

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: P290242

Luminaire Tested: **8SSRK-LC-80-L840-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: P290242
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-L840-CD1-U
Description: 8000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 4000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8880.0 lumens
Efficiency: N/A
Efficacy: 156.8 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

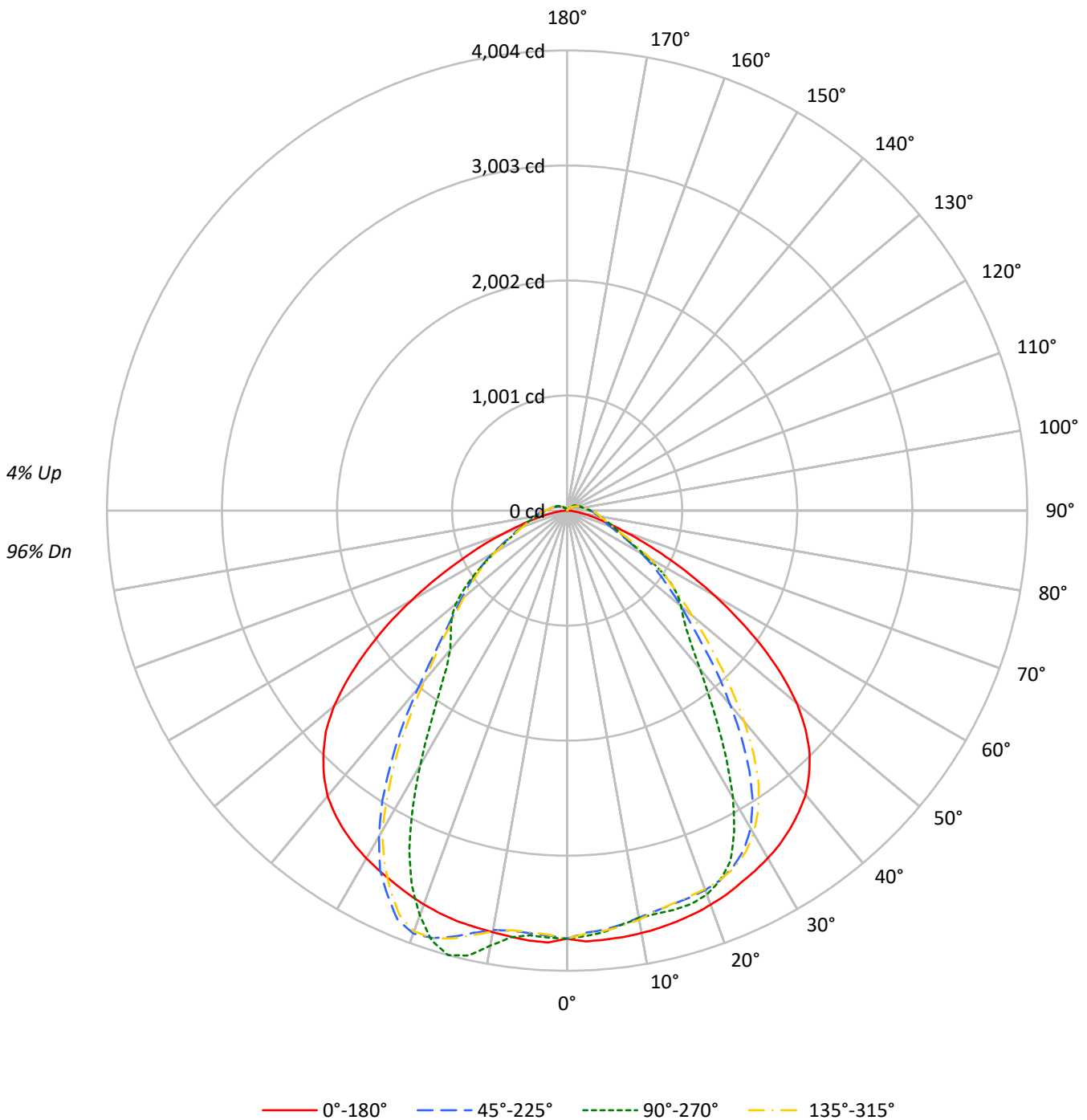
Input Watts (W): 56.6491
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	120283	120283	120283	120283
5°	121270	88380	121519	89072
10°	121943	69219	121691	73916
15°	123003	58025	122940	64607
20°	124481	49752	124351	52444
25°	126147	41822	126077	40411
30°	128662	32495	128736	28788
35°	131345	23747	131722	20095
40°	133755	17370	134314	15304
45°	133498	13408	134187	13057
50°	127985	11263	129779	11012
55°	113816	9231	116659	8391
60°	92590	6426	97502	5893
65°	69096	4451	74442	4221
70°	47250	3455	53269	3303
75°	31187	2773	36304	2622
80°	20473	2266	23998	2085
85°	10952	1938	14394	1770



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.8	4.0
10°-20°	1052.8	11.9
20°-30°	1600.5	18.0
30°-40°	1716.9	19.3
40°-50°	1490.1	16.8
50°-60°	1104.3	12.4
60°-70°	632.7	7.1
70°-80°	350.4	3.9
80°-90°	213.4	2.4
90°-100°	138.7	1.6
100°-110°	92.9	1.0
110°-120°	62.8	0.7
120°-130°	38.5	0.4
130°-140°	20.2	0.2
140°-150°	9.2	0.1
150°-160°	2.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3007.1	33.9
0°-40°	4724.0	53.2
0°-60°	7318.4	82.4
0°-90°	8514.9	95.9
90°-120°	294.4	3.3
90°-150°	362.4	4.1
90°-180°	365.0	4.1
0°-180°	8880.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3725	3725	3725	3725	3725	
5°	3748	3681	3756	3710	3748	357
15°	3700	3596	3698	4004	3700	1047
25°	3575	3363	3573	3250	3575	1653
35°	3380	2290	3390	1938	3380	2116
45°	2984	1468	3000	1430	2984	2285
55°	2082	1101	2134	1000	2082	1846
65°	945	558	1018	529	945	952
75°	269	354	314	335	269	308
85°	37	244	48	223	37	48
90°	0	204	4	189	0	2
95°	2	167	0	160	2	1
105°	2	125	2	119	2	2
115°	2	102	2	92	2	2
125°	2	77	2	64	2	2
135°	2	48	2	40	2	1
145°	2	29	4	23	2	1
155°	4	14	4	12	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°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3751.9	3742.3	3738.4	3730.7	3736.5	3759.6	3744.2	3719.2	3721.1	3676.8	3699.9
5°	3748.0	3736.5	3730.7	3723.0	3726.9	3748.0	3732.6	3707.6	3705.7	3661.4	3682.6
7.5°	3742.3	3730.7	3721.1	3715.3	3717.2	3734.6	3715.3	3686.5	3680.7	3632.6	3651.8
10°	3732.6	3724.9	3711.5	3701.9	3699.9	3719.2	3688.4	3659.5	3646.1	3596.0	3615.3
12.5°	3719.2	3707.6	3694.2	3676.8	3674.9	3686.5	3661.4	3621.0	3607.6	3567.2	3588.3
15°	3699.9	3686.5	3671.1	3651.8	3642.2	3649.9	3619.1	3582.6	3580.6	3546.0	3574.9
17.5°	3678.8	3659.5	3642.2	3615.3	3601.8	3607.6	3582.6	3549.9	3553.7	3532.5	3565.2
20°	3649.9	3628.7	3601.8	3574.9	3555.6	3565.2	3547.9	3522.9	3528.7	3513.3	3542.2
22.5°	3617.2	3588.3	3555.6	3524.8	3509.4	3522.9	3509.4	3488.3	3490.2	3480.6	3497.9
25°	3574.9	3542.2	3503.7	3465.2	3457.5	3467.1	3459.4	3442.1	3434.4	3419.0	3426.7
27.5°	3536.4	3499.8	3451.7	3411.3	3397.9	3417.1	3399.8	3370.9	3349.8	3328.6	3313.2
30°	3492.1	3447.9	3394.0	3347.8	3336.3	3344.0	3319.0	3274.7	3218.9	3192.0	3149.7
32.5°	3444.0	3386.3	3319.0	3267.0	3259.3	3253.6	3207.4	3143.9	3057.3	3003.4	2938.0
35°	3380.5	3317.0	3236.2	3172.7	3161.2	3128.5	3053.5	2968.8	2857.2	2764.8	2653.3
37.5°	3309.3	3234.3	3149.7	3065.0	3032.3	2966.9	2861.0	2772.5	2603.2	2491.6	2356.9
40°	3228.5	3138.1	3034.2	2932.2	2878.4	2772.5	2651.3	2520.5	2356.9	2206.9	2093.4
42.5°	3116.9	3020.7	2897.6	2784.1	2691.7	2551.3	2408.9	2224.2	2074.1	1947.1	1831.7
45°	2984.2	2868.7	2726.4	2589.8	2472.4	2305.0	2137.6	1952.9	1827.8	1679.7	1600.8
47.5°	2812.9	2687.9	2535.9	2383.9	2230.0	2045.3	1870.2	1693.2	1568.1	1462.3	1404.5
50°	2610.9	2495.5	2328.1	2147.2	1977.9	1785.5	1610.4	1477.7	1356.4	1291.0	1246.8
52.5°	2360.8	2253.1	2081.8	1885.6	1722.0	1533.5	1373.8	1266.0	1179.4	1131.3	1115.9
55°	2081.8	1987.5	1818.2	1635.4	1468.0	1294.9	1173.7	1079.4	1023.6	994.7	996.7
