

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: P290241

Luminaire Tested: **8SSRK-LC-80-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: P290241  
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-L835-CD1-U  
Description: 8000 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: 8732.0 lumens  
Efficiency: N/A  
Efficacy: 154.1 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

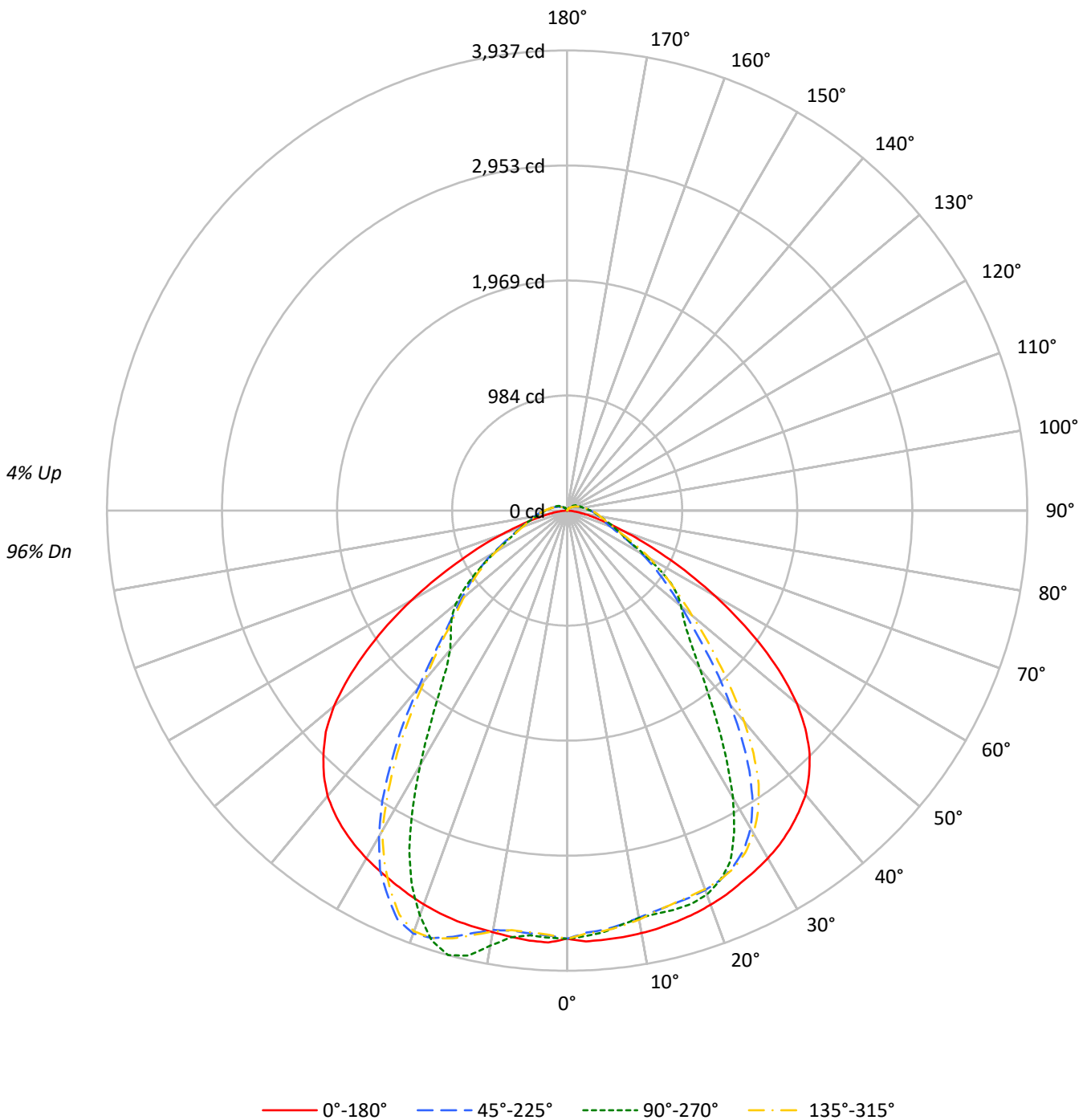
Input Watts (W): 56.6491  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### 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°	118277	118277	118277	118277
5°	119248	86906	119493	87588
10°	119911	68065	119662	72684
15°	120952	57059	120889	63531
20°	122404	48922	122278	51569
25°	124044	41125	123977	39737
30°	126518	31953	126588	28308
35°	129158	23351	129523	19760
40°	131526	17081	132072	15049
45°	131271	13185	131951	12839
50°	125853	11075	127613	10828
55°	111919	9076	114712	8251
60°	91045	6319	95882	5795
65°	67947	4377	73199	4151
70°	46464	3397	52376	3247
75°	30666	2727	35702	2579
80°	20140	2228	23599	2050
85°	10743	1906	14154	1741



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	347.9	4.0
10°-20°	1035.2	11.9
20°-30°	1573.8	18.0
30°-40°	1688.3	19.3
40°-50°	1465.3	16.8
50°-60°	1085.9	12.4
60°-70°	622.2	7.1
70°-80°	344.5	3.9
80°-90°	209.8	2.4
90°-100°	136.4	1.6
100°-110°	91.4	1.0
110°-120°	61.7	0.7
120°-130°	37.9	0.4
130°-140°	19.9	0.2
140°-150°	9.1	0.1
150°-160°	2.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2956.9	33.9
0°-40°	4645.2	53.2
0°-60°	7196.4	82.4
0°-90°	8372.9	95.9
90°-120°	289.5	3.3
90°-150°	356.4	4.1
90°-180°	359.0	4.1
0°-180°	8732.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3663	3663	3663	3663	3663	
5°	3686	3619	3693	3648	3686	351
15°	3638	3536	3636	3937	3638	1029
25°	3515	3307	3513	3196	3515	1625
35°	3324	2251	3334	1905	3324	2081
45°	2934	1444	2950	1406	2934	2247
55°	2047	1082	2098	984	2047	1815
65°	929	549	1001	520	929	937
75°	265	348	308	329	265	302
85°	36	240	47	220	36	47
90°	0	200	4	185	0	2
95°	2	165	0	157	2	1
105°	2	123	2	117	2	2
115°	2	100	2	91	2	2
125°	2	76	2	62	2	2
135°	2	47	2	40	2	1
145°	2	28	4	23	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°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3689.3	3679.9	3676.1	3668.5	3674.2	3696.9	3681.7	3657.2	3659.0	3615.5	3638.2
5°	3685.5	3674.2	3668.5	3660.9	3664.7	3685.5	3670.4	3645.8	3643.9	3600.4	3621.2
7.5°	3679.9	3668.5	3659.0	3653.4	3655.3	3672.3	3653.4	3625.0	3619.3	3572.0	3590.9
10°	3670.4	3662.8	3649.6	3640.1	3638.2	3657.2	3626.9	3598.5	3585.3	3536.1	3555.0
12.5°	3657.2	3645.8	3632.6	3615.5	3613.6	3625.0	3600.4	3560.7	3547.4	3507.7	3528.5
15°	3638.2	3625.0	3609.9	3590.9	3581.5	3589.0	3558.8	3522.8	3520.9	3486.9	3515.3
17.5°	3617.4	3598.5	3581.5	3555.0	3541.7	3547.4	3522.8	3490.7	3494.4	3473.6	3505.8
20°	3589.0	3568.2	3541.7	3515.3	3496.3	3505.8	3488.8	3464.2	3469.8	3454.7	3483.1
22.5°	3556.9	3528.5	3496.3	3466.1	3450.9	3464.2	3450.9	3430.1	3432.0	3422.6	3439.6
25°	3515.3	3483.1	3445.3	3407.4	3399.8	3409.3	3401.7	3384.7	3377.1	3362.0	3369.6
27.5°	3477.4	3441.5	3394.2	3354.4	3341.2	3360.1	3343.1	3314.7	3293.9	3273.1	3257.9
30°	3433.9	3390.4	3337.4	3292.0	3280.7	3288.2	3263.6	3220.1	3165.2	3138.8	3097.1
32.5°	3386.6	3329.8	3263.6	3212.5	3205.0	3199.3	3153.9	3091.5	3006.3	2953.3	2889.0
35°	3324.2	3261.7	3182.3	3119.8	3108.5	3076.3	3002.5	2919.3	2809.6	2718.7	2609.0
37.5°	3254.2	3180.4	3097.1	3013.9	2981.7	2917.4	2813.3	2726.3	2559.8	2450.1	2317.6
40°	3174.7	3085.8	2983.6	2883.3	2830.4	2726.3	2607.1	2478.5	2317.6	2170.1	2058.4
42.5°	3065.0	2970.4	2849.3	2737.7	2646.8	2508.7	2368.7	2187.1	2039.5	1914.7	1801.1
45°	2934.4	2820.9	2680.9	2546.6	2431.2	2266.6	2102.0	1920.3	1797.4	1651.7	1574.1
47.5°	2766.0	2643.1	2493.6	2344.1	2192.8	2011.2	1839.0	1664.9	1541.9	1437.9	1381.1
50°	2567.4	2453.9	2289.3	2111.4	1944.9	1755.7	1583.6	1453.0	1333.8	1269.5	1226.0
52.5°	2321.4	2215.5	2047.1	1854.1	1693.3	1507.9	1350.9	1244.9	1159.8	1112.5	1097.3
55°	2047.1	1954.4	1787.9	1608.2	1443.6	1273.3	1154.1	1061.4	1006.5	978.1	980.0
