100.5	100.5	100.5	100.5





TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	86.7	88.4	90.1	93.6	95.3	95.3	95.3	95.3	97.1	97.1	95.3
115°	79.7	83.2	84.9	88.4	90.1	90.1	91.9	91.9	91.9	91.9	90.1
117.5°	72.8	78.0	79.7	83.2	84.9	84.9	86.7	86.7	86.7	86.7	84.9
120°	67.6	71.1	74.5	76.3	78.0	79.7	79.7	81.5	81.5	81.5	79.7
122.5°	62.4	65.9	69.3	71.1	72.8	74.5	74.5	74.5	74.5	74.5	74.5
125°	55.5	58.9	62.4	64.1	65.9	67.6	67.6	69.3	69.3	69.3	67.6
127.5°	50.3	53.7	55.5	58.9	60.7	60.7	62.4	62.4	62.4	62.4	60.7
130°	43.3	46.8	50.3	52.0	53.7	53.7	55.5	55.5	55.5	55.5	55.5
132.5°	38.1	41.6	43.3	46.8	46.8	48.5	48.5	50.3	50.3	50.3	48.5
135°	34.7	36.4	38.1	41.6	41.6	43.3	43.3	43.3	43.3	43.3	43.3
137.5°	31.2	32.9	34.7	36.4	36.4	38.1	38.1	38.1	38.1	39.9	38.1
140°	26.0	29.5	31.2	31.2	32.9	32.9	32.9	34.7	34.7	34.7	32.9
142.5°	22.5	24.3	26.0	27.7	29.5	29.5	29.5	29.5	31.2	29.5	29.5
145°	17.3	20.8	22.5	24.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
147.5°	13.9	15.6	19.1	20.8	20.8	22.5	22.5	22.5	22.5	22.5	22.5
150°	12.1	12.1	15.6	17.3	19.1	19.1	19.1	19.1	19.1	19.1	19.1
152.5°	8.7	10.4	12.1	13.9	15.6	15.6	15.6	15.6	15.6	15.6	15.6
155°	8.7	8.7	10.4	10.4	12.1	12.1	12.1	12.1	13.9	12.1	12.1
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: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3342.3	3340.6	3347.5	3340.6	3305.9	3319.8	3314.6	3333.6	3335.4	3340.6	3357.9
5°	3325.0	3325.0	3333.6	3326.7	3293.8	3307.6	3305.9	3325.0	3328.4	3331.9	3351.0
7.5°	3290.3	3292.0	3304.2	3299.0	3264.3	3285.1	3283.4	3305.9	3312.8	3319.8	3337.1
10°	3257.4	3255.6	3269.5	3264.3	3231.4	3255.6	3253.9	3276.4	3286.8	3299.0	3319.8
12.5°	3240.0	3234.8	3240.0	3234.8	3198.4	3217.5	3219.2	3245.2	3257.4	3273.0	3297.2
15°	3240.0	3231.4	3231.4	3221.0	3179.3	3191.5	3193.2	3210.6	3226.2	3241.8	3271.2
17.5°	3236.6	3227.9	3226.2	3217.5	3172.4	3172.4	3170.7	3182.8	3191.5	3207.1	3238.3
20°	3217.5	3214.0	3212.3	3207.1	3165.5	3158.5	3155.1	3155.1	3160.3	3165.5	3196.7
22.5°	3167.2	3170.7	3174.1	3177.6	3144.7	3132.5	3134.3	3130.8	3125.6	3125.6	3151.6
25°	3073.6	3090.9	3104.8	3120.4	3101.3	3092.7	3103.1	3097.9	3089.2	3082.3	3104.8
27.5°	2924.5	2960.9	2990.4	3028.5	3030.3	3023.3	3051.1	3047.6	3045.9	3035.5	3052.8
30°	2718.2	2775.4	2815.3	2870.8	2917.6	2924.5	2971.3	2978.3	2985.2	2980.0	2997.3
32.5°	2468.6	2546.6	2614.2	2700.9	2746.0	2785.8	2851.7	2879.4	2907.2	2915.8	2934.9
35°	2196.4	2284.8	2364.6	2459.9	2531.0	2617.7	2697.4	2739.0	2801.4	2825.7	2853.4
37.5°	1938.1	2021.3	2099.3	2194.7	2309.1	2399.2	2498.1	2591.7	2676.6	2711.3	2752.9
40°	1709.3	1776.9	1851.4	1934.7	2038.7	2156.5	2264.0	2394.0	2494.6	2563.9	2624.6
42.5°	1535.9	1568.9	1633.0	1707.6	1790.8	1910.4	2019.6	2165.2	2286.6	2385.4	2485.9
45°	1381.6	1397.2	1444.1	1483.9	1568.9	1674.6	1790.8	1932.9	2059.5	2186.0	2307.4
