

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: P290246

Luminaire Tested: **8SSRK-LC-10-L940-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: P290246
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SSRK-LC-10-L940-CD1-U
Description: 10000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9218.3 lumens
Efficiency: N/A
Efficacy: 128.2 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

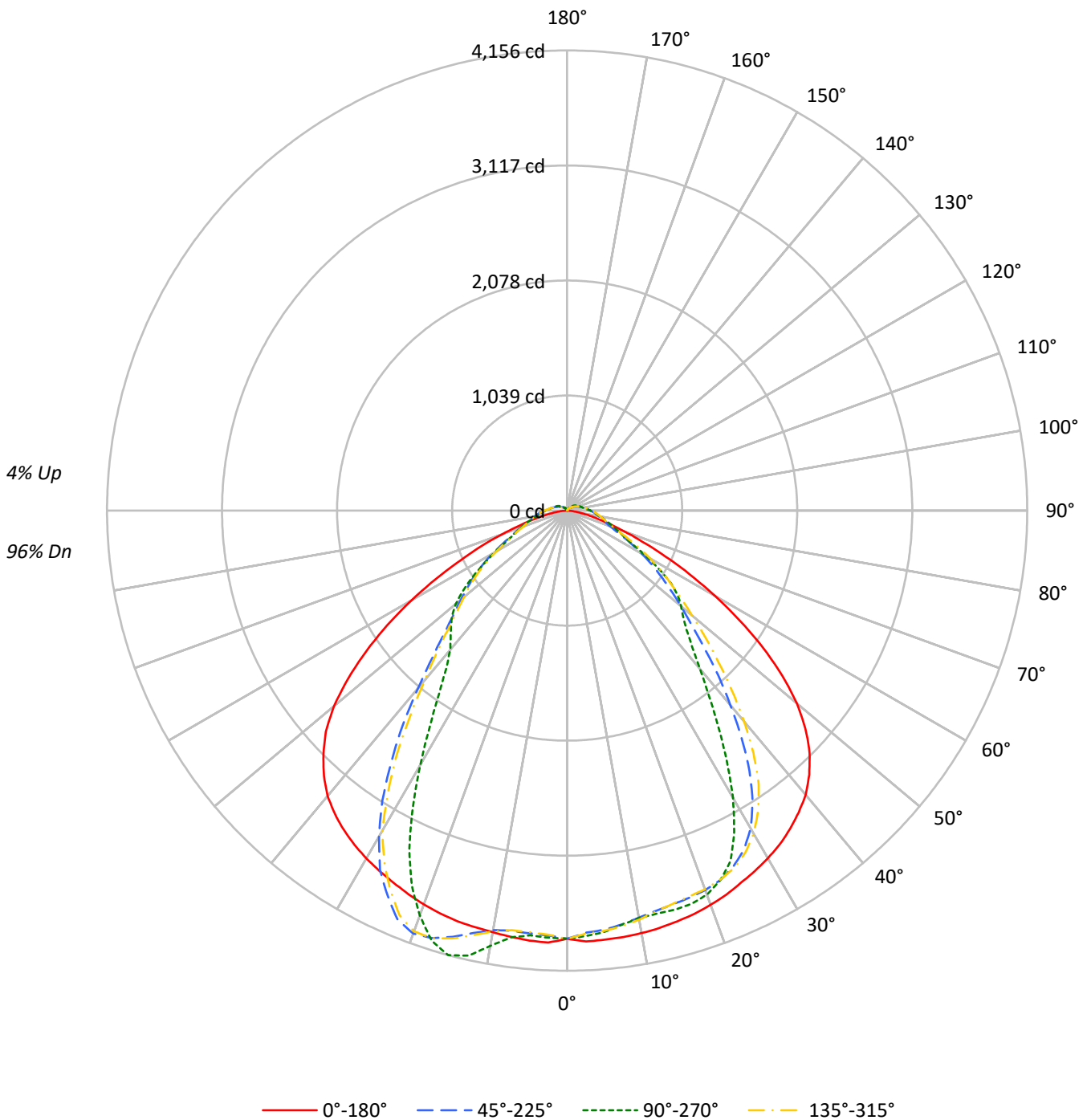
Input Watts (W): 71.9151
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	124865	124865	124865	124865
5°	125890	91747	126149	92465
10°	126588	71855	126327	76733
15°	127691	60236	127624	67068
20°	129221	51648	129085	54442
25°	130950	43415	130879	41950
30°	133563	33734	133636	29885
35°	136350	24651	136738	20860
40°	138850	18032	139430	15887
45°	138580	13919	139296	13554
50°	132863	11692	134720	11431
55°	118151	9582	121098	8711
60°	96112	6671	101217	6118
65°	71729	4621	77280	4382
70°	49054	3586	55296	3429
75°	32368	2879	37693	2722
80°	21254	2352	24913	2164
85°	11341	2012	14932	1837



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	367.3	4.0
10°-20°	1092.9	11.9
20°-30°	1661.4	18.0
30°-40°	1782.3	19.3
40°-50°	1546.9	16.8
50°-60°	1146.4	12.4
60°-70°	656.8	7.1
70°-80°	363.7	3.9
80°-90°	221.5	2.4
90°-100°	144.0	1.6
100°-110°	96.5	1.0
110°-120°	65.2	0.7
120°-130°	40.0	0.4
130°-140°	21.0	0.2
140°-150°	9.6	0.1
150°-160°	2.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3121.6	33.9
0°-40°	4903.9	53.2
0°-60°	7597.2	82.4
0°-90°	8839.2	95.9
90°-120°	305.6	3.3
90°-150°	376.2	4.1
90°-180°	379.0	4.1
0°-180°	9218.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3867	3867	3867	3867	3867	
5°	3891	3821	3899	3851	3891	371
15°	3841	3733	3839	4156	3841	1087
25°	3711	3491	3709	3374	3711	1715
35°	3509	2377	3519	2011	3509	2197
45°	3098	1524	3114	1484	3098	2372