57.5°	1753.8	1681.9	1524.9	1364.1	1209.0	1080.3	972.5	898.7	857.1	855.2	860.8
60°	1460.6	1407.6	1271.4	1133.3	997.1	893.0	813.5	762.5	736.0	737.9	736.0
62.5°	1180.6	1131.4	1033.0	919.5	811.6	741.6	669.8	648.9	626.2	624.3	624.3
65°	929.0	891.1	811.6	730.3	648.9	603.5	567.6	543.0	526.0	522.2	524.1
67.5°	698.1	683.0	628.1	573.3	522.2	493.8	463.5	457.9	444.6	444.6	448.4
70°	520.3	508.9	478.7	446.5	425.7	406.8	391.6	391.6	389.7	387.9	397.3
72.5°	376.5	378.4	368.9	344.3	342.4	338.7	334.9	340.6	342.4	348.1	359.5
75°	264.9	270.5	270.5	266.8	274.3	283.8	289.5	298.9	310.3	317.8	331.1
77.5°	187.3	187.3	196.8	208.1	223.3	240.3	255.4	268.7	283.8	293.3	304.6
80°	121.1	126.8	141.9	162.7	183.5	206.2	227.0	244.1	259.2	274.3	281.9
82.5°	71.9	81.4	100.3	126.8	153.2	181.6	202.4	223.3	240.3	255.4	261.1
85°	35.9	49.2	71.9	100.3	128.7	158.9	185.4	204.3	223.3	236.5	244.1
87.5°	11.4	26.5	51.1	77.6	107.8	138.1	166.5	187.3	204.3	215.7	223.3
90°	0.0	13.2	35.9	64.3	92.7	123.0	149.5	172.2	189.2	198.7	204.3
92.5°	0.0	7.6	28.4	53.0	79.5	109.7	136.2	157.0	172.2	181.6	185.4
95°	1.9	5.7	20.8	43.5	70.0	98.4	123.0	141.9	157.0	166.5	168.4
97.5°	1.9	3.8	17.0	35.9	60.5	87.0	111.6	130.5	141.9	151.4	153.2
100°	1.9	3.8	13.2	32.2	53.0	77.6	100.3	117.3	130.5	138.1	140.0
102.5°	1.9	1.9	11.4	26.5	47.3	68.1	88.9	105.9	117.3	124.9	128.7
105°	1.9	1.9	9.5	22.7	41.6	60.5	79.5	96.5	105.9	113.5	117.3
107.5°	1.9	1.9	7.6	18.9	35.9	53.0	71.9	85.1	96.5	104.1	107.8
110°	1.9	1.9	5.7	17.0	30.3	47.3	62.4	75.7	87.0	94.6	98.4



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.9	1.9	5.7	15.1	26.5	41.6	54.9	68.1	77.6	85.1	90.8
115°	1.9	1.9	5.7	13.2	24.6	35.9	49.2	60.5	70.0	77.6	83.2
117.5°	1.9	1.9	5.7	11.4	20.8	32.2	43.5	54.9	62.4	70.0	75.7
120°	1.9	1.9	3.8	9.5	18.9	28.4	37.8	47.3	56.8	64.3	70.0
122.5°	1.9	1.9	3.8	9.5	15.1	24.6	34.1	41.6	51.1	56.8	62.4
125°	1.9	1.9	3.8	7.6	13.2	22.7	30.3	37.8	43.5	51.1	56.8
127.5°	1.9	1.9	3.8	7.6	11.4	18.9	26.5	34.1	39.7	45.4	49.2
130°	1.9	1.9	3.8	5.7	9.5	15.1	22.7	28.4	35.9	39.7	43.5
132.5°	1.9	1.9	1.9	5.7	7.6	11.4	17.0	24.6	30.3	35.9	37.8
135°	1.9	1.9	1.9	3.8	7.6	9.5	13.2	18.9	24.6	30.3	34.1
137.5°	1.9	1.9	1.9	3.8	5.7	9.5	11.4	15.1	20.8	24.6	30.3
140°	1.9	1.9	1.9	3.8	5.7	7.6	9.5	13.2	17.0	20.8	24.6
142.5°	1.9	1.9	1.9	3.8	3.8	5.7	7.6	11.4	13.2	17.0	20.8
145°	1.9	1.9	1.9	3.8	3.8	5.7	7.6	9.5	11.4	13.2	17.0
147.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	11.4	13.2
150°	3.8	3.8	3.8	3.8	3.8	3.8	5.7	5.7	7.6	9.5	11.4
152.5°	3.8	3.8	3.8	3.8	3.8	3.8	5.7	5.7	5.7	7.6	9.5
155°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.7	5.7	7.6	7.6
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°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3630.7	3634.4	3657.2	3655.3	3651.5	3647.7	3647.7	3643.9	3647.7	3657.2	3653.4
5°	3611.7	3617.4	3634.4	3632.6	3628.8	3626.9	3625.0	3619.3	3623.1	3636.3	3632.6
7.5°	3577.7	3583.4	3598.5	3590.9	3585.3	3589.0	3579.6	3573.9	3581.5	3594.7	3592.8
10°	3541.7	3545.5	3564.4	3560.7	3551.2	3553.1	3543.6	3539.9	3549.3	3556.9	3558.8
12.5°	3517.1	3530.4	3547.4	3545.5	3543.6	3545.5	3536.1	3532.3	3538.0	3545.5	3543.6
15°	3511.5	3528.5	3547.4	3547.4	3549.3	3551.2	3541.7	3536.1	3541.7	3547.4	3545.5
17.5°	3505.8	3526.6	3543.6	3541.7	3543.6	3547.4	3532.3	3528.5	3536.1	3543.6	3539.9
20°	3486.9	3505.8	3517.1	3513.4	3513.4	3515.3	3496.3	3496.3	3507.7	3513.4	3515.3
22.5°	3433.9	3456.6	3456.6	3447.1	3447.1	3439.6	3433.9	3422.6	3435.8	3445.3	3452.8
25°	3354.4	3363.9	3352.5	3331.7	3320.4	3310.9	3284.4	3307.1	3307.1	3335.5	3345.0
27.5°	3242.8	3222.0	3189.8	3146.3	3136.9	3106.6	3089.6	3095.2	3104.7	3144.4	3174.7
30°	3059.3	2996.9	2942.0	2923.1	2881.5	2851.2	2820.9	2836.0	2853.1	2875.8	2938.2
32.5°	2817.1	2756.6	2667.7	2635.5	2592.0	2554.1	2518.2	2540.9	2571.2	2586.3	2654.4
35°	2539.0	2467.1	2385.8	2330.9	2285.5	2264.7	2219.3	2251.4	2283.6	2294.9	2353.6
37.5°	2243.9	2170.1	2098.2	2050.9	2007.4	1994.1	1963.9	1986.6	2011.2	2028.2	2077.4
40°	1963.9	1895.7	1840.9	1808.7	1778.4	1767.1	1755.7	1765.2	1784.1	1797.4	1835.2
42.5°	1723.6	1668.7	1630.9	1611.9	1591.1	1576.0	1577.9	1581.7	1591.1	1619.5	1636.5