47.5°	1249.9	1269.0	1291.5	1315.8	1376.4	1464.9	1565.4	1693.7	1820.2	1967.6	2106.3
50°	1161.5	1166.7	1170.2	1180.6	1217.0	1277.6	1359.1	1468.3	1589.7	1747.4	1894.8
52.5°	1083.5	1083.5	1073.1	1067.9	1081.7	1119.9	1166.7	1244.7	1369.5	1515.1	1671.2
55°	1000.3	984.7	981.2	963.9	967.3	984.7	1007.2	1067.9	1170.2	1295.0	1445.8
57.5°	884.1	877.2	877.2	870.2	856.4	865.0	870.2	913.6	986.4	1093.9	1225.6
60°	750.6	747.2	755.8	757.6	745.4	750.6	748.9	774.9	826.9	913.6	1022.8
62.5°	617.1	632.7	634.5	641.4	634.5	632.7	641.4	664.0	690.0	755.8	840.8
65°	518.3	527.0	528.7	537.4	533.9	533.9	540.9	558.2	573.8	618.9	684.8
67.5°	454.2	450.7	452.5	457.7	452.5	450.7	455.9	466.3	478.5	506.2	553.0
70°	403.9	400.5	400.5	400.5	393.5	388.3	390.1	393.5	398.7	414.3	443.8
72.5°	365.8	365.8	360.6	355.4	350.2	346.7	343.2	339.8	338.0	343.2	358.8
75°	331.1	332.8	331.1	325.9	319.0	312.0	305.1	298.2	289.5	286.0	287.8
77.5°	299.9	301.6	303.4	301.6	294.7	286.0	275.6	265.2	253.1	241.0	234.0
80°	272.2	275.6	277.4	275.6	270.4	263.5	251.4	239.2	221.9	206.3	189.0
82.5°	247.9	253.1	254.8	254.8	251.4	244.4	230.6	216.7	197.6	176.8	154.3
85°	228.8	232.3	235.8	235.8	234.0	227.1	213.2	197.6	178.6	154.3	130.0
87.5°	209.8	211.5	215.0	218.4	215.0	208.0	195.9	178.6	159.5	135.2	107.5
90°	190.7	192.4	195.9	199.4	197.6	190.7	180.3	164.7	143.9	117.9	90.1
92.5°	171.6	175.1	176.8	178.6	180.3	175.1	166.4	150.8	130.0	104.0	78.0
95°	157.8	157.8	161.2	163.0	164.7	159.5	152.6	137.0	117.9	93.6	67.6
97.5°	143.9	143.9	147.4	147.4	149.1	145.6	138.7	124.8	105.7	83.2	57.2
100°	130.0	131.8	133.5	135.2	135.2	133.5	126.5	112.7	95.3	74.5	50.3
102.5°	121.3	121.3	123.1	123.1	124.8	121.3	114.4	102.3	84.9	65.9	43.3
105°	112.7	112.7	114.4	114.4	112.7	109.2	102.3	91.9	76.3	57.2	38.1
107.5°	105.7	105.7	105.7	105.7	104.0	100.5	93.6	81.5	67.6	52.0	34.7
110°	100.5	98.8	98.8	97.1	95.3	90.1	83.2	72.8	60.7	45.1	29.5



TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	95.3	93.6	91.9	90.1	86.7	81.5	74.5	65.9	53.7	39.9	26.0
115°	90.1	88.4	86.7	83.2	79.7	74.5	67.6	58.9	46.8	34.7	22.5
117.5°	84.9	83.2	79.7	76.3	72.8	67.6	60.7	52.0	41.6	31.2	20.8
120°	78.0	76.3	74.5	71.1	67.6	60.7	53.7	46.8	36.4	27.7	17.3
122.5°	72.8	71.1	67.6	65.9	60.7	55.5	48.5	41.6	32.9	24.3	15.6
125°	65.9	64.1	62.4	58.9	55.5	48.5	43.3	36.4	29.5	20.8	12.1
127.5°	60.7	58.9	55.5	52.0	48.5	43.3	38.1	32.9	26.0	17.3	12.1
130°	53.7	52.0	50.3	46.8	43.3	38.1	34.7	27.7	22.5	15.6	10.4
132.5°	46.8	46.8	45.1	41.6	38.1	34.7	29.5	24.3	19.1	13.9	8.7
135°	43.3	41.6	39.9	36.4	34.7	29.5	26.0	20.8	15.6	12.1	6.9
137.5°	38.1	36.4	34.7	32.9	29.5	26.0	22.5	17.3	13.9	10.4	6.9
140°	32.9	31.2	31.2	27.7	26.0	22.5	19.1	15.6	12.1	8.7	5.2
142.5°	29.5	27.7	26.0	24.3	22.5	19.1	15.6	12.1	10.4	6.9	5.2
145°	26.0	24.3	22.5	20.8	19.1	15.6	13.9	10.4	8.7	6.9	5.2
147.5°	20.8	20.8	19.1	17.3	15.6	13.9	12.1	10.4	6.9	5.2	3.5