55°	2161	1142	2215	1039	2161	1916
65°	981	579	1057	549	981	989
75°	280	368	326	348	280	319
85°	38	254	50	232	38	50
90°	0	212	4	196	0	2
95°	2	174	0	166	2	1
105°	2	130	2	124	2	2
115°	2	106	2	96	2	2
125°	2	80	2	66	2	2
135°	2	50	2	42	2	2
145°	2	30	4	24	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	



TEST NUMBER: P290246

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3894.8	3884.8	3880.8	3872.8	3878.8	3902.8	3886.8	3860.8	3862.8	3816.9	3840.9
5°	3890.8	3878.8	3872.8	3864.8	3868.8	3890.8	3874.8	3848.8	3846.8	3800.9	3822.9
7.5°	3884.8	3872.8	3862.8	3856.8	3858.8	3876.8	3856.8	3826.9	3820.9	3770.9	3790.9
10°	3874.8	3866.8	3852.8	3842.9	3840.9	3860.8	3828.9	3798.9	3784.9	3733.0	3753.0
12.5°	3860.8	3848.8	3834.9	3816.9	3814.9	3826.9	3800.9	3759.0	3745.0	3703.0	3725.0
15°	3840.9	3826.9	3810.9	3790.9	3780.9	3788.9	3757.0	3719.0	3717.0	3681.1	3711.0
17.5°	3818.9	3798.9	3780.9	3753.0	3739.0	3745.0	3719.0	3685.1	3689.1	3667.1	3701.0
20°	3788.9	3767.0	3739.0	3711.0	3691.1	3701.0	3683.1	3657.1	3663.1	3647.1	3677.1
22.5°	3755.0	3725.0	3691.1	3659.1	3643.1	3657.1	3643.1	3621.1	3623.1	3613.2	3631.1
25°	3711.0	3677.1	3637.1	3597.2	3589.2	3599.2	3591.2	3573.2	3565.2	3549.2	3557.2
27.5°	3671.1	3633.1	3583.2	3541.3	3527.3	3547.2	3529.3	3499.3	3477.3	3455.4	3439.4
30°	3625.1	3579.2	3523.3	3475.3	3463.4	3471.3	3445.4	3399.4	3341.5	3313.6	3269.6
32.5°	3575.2	3515.3	3445.4	3391.5	3383.5	3377.5	3329.5	3263.6	3173.7	3117.8	3049.9
35°	3509.3	3443.4	3359.5	3293.6	3281.6	3247.6	3169.8	3081.9	2966.0	2870.2	2754.3
37.5°	3435.4	3357.5	3269.6	3181.7	3147.8	3079.9	2970.0	2878.1	2702.4	2586.5	2446.7
40°	3351.5	3257.6	3149.8	3043.9	2988.0	2878.1	2752.3	2616.5	2446.7	2290.9	2173.1
42.5°	3235.7	3135.8	3008.0	2890.1	2794.3	2648.5	2500.6	2308.9	2153.1	2021.3	1901.5
45°	3097.8	2978.0	2830.2	2688.4	2566.6	2392.8	2219.0	2027.3	1897.5	1743.7	1661.8