45°	1513.6	1481.4	1456.8	1453.0	1439.8	1437.9	1436.0	1443.6	1449.2	1466.3	1479.5
47.5°	1345.2	1331.9	1326.3	1333.8	1339.5	1331.9	1335.7	1345.2	1356.5	1356.5	1354.6
50°	1212.7	1216.5	1224.1	1241.1	1252.5	1256.3	1260.0	1271.4	1273.3	1277.1	1271.4
52.5°	1104.9	1108.7	1129.5	1156.0	1169.2	1174.9	1182.5	1193.8	1193.8	1197.6	1190.0
55°	995.2	1000.8	1021.7	1048.1	1059.5	1067.1	1074.6	1082.2	1087.9	1095.4	1089.8
57.5°	874.1	891.1	904.4	911.9	919.5	925.2	930.8	932.7	944.1	946.0	955.4
60°	745.4	749.2	762.5	760.6	754.9	770.0	762.5	775.7	788.9	806.0	807.9
62.5°	622.5	624.3	633.8	630.0	637.6	635.7	641.4	641.4	650.8	658.4	667.9
65°	526.0	527.9	535.4	535.4	533.5	539.2	544.9	548.7	548.7	554.3	561.9
67.5°	454.1	459.7	467.3	471.1	474.9	474.9	480.6	482.4	486.2	488.1	491.9
70°	404.9	412.4	420.0	423.8	425.7	429.5	431.4	431.4	435.2	437.0	440.8
72.5°	368.9	376.5	382.2	382.2	386.0	387.9	387.9	389.7	391.6	395.4	399.2
75°	338.7	344.3	348.1	346.2	346.2	346.2	348.1	348.1	351.9	355.7	359.5
77.5°	310.3	316.0	316.0	312.2	312.2	312.2	312.2	314.1	316.0	319.7	323.5
80°	289.5	289.5	287.6	287.6	283.8	281.9	281.9	283.8	283.8	287.6	293.3
82.5°	266.8	266.8	264.9	263.0	261.1	259.2	259.2	261.1	263.0	264.9	268.7
85°	246.0	246.0	242.2	242.2	240.3	240.3	240.3	240.3	242.2	244.1	247.8
87.5°	225.1	223.3	221.4	219.5	219.5	219.5	219.5	219.5	221.4	225.1	227.0
90°	204.3	202.4	200.5	200.5	198.7	198.7	200.5	200.5	202.4	204.3	206.2
92.5°	185.4	183.5	181.6	181.6	179.7	179.7	181.6	179.7	183.5	183.5	185.4
95°	168.4	166.5	164.6	164.6	164.6	164.6	164.6	164.6	166.5	166.5	168.4
97.5°	153.2	151.4	149.5	149.5	151.4	149.5	151.4	151.4	151.4	153.2	155.1
100°	140.0	138.1	138.1	140.0	138.1	138.1	140.0	140.0	140.0	140.0	141.9
102.5°	128.7	128.7	128.7	128.7	128.7	128.7	130.5	130.5	130.5	130.5	132.4
105°	117.3	119.2	119.2	119.2	121.1	121.1	121.1	123.0	123.0	123.0	123.0
107.5°	109.7	111.6	111.6	113.5	113.5	115.4	115.4	115.4	115.4	117.3	117.3
110°	102.2	104.1	105.9	107.8	107.8	109.7	109.7	109.7	109.7	109.7	109.7





TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	94.6	96.5	98.4	102.2	104.1	104.1	104.1	104.1	105.9	105.9	104.1
115°	87.0	90.8	92.7	96.5	98.4	98.4	100.3	100.3	100.3	100.3	98.4
117.5°	79.5	85.1	87.0	90.8	92.7	92.7	94.6	94.6	94.6	94.6	92.7
120°	73.8	77.6	81.4	83.2	85.1	87.0	87.0	88.9	88.9	88.9	87.0
122.5°	68.1	71.9	75.7	77.6	79.5	81.4	81.4	81.4	81.4	81.4	81.4
125°	60.5	64.3	68.1	70.0	71.9	73.8	73.8	75.7	75.7	75.7	73.8
127.5°	54.9	58.7	60.5	64.3	66.2	66.2	68.1	68.1	68.1	68.1	66.2
130°	47.3	51.1	54.9	56.8	58.7	58.7	60.5	60.5	60.5	60.5	60.5
132.5°	41.6	45.4	47.3	51.1	51.1	53.0	53.0	54.9	54.9	54.9	53.0
135°	37.8	39.7	41.6	45.4	45.4	47.3	47.3	47.3	47.3	47.3	47.3
137.5°	34.1	35.9	37.8	39.7	39.7	41.6	41.6	41.6	41.6	43.5	41.6
140°	28.4	32.2	34.1	34.1	35.9	35.9	35.9	37.8	37.8	37.8	35.9
142.5°	24.6	26.5	28.4	30.3	32.2	32.2	32.2	32.2	34.1	32.2	32.2
145°	18.9	22.7	24.6	26.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4
147.5°	15.1	17.0	20.8	22.7	22.7	24.6	24.6	24.6	24.6	24.6	24.6
150°	13.2	13.2	17.0	18.9	20.8	20.8	20.8	20.8	20.8	20.8	20.8
152.5°	9.5	11.4	13.2	15.1	17.0	17.0	17.0	17.0	17.0	17.0	17.0
155°	9.5	9.5	11.4	11.4	13.2	13.2	13.2	13.2	15.1	13.2	13.2
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: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3647.7	3645.8	3653.4	3645.8	3608.0	3623.1	3617.4	3638.2	3640.1	3645.8	3664.7
5°	3628.8	3628.8	3638.2	3630.7	3594.7	3609.9	3608.0	3628.8	3632.6	3636.3	3657.2
7.5°	3590.9	3592.8	3606.1	3600.4	3562.6	3585.3	3583.4	3608.0	3615.5	3623.1	3642.0
10°	3555.0	3553.1	3568.2	3562.6	3526.6	3553.1	3551.2	3575.8	3587.2	3600.4	3623.1
12.5°	3536.1	3530.4	3536.1	3530.4	3490.7	3511.5	3513.4	3541.7	3555.0	3572.0	3598.5
15°	3536.1	3526.6	3526.6	3515.3	3469.8	3483.1	3485.0	3503.9	3520.9	3538.0	3570.1
17.5°	3532.3	3522.8	3520.9	3511.5	3462.3	3462.3	3460.4	3473.6	3483.1	3500.1	3534.2
20°	3511.5	3507.7	3505.8	3500.1	3454.7	3447.1	3443.4	3443.4	3449.0	3454.7	3488.8
22.5°	3456.6	3460.4	3464.2	3468.0	3432.0	3418.8	3420.7	3416.9	3411.2	3411.2	3439.6