57.5°	1783.6	1710.5	1550.8	1387.2	1229.5	1098.6	989.0	913.9	871.6	869.7	875.4
60°	1485.4	1431.5	1293.0	1152.5	1014.0	908.1	827.3	775.4	748.5	750.4	748.5
62.5°	1200.6	1150.6	1050.5	935.1	825.4	754.2	681.1	659.9	636.9	634.9	634.9
65°	944.7	906.2	825.4	742.7	659.9	613.8	577.2	552.2	534.9	531.0	533.0
67.5°	710.0	694.6	638.8	583.0	531.0	502.2	471.4	465.6	452.1	452.1	456.0
70°	529.1	517.6	486.8	454.1	432.9	413.7	398.3	398.3	396.4	394.4	404.0
72.5°	382.9	384.8	375.2	350.2	348.3	344.4	340.6	346.3	348.3	354.0	365.6
75°	269.4	275.1	275.1	271.3	279.0	288.6	294.4	304.0	315.5	323.2	336.7
77.5°	190.5	190.5	200.1	211.6	227.0	244.4	259.7	273.2	288.6	298.2	309.8
80°	123.1	128.9	144.3	165.5	186.6	209.7	230.9	248.2	263.6	279.0	286.7
82.5°	73.1	82.7	102.0	128.9	155.8	184.7	205.9	227.0	244.4	259.7	265.5
85°	36.6	50.0	73.1	102.0	130.8	161.6	188.6	207.8	227.0	240.5	248.2
87.5°	11.5	26.9	51.9	78.9	109.7	140.5	169.3	190.5	207.8	219.3	227.0
90°	0.0	13.5	36.6	65.4	94.3	125.1	152.0	175.1	192.4	202.0	207.8
92.5°	0.0	7.7	28.9	53.9	80.8	111.6	138.5	159.7	175.1	184.7	188.6
95°	1.9	5.8	21.2	44.3	71.2	100.1	125.1	144.3	159.7	169.3	171.2
97.5°	1.9	3.8	17.3	36.6	61.6	88.5	113.5	132.8	144.3	153.9	155.8
100°	1.9	3.8	13.5	32.7	53.9	78.9	102.0	119.3	132.8	140.5	142.4
102.5°	1.9	1.9	11.5	26.9	48.1	69.3	90.4	107.7	119.3	127.0	130.8
105°	1.9	1.9	9.6	23.1	42.3	61.6	80.8	98.1	107.7	115.4	119.3
107.5°	1.9	1.9	7.7	19.2	36.6	53.9	73.1	86.6	98.1	105.8	109.7
110°	1.9	1.9	5.8	17.3	30.8	48.1	63.5	77.0	88.5	96.2	100.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.9	1.9	5.8	15.4	26.9	42.3	55.8	69.3	78.9	86.6	92.4
115°	1.9	1.9	5.8	13.5	25.0	36.6	50.0	61.6	71.2	78.9	84.7
117.5°	1.9	1.9	5.8	11.5	21.2	32.7	44.3	55.8	63.5	71.2	77.0
120°	1.9	1.9	3.8	9.6	19.2	28.9	38.5	48.1	57.7	65.4	71.2
122.5°	1.9	1.9	3.8	9.6	15.4	25.0	34.6	42.3	51.9	57.7	63.5
125°	1.9	1.9	3.8	7.7	13.5	23.1	30.8	38.5	44.3	51.9	57.7
127.5°	1.9	1.9	3.8	7.7	11.5	19.2	26.9	34.6	40.4	46.2	50.0
130°	1.9	1.9	3.8	5.8	9.6	15.4	23.1	28.9	36.6	40.4	44.3
132.5°	1.9	1.9	1.9	5.8	7.7	11.5	17.3	25.0	30.8	36.6	38.5
135°	1.9	1.9	1.9	3.8	7.7	9.6	13.5	19.2	25.0	30.8	34.6
137.5°	1.9	1.9	1.9	3.8	5.8	9.6	11.5	15.4	21.2	25.0	30.8
140°	1.9	1.9	1.9	3.8	5.8	7.7	9.6	13.5	17.3	21.2	25.0
142.5°	1.9	1.9	1.9	3.8	3.8	5.8	7.7	11.5	13.5	17.3	21.2
145°	1.9	1.9	1.9	3.8	3.8	5.8	7.7	9.6	11.5	13.5	17.3
147.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.8	7.7	9.6	11.5	13.5
150°	3.8	3.8	3.8	3.8	3.8	3.8	5.8	5.8	7.7	9.6	11.5
152.5°	3.8	3.8	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7	9.6
155°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.8	5.8	7.7	7.7
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3692.2	3696.1	3719.2	3717.2	3713.4	3709.5	3709.5	3705.7	3709.5	3719.2	3715.3
5°	3673.0	3678.8	3696.1	3694.2	3690.3	3688.4	3686.5	3680.7	3684.5	3698.0	3694.2
7.5°	3638.4	3644.1	3659.5	3651.8	3646.1	3649.9	3640.3	3634.5	3642.2	3655.7	3653.8
10°	3601.8	3605.7	3624.9	3621.0	3611.4	3613.3	3603.7	3599.9	3609.5	3617.2	3619.1
12.5°	3576.8	3590.3	3607.6	3605.7	3603.7	3605.7	3596.0	3592.2	3598.0	3605.7	3603.7
15°	3571.0	3588.3	3607.6	3607.6	3609.5	3611.4	3601.8	3596.0	3601.8	3607.6	3605.7
17.5°	3565.2	3586.4	3603.7	3601.8	3603.7	3607.6	3592.2	3588.3	3596.0	3603.7	3599.9
20°	3546.0	3565.2	3576.8	3572.9	3572.9	3574.9	3555.6	3555.6	3567.2	3572.9	3574.9
22.5°	3492.1	3515.2	3515.2	3505.6	3505.6	3497.9	3492.1	3480.6	3494.1	3503.7	3511.4
25°	3411.3	3420.9	3409.4	3388.2	3376.7	3367.1	3340.1	3363.2	3363.2	3392.1	3401.7
27.5°	3297.8	3276.6	3243.9	3199.7	3190.1	3159.3	3142.0	3147.7	3157.3	3197.8	3228.5
30°	3111.2	3047.7	2991.9	2972.6	2930.3	2899.5	2868.7	2884.1	2901.5	2924.5	2988.0
32.5°	2864.9	2803.3	2712.9	2680.2	2635.9	2597.5	2560.9	2584.0	2614.8	2630.2	2699.4
35°	2582.1	2508.9	2426.2	2370.4	2324.2	2303.1	2256.9	2289.6	2322.3	2333.9	2393.5
37.5°	2281.9	2206.9	2133.8	2085.7	2041.4	2027.9	1997.2	2020.2	2045.3	2062.6	2112.6
40°	1997.2	1927.9	1872.1	1839.4	1808.6	1797.1	1785.5	1795.1	1814.4	1827.8	1866.3
42.5°	1752.8	1697.0	1658.5	1639.3	1618.1	1602.7	1604.6	1608.5	1618.1	1647.0	1664.3
45°	1539.2	1506.5	1481.5	1477.7	1464.2	1462.3	1460.3	1468.0	1473.8	1491.1	1504.6