47.5°	2920.1	2790.3	2632.5	2474.7	2314.9	2123.2	1941.4	1757.6	1627.8	1518.0	1458.0
50°	2710.4	2590.5	2416.8	2229.0	2053.2	1853.5	1671.8	1533.9	1408.1	1340.2	1294.3
52.5°	2450.7	2338.9	2161.1	1957.4	1787.6	1591.9	1426.1	1314.2	1224.4	1174.4	1158.4
55°	2161.1	2063.2	1887.5	1697.7	1524.0	1344.2	1218.4	1120.5	1062.6	1032.6	1034.6
57.5°	1851.5	1775.6	1609.8	1440.1	1276.3	1140.5	1026.6	948.7	904.8	902.8	908.8
60°	1541.9	1486.0	1342.2	1196.4	1052.6	942.7	858.8	804.9	777.0	779.0	777.0
62.5°	1246.3	1194.4	1090.5	970.7	856.9	783.0	707.1	685.1	661.1	659.1	659.1
65°	980.7	940.7	856.9	771.0	685.1	637.1	599.2	573.2	555.3	551.3	553.3
67.5°	737.0	721.0	663.1	605.2	551.3	521.3	489.3	483.4	469.4	469.4	473.4
70°	549.3	537.3	505.3	471.4	449.4	429.4	413.4	413.4	411.4	409.5	419.4
72.5°	397.5	399.5	389.5	363.5	361.5	357.5	353.5	359.5	361.5	367.5	379.5
75°	279.6	285.6	285.6	281.6	289.6	299.6	305.6	315.6	327.6	335.6	349.5
77.5°	197.7	197.7	207.7	219.7	235.7	253.7	269.6	283.6	299.6	309.6	321.6
80°	127.8	133.8	149.8	171.8	193.7	217.7	239.7	257.7	273.6	289.6	297.6
82.5°	75.9	85.9	105.9	133.8	161.8	191.7	213.7	235.7	253.7	269.6	275.6
85°	37.9	51.9	75.9	105.9	135.8	167.8	195.7	215.7	235.7	249.7	257.7
87.5°	12.0	28.0	53.9	81.9	113.8	145.8	175.8	197.7	215.7	227.7	235.7
90°	0.0	14.0	37.9	67.9	97.9	129.8	157.8	181.8	199.7	209.7	215.7
92.5°	0.0	8.0	30.0	55.9	83.9	115.8	143.8	165.8	181.8	191.7	195.7
95°	2.0	6.0	22.0	45.9	73.9	103.9	129.8	149.8	165.8	175.8	177.8
97.5°	2.0	4.0	18.0	37.9	63.9	91.9	117.8	137.8	149.8	159.8	161.8
100°	2.0	4.0	14.0	34.0	55.9	81.9	105.9	123.8	137.8	145.8	147.8
102.5°	2.0	2.0	12.0	28.0	49.9	71.9	93.9	111.9	123.8	131.8	135.8
105°	2.0	2.0	10.0	24.0	43.9	63.9	83.9	101.9	111.9	119.8	123.8
107.5°	2.0	2.0	8.0	20.0	37.9	55.9	75.9	89.9	101.9	109.9	113.8