25°	3354.4	3373.4	3388.5	3405.5	3384.7	3375.3	3386.6	3380.9	3371.5	3363.9	3388.5
27.5°	3191.7	3231.5	3263.6	3305.2	3307.1	3299.6	3329.8	3326.1	3324.2	3312.8	3331.7
30°	2966.6	3029.0	3072.5	3133.1	3184.2	3191.7	3242.8	3250.4	3257.9	3252.3	3271.2
32.5°	2694.1	2779.3	2853.1	2947.7	2996.9	3040.4	3112.3	3142.5	3172.8	3182.3	3203.1
35°	2397.1	2493.6	2580.6	2684.7	2762.3	2856.9	2943.9	2989.3	3057.4	3083.9	3114.2
37.5°	2115.2	2206.0	2291.2	2395.2	2520.1	2618.5	2726.3	2828.5	2921.2	2959.0	3004.4
40°	1865.5	1939.3	2020.6	2111.4	2224.9	2353.6	2470.9	2612.8	2722.5	2798.2	2864.4
42.5°	1676.3	1712.2	1782.2	1863.6	1954.4	2084.9	2204.1	2363.1	2495.5	2603.3	2713.1
45°	1507.9	1524.9	1576.0	1619.5	1712.2	1827.6	1954.4	2109.5	2247.6	2385.8	2518.2
47.5°	1364.1	1384.9	1409.5	1436.0	1502.2	1598.7	1708.4	1848.4	1986.6	2147.4	2298.7
50°	1267.6	1273.3	1277.1	1288.4	1328.2	1394.4	1483.3	1602.5	1734.9	1907.1	2067.9
52.5°	1182.5	1182.5	1171.1	1165.4	1180.6	1222.2	1273.3	1358.4	1494.6	1653.6	1823.8
55°	1091.7	1074.6	1070.8	1051.9	1055.7	1074.6	1099.2	1165.4	1277.1	1413.3	1577.9
57.5°	964.9	957.3	957.3	949.8	934.6	944.1	949.8	997.1	1076.5	1193.8	1337.6
60°	819.2	815.4	824.9	826.8	813.5	819.2	817.3	845.7	902.5	997.1	1116.3
62.5°	673.5	690.6	692.5	700.0	692.5	690.6	700.0	724.6	753.0	824.9	917.6
65°	565.7	575.2	577.0	586.5	582.7	582.7	590.3	609.2	626.2	675.4	747.3
67.5°	495.7	491.9	493.8	499.5	493.8	491.9	497.6	508.9	522.2	552.5	603.5
70°	440.8	437.0	437.0	437.0	429.5	423.8	425.7	429.5	435.2	452.2	484.3
72.5°	399.2	399.2	393.5	387.9	382.2	378.4	374.6	370.8	368.9	374.6	391.6
75°	361.4	363.3	361.4	355.7	348.1	340.6	333.0	325.4	316.0	312.2	314.1
77.5°	327.3	329.2	331.1	329.2	321.6	312.2	300.8	289.5	276.2	263.0	255.4
80°	297.0	300.8	302.7	300.8	295.1	287.6	274.3	261.1	242.2	225.1	206.2
82.5°	270.5	276.2	278.1	278.1	274.3	266.8	251.6	236.5	215.7	193.0	168.4
85°	249.7	253.5	257.3	257.3	255.4	247.8	232.7	215.7	194.9	168.4	141.9
87.5°	228.9	230.8	234.6	238.4	234.6	227.0	213.8	194.9	174.1	147.6	117.3
90°	208.1	210.0	213.8	217.6	215.7	208.1	196.8	179.7	157.0	128.7	98.4
92.5°	187.3	191.1	193.0	194.9	196.8	191.1	181.6	164.6	141.9	113.5	85.1
95°	172.2	172.2	176.0	177.8	179.7	174.1	166.5	149.5	128.7	102.2	73.8
97.5°	157.0	157.0	160.8	160.8	162.7	158.9	151.4	136.2	115.4	90.8	62.4
100°	141.9	143.8	145.7	147.6	147.6	145.7	138.1	123.0	104.1	81.4	54.9
102.5°	132.4	132.4	134.3	134.3	136.2	132.4	124.9	111.6	92.7	71.9	47.3
105°	123.0	123.0	124.9	124.9	123.0	119.2	111.6	100.3	83.2	62.4	41.6
107.5°	115.4	115.4	115.4	115.4	113.5	109.7	102.2	88.9	73.8	56.8	37.8
110°	109.7	107.8	107.8	105.9	104.1	98.4	90.8	79.5	66.2	49.2	32.2



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	104.1	102.2	100.3	98.4	94.6	88.9	81.4	71.9	58.7	43.5	28.4
115°	98.4	96.5	94.6	90.8	87.0	81.4	73.8	64.3	51.1	37.8	24.6
117.5°	92.7	90.8	87.0	83.2	79.5	73.8	66.2	56.8	45.4	34.1	22.7
120°	85.1	83.2	81.4	77.6	73.8	66.2	58.7	51.1	39.7	30.3	18.9
122.5°	79.5	77.6	73.8	71.9	66.2	60.5	53.0	45.4	35.9	26.5	17.0
125°	71.9	70.0	68.1	64.3	60.5	53.0	47.3	39.7	32.2	22.7	13.2
127.5°	66.2	64.3	60.5	56.8	53.0	47.3	41.6	35.9	28.4	18.9	13.2
130°	58.7	56.8	54.9	51.1	47.3	41.6	37.8	30.3	24.6	17.0	11.4
132.5°	51.1	51.1	49.2	45.4	41.6	37.8	32.2	26.5	20.8	15.1	9.5
135°	47.3	45.4	43.5	39.7	37.8	32.2	28.4	22.7	17.0	13.2	7.6
137.5°	41.6	39.7	37.8	35.9	32.2	28.4	24.6	18.9	15.1	11.4	7.6
140°	35.9	34.1	34.1	30.3	28.4	24.6	20.8	17.0	13.2	9.5	5.7
142.5°	32.2	30.3	28.4	26.5	24.6	20.8	17.0	13.2	11.4	7.6	5.7
145°	28.4	26.5	24.6	22.7	20.8	17.0	15.1	11.4	9.5	7.6	5.7
147.5°	22.7	22.7	20.8	18.9	17.0	15.1	13.2	11.4	7.6	5.7	3.8
150°	18.9	18.9	17.0	15.1	15.1	13.2	11.4	9.5	7.6	5.7	3.8
152.5°	17.0	15.1	15.1	13.2	13.2	11.4	9.5	7.6	5.7	5.7	3.8
155°	13.2	13.2	13.2	11.4	11.4	9.5	7.6	7.6	5.7	3.8	3.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3668.5	3645.8	3664.7	3698.8	3695.0	3691.2	3687.4	3695.0	3719.6	3706.3	3685.5
5°	3662.8	3640.1	3660.9	3693.1	3691.2	3685.5	3681.7	3689.3	3713.9	3700.7	3678.0
7.5°	3651.5	3630.7	3645.8	3678.0	3678.0	3674.2	3670.4	3678.0	3700.7	3689.3	3666.6
10°	3632.6	3617.4	3632.6	3662.8	3664.7	3657.2	3653.4	3662.8	3685.5	3679.9	3660.9