47.5°	1368.0	1354.5	1348.8	1356.4	1362.2	1354.5	1358.4	1368.0	1379.5	1379.5	1377.6
50°	1233.3	1237.2	1244.9	1262.2	1273.7	1277.6	1281.4	1293.0	1294.9	1298.7	1293.0
52.5°	1123.6	1127.5	1148.7	1175.6	1189.1	1194.8	1202.5	1214.1	1214.1	1217.9	1210.2
55°	1012.0	1017.8	1039.0	1065.9	1077.5	1085.2	1092.9	1100.6	1106.3	1114.0	1108.2
57.5°	888.9	906.2	919.7	927.4	935.1	940.9	946.6	948.6	960.1	962.0	971.6
60°	758.1	761.9	775.4	773.5	767.7	783.1	775.4	788.9	802.3	819.6	821.6
62.5°	633.0	634.9	644.6	640.7	648.4	646.5	652.2	652.2	661.9	669.6	679.2
65°	534.9	536.8	544.5	544.5	542.6	548.4	554.1	558.0	558.0	563.7	571.4
67.5°	461.8	467.5	475.2	479.1	482.9	482.9	488.7	490.6	494.5	496.4	500.3
70°	411.7	419.4	427.1	431.0	432.9	436.8	438.7	438.7	442.5	444.5	448.3
72.5°	375.2	382.9	388.7	388.7	392.5	394.4	394.4	396.4	398.3	402.1	406.0
75°	344.4	350.2	354.0	352.1	352.1	352.1	354.0	354.0	357.9	361.7	365.6
77.5°	315.5	321.3	321.3	317.5	317.5	317.5	317.5	319.4	321.3	325.2	329.0
80°	294.4	294.4	292.5	292.5	288.6	286.7	286.7	288.6	288.6	292.5	298.2
82.5°	271.3	271.3	269.4	267.4	265.5	263.6	263.6	265.5	267.4	269.4	273.2
85°	250.1	250.1	246.3	246.3	244.4	244.4	244.4	244.4	246.3	248.2	252.0
87.5°	229.0	227.0	225.1	223.2	223.2	223.2	223.2	223.2	225.1	229.0	230.9
90°	207.8	205.9	203.9	203.9	202.0	202.0	203.9	203.9	205.9	207.8	209.7
92.5°	188.6	186.6	184.7	184.7	182.8	182.8	184.7	182.8	186.6	186.6	188.6
95°	171.2	169.3	167.4	167.4	167.4	167.4	167.4	167.4	169.3	169.3	171.2
97.5°	155.8	153.9	152.0	152.0	153.9	152.0	153.9	153.9	153.9	155.8	157.8
100°	142.4	140.5	140.5	142.4	140.5	140.5	142.4	142.4	142.4	142.4	144.3
102.5°	130.8	130.8	130.8	130.8	130.8	130.8	132.8	132.8	132.8	132.8	134.7
105°	119.3	121.2	121.2	121.2	123.1	123.1	123.1	125.1	125.1	125.1	125.1
107.5°	111.6	113.5	113.5	115.4	115.4	117.4	117.4	117.4	117.4	119.3	119.3
110°	103.9	105.8	107.7	109.7	109.7	111.6	111.6	111.6	111.6	111.6	111.6



TEST NUMBER: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	96.2	98.1	100.1	103.9	105.8	105.8	105.8	105.8	107.7	107.7	105.8
115°	88.5	92.4	94.3	98.1	100.1	100.1	102.0	102.0	102.0	102.0	100.1
117.5°	80.8	86.6	88.5	92.4	94.3	94.3	96.2	96.2	96.2	96.2	94.3
120°	75.0	78.9	82.7	84.7	86.6	88.5	88.5	90.4	90.4	90.4	88.5
122.5°	69.3	73.1	77.0	78.9	80.8	82.7	82.7	82.7	82.7	82.7	82.7
125°	61.6	65.4	69.3	71.2	73.1	75.0	75.0	77.0	77.0	77.0	75.0
127.5°	55.8	59.6	61.6	65.4	67.3	67.3	69.3	69.3	69.3	69.3	67.3
130°	48.1	51.9	55.8	57.7	59.6	59.6	61.6	61.6	61.6	61.6	61.6
132.5°	42.3	46.2	48.1	51.9	51.9	53.9	53.9	55.8	55.8	55.8	53.9
135°	38.5	40.4	42.3	46.2	46.2	48.1	48.1	48.1	48.1	48.1	48.1
137.5°	34.6	36.6	38.5	40.4	40.4	42.3	42.3	42.3	42.3	44.3	42.3
140°	28.9	32.7	34.6	34.6	36.6	36.6	36.6	38.5	38.5	38.5	36.6
142.5°	25.0	26.9	28.9	30.8	32.7	32.7	32.7	32.7	34.6	32.7	32.7
145°	19.2	23.1	25.0	26.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
147.5°	15.4	17.3	21.2	23.1	23.1	25.0	25.0	25.0	25.0	25.0	25.0
150°	13.5	13.5	17.3	19.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
152.5°	9.6	11.5	13.5	15.4	17.3	17.3	17.3	17.3	17.3	17.3	17.3
155°	9.6	9.6	11.5	11.5	13.5	13.5	13.5	13.5	15.4	13.5	13.5
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: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3709.5	3707.6	3715.3	3707.6	3669.1	3684.5	3678.8	3699.9	3701.9	3707.6	3726.9
5°	3690.3	3690.3	3699.9	3692.2	3655.7	3671.1	3669.1	3690.3	3694.2	3698.0	3719.2
7.5°	3651.8	3653.8	3667.2	3661.4	3623.0	3646.1	3644.1	3669.1	3676.8	3684.5	3703.8
10°	3615.3	3613.3	3628.7	3623.0	3586.4	3613.3	3611.4	3636.4	3648.0	3661.4	3684.5
12.5°	3596.0	3590.3	3596.0	3590.3	3549.9	3571.0	3572.9	3601.8	3615.3	3632.6	3659.5
15°	3596.0	3586.4	3586.4	3574.9	3528.7	3542.2	3544.1	3563.3	3580.6	3598.0	3630.7
17.5°	3592.2	3582.6	3580.6	3571.0	3521.0	3521.0	3519.1	3532.5	3542.2	3559.5	3594.1
20°	3571.0	3567.2	3565.2	3559.5	3513.3	3505.6	3501.8	3501.8	3507.5	3513.3	3547.9
22.5°	3515.2	3519.1	3522.9	3526.8	3490.2	3476.7	3478.7	3474.8	3469.0	3469.0	3497.9
25°	3411.3	3430.6	3446.0	3463.3	3442.1	3432.5	3444.0	3438.3	3428.6	3420.9	3446.0