150°	17.3	17.3	15.6	13.9	13.9	12.1	10.4	8.7	6.9	5.2	3.5
152.5°	15.6	13.9	13.9	12.1	12.1	10.4	8.7	6.9	5.2	5.2	3.5
155°	12.1	12.1	12.1	10.4	10.4	8.7	6.9	6.9	5.2	3.5	3.5
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: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3361.4	3340.6	3357.9	3389.1	3385.6	3382.2	3378.7	3385.6	3408.2	3396.0	3377.0
5°	3356.2	3335.4	3354.4	3383.9	3382.2	3377.0	3373.5	3380.4	3403.0	3390.8	3370.0
7.5°	3345.8	3326.7	3340.6	3370.0	3370.0	3366.6	3363.1	3370.0	3390.8	3380.4	3359.6
10°	3328.4	3314.6	3328.4	3356.2	3357.9	3351.0	3347.5	3356.2	3377.0	3371.8	3354.4
12.5°	3314.6	3300.7	3316.3	3344.0	3345.8	3338.8	3333.6	3344.0	3371.8	3375.2	3370.0
15°	3295.5	3283.4	3302.4	3331.9	3331.9	3326.7	3326.7	3340.6	3378.7	3394.3	3403.0
17.5°	3267.8	3259.1	3281.6	3311.1	3312.8	3309.4	3311.1	3338.8	3389.1	3427.2	3451.5
20°	3233.1	3229.6	3253.9	3285.1	3290.3	3292.0	3300.7	3342.3	3411.6	3463.7	3487.9
22.5°	3191.5	3193.2	3221.0	3253.9	3260.8	3266.0	3283.4	3342.3	3429.0	3484.5	3494.9
25°	3144.7	3149.9	3179.3	3219.2	3227.9	3238.3	3267.8	3344.0	3434.2	3470.6	3453.3
27.5°	3094.4	3104.8	3142.9	3184.5	3195.0	3212.3	3250.4	3333.6	3409.9	3411.6	3347.5
30°	3042.4	3054.5	3099.6	3148.1	3165.5	3182.8	3229.6	3309.4	3351.0	3295.5	3182.8
32.5°	2983.5	3000.8	3045.9	3104.8	3125.6	3148.1	3195.0	3262.6	3247.0	3127.3	2966.1
35°	2908.9	2933.2	2985.2	3054.5	3073.6	3103.1	3136.0	3151.6	3082.3	2912.4	2730.4
37.5°	2817.0	2853.4	2914.1	2993.9	3014.7	3033.7	3042.4	2999.1	2860.4	2676.6	2487.7
40°	2711.3	2766.8	2832.6	2921.0	2941.9	2941.9	2910.6	2818.8	2643.7	2402.7	2193.0
42.5°	2583.0	2650.6	2733.8	2822.2	2843.0	2818.8	2744.2	2583.0	2383.6	2114.9	1893.0
45°	2427.0	2517.1	2610.7	2702.6	2713.0	2659.3	2525.8	2321.2	2075.1	1825.4	1613.9
47.5°	2241.5	2359.4	2461.7	2565.7	2551.8	2461.7	2283.1	2050.8	1790.8	1555.0	1385.1
50°	2033.5	2172.2	2286.6	2385.4	2355.9	2231.1	2021.3	1778.6	1520.3	1319.2	1178.8
52.5°	1811.6	1971.1	2085.5	2165.2	2125.3	1976.3	1745.7	1513.4	1301.9	1118.1	1024.5
55°	1581.0	1742.2	1860.1	1922.5	1870.5	1709.3	1482.2	1270.7	1071.3	951.7	896.3
57.5°	1357.4	1508.2	1619.1	1669.4	1603.5	1442.3	1232.6	1054.0	910.1	809.6	781.8
60°	1142.4	1265.5	1371.2	1409.4	1338.3	1189.2	1008.9	866.8	761.0	691.7	677.8
62.5°	943.1	1043.6	1126.8	1156.3	1086.9	970.8	814.8	709.0	634.5	599.8	582.5
65°	778.4	837.3	922.3	917.1	875.4	768.0	653.6	579.0	530.5	507.9	497.5
67.5°	611.9	665.7	719.4	726.4	674.4	599.8	525.3	471.5	445.5	433.4	428.2
70°	473.3	513.1	546.1	537.4	509.7	462.9	416.1	386.6	376.2	371.0	371.0
72.5°	367.5	388.3	403.9	393.5	376.2	351.9	329.4	317.2	319.0	322.4	325.9
75°	284.3	289.5	293.0	282.6	279.1	263.5	261.8	263.5	273.9	284.3	289.5
77.5°	218.4	211.5	206.3	195.9	197.6	195.9	204.6	218.4	234.0	249.6	263.5
80°	168.2	152.6	140.4	130.0	135.2	143.9	161.2	182.0	202.8	220.2	237.5