12.5°	3617.4	3602.3	3619.3	3649.6	3651.5	3643.9	3638.2	3649.6	3679.9	3683.6	3678.0
15°	3596.6	3583.4	3604.2	3636.3	3636.3	3630.7	3630.7	3645.8	3687.4	3704.5	3713.9
17.5°	3566.3	3556.9	3581.5	3613.6	3615.5	3611.7	3613.6	3643.9	3698.8	3740.4	3766.9
20°	3528.5	3524.7	3551.2	3585.3	3590.9	3592.8	3602.3	3647.7	3723.4	3780.1	3806.6
22.5°	3483.1	3485.0	3515.3	3551.2	3558.8	3564.4	3583.4	3647.7	3742.3	3802.8	3814.2
25°	3432.0	3437.7	3469.8	3513.4	3522.8	3534.2	3566.3	3649.6	3748.0	3787.7	3768.8
27.5°	3377.1	3388.5	3430.1	3475.5	3486.9	3505.8	3547.4	3638.2	3721.5	3723.4	3653.4
30°	3320.4	3333.6	3382.8	3435.8	3454.7	3473.6	3524.7	3611.7	3657.2	3596.6	3473.6
32.5°	3256.1	3275.0	3324.2	3388.5	3411.2	3435.8	3486.9	3560.7	3543.6	3413.1	3237.1
35°	3174.7	3201.2	3257.9	3333.6	3354.4	3386.6	3422.6	3439.6	3363.9	3178.5	2979.8
37.5°	3074.4	3114.2	3180.4	3267.4	3290.1	3310.9	3320.4	3273.1	3121.7	2921.2	2715.0
40°	2959.0	3019.6	3091.5	3187.9	3210.7	3210.7	3176.6	3076.3	2885.2	2622.3	2393.3
42.5°	2819.0	2892.8	2983.6	3080.1	3102.8	3076.3	2995.0	2819.0	2601.4	2308.2	2066.0
45°	2648.7	2747.1	2849.3	2949.6	2960.9	2902.3	2756.6	2533.3	2264.7	1992.2	1761.4
47.5°	2446.3	2575.0	2686.6	2800.1	2785.0	2686.6	2491.7	2238.2	1954.4	1697.1	1511.7
50°	2219.3	2370.6	2495.5	2603.3	2571.2	2434.9	2206.0	1941.1	1659.2	1439.8	1286.5
52.5°	1977.1	2151.2	2276.0	2363.1	2319.5	2156.8	1905.2	1651.7	1420.9	1220.3	1118.1
55°	1725.5	1901.4	2030.1	2098.2	2041.4	1865.5	1617.6	1386.8	1169.2	1038.7	978.1
57.5°	1481.4	1646.0	1767.1	1822.0	1750.1	1574.1	1345.2	1150.3	993.3	883.5	853.3
60°	1246.8	1381.1	1496.5	1538.2	1460.6	1297.9	1101.1	946.0	830.6	754.9	739.8
62.5°	1029.2	1139.0	1229.8	1261.9	1186.3	1059.5	889.2	773.8	692.5	654.6	635.7
65°	849.5	913.8	1006.5	1000.8	955.4	838.1	713.3	631.9	578.9	554.3	543.0
67.5°	667.9	726.5	785.2	792.7	736.0	654.6	573.3	514.6	486.2	473.0	467.3
70°	516.5	560.0	596.0	586.5	556.2	505.2	454.1	421.9	410.6	404.9	404.9
72.5°	401.1	423.8	440.8	429.5	410.6	384.1	359.5	346.2	348.1	351.9	355.7
75°	310.3	316.0	319.7	308.4	304.6	287.6	285.7	287.6	298.9	310.3	316.0
77.5°	238.4	230.8	225.1	213.8	215.7	213.8	223.3	238.4	255.4	272.4	287.6
80°	183.5	166.5	153.2	141.9	147.6	157.0	176.0	198.7	221.4	240.3	259.2
82.5°	141.9	117.3	98.4	87.0	98.4	113.5	138.1	166.5	193.0	213.8	234.6
85°	109.7	81.4	58.7	47.3	58.7	81.4	107.8	140.0	168.4	191.1	211.9
87.5°	85.1	58.7	32.2	18.9	32.2	56.8	87.0	117.3	145.7	172.2	193.0
90°	68.1	39.7	15.1	3.8	17.0	39.7	68.1	98.4	126.8	155.1	176.0
92.5°	54.9	28.4	7.6	0.0	9.5	30.3	56.8	85.1	113.5	140.0	160.8
95°	45.4	22.7	5.7	0.0	7.6	22.7	45.4	73.8	100.3	126.8	143.8
97.5°	37.8	17.0	3.8	0.0	3.8	18.9	37.8	62.4	88.9	113.5	130.5
100°	32.2	15.1	3.8	0.0	3.8	15.1	32.2	54.9	77.6	100.3	117.3
102.5°	26.5	11.4	1.9	1.9	1.9	11.4	28.4	47.3	68.1	88.9	105.9
105°	24.6	9.5	1.9	1.9	1.9	9.5	24.6	41.6	60.5	79.5	94.6
107.5°	20.8	7.6	1.9	1.9	1.9	7.6	20.8	35.9	54.9	71.9	85.1
110°	17.0	7.6	1.9	1.9	1.9	7.6	17.0	32.2	47.3	62.4	75.7



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	15.1	5.7	1.9	1.9	1.9	5.7	15.1	28.4	41.6	56.8	68.1
115°	13.2	5.7	1.9	1.9	1.9	5.7	13.2	24.6	35.9	49.2	60.5
117.5°	11.4	5.7	1.9	1.9	1.9	3.8	11.4	20.8	32.2	43.5	54.9
120°	9.5	3.8	1.9	1.9	1.9	3.8	9.5	18.9	28.4	37.8	47.3
122.5°	9.5	3.8	1.9	1.9	1.9	3.8	7.6	15.1	24.6	32.2	41.6
125°	7.6	3.8	1.9	1.9	1.9	1.9	7.6	13.2	20.8	28.4	35.9
127.5°	7.6	3.8	1.9	1.9	1.9	1.9	5.7	11.4	17.0	24.6	32.2
130°	5.7	3.8	1.9	1.9	1.9	1.9	3.8	9.5	15.1	20.8	26.5
132.5°	5.7	3.8	1.9	1.9	1.9	1.9	3.8	7.6	11.4	17.0	22.7
135°	5.7	1.9	1.9	1.9	1.9	1.9	1.9	5.7	9.5	13.2	17.0
137.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	3.8	7.6	9.5	15.1
140°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	3.8	5.7	7.6	11.4
142.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	5.7	9.5
145°	3.8	1.9	1.9	3.8	3.8	1.9	1.9	3.8	3.8	5.7	7.6
147.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	3.8	5.7
150°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.7
152.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