27.5°	3245.9	3286.3	3319.0	3361.3	3363.2	3355.5	3386.3	3382.5	3380.5	3369.0	3388.2
30°	3016.9	3080.4	3124.6	3186.2	3238.2	3245.9	3297.8	3305.5	3313.2	3307.4	3326.7
32.5°	2739.8	2826.4	2901.5	2997.7	3047.7	3091.9	3165.0	3195.8	3226.6	3236.2	3257.4
35°	2437.8	2535.9	2624.4	2730.2	2809.1	2905.3	2993.8	3040.0	3109.2	3136.2	3167.0
37.5°	2151.1	2243.4	2330.0	2435.8	2562.8	2662.9	2772.5	2876.4	2970.7	3009.2	3055.4
40°	1897.1	1972.1	2054.9	2147.2	2262.7	2393.5	2512.8	2657.1	2768.7	2845.7	2913.0
42.5°	1704.7	1741.3	1812.4	1895.2	1987.5	2120.3	2241.5	2403.1	2537.8	2647.5	2759.1
45°	1533.5	1550.8	1602.7	1647.0	1741.3	1858.6	1987.5	2145.3	2285.8	2426.2	2560.9
47.5°	1387.2	1408.4	1433.4	1460.3	1527.7	1625.8	1737.4	1879.8	2020.2	2183.8	2337.7
50°	1289.1	1294.9	1298.7	1310.3	1350.7	1418.0	1508.4	1629.7	1764.3	1939.4	2103.0
52.5°	1202.5	1202.5	1191.0	1185.2	1200.6	1242.9	1294.9	1381.5	1520.0	1681.6	1854.8
55°	1110.2	1092.9	1089.0	1069.8	1073.6	1092.9	1117.9	1185.2	1298.7	1437.3	1604.6
57.5°	981.3	973.6	973.6	965.9	950.5	960.1	965.9	1014.0	1094.8	1214.1	1360.3
60°	833.1	829.3	838.9	840.8	827.3	833.1	831.2	860.0	917.8	1014.0	1135.2
62.5°	685.0	702.3	704.2	711.9	704.2	702.3	711.9	736.9	765.8	838.9	933.2
65°	575.3	584.9	586.8	596.5	592.6	592.6	600.3	619.5	636.9	686.9	760.0
67.5°	504.1	500.3	502.2	507.9	502.2	500.3	506.0	517.6	531.0	561.8	613.8
70°	448.3	444.5	444.5	444.5	436.8	431.0	432.9	436.8	442.5	459.8	492.6
72.5°	406.0	406.0	400.2	394.4	388.7	384.8	381.0	377.1	375.2	381.0	398.3
75°	367.5	369.4	367.5	361.7	354.0	346.3	338.6	330.9	321.3	317.5	319.4
77.5°	332.9	334.8	336.7	334.8	327.1	317.5	305.9	294.4	280.9	267.4	259.7
80°	302.1	305.9	307.8	305.9	300.2	292.5	279.0	265.5	246.3	229.0	209.7
82.5°	275.1	280.9	282.8	282.8	279.0	271.3	255.9	240.5	219.3	196.3	171.2
85°	254.0	257.8	261.7	261.7	259.7	252.0	236.7	219.3	198.2	171.2	144.3
87.5°	232.8	234.7	238.6	242.4	238.6	230.9	217.4	198.2	177.0	150.1	119.3
90°	211.6	213.6	217.4	221.3	219.3	211.6	200.1	182.8	159.7	130.8	100.1
92.5°	190.5	194.3	196.3	198.2	200.1	194.3	184.7	167.4	144.3	115.4	86.6
95°	175.1	175.1	178.9	180.9	182.8	177.0	169.3	152.0	130.8	103.9	75.0
97.5°	159.7	159.7	163.5	163.5	165.5	161.6	153.9	138.5	117.4	92.4	63.5
100°	144.3	146.2	148.2	150.1	150.1	148.2	140.5	125.1	105.8	82.7	55.8
102.5°	134.7	134.7	136.6	136.6	138.5	134.7	127.0	113.5	94.3	73.1	48.1
105°	125.1	125.1	127.0	127.0	125.1	121.2	113.5	102.0	84.7	63.5	42.3
107.5°	117.4	117.4	117.4	117.4	115.4	111.6	103.9	90.4	75.0	57.7	38.5
110°	111.6	109.7	109.7	107.7	105.8	100.1	92.4	80.8	67.3	50.0	32.7



TEST NUMBER: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	105.8	103.9	102.0	100.1	96.2	90.4	82.7	73.1	59.6	44.3	28.9
115°	100.1	98.1	96.2	92.4	88.5	82.7	75.0	65.4	51.9	38.5	25.0
117.5°	94.3	92.4	88.5	84.7	80.8	75.0	67.3	57.7	46.2	34.6	23.1
120°	86.6	84.7	82.7	78.9	75.0	67.3	59.6	51.9	40.4	30.8	19.2
122.5°	80.8	78.9	75.0	73.1	67.3	61.6	53.9	46.2	36.6	26.9	17.3
125°	73.1	71.2	69.3	65.4	61.6	53.9	48.1	40.4	32.7	23.1	13.5
127.5°	67.3	65.4	61.6	57.7	53.9	48.1	42.3	36.6	28.9	19.2	13.5
130°	59.6	57.7	55.8	51.9	48.1	42.3	38.5	30.8	25.0	17.3	11.5
132.5°	51.9	51.9	50.0	46.2	42.3	38.5	32.7	26.9	21.2	15.4	9.6
135°	48.1	46.2	44.3	40.4	38.5	32.7	28.9	23.1	17.3	13.5	7.7
137.5°	42.3	40.4	38.5	36.6	32.7	28.9	25.0	19.2	15.4	11.5	7.7
140°	36.6	34.6	34.6	30.8	28.9	25.0	21.2	17.3	13.5	9.6	5.8
142.5°	32.7	30.8	28.9	26.9	25.0	21.2	17.3	13.5	11.5	7.7	5.8
145°	28.9	26.9	25.0	23.1	21.2	17.3	15.4	11.5	9.6	7.7	5.8
147.5°	23.1	23.1	21.2	19.2	17.3	15.4	13.5	11.5	7.7	5.8	3.8
150°	19.2	19.2	17.3	15.4	15.4	13.5	11.5	9.6	7.7	5.8	3.8
152.5°	17.3	15.4	15.4	13.5	13.5	11.5	9.6	7.7	5.8	5.8	3.8
155°	13.5	13.5	13.5	11.5	11.5	9.6	7.7	7.7	5.8	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: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3730.7	3707.6	3726.9	3761.5	3757.7	3753.8	3750.0	3757.7	3782.7	3769.2	3748.0
5°	3724.9	3701.9	3723.0	3755.7	3753.8	3748.0	3744.2	3751.9	3776.9	3763.4	3740.3
7.5°	3713.4	3692.2	3707.6	3740.3	3740.3	3736.5	3732.6	3740.3	3763.4	3751.9	3728.8
10°	3694.2	3678.8	3694.2	3724.9	3726.9	3719.2	3715.3	3724.9	3748.0	3742.3	3723.0