82.5°	130.0	107.5	90.1	79.7	90.1	104.0	126.5	152.6	176.8	195.9	215.0
85°	100.5	74.5	53.7	43.3	53.7	74.5	98.8	128.3	154.3	175.1	194.2
87.5°	78.0	53.7	29.5	17.3	29.5	52.0	79.7	107.5	133.5	157.8	176.8
90°	62.4	36.4	13.9	3.5	15.6	36.4	62.4	90.1	116.1	142.2	161.2
92.5°	50.3	26.0	6.9	0.0	8.7	27.7	52.0	78.0	104.0	128.3	147.4
95°	41.6	20.8	5.2	0.0	6.9	20.8	41.6	67.6	91.9	116.1	131.8
97.5°	34.7	15.6	3.5	0.0	3.5	17.3	34.7	57.2	81.5	104.0	119.6
100°	29.5	13.9	3.5	0.0	3.5	13.9	29.5	50.3	71.1	91.9	107.5
102.5°	24.3	10.4	1.7	1.7	1.7	10.4	26.0	43.3	62.4	81.5	97.1
105°	22.5	8.7	1.7	1.7	1.7	8.7	22.5	38.1	55.5	72.8	86.7
107.5°	19.1	6.9	1.7	1.7	1.7	6.9	19.1	32.9	50.3	65.9	78.0
110°	15.6	6.9	1.7	1.7	1.7	6.9	15.6	29.5	43.3	57.2	69.3



TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	13.9	5.2	1.7	1.7	1.7	5.2	13.9	26.0	38.1	52.0	62.4
115°	12.1	5.2	1.7	1.7	1.7	5.2	12.1	22.5	32.9	45.1	55.5
117.5°	10.4	5.2	1.7	1.7	1.7	3.5	10.4	19.1	29.5	39.9	50.3
120°	8.7	3.5	1.7	1.7	1.7	3.5	8.7	17.3	26.0	34.7	43.3
122.5°	8.7	3.5	1.7	1.7	1.7	3.5	6.9	13.9	22.5	29.5	38.1
125°	6.9	3.5	1.7	1.7	1.7	1.7	6.9	12.1	19.1	26.0	32.9
127.5°	6.9	3.5	1.7	1.7	1.7	1.7	5.2	10.4	15.6	22.5	29.5
130°	5.2	3.5	1.7	1.7	1.7	1.7	3.5	8.7	13.9	19.1	24.3
132.5°	5.2	3.5	1.7	1.7	1.7	1.7	3.5	6.9	10.4	15.6	20.8
135°	5.2	1.7	1.7	1.7	1.7	1.7	1.7	5.2	8.7	12.1	15.6
137.5°	3.5	1.7	1.7	1.7	1.7	1.7	1.7	3.5	6.9	8.7	13.9
140°	3.5	1.7	1.7	1.7	1.7	1.7	1.7	3.5	5.2	6.9	10.4
142.5°	3.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.5	5.2	8.7
145°	3.5	1.7	1.7	3.5	3.5	1.7	1.7	3.5	3.5	5.2	6.9
147.5°	3.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.5	3.5	5.2
150°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.2
152.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
155°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
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: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3373.5	3333.6	3354.4	3347.5	3354.4	3371.8	3370.0	3364.8	3368.3	3359.6	3351.0
5°	3366.6	3326.7	3347.5	3338.8	3347.5	3364.8	3361.4	3356.2	3361.4	3351.0	3342.3
7.5°	3357.9	3321.5	3345.8	3344.0	3359.6	3382.2	3383.9	3383.9	3396.0	3380.4	3373.5
10°	3357.9	3338.8	3371.8	3383.9	3423.8	3453.3	3456.7	3463.7	3484.5	3481.0	3463.7
12.5°	3394.3	3390.8	3439.4	3468.9	3505.3	3546.9	3569.4	3576.3	3590.2	3579.8	3572.9
15°	3441.1	3458.5	3512.2	3545.1	3585.0	3616.2	3621.4	3624.9	3635.3	3619.7	3607.5
17.5°	3503.5	3513.9	3557.3	3571.1	3597.1	3602.3	3595.4	3578.1	3578.1	3543.4	3533.0
20°	3533.0	3527.8	3545.1	3522.6	3512.2	3481.0	3451.5	3418.6	3416.8	3380.4	3377.0
22.5°	3507.0	3472.3	3435.9	3380.4	3356.2	3311.1	3271.2	3252.2	3240.0	3193.2	3181.1
25°	3415.1	3330.2	3276.4	3210.6	3151.6	3099.6	3061.5	3021.6	2983.5	2945.3	2928.0
27.5°	3255.6	3175.9	3089.2	2997.3	2915.8	2836.1	2772.0	2732.1	2695.7	2645.4	2619.4