155°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3681.7	3638.2	3660.9	3653.4	3660.9	3679.9	3678.0	3672.3	3676.1	3666.6	3657.2
5°	3674.2	3630.7	3653.4	3643.9	3653.4	3672.3	3668.5	3662.8	3668.5	3657.2	3647.7
7.5°	3664.7	3625.0	3651.5	3649.6	3666.6	3691.2	3693.1	3693.1	3706.3	3689.3	3681.7
10°	3664.7	3643.9	3679.9	3693.1	3736.6	3768.8	3772.6	3780.1	3802.8	3799.0	3780.1
12.5°	3704.5	3700.7	3753.6	3785.8	3825.5	3870.9	3895.5	3903.1	3918.2	3906.9	3899.3
15°	3755.5	3774.5	3833.1	3869.1	3912.6	3946.6	3952.3	3956.1	3967.4	3950.4	3937.2
17.5°	3823.6	3835.0	3882.3	3897.4	3925.8	3931.5	3923.9	3905.0	3905.0	3867.2	3855.8
20°	3855.8	3850.1	3869.1	3844.5	3833.1	3799.0	3766.9	3730.9	3729.0	3689.3	3685.5
22.5°	3827.4	3789.6	3749.9	3689.3	3662.8	3613.6	3570.1	3549.3	3536.1	3485.0	3471.7
25°	3727.2	3634.4	3575.8	3503.9	3439.6	3382.8	3341.2	3297.7	3256.1	3214.4	3195.5
27.5°	3553.1	3466.1	3371.5	3271.2	3182.3	3095.2	3025.2	2981.7	2942.0	2887.1	2858.7
30°	3339.3	3218.2	3114.2	3017.7	2872.0	2766.0	2707.4	2620.4	2590.1	2565.5	2512.5
32.5°	3087.7	2942.0	2800.1	2669.6	2520.1	2421.7	2344.1	2279.8	2260.9	2196.6	2181.4
35°	2809.6	2618.5	2457.7	2329.0	2221.2	2102.0	2037.6	1994.1	1956.3	1912.8	1905.2
37.5°	2482.2	2310.1	2128.5	2014.9	1929.8	1827.6	1778.4	1748.2	1731.1	1699.0	1693.3
40°	2153.0	1980.9	1856.0	1742.5	1689.5	1634.7	1598.7	1585.5	1577.9	1566.5	1555.2
42.5°	1854.1	1702.8	1613.8	1538.2	1515.5	1489.0	1479.5	1487.1	1479.5	1475.7	1473.8
45°	1600.6	1485.2	1422.8	1400.0	1394.4	1386.8	1394.4	1407.6	1409.5	1405.7	1405.7
47.5°	1369.8	1314.9	1288.4	1292.2	1301.7	1307.3	1320.6	1337.6	1341.4	1331.9	1335.7
50°	1218.4	1186.3	1180.6	1195.7	1216.5	1224.1	1239.2	1252.5	1250.6	1246.8	1243.0
52.5°	1076.5	1067.1	1082.2	1097.3	1120.0	1123.8	1129.5	1135.2	1133.3	1125.7	1121.9
55°	957.3	964.9	978.1	983.8	1000.8	999.0	1000.8	1000.8	993.3	989.5	983.8
57.5°	849.5	851.4	858.9	860.8	870.3	866.5	864.6	860.8	849.5	847.6	841.9
60°	739.8	736.0	753.0	739.8	747.3	739.8	737.9	728.4	717.1	715.2	711.4
62.5°	635.7	628.1	639.5	633.8	637.6	630.0	626.2	614.9	605.4	603.5	601.6
65°	543.0	539.2	550.6	548.7	552.5	543.0	539.2	531.6	524.1	522.2	520.3
67.5°	465.4	474.9	480.6	480.6	484.3	482.4	473.0	471.1	469.2	461.6	461.6
70°	408.7	414.3	425.7	427.6	425.7	429.5	421.9	420.0	418.1	414.3	412.4
72.5°	363.3	370.8	382.2	384.1	382.2	382.2	378.4	376.5	376.5	370.8	370.8
75°	327.3	336.8	346.2	346.2	346.2	342.4	338.7	338.7	334.9	333.0	329.2
77.5°	297.0	308.4	316.0	314.1	312.2	308.4	308.4	302.7	297.0	297.0	293.3
80°	274.3	281.9	287.6	285.7	283.8	278.1	276.2	270.5	266.8	261.1	261.1
82.5°	249.7	259.2	263.0	261.1	257.3	251.6	249.7	246.0	242.2	240.3	236.5
85°	228.9	238.4	240.3	236.5	232.7	228.9	227.0	225.1	223.3	219.5	219.5
87.5°	208.1	217.6	217.6	215.7	211.9	210.0	208.1	206.2	204.3	202.4	200.5
90°	191.1	198.7	198.7	196.8	194.9	193.0	191.1	189.2	187.3	185.4	185.4
92.5°	174.1	181.6	181.6	179.7	177.8	176.0	176.0	174.1	172.2	170.3	168.4
95°	158.9	166.5	166.5	166.5	164.6	162.7	162.7	160.8	158.9	158.9	157.0
97.5°	143.8	151.4	151.4	151.4	149.5	147.6	147.6	145.7	145.7	145.7	143.8
100°	130.5	136.2	138.1	138.1	136.2	136.2	136.2	134.3	134.3	134.3	132.4
102.5°	117.3	123.0	126.8	126.8	126.8	124.9	124.9	124.9	124.9	124.9	123.0
105°	105.9	111.6	115.4	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
107.5°	96.5	102.2	105.9	107.8	109.7	109.7	111.6	111.6	111.6	111.6	111.6
110°	87.0	92.7	98.4	100.3	102.2	104.1	104.1	105.9	104.1	104.1	104.1



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	77.6	85.1	88.9	92.7	94.6	96.5	98.4	98.4	98.4	98.4	98.4
115°	70.0	77.6	81.4	85.1	88.9	90.8	90.8	92.7	92.7	92.7	90.8
117.5°	62.4	70.0	73.8	77.6	79.5	83.2	85.1	85.1	85.1	85.1	83.2
120°	56.8	62.4	66.2	70.0	73.8	75.7	77.6	77.6	77.6	77.6	77.6
122.5°	49.2	54.9	60.5	64.3	66.2	68.1	70.0	70.0	70.0	70.0	70.0
125°	43.5	49.2	53.0	56.8	58.7	62.4	62.4	62.4	62.4	62.4	62.4
127.5°	37.8	43.5	47.3	51.1	53.0	54.9	56.8	56.8	56.8	56.8	56.8
130°	32.2	37.8	41.6	45.4	47.3	49.2	49.2	51.1	51.1	51.1	51.1
132.5°	28.4	32.2	35.9	39.7	41.6	43.5	43.5	45.4	45.4	45.4	45.4
135°	22.7	28.4	30.3	34.1	35.9	37.8	37.8	39.7	39.7	39.7	39.7