12.5°	3678.8	3663.4	3680.7	3711.5	3713.4	3705.7	3699.9	3711.5	3742.3	3746.1	3740.3
15°	3657.6	3644.1	3665.3	3698.0	3698.0	3692.2	3692.2	3707.6	3750.0	3767.3	3776.9
17.5°	3626.8	3617.2	3642.2	3674.9	3676.8	3673.0	3674.9	3705.7	3761.5	3803.8	3830.8
20°	3588.3	3584.5	3611.4	3646.1	3651.8	3653.8	3663.4	3709.5	3786.5	3844.2	3871.2
22.5°	3542.2	3544.1	3574.9	3611.4	3619.1	3624.9	3644.1	3709.5	3805.8	3867.3	3878.9
25°	3490.2	3496.0	3528.7	3572.9	3582.6	3594.1	3626.8	3711.5	3811.5	3851.9	3832.7
27.5°	3434.4	3446.0	3488.3	3534.5	3546.0	3565.2	3607.6	3699.9	3784.6	3786.5	3715.3
30°	3376.7	3390.2	3440.2	3494.1	3513.3	3532.5	3584.5	3673.0	3719.2	3657.6	3532.5
32.5°	3311.3	3330.5	3380.5	3446.0	3469.0	3494.1	3546.0	3621.0	3603.7	3471.0	3292.0
35°	3228.5	3255.5	3313.2	3390.2	3411.3	3444.0	3480.6	3497.9	3420.9	3232.4	3030.4
37.5°	3126.6	3167.0	3234.3	3322.8	3345.9	3367.1	3376.7	3328.6	3174.7	2970.7	2761.0
40°	3009.2	3070.8	3143.9	3242.0	3265.1	3265.1	3230.5	3128.5	2934.2	2666.7	2433.9
42.5°	2866.8	2941.9	3034.2	3132.3	3155.4	3128.5	3045.8	2866.8	2645.6	2347.3	2101.1
45°	2693.7	2793.7	2897.6	2999.6	3011.1	2951.5	2803.3	2576.3	2303.1	2026.0	1791.3
47.5°	2487.8	2618.6	2732.1	2847.6	2832.2	2732.1	2534.0	2276.1	1987.5	1725.9	1537.3
50°	2256.9	2410.8	2537.8	2647.5	2614.8	2476.2	2243.4	1974.1	1687.4	1464.2	1308.3
52.5°	2010.6	2187.6	2314.6	2403.1	2358.9	2193.4	1937.5	1679.7	1445.0	1241.0	1137.1
55°	1754.7	1933.7	2064.5	2133.8	2076.0	1897.1	1645.1	1410.3	1189.1	1056.3	994.7
57.5°	1506.5	1673.9	1797.1	1852.9	1779.7	1600.8	1368.0	1169.8	1010.1	898.5	867.7
60°	1267.9	1404.5	1521.9	1564.2	1485.4	1319.9	1119.8	962.0	844.7	767.7	752.3
62.5°	1046.7	1158.3	1250.6	1283.3	1206.4	1077.5	904.3	786.9	704.2	665.7	646.5
65°	863.9	929.3	1023.6	1017.8	971.6	852.3	725.4	642.6	588.8	563.7	552.2
67.5°	679.2	738.8	798.5	806.2	748.5	665.7	583.0	523.3	494.5	481.0	475.2
70°	525.3	569.5	606.1	596.5	565.7	513.7	461.8	429.1	417.5	411.7	411.7
72.5°	407.9	431.0	448.3	436.8	417.5	390.6	365.6	352.1	354.0	357.9	361.7
75°	315.5	321.3	325.2	313.6	309.8	292.5	290.5	292.5	304.0	315.5	321.3
77.5°	242.4	234.7	229.0	217.4	219.3	217.4	227.0	242.4	259.7	277.1	292.5
80°	186.6	169.3	155.8	144.3	150.1	159.7	178.9	202.0	225.1	244.4	263.6
82.5°	144.3	119.3	100.1	88.5	100.1	115.4	140.5	169.3	196.3	217.4	238.6
85°	111.6	82.7	59.6	48.1	59.6	82.7	109.7	142.4	171.2	194.3	215.5
87.5°	86.6	59.6	32.7	19.2	32.7	57.7	88.5	119.3	148.2	175.1	196.3
90°	69.3	40.4	15.4	3.8	17.3	40.4	69.3	100.1	128.9	157.8	178.9
92.5°	55.8	28.9	7.7	0.0	9.6	30.8	57.7	86.6	115.4	142.4	163.5
95°	46.2	23.1	5.8	0.0	7.7	23.1	46.2	75.0	102.0	128.9	146.2
97.5°	38.5	17.3	3.8	0.0	3.8	19.2	38.5	63.5	90.4	115.4	132.8
100°	32.7	15.4	3.8	0.0	3.8	15.4	32.7	55.8	78.9	102.0	119.3
102.5°	26.9	11.5	1.9	1.9	1.9	11.5	28.9	48.1	69.3	90.4	107.7
105°	25.0	9.6	1.9	1.9	1.9	9.6	25.0	42.3	61.6	80.8	96.2
107.5°	21.2	7.7	1.9	1.9	1.9	7.7	21.2	36.6	55.8	73.1	86.6
110°	17.3	7.7	1.9	1.9	1.9	7.7	17.3	32.7	48.1	63.5	77.0



TEST NUMBER: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	15.4	5.8	1.9	1.9	1.9	5.8	15.4	28.9	42.3	57.7	69.3
115°	13.5	5.8	1.9	1.9	1.9	5.8	13.5	25.0	36.6	50.0	61.6
117.5°	11.5	5.8	1.9	1.9	1.9	3.8	11.5	21.2	32.7	44.3	55.8
120°	9.6	3.8	1.9	1.9	1.9	3.8	9.6	19.2	28.9	38.5	48.1
122.5°	9.6	3.8	1.9	1.9	1.9	3.8	7.7	15.4	25.0	32.7	42.3
125°	7.7	3.8	1.9	1.9	1.9	1.9	7.7	13.5	21.2	28.9	36.6
127.5°	7.7	3.8	1.9	1.9	1.9	1.9	5.8	11.5	17.3	25.0	32.7
130°	5.8	3.8	1.9	1.9	1.9	1.9	3.8	9.6	15.4	21.2	26.9
132.5°	5.8	3.8	1.9	1.9	1.9	1.9	3.8	7.7	11.5	17.3	23.1
135°	5.8	1.9	1.9	1.9	1.9	1.9	1.9	5.8	9.6	13.5	17.3
137.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	3.8	7.7	9.6	15.4
140°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	3.8	5.8	7.7	11.5
142.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	5.8	9.6
145°	3.8	1.9	1.9	3.8	3.8	1.9	1.9	3.8	3.8	5.8	7.7
147.5°	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	3.8	5.8
150°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.8
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: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3744.2	3699.9	3723.0	3715.3	3723.0	3742.3	3740.3	3734.6	3738.4	3728.8	3719.2