30°	3059.7	2948.8	2853.4	2765.0	2631.5	2534.5	2480.7	2401.0	2373.2	2350.7	2302.2
32.5°	2829.2	2695.7	2565.7	2446.1	2309.1	2219.0	2147.9	2088.9	2071.6	2012.7	1998.8
35°	2574.3	2399.2	2251.9	2134.0	2035.2	1926.0	1867.0	1827.2	1792.5	1752.6	1745.7
37.5°	2274.4	2116.7	1950.3	1846.2	1768.2	1674.6	1629.5	1601.8	1586.2	1556.7	1551.5
40°	1972.8	1815.0	1700.6	1596.6	1548.1	1497.8	1464.9	1452.7	1445.8	1435.4	1425.0
42.5°	1698.9	1560.2	1478.7	1409.4	1388.6	1364.3	1355.6	1362.6	1355.6	1352.2	1350.4
45°	1466.6	1360.8	1303.6	1282.8	1277.6	1270.7	1277.6	1289.8	1291.5	1288.0	1288.0
47.5°	1255.1	1204.8	1180.6	1184.0	1192.7	1197.9	1210.0	1225.6	1229.1	1220.4	1223.9
50°	1116.4	1086.9	1081.7	1095.6	1114.7	1121.6	1135.5	1147.6	1145.9	1142.4	1138.9
52.5°	986.4	977.7	991.6	1005.5	1026.3	1029.7	1034.9	1040.1	1038.4	1031.5	1028.0
55°	877.2	884.1	896.3	901.5	917.1	915.3	917.1	917.1	910.1	906.7	901.5
57.5°	778.4	780.1	787.0	788.8	797.4	794.0	792.2	788.8	778.4	776.6	771.4
60°	677.8	674.4	690.0	677.8	684.8	677.8	676.1	667.4	657.0	655.3	651.8
62.5°	582.5	575.5	585.9	580.7	584.2	577.3	573.8	563.4	554.7	553.0	551.3
65°	497.5	494.1	504.5	502.7	506.2	497.5	494.1	487.1	480.2	478.5	476.7
67.5°	426.5	435.1	440.3	440.3	443.8	442.1	433.4	431.7	429.9	423.0	423.0
70°	374.4	379.6	390.1	391.8	390.1	393.5	386.6	384.9	383.1	379.6	377.9
72.5°	332.8	339.8	350.2	351.9	350.2	350.2	346.7	345.0	345.0	339.8	339.8
75°	299.9	308.6	317.2	317.2	317.2	313.8	310.3	310.3	306.8	305.1	301.6
77.5°	272.2	282.6	289.5	287.8	286.0	282.6	282.6	277.4	272.2	272.2	268.7
80°	251.4	258.3	263.5	261.8	260.0	254.8	253.1	247.9	244.4	239.2	239.2
82.5°	228.8	237.5	241.0	239.2	235.8	230.6	228.8	225.4	221.9	220.2	216.7
85°	209.8	218.4	220.2	216.7	213.2	209.8	208.0	206.3	204.6	201.1	201.1
87.5°	190.7	199.4	199.4	197.6	194.2	192.4	190.7	189.0	187.2	185.5	183.8
90°	175.1	182.0	182.0	180.3	178.6	176.8	175.1	173.4	171.6	169.9	169.9
92.5°	159.5	166.4	166.4	164.7	163.0	161.2	161.2	159.5	157.8	156.0	154.3
95°	145.6	152.6	152.6	152.6	150.8	149.1	149.1	147.4	145.6	145.6	143.9
97.5°	131.8	138.7	138.7	138.7	137.0	135.2	135.2	133.5	133.5	133.5	131.8
100°	119.6	124.8	126.5	126.5	124.8	124.8	124.8	123.1	123.1	123.1	121.3
102.5°	107.5	112.7	116.1	116.1	116.1	114.4	114.4	114.4	114.4	114.4	112.7
105°	97.1	102.3	105.7	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
107.5°	88.4	93.6	97.1	98.8	100.5	100.5	102.3	102.3	102.3	102.3	102.3
110°	79.7	84.9	90.1	91.9	93.6	95.3	95.3	97.1	95.3	95.3	95.3



TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	71.1	78.0	81.5	84.9	86.7	88.4	90.1	90.1	90.1	90.1	90.1
115°	64.1	71.1	74.5	78.0	81.5	83.2	83.2	84.9	84.9	84.9	83.2
117.5°	57.2	64.1	67.6	71.1	72.8	76.3	78.0	78.0	78.0	78.0	76.3
120°	52.0	57.2	60.7	64.1	67.6	69.3	71.1	71.1	71.1	71.1	71.1
122.5°	45.1	50.3	55.5	58.9	60.7	62.4	64.1	64.1	64.1	64.1	64.1