137.5°	18.9	22.7	26.5	30.3	32.2	32.2	34.1	34.1	35.9	35.9	35.9
140°	15.1	17.0	22.7	24.6	26.5	28.4	30.3	30.3	30.3	30.3	30.3
142.5°	11.4	15.1	17.0	20.8	22.7	24.6	26.5	26.5	26.5	26.5	26.5
145°	9.5	11.4	13.2	17.0	18.9	20.8	22.7	22.7	22.7	22.7	22.7
147.5°	7.6	9.5	11.4	13.2	15.1	17.0	18.9	18.9	18.9	18.9	18.9
150°	5.7	7.6	9.5	9.5	11.4	13.2	15.1	17.0	17.0	17.0	17.0
152.5°	5.7	5.7	7.6	7.6	9.5	11.4	13.2	13.2	13.2	13.2	13.2
155°	3.8	5.7	5.7	5.7	7.6	7.6	9.5	11.4	11.4	11.4	11.4
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: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3662.8	3670.4	3666.6	3660.9	3659.0	3668.5	3659.0	3615.5	3632.6	3634.4	3647.7
5°	3657.2	3662.8	3659.0	3655.3	3649.6	3660.9	3649.6	3604.2	3621.2	3623.1	3636.3
7.5°	3695.0	3696.9	3696.9	3687.4	3672.3	3678.0	3662.8	3611.7	3621.2	3621.2	3630.7
10°	3789.6	3793.4	3799.0	3774.5	3755.5	3740.4	3719.6	3657.2	3655.3	3640.1	3640.1
12.5°	3912.6	3903.1	3893.6	3882.3	3867.2	3848.2	3818.0	3744.2	3719.6	3695.0	3670.4
15°	3948.5	3944.7	3942.8	3937.2	3927.7	3922.0	3899.3	3825.5	3789.6	3759.3	3715.8
17.5°	3853.9	3861.5	3886.1	3888.0	3899.3	3922.0	3918.2	3867.2	3835.0	3821.8	3768.8
20°	3683.6	3685.5	3715.8	3729.0	3778.2	3816.1	3844.5	3838.8	3831.2	3846.3	3806.6
22.5°	3479.3	3492.6	3524.7	3545.5	3592.8	3636.3	3681.7	3706.3	3746.1	3808.5	3800.9
25°	3201.2	3218.2	3263.6	3297.7	3363.9	3430.1	3490.7	3534.2	3581.5	3700.7	3740.4
27.5°	2868.2	2894.7	2953.3	2987.4	3080.1	3148.2	3235.2	3320.4	3386.6	3522.8	3604.2
30°	2518.2	2540.9	2603.3	2650.6	2730.1	2822.8	2932.5	3053.6	3163.4	3301.5	3403.6
32.5°	2190.9	2215.5	2266.6	2308.2	2397.1	2474.7	2595.8	2745.2	2847.4	3038.5	3174.7
35°	1905.2	1927.9	1963.9	1999.8	2073.6	2153.0	2257.1	2402.8	2533.3	2732.0	2904.2
37.5°	1704.7	1708.4	1729.2	1750.1	1804.9	1865.5	1946.8	2075.5	2196.6	2410.4	2599.5
40°	1560.9	1560.9	1572.2	1577.9	1602.5	1638.4	1689.5	1789.8	1890.1	2052.8	2283.6
42.5°	1471.9	1468.2	1468.2	1470.1	1468.2	1485.2	1515.5	1562.8	1651.7	1786.0	1965.7
45°	1405.7	1398.2	1392.5	1379.2	1371.7	1371.7	1373.6	1390.6	1441.7	1528.7	1674.4
47.5°	1331.9	1330.0	1320.6	1305.5	1292.2	1282.7	1267.6	1261.9	1277.1	1326.3	1424.6
50°	1246.8	1237.3	1227.9	1216.5	1201.4	1191.9	1163.6	1165.4	1152.2	1174.9	1226.0
52.5°	1121.9	1114.4	1110.6	1101.1	1095.4	1091.7	1069.0	1046.3	1040.6	1044.4	1063.3
55°	983.8	987.6	972.5	980.0	978.1	961.1	951.7	934.6	929.0	927.1	936.5
57.5°	840.0	843.8	834.4	841.9	841.9	832.5	826.8	826.8	813.5	802.2	815.4
60°	709.5	701.9	707.6	717.1	717.1	711.4	707.6	707.6	698.1	694.3	703.8
62.5°	603.5	596.0	601.6	611.1	613.0	609.2	605.4	605.4	594.1	594.1	601.6
65°	522.2	524.1	522.2	529.7	529.7	531.6	527.9	524.1	510.8	516.5	514.6
67.5°	463.5	461.6	461.6	469.2	467.3	471.1	467.3	461.6	452.2	444.6	442.7
70°	414.3	412.4	412.4	416.2	418.1	418.1	416.2	412.4	399.2	391.6	386.0
72.5°	370.8	368.9	370.8	372.7	374.6	376.5	374.6	370.8	359.5	350.0	340.6
75°	331.1	329.2	334.9	334.9	336.8	336.8	338.7	336.8	327.3	316.0	304.6
77.5°	291.4	293.3	298.9	300.8	304.6	306.5	308.4	308.4	298.9	289.5	274.3
80°	259.2	263.0	266.8	268.7	272.4	278.1	280.0	281.9	274.3	264.9	247.8
82.5°	236.5	238.4	242.2	244.1	249.7	251.6	253.5	257.3	253.5	244.1	225.1
85°	217.6	219.5	223.3	223.3	227.0	230.8	232.7	234.6	232.7	223.3	204.3
87.5°	200.5	202.4	204.3	206.2	208.1	210.0	211.9	213.8	211.9	202.4	185.4
90°	185.4	185.4	187.3	187.3	189.2	191.1	194.9	194.9	193.0	185.4	168.4
92.5°	168.4	170.3	170.3	172.2	174.1	176.0	177.8	177.8	176.0	168.4	153.2
95°	157.0	157.0	158.9	158.9	160.8	160.8	162.7	162.7	160.8	153.2	138.1
97.5°	143.8	143.8	143.8	143.8	145.7	145.7	147.6	147.6	145.7	138.1	124.9
100°	132.4	132.4	132.4	132.4	132.4	134.3	134.3	134.3	132.4	124.9	111.6
102.5°	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	119.2	113.5	100.3
105°	117.3	117.3	117.3	115.4	115.4	115.4	113.5	113.5	107.8	102.2	90.8
107.5°	109.7	109.7	109.7	107.8	107.8	105.9	104.1	104.1	98.4	92.7	81.4
110°	104.1	104.1	104.1	102.2	100.3	98.4	96.5	94.6	88.9	81.4	71.9





TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	98.4	98.4	96.5	96.5	94.6	92.7	88.9	87.0	81.4	73.8	64.3