5°	3736.5	3692.2	3715.3	3705.7	3715.3	3734.6	3730.7	3724.9	3730.7	3719.2	3709.5
7.5°	3726.9	3686.5	3713.4	3711.5	3728.8	3753.8	3755.7	3755.7	3769.2	3751.9	3744.2
10°	3726.9	3705.7	3742.3	3755.7	3800.0	3832.7	3836.5	3844.2	3867.3	3863.5	3844.2
12.5°	3767.3	3763.4	3817.3	3850.0	3890.4	3936.6	3961.6	3969.3	3984.7	3973.1	3965.4
15°	3819.2	3838.5	3898.1	3934.7	3978.9	4013.5	4019.3	4023.2	4034.7	4017.4	4003.9
17.5°	3888.5	3900.0	3948.1	3963.5	3992.4	3998.2	3990.5	3971.2	3971.2	3932.7	3921.2
20°	3921.2	3915.4	3934.7	3909.6	3898.1	3863.5	3830.8	3794.2	3792.3	3751.9	3748.0
22.5°	3892.3	3853.9	3813.4	3751.9	3724.9	3674.9	3630.7	3609.5	3596.0	3544.1	3530.6
25°	3790.4	3696.1	3636.4	3563.3	3497.9	3440.2	3397.9	3353.6	3311.3	3268.9	3249.7
27.5°	3613.3	3524.8	3428.6	3326.7	3236.2	3147.7	3076.5	3032.3	2991.9	2936.1	2907.2
30°	3395.9	3272.8	3167.0	3068.8	2920.7	2812.9	2753.3	2664.8	2634.0	2609.0	2555.1
32.5°	3140.0	2991.9	2847.6	2714.8	2562.8	2462.8	2383.9	2318.5	2299.2	2233.8	2218.4
35°	2857.2	2662.9	2499.3	2368.5	2258.8	2137.6	2072.2	2027.9	1989.5	1945.2	1937.5
37.5°	2524.3	2349.3	2164.5	2049.1	1962.5	1858.6	1808.6	1777.8	1760.5	1727.8	1722.0
40°	2189.6	2014.5	1887.5	1772.0	1718.2	1662.4	1625.8	1612.3	1604.6	1593.1	1581.6
42.5°	1885.6	1731.6	1641.2	1564.2	1541.2	1514.2	1504.6	1512.3	1504.6	1500.8	1498.8
45°	1627.7	1510.4	1446.9	1423.8	1418.0	1410.3	1418.0	1431.5	1433.4	1429.6	1429.6
47.5°	1393.0	1337.2	1310.3	1314.1	1323.7	1329.5	1343.0	1360.3	1364.1	1354.5	1358.4
50°	1239.1	1206.4	1200.6	1216.0	1237.2	1244.9	1260.2	1273.7	1271.8	1267.9	1264.1
52.5°	1094.8	1085.2	1100.6	1115.9	1139.0	1142.9	1148.7	1154.4	1152.5	1144.8	1141.0
55°	973.6	981.3	994.7	1000.5	1017.8	1015.9	1017.8	1017.8	1010.1	1006.3	1000.5
57.5°	863.9	865.8	873.5	875.4	885.1	881.2	879.3	875.4	863.9	862.0	856.2
60°	752.3	748.5	765.8	752.3	760.0	752.3	750.4	740.8	729.2	727.3	723.4
62.5°	646.5	638.8	650.3	644.6	648.4	640.7	636.9	625.3	615.7	613.8	611.8
65°	552.2	548.4	559.9	558.0	561.8	552.2	548.4	540.7	533.0	531.0	529.1
67.5°	473.3	482.9	488.7	488.7	492.6	490.6	481.0	479.1	477.2	469.5	469.5
70°	415.6	421.4	432.9	434.8	432.9	436.8	429.1	427.1	425.2	421.4	419.4
72.5°	369.4	377.1	388.7	390.6	388.7	388.7	384.8	382.9	382.9	377.1	377.1
75°	332.9	342.5	352.1	352.1	352.1	348.3	344.4	344.4	340.6	338.6	334.8
77.5°	302.1	313.6	321.3	319.4	317.5	313.6	313.6	307.8	302.1	302.1	298.2
80°	279.0	286.7	292.5	290.5	288.6	282.8	280.9	275.1	271.3	265.5	265.5
82.5°	254.0	263.6	267.4	265.5	261.7	255.9	254.0	250.1	246.3	244.4	240.5
85°	232.8	242.4	244.4	240.5	236.7	232.8	230.9	229.0	227.0	223.2	223.2
87.5°	211.6	221.3	221.3	219.3	215.5	213.6	211.6	209.7	207.8	205.9	203.9
90°	194.3	202.0	202.0	200.1	198.2	196.3	194.3	192.4	190.5	188.6	188.6
92.5°	177.0	184.7	184.7	182.8	180.9	178.9	178.9	177.0	175.1	173.2	171.2
95°	161.6	169.3	169.3	169.3	167.4	165.5	165.5	163.5	161.6	161.6	159.7
97.5°	146.2	153.9	153.9	153.9	152.0	150.1	150.1	148.2	148.2	148.2	146.2
100°	132.8	138.5	140.5	140.5	138.5	138.5	138.5	136.6	136.6	136.6	134.7
102.5°	119.3	125.1	128.9	128.9	128.9	127.0	127.0	127.0	127.0	127.0	125.1
105°	107.7	113.5	117.4	119.3	119.3	119.3	119.3	119.3	119.3	119.3	119.3
107.5°	98.1	103.9	107.7	109.7	111.6	111.6	113.5	113.5	113.5	113.5	113.5
110°	88.5	94.3	100.1	102.0	103.9	105.8	105.8	107.7	105.8	105.8	105.8



TEST NUMBER: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	78.9	86.6	90.4	94.3	96.2	98.1	100.1	100.1	100.1	100.1	100.1
115°	71.2	78.9	82.7	86.6	90.4	92.4	92.4	94.3	94.3	94.3	92.4
117.5°	63.5	71.2	75.0	78.9	80.8	84.7	86.6	86.6	86.6	86.6	84.7
120°	57.7	63.5	67.3	71.2	75.0	77.0	78.9	78.9	78.9	78.9	78.9
122.5°	50.0	55.8	61.6	65.4	67.3	69.3	71.2	71.2	71.2	71.2	71.2
125°	44.3	50.0	53.9	57.7	59.6	63.5	63.5	63.5	63.5	63.5	63.5
127.5°	38.5	44.3	48.1	51.9	53.9	55.8	57.7	57.7	57.7	57.7	57.7
130°	32.7	38.5	42.3	46.2	48.1	50.0	50.0	51.9	51.9	51.9	51.9
132.5°	28.9	32.7	36.6	40.4	42.3	44.3	44.3	46.2	46.2	46.2	46.2
135°	23.1	28.9	30.8	34.6	36.6	38.5	38.5	40.4	40.4	40.4	40.4