125°	39.9	45.1	48.5	52.0	53.7	57.2	57.2	57.2	57.2	57.2	57.2
127.5°	34.7	39.9	43.3	46.8	48.5	50.3	52.0	52.0	52.0	52.0	52.0
130°	29.5	34.7	38.1	41.6	43.3	45.1	45.1	46.8	46.8	46.8	46.8
132.5°	26.0	29.5	32.9	36.4	38.1	39.9	39.9	41.6	41.6	41.6	41.6
135°	20.8	26.0	27.7	31.2	32.9	34.7	34.7	36.4	36.4	36.4	36.4
137.5°	17.3	20.8	24.3	27.7	29.5	29.5	31.2	31.2	32.9	32.9	32.9
140°	13.9	15.6	20.8	22.5	24.3	26.0	27.7	27.7	27.7	27.7	27.7
142.5°	10.4	13.9	15.6	19.1	20.8	22.5	24.3	24.3	24.3	24.3	24.3
145°	8.7	10.4	12.1	15.6	17.3	19.1	20.8	20.8	20.8	20.8	20.8
147.5°	6.9	8.7	10.4	12.1	13.9	15.6	17.3	17.3	17.3	17.3	17.3
150°	5.2	6.9	8.7	8.7	10.4	12.1	13.9	15.6	15.6	15.6	15.6
152.5°	5.2	5.2	6.9	6.9	8.7	10.4	12.1	12.1	12.1	12.1	12.1
155°	3.5	5.2	5.2	5.2	6.9	6.9	8.7	10.4	10.4	10.4	10.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3356.2	3363.1	3359.6	3354.4	3352.7	3361.4	3352.7	3312.8	3328.4	3330.2	3342.3
5°	3351.0	3356.2	3352.7	3349.2	3344.0	3354.4	3344.0	3302.4	3318.0	3319.8	3331.9
7.5°	3385.6	3387.4	3387.4	3378.7	3364.8	3370.0	3356.2	3309.4	3318.0	3318.0	3326.7
10°	3472.3	3475.8	3481.0	3458.5	3441.1	3427.2	3408.2	3351.0	3349.2	3335.4	3335.4
12.5°	3585.0	3576.3	3567.7	3557.3	3543.4	3526.1	3498.3	3430.7	3408.2	3385.6	3363.1
15°	3617.9	3614.5	3612.7	3607.5	3598.9	3593.7	3572.9	3505.3	3472.3	3444.6	3404.7
17.5°	3531.3	3538.2	3560.7	3562.5	3572.9	3593.7	3590.2	3543.4	3513.9	3501.8	3453.3
20°	3375.2	3377.0	3404.7	3416.8	3461.9	3496.6	3522.6	3517.4	3510.5	3524.3	3487.9
22.5°	3188.0	3200.2	3229.6	3248.7	3292.0	3331.9	3373.5	3396.0	3432.4	3489.7	3482.7
25°	2933.2	2948.8	2990.4	3021.6	3082.3	3142.9	3198.4	3238.3	3281.6	3390.8	3427.2
27.5°	2628.1	2652.3	2706.1	2737.3	2822.2	2884.6	2964.4	3042.4	3103.1	3227.9	3302.4
30°	2307.4	2328.2	2385.4	2428.7	2501.5	2586.5	2687.0	2798.0	2898.5	3025.1	3118.7
32.5°	2007.5	2030.0	2076.8	2114.9	2196.4	2267.5	2378.4	2515.4	2609.0	2784.1	2908.9
35°	1745.7	1766.5	1799.4	1832.4	1900.0	1972.8	2068.1	2201.6	2321.2	2503.3	2661.0
37.5°	1561.9	1565.4	1584.5	1603.5	1653.8	1709.3	1783.8	1901.7	2012.7	2208.6	2381.9
40°	1430.2	1430.2	1440.6	1445.8	1468.3	1501.3	1548.1	1639.9	1731.8	1880.9	2092.4
42.5°	1348.7	1345.2	1345.2	1347.0	1345.2	1360.8	1388.6	1431.9	1513.4	1636.5	1801.2
45°	1288.0	1281.1	1275.9	1263.8	1256.8	1256.8	1258.6	1274.2	1321.0	1400.7	1534.2
47.5°	1220.4	1218.7	1210.0	1196.2	1184.0	1175.4	1161.5	1156.3	1170.2	1215.2	1305.4
50°	1142.4	1133.7	1125.1	1114.7	1100.8	1092.1	1066.1	1067.9	1055.7	1076.5	1123.3
52.5°	1028.0	1021.1	1017.6	1008.9	1003.7	1000.3	979.5	958.7	953.5	956.9	974.3
55°	901.5	904.9	891.0	898.0	896.3	880.6	872.0	856.4	851.2	849.4	858.1
57.5°	769.7	773.2	764.5	771.4	771.4	762.8	757.6	757.6	745.4	735.0	747.2
60°	650.1	643.2	648.4	657.0	657.0	651.8	648.4	648.4	639.7	636.2	644.9
62.5°	553.0	546.1	551.3	559.9	561.7	558.2	554.7	554.7	544.3	544.3	551.3