115°	90.8	90.8	90.8	88.9	87.0	85.1	83.2	79.5	73.8	66.2	56.8
117.5°	83.2	83.2	83.2	81.4	79.5	77.6	75.7	71.9	66.2	58.7	51.1
120°	75.7	75.7	75.7	73.8	71.9	70.0	68.1	64.3	58.7	53.0	43.5
122.5°	70.0	70.0	68.1	66.2	64.3	62.4	60.5	56.8	53.0	45.4	37.8
125°	62.4	62.4	60.5	60.5	58.7	56.8	54.9	51.1	45.4	39.7	34.1
127.5°	56.8	54.9	54.9	54.9	53.0	51.1	47.3	45.4	39.7	34.1	28.4
130°	49.2	49.2	49.2	47.3	47.3	45.4	41.6	37.8	34.1	30.3	24.6
132.5°	43.5	43.5	43.5	43.5	41.6	39.7	35.9	34.1	30.3	24.6	20.8
135°	39.7	39.7	37.8	37.8	35.9	34.1	32.2	28.4	24.6	20.8	17.0
137.5°	34.1	34.1	34.1	32.2	32.2	30.3	26.5	24.6	22.7	18.9	15.1
140°	30.3	30.3	28.4	28.4	26.5	26.5	24.6	20.8	18.9	15.1	13.2
142.5°	26.5	26.5	24.6	24.6	22.7	22.7	20.8	18.9	15.1	13.2	9.5
145°	22.7	22.7	20.8	20.8	20.8	18.9	17.0	15.1	13.2	11.4	9.5
147.5°	18.9	18.9	18.9	17.0	17.0	15.1	15.1	13.2	11.4	9.5	7.6
150°	17.0	17.0	15.1	15.1	15.1	13.2	11.4	11.4	9.5	7.6	5.7
152.5°	13.2	13.2	13.2	13.2	11.4	11.4	9.5	9.5	7.6	5.7	5.7
155°	11.4	11.4	11.4	9.5	9.5	9.5	7.6	7.6	5.7	5.7	3.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8	3662.8
2.5°	3642.0	3640.1	3657.2	3655.3	3632.6	3666.6	3689.3
5°	3632.6	3630.7	3645.8	3649.6	3625.0	3660.9	3685.5
7.5°	3625.0	3623.1	3640.1	3645.8	3621.2	3653.4	3679.9
10°	3626.9	3617.4	3632.6	3636.3	3613.6	3647.7	3670.4
12.5°	3640.1	3617.4	3623.1	3623.1	3602.3	3632.6	3657.2
15°	3672.3	3625.0	3617.4	3611.7	3585.3	3613.6	3638.2
17.5°	3708.2	3643.9	3617.4	3598.5	3566.3	3590.9	3617.4
20°	3744.2	3664.7	3621.2	3590.9	3547.4	3570.1	3589.0
22.5°	3761.2	3683.6	3625.0	3579.6	3524.7	3536.1	3556.9
25°	3738.5	3676.1	3617.4	3562.6	3496.3	3498.2	3515.3
27.5°	3655.3	3638.2	3600.4	3545.5	3473.6	3464.2	3477.4
30°	3513.4	3560.7	3562.6	3522.8	3447.1	3428.2	3433.9
32.5°	3314.7	3420.7	3483.1	3475.5	3409.3	3382.8	3386.6
35°	3085.8	3218.2	3354.4	3399.8	3352.5	3331.7	3324.2
37.5°	2811.4	2989.3	3170.9	3282.5	3275.0	3261.7	3254.2
40°	2508.7	2722.5	2938.2	3116.1	3170.9	3170.9	3174.7
42.5°	2185.2	2434.9	2671.4	2896.6	3025.2	3053.6	3065.0
45°	1873.0	2124.7	2382.0	2641.2	2813.3	2902.3	2934.4
47.5°	1589.2	1842.8	2086.8	2370.6	2599.5	2715.0	2766.0
50°	1347.1	1536.3	1793.6	2075.5	2325.2	2467.1	2567.4
52.5°	1146.5	1294.1	1519.2	1782.2	2033.9	2228.7	2321.4
55°	978.1	1078.4	1269.5	1496.5	1736.8	1939.3	2047.1
57.5°	836.2	915.7	1046.3	1235.4	1437.9	1638.4	1753.8
60°	711.4	766.2	855.2	1004.6	1176.8	1349.0	1460.6
62.5°	603.5	639.5	698.1	807.9	942.2	1076.5	1180.6
65°	520.3	535.4	567.6	635.7	737.9	840.0	929.0
67.5°	438.9	448.4	473.0	514.6	565.7	639.5	698.1
70°	378.4	378.4	380.3	404.9	431.4	478.7	520.3
72.5°	329.2	323.5	312.2	317.8	323.5	350.0	376.5
75°	289.5	276.2	257.3	249.7	246.0	249.7	264.9
77.5°	255.4	236.5	213.8	194.9	179.7	174.1	187.3
80°	227.0	204.3	177.8	153.2	128.7	115.4	121.1
82.5°	204.3	176.0	147.6	119.2	90.8	71.9	71.9
85°	179.7	153.2	123.0	92.7	64.3	39.7	35.9
87.5°	162.7	134.3	102.2	73.8	45.4	20.8	11.4
90°	145.7	117.3	87.0	58.7	32.2	9.5	0.0
92.5°	130.5	104.1	75.7	47.3	22.7	5.7	0.0
95°	117.3	92.7	64.3	39.7	18.9	3.8	1.9
97.5°	104.1	81.4	56.8	32.2	13.2	3.8	1.9
100°	94.6	71.9	49.2	26.5	11.4	1.9	1.9
102.5°	83.2	64.3	41.6	22.7	9.5	1.9	1.9
105°	73.8	56.8	35.9	18.9	7.6	1.9	1.9
107.5°	66.2	49.2	32.2	17.0	7.6	1.9	1.9
110°	58.7	43.5	28.4	15.1	5.7	1.9	1.9



TEST NUMBER: P290241

CATALOG NUMBER: 8SSRK-LC-80-L835-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	53.0	37.8	24.6	13.2	3.8	1.9	1.9
115°	45.4	34.1	20.8	11.4	3.8	1.9	1.9
117.5°	39.7	28.4	18.9	9.5	3.8	1.9	1.9
120°	34.1	24.6	15.1	7.6	1.9	1.9	1.9
122.5°	30.3	20.8	13.2	7.6	1.9	1.9	1.9
125°	26.5	18.9	11.4	5.7	1.9	1.9	1.9
127.5°	22.7	15.1	9.5	3.8	1.9	1.9	1.9
130°	18.9	13.2	7.6	3.8	1.9	1.9	1.9
132.5°	15.1	11.4	7.6	3.8	1.9	1.9	1.9
135°	13.2	9.5	5.7	3.8	1.9	1.9	1.9
137.5°	11.4	7.6	3.8	3.8	3.8	1.9	1.9
140°	9.5	5.7	3.8	3.8	3.8	3.8	1.9
142.5°	7.6	5.7	3.8	3.8	3.8	3.8	1.9
145°	5.7	3.8	3.8	3.8	3.8	3.8	1.9
147.5°	5.7	3.8	3.8	3.8	3.8	3.8	1.9
150°	3.8	3.8	3.8	3.8	3.8	3.8	3.8
152.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8
155°	3.8	3.8	3.8	3.8	3.8	3.8	3.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)