137.5°	19.2	23.1	26.9	30.8	32.7	32.7	34.6	34.6	36.6	36.6	36.6
140°	15.4	17.3	23.1	25.0	26.9	28.9	30.8	30.8	30.8	30.8	30.8
142.5°	11.5	15.4	17.3	21.2	23.1	25.0	26.9	26.9	26.9	26.9	26.9
145°	9.6	11.5	13.5	17.3	19.2	21.2	23.1	23.1	23.1	23.1	23.1
147.5°	7.7	9.6	11.5	13.5	15.4	17.3	19.2	19.2	19.2	19.2	19.2
150°	5.8	7.7	9.6	9.6	11.5	13.5	15.4	17.3	17.3	17.3	17.3
152.5°	5.8	5.8	7.7	7.7	9.6	11.5	13.5	13.5	13.5	13.5	13.5
155°	3.8	5.8	5.8	5.8	7.7	7.7	9.6	11.5	11.5	11.5	11.5
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: P290242

CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3724.9	3732.6	3728.8	3723.0	3721.1	3730.7	3721.1	3676.8	3694.2	3696.1	3709.5
5°	3719.2	3724.9	3721.1	3717.2	3711.5	3723.0	3711.5	3665.3	3682.6	3684.5	3698.0
7.5°	3757.7	3759.6	3759.6	3750.0	3734.6	3740.3	3724.9	3673.0	3682.6	3682.6	3692.2
10°	3853.9	3857.7	3863.5	3838.5	3819.2	3803.8	3782.7	3719.2	3717.2	3701.9	3701.9
12.5°	3978.9	3969.3	3959.7	3948.1	3932.7	3913.5	3882.7	3807.7	3782.7	3757.7	3732.6
15°	4015.5	4011.6	4009.7	4003.9	3994.3	3988.5	3965.4	3890.4	3853.9	3823.1	3778.8
17.5°	3919.3	3927.0	3952.0	3953.9	3965.4	3988.5	3984.7	3932.7	3900.0	3886.6	3832.7
20°	3746.1	3748.0	3778.8	3792.3	3842.3	3880.8	3909.6	3903.9	3896.2	3911.6	3871.2
22.5°	3538.3	3551.8	3584.5	3605.7	3653.8	3698.0	3744.2	3769.2	3809.6	3873.1	3865.4
25°	3255.5	3272.8	3319.0	3353.6	3420.9	3488.3	3549.9	3594.1	3642.2	3763.4	3803.8
27.5°	2916.8	2943.8	3003.4	3038.1	3132.3	3201.6	3290.1	3376.7	3444.0	3582.6	3665.3
30°	2560.9	2584.0	2647.5	2695.6	2776.4	2870.7	2982.3	3105.4	3217.0	3357.4	3461.3
32.5°	2228.0	2253.1	2305.0	2347.3	2437.8	2516.6	2639.8	2791.8	2895.7	3090.0	3228.5
35°	1937.5	1960.6	1997.2	2033.7	2108.7	2189.6	2295.4	2443.5	2576.3	2778.3	2953.4
37.5°	1733.6	1737.4	1758.6	1779.7	1835.5	1897.1	1979.8	2110.7	2233.8	2451.2	2643.6
40°	1587.3	1587.3	1598.9	1604.6	1629.7	1666.2	1718.2	1820.1	1922.1	2087.6	2322.3
42.5°	1496.9	1493.1	1493.1	1495.0	1493.1	1510.4	1541.2	1589.3	1679.7	1816.3	1999.1
45°	1429.6	1421.9	1416.1	1402.6	1394.9	1394.9	1396.9	1414.2	1466.1	1554.6	1702.8
47.5°	1354.5	1352.6	1343.0	1327.6	1314.1	1304.5	1289.1	1283.3	1298.7	1348.8	1448.8
50°	1267.9	1258.3	1248.7	1237.2	1221.8	1212.1	1183.3	1185.2	1171.7	1194.8	1246.8
52.5°	1141.0	1133.3	1129.4	1119.8	1114.0	1110.2	1087.1	1064.0	1058.2	1062.1	1081.3
55°	1000.5	1004.3	989.0	996.7	994.7	977.4	967.8	950.5	944.7	942.8	952.4
57.5°	854.3	858.1	848.5	856.2	856.2	846.6	840.8	840.8	827.3	815.8	829.3
60°	721.5	713.8	719.6	729.2	729.2	723.4	719.6	719.6	710.0	706.1	715.7
62.5°	613.8	606.1	611.8	621.5	623.4	619.5	615.7	615.7	604.1	604.1	611.8
65°	531.0	533.0	531.0	538.7	538.7	540.7	536.8	533.0	519.5	525.3	523.3
67.5°	471.4	469.5	469.5	477.2	475.2	479.1	475.2	469.5	459.8	452.1	450.2
70°	421.4	419.4	419.4	423.3	425.2	425.2	423.3	419.4	406.0	398.3	392.5
72.5°	377.1	375.2	377.1	379.0	381.0	382.9	381.0	377.1	365.6	355.9	346.3
75°	336.7	334.8	340.6	340.6	342.5	342.5	344.4	342.5	332.9	321.3	309.8
77.5°	296.3	298.2	304.0	305.9	309.8	311.7	313.6	313.6	304.0	294.4	279.0
80°	263.6	267.4	271.3	273.2	277.1	282.8	284.8	286.7	279.0	269.4	252.0
82.5°	240.5	242.4	246.3	248.2	254.0	255.9	257.8	261.7	257.8	248.2	229.0
85°	221.3	223.2	227.0	227.0	230.9	234.7	236.7	238.6	236.7	227.0	207.8
87.5°	203.9	205.9	207.8	209.7	211.6	213.6	215.5	217.4	215.5	205.9	188.6
90°	188.6	188.6	190.5	190.5	192.4	194.3	198.2	198.2	196.3	188.6	171.2
92.5°	171.2	173.2	173.2	175.1	177.0	178.9	180.9	180.9	178.9	171.2	155.8
95°	159.7	159.7	161.6	161.6	163.5	163.5	165.5	165.5	163.5	155.8	140.5
97.5°	146.2	146.2	146.2	146.2	148.2	148.2	150.1	150.1	148.2	140.5	127.0
100°	134.7	134.7	134.7	134.7	134.7	136.6	136.6	136.6	134.7	127.0	113.5
102.5°	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	121.2	115.4	102.0
105°	119.3	119.3	119.3	117.4	117.4	117.4	115.4	115.4	109.7	103.9	92.4
107.5°	111.6	111.6	111.6	109.7	109.7	107.7	105.8	105.8	100.1	94.3	82.7
110°	105.8	105.8	105.8	103.9	102.0	100.1	98.1	96.2	90.4	82.7	73.1



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CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	100.1	100.1	98.1	98.1	96.2	94.3	90.4	88.5	82.7	75.0	65.4