65°	478.5	480.2	478.5	485.4	485.4	487.1	483.7	480.2	468.1	473.3	471.5
67.5°	424.7	423.0	423.0	429.9	428.2	431.7	428.2	423.0	414.3	407.4	405.7
70°	379.6	377.9	377.9	381.4	383.1	383.1	381.4	377.9	365.8	358.8	353.6
72.5°	339.8	338.0	339.8	341.5	343.2	345.0	343.2	339.8	329.4	320.7	312.0
75°	303.4	301.6	306.8	306.8	308.6	308.6	310.3	308.6	299.9	289.5	279.1
77.5°	267.0	268.7	273.9	275.6	279.1	280.8	282.6	282.6	273.9	265.2	251.4
80°	237.5	241.0	244.4	246.2	249.6	254.8	256.6	258.3	251.4	242.7	227.1
82.5°	216.7	218.4	221.9	223.6	228.8	230.6	232.3	235.8	232.3	223.6	206.3
85°	199.4	201.1	204.6	204.6	208.0	211.5	213.2	215.0	213.2	204.6	187.2
87.5°	183.8	185.5	187.2	189.0	190.7	192.4	194.2	195.9	194.2	185.5	169.9
90°	169.9	169.9	171.6	171.6	173.4	175.1	178.6	178.6	176.8	169.9	154.3
92.5°	154.3	156.0	156.0	157.8	159.5	161.2	163.0	163.0	161.2	154.3	140.4
95°	143.9	143.9	145.6	145.6	147.4	147.4	149.1	149.1	147.4	140.4	126.5
97.5°	131.8	131.8	131.8	131.8	133.5	133.5	135.2	135.2	133.5	126.5	114.4
100°	121.3	121.3	121.3	121.3	121.3	123.1	123.1	123.1	121.3	114.4	102.3
102.5°	112.7	112.7	112.7	112.7	112.7	112.7	112.7	112.7	109.2	104.0	91.9
105°	107.5	107.5	107.5	105.7	105.7	105.7	104.0	104.0	98.8	93.6	83.2
107.5°	100.5	100.5	100.5	98.8	98.8	97.1	95.3	95.3	90.1	84.9	74.5
110°	95.3	95.3	95.3	93.6	91.9	90.1	88.4	86.7	81.5	74.5	65.9





TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	90.1	90.1	88.4	88.4	86.7	84.9	81.5	79.7	74.5	67.6	58.9
115°	83.2	83.2	83.2	81.5	79.7	78.0	76.3	72.8	67.6	60.7	52.0
117.5°	76.3	76.3	76.3	74.5	72.8	71.1	69.3	65.9	60.7	53.7	46.8
120°	69.3	69.3	69.3	67.6	65.9	64.1	62.4	58.9	53.7	48.5	39.9
122.5°	64.1	64.1	62.4	60.7	58.9	57.2	55.5	52.0	48.5	41.6	34.7
125°	57.2	57.2	55.5	55.5	53.7	52.0	50.3	46.8	41.6	36.4	31.2
127.5°	52.0	50.3	50.3	50.3	48.5	46.8	43.3	41.6	36.4	31.2	26.0
130°	45.1	45.1	45.1	43.3	43.3	41.6	38.1	34.7	31.2	27.7	22.5
132.5°	39.9	39.9	39.9	39.9	38.1	36.4	32.9	31.2	27.7	22.5	19.1
135°	36.4	36.4	34.7	34.7	32.9	31.2	29.5	26.0	22.5	19.1	15.6
137.5°	31.2	31.2	31.2	29.5	29.5	27.7	24.3	22.5	20.8	17.3	13.9
140°	27.7	27.7	26.0	26.0	24.3	24.3	22.5	19.1	17.3	13.9	12.1
142.5°	24.3	24.3	22.5	22.5	20.8	20.8	19.1	17.3	13.9	12.1	8.7
145°	20.8	20.8	19.1	19.1	19.1	17.3	15.6	13.9	12.1	10.4	8.7
147.5°	17.3	17.3	17.3	15.6	15.6	13.9	13.9	12.1	10.4	8.7	6.9
150°	15.6	15.6	13.9	13.9	13.9	12.1	10.4	10.4	8.7	6.9	5.2
152.5°	12.1	12.1	12.1	12.1	10.4	10.4	8.7	8.7	6.9	5.2	5.2
155°	10.4	10.4	10.4	8.7	8.7	8.7	6.9	6.9	5.2	5.2	3.5
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: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2	3356.2
2.5°	3337.1	3335.4	3351.0	3349.2	3328.4	3359.6	3380.4
5°	3328.4	3326.7	3340.6	3344.0	3321.5	3354.4	3377.0
7.5°	3321.5	3319.8	3335.4	3340.6	3318.0	3347.5	3371.8
10°	3323.2	3314.6	3328.4	3331.9	3311.1	3342.3	3363.1
12.5°	3335.4	3314.6	3319.8	3319.8	3300.7	3328.4	3351.0
15°	3364.8	3321.5	3314.6	3309.4	3285.1	3311.1	3333.6
17.5°	3397.8	3338.8	3314.6	3297.2	3267.8	3290.3	3314.6
20°	3430.7	3357.9	3318.0	3290.3	3250.4	3271.2	3288.6
22.5°	3446.3	3375.2	3321.5	3279.9	3229.6	3240.0	3259.1
25°	3425.5	3368.3	3314.6	3264.3	3203.6	3205.4	3221.0
27.5°	3349.2	3333.6	3299.0	3248.7	3182.8	3174.1	3186.3
30°	3219.2	3262.6	3264.3	3227.9	3158.5	3141.2	3146.4
32.5°	3037.2	3134.3	3191.5	3184.5	3123.9	3099.6	3103.1
35°	2827.4	2948.8	3073.6	3115.2	3071.9	3052.8	3045.9
37.5°	2576.1	2739.0	2905.4	3007.7	3000.8	2988.7	2981.7
40°	2298.7	2494.6	2692.2	2855.2	2905.4	2905.4	2908.9
42.5°	2002.3	2231.1	2447.8	2654.1	2772.0	2798.0	2808.4
45°	1716.2	1946.8	2182.6	2420.0	2577.8	2659.3	2688.8
47.5°	1456.2	1688.5	1912.1	2172.2	2381.9	2487.7	2534.5
50°	1234.3	1407.7	1643.4	1901.7	2130.5	2260.6	2352.4
52.5°	1050.5	1185.8	1392.0	1633.0	1863.6	2042.1	2127.1
55°	896.3	988.1	1163.2	1371.2	1591.4	1776.9	1875.7
57.5°	766.2	839.0	958.7	1132.0	1317.5	1501.3	1607.0
60°	651.8	702.1	783.6	920.5	1078.3	1236.0	1338.3
62.5°	553.0	585.9	639.7	740.2	863.3	986.4	1081.7
65°	476.7	490.6	520.1	582.5	676.1	769.7	851.2
67.5°	402.2	410.9	433.4	471.5	518.3	585.9	639.7
70°	346.7	346.7	348.4	371.0	395.3	438.6	476.7
72.5°	301.6	296.4	286.0	291.2	296.4	320.7	345.0
75°	265.2	253.1	235.8	228.8	225.4	228.8	242.7
77.5°	234.0	216.7	195.9	178.6	164.7	159.5	171.6
80°	208.0	187.2	163.0	140.4	117.9	105.7	110.9
82.5°	187.2	161.2	135.2	109.2	83.2	65.9	65.9
85°	164.7	140.4	112.7	84.9	58.9	36.4	32.9
87.5°	149.1	123.1	93.6	67.6	41.6	19.1	10.4
90°	133.5	107.5	79.7	53.7	29.5	8.7	0.0
92.5°	119.6	95.3	69.3	43.3	20.8	5.2	0.0
95°	107.5	84.9	58.9	36.4	17.3	3.5	1.7
97.5°	95.3	74.5	52.0	29.5	12.1	3.5	1.7
100°	86.7	65.9	45.1	24.3	10.4	1.7	1.7
102.5°	76.3	58.9	38.1	20.8	8.7	1.7	1.7
105°	67.6	52.0	32.9	17.3	6.9	1.7	1.7
107.5°	60.7	45.1	29.5	15.6	6.9	1.7	1.7
110°	53.7	39.9	26.0	13.9	5.2	1.7	1.7



TEST NUMBER: P290239

CATALOG NUMBER: 8SSRK-LC-80-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	48.5	34.7	22.5	12.1	3.5	1.7	1.7
115°	41.6	31.2	19.1	10.4	3.5	1.7	1.7
117.5°	36.4	26.0	17.3	8.7	3.5	1.7	1.7
120°	31.2	22.5	13.9	6.9	1.7	1.7	1.7
122.5°	27.7	19.1	12.1	6.9	1.7	1.7	1.7
125°	24.3	17.3	10.4	5.2	1.7	1.7	1.7
127.5°	20.8	13.9	8.7	3.5	1.7	1.7	1.7
130°	17.3	12.1	6.9	3.5	1.7	1.7	1.7
132.5°	13.9	10.4	6.9	3.5	1.7	1.7	1.7
135°	12.1	8.7	5.2	3.5	1.7	1.7	1.7
137.5°	10.4	6.9	3.5	3.5	3.5	1.7	1.7
140°	8.7	5.2	3.5	3.5	3.5	3.5	1.7
142.5°	6.9	5.2	3.5	3.5	3.5	3.5	1.7
145°	5.2	3.5	3.5	3.5	3.5	3.5	1.7
147.5°	5.2	3.5	3.5	3.5	3.5	3.5	1.7
150°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
152.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
155°	3.5	3.5	3.5	3.5	3.5	3.5	3.5
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)