115°	92.4	92.4	92.4	90.4	88.5	86.6	84.7	80.8	75.0	67.3	57.7
117.5°	84.7	84.7	84.7	82.7	80.8	78.9	77.0	73.1	67.3	59.6	51.9
120°	77.0	77.0	77.0	75.0	73.1	71.2	69.3	65.4	59.6	53.9	44.3
122.5°	71.2	71.2	69.3	67.3	65.4	63.5	61.6	57.7	53.9	46.2	38.5
125°	63.5	63.5	61.6	61.6	59.6	57.7	55.8	51.9	46.2	40.4	34.6
127.5°	57.7	55.8	55.8	55.8	53.9	51.9	48.1	46.2	40.4	34.6	28.9
130°	50.0	50.0	50.0	48.1	48.1	46.2	42.3	38.5	34.6	30.8	25.0
132.5°	44.3	44.3	44.3	44.3	42.3	40.4	36.6	34.6	30.8	25.0	21.2
135°	40.4	40.4	38.5	38.5	36.6	34.6	32.7	28.9	25.0	21.2	17.3
137.5°	34.6	34.6	34.6	32.7	32.7	30.8	26.9	25.0	23.1	19.2	15.4
140°	30.8	30.8	28.9	28.9	26.9	26.9	25.0	21.2	19.2	15.4	13.5
142.5°	26.9	26.9	25.0	25.0	23.1	23.1	21.2	19.2	15.4	13.5	9.6
145°	23.1	23.1	21.2	21.2	21.2	19.2	17.3	15.4	13.5	11.5	9.6
147.5°	19.2	19.2	19.2	17.3	17.3	15.4	15.4	13.5	11.5	9.6	7.7
150°	17.3	17.3	15.4	15.4	15.4	13.5	11.5	11.5	9.6	7.7	5.8
152.5°	13.5	13.5	13.5	13.5	11.5	11.5	9.6	9.6	7.7	5.8	5.8
155°	11.5	11.5	11.5	9.6	9.6	9.6	7.7	7.7	5.8	5.8	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



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CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9	3724.9
2.5°	3703.8	3701.9	3719.2	3717.2	3694.2	3728.8	3751.9
5°	3694.2	3692.2	3707.6	3711.5	3686.5	3723.0	3748.0
7.5°	3686.5	3684.5	3701.9	3707.6	3682.6	3715.3	3742.3
10°	3688.4	3678.8	3694.2	3698.0	3674.9	3709.5	3732.6
12.5°	3701.9	3678.8	3684.5	3684.5	3663.4	3694.2	3719.2
15°	3734.6	3686.5	3678.8	3673.0	3646.1	3674.9	3699.9
17.5°	3771.1	3705.7	3678.8	3659.5	3626.8	3651.8	3678.8
20°	3807.7	3726.9	3682.6	3651.8	3607.6	3630.7	3649.9
22.5°	3825.0	3746.1	3686.5	3640.3	3584.5	3596.0	3617.2
25°	3801.9	3738.4	3678.8	3623.0	3555.6	3557.5	3574.9
27.5°	3717.2	3699.9	3661.4	3605.7	3532.5	3522.9	3536.4
30°	3572.9	3621.0	3623.0	3582.6	3505.6	3486.4	3492.1
32.5°	3370.9	3478.7	3542.2	3534.5	3467.1	3440.2	3444.0
35°	3138.1	3272.8	3411.3	3457.5	3409.4	3388.2	3380.5
37.5°	2859.1	3040.0	3224.7	3338.2	3330.5	3317.0	3309.3
40°	2551.3	2768.7	2988.0	3168.9	3224.7	3224.7	3228.5
42.5°	2222.3	2476.2	2716.7	2945.7	3076.5	3105.4	3116.9
45°	1904.8	2160.7	2422.4	2686.0	2861.0	2951.5	2984.2
47.5°	1616.2	1874.0	2122.2	2410.8	2643.6	2761.0	2812.9
50°	1369.9	1562.3	1824.0	2110.7	2364.6	2508.9	2610.9
52.5°	1166.0	1316.0	1545.0	1812.4	2068.3	2266.5	2360.8
55°	994.7	1096.7	1291.0	1521.9	1766.3	1972.1	2081.8
57.5°	850.4	931.2	1064.0	1256.4	1462.3	1666.2	1783.6
60°	723.4	779.2	869.7	1021.7	1196.8	1371.8	1485.4
62.5°	613.8	650.3	710.0	821.6	958.2	1094.8	1200.6
65°	529.1	544.5	577.2	646.5	750.4	854.3	944.7
67.5°	446.4	456.0	481.0	523.3	575.3	650.3	710.0
70°	384.8	384.8	386.7	411.7	438.7	486.8	529.1
72.5°	334.8	329.0	317.5	323.2	329.0	355.9	382.9
75°	294.4	280.9	261.7	254.0	250.1	254.0	269.4
77.5°	259.7	240.5	217.4	198.2	182.8	177.0	190.5
80°	230.9	207.8	180.9	155.8	130.8	117.4	123.1
82.5°	207.8	178.9	150.1	121.2	92.4	73.1	73.1
85°	182.8	155.8	125.1	94.3	65.4	40.4	36.6
87.5°	165.5	136.6	103.9	75.0	46.2	21.2	11.5
90°	148.2	119.3	88.5	59.6	32.7	9.6	0.0
92.5°	132.8	105.8	77.0	48.1	23.1	5.8	0.0
95°	119.3	94.3	65.4	40.4	19.2	3.8	1.9
97.5°	105.8	82.7	57.7	32.7	13.5	3.8	1.9
100°	96.2	73.1	50.0	26.9	11.5	1.9	1.9
102.5°	84.7	65.4	42.3	23.1	9.6	1.9	1.9
105°	75.0	57.7	36.6	19.2	7.7	1.9	1.9
107.5°	67.3	50.0	32.7	17.3	7.7	1.9	1.9
110°	59.6	44.3	28.9	15.4	5.8	1.9	1.9



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CATALOG NUMBER: 8SSRK-LC-80-L840-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	53.9	38.5	25.0	13.5	3.8	1.9	1.9
115°	46.2	34.6	21.2	11.5	3.8	1.9	1.9
117.5°	40.4	28.9	19.2	9.6	3.8	1.9	1.9
120°	34.6	25.0	15.4	7.7	1.9	1.9	1.9
122.5°	30.8	21.2	13.5	7.7	1.9	1.9	1.9
125°	26.9	19.2	11.5	5.8	1.9	1.9	1.9
127.5°	23.1	15.4	9.6	3.8	1.9	1.9	1.9
130°	19.2	13.5	7.7	3.8	1.9	1.9	1.9
132.5°	15.4	11.5	7.7	3.8	1.9	1.9	1.9
135°	13.5	9.6	5.8	3.8	1.9	1.9	1.9
137.5°	11.5	7.7	3.8	3.8	3.8	1.9	1.9
140°	9.6	5.8	3.8	3.8	3.8	3.8	1.9
142.5°	7.7	5.8	3.8	3.8	3.8	3.8	1.9
145°	5.8	3.8	3.8	3.8	3.8	3.8	1.9
147.5°	5.8	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)