110°	2.0	2.0	6.0	18.0	32.0	49.9	65.9	79.9	91.9	99.9	103.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.0	2.0	6.0	16.0	28.0	43.9	57.9	71.9	81.9	89.9	95.9
115°	2.0	2.0	6.0	14.0	26.0	37.9	51.9	63.9	73.9	81.9	87.9
117.5°	2.0	2.0	6.0	12.0	22.0	34.0	45.9	57.9	65.9	73.9	79.9
120°	2.0	2.0	4.0	10.0	20.0	30.0	39.9	49.9	59.9	67.9	73.9
122.5°	2.0	2.0	4.0	10.0	16.0	26.0	36.0	43.9	53.9	59.9	65.9
125°	2.0	2.0	4.0	8.0	14.0	24.0	32.0	39.9	45.9	53.9	59.9
127.5°	2.0	2.0	4.0	8.0	12.0	20.0	28.0	36.0	41.9	47.9	51.9
130°	2.0	2.0	4.0	6.0	10.0	16.0	24.0	30.0	37.9	41.9	45.9
132.5°	2.0	2.0	2.0	6.0	8.0	12.0	18.0	26.0	32.0	37.9	39.9
135°	2.0	2.0	2.0	4.0	8.0	10.0	14.0	20.0	26.0	32.0	36.0
137.5°	2.0	2.0	2.0	4.0	6.0	10.0	12.0	16.0	22.0	26.0	32.0
140°	2.0	2.0	2.0	4.0	6.0	8.0	10.0	14.0	18.0	22.0	26.0
142.5°	2.0	2.0	2.0	4.0	4.0	6.0	8.0	12.0	14.0	18.0	22.0
145°	2.0	2.0	2.0	4.0	4.0	6.0	8.0	10.0	12.0	14.0	18.0
147.5°	2.0	2.0	2.0	4.0	4.0	4.0	6.0	8.0	10.0	12.0	14.0
150°	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	8.0	10.0	12.0
152.5°	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	8.0	10.0
155°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3832.9	3836.9	3860.8	3858.8	3854.8	3850.8	3850.8	3846.8	3850.8	3860.8	3856.8
5°	3812.9	3818.9	3836.9	3834.9	3830.9	3828.9	3826.9	3820.9	3824.9	3838.9	3834.9
7.5°	3776.9	3782.9	3798.9	3790.9	3784.9	3788.9	3778.9	3772.9	3780.9	3794.9	3792.9
10°	3739.0	3743.0	3763.0	3759.0	3749.0	3751.0	3741.0	3737.0	3747.0	3755.0	3757.0
12.5°	3713.0	3727.0	3745.0	3743.0	3741.0	3743.0	3733.0	3729.0	3735.0	3743.0	3741.0
15°	3707.0	3725.0	3745.0	3745.0	3747.0	3749.0	3739.0	3733.0	3739.0	3745.0	3743.0
17.5°	3701.0	3723.0	3741.0	3739.0	3741.0	3745.0	3729.0	3725.0	3733.0	3741.0	3737.0
20°	3681.1	3701.0	3713.0	3709.0	3709.0	3711.0	3691.1	3691.1	3703.0	3709.0	3711.0
22.5°	3625.1	3649.1	3649.1	3639.1	3639.1	3631.1	3625.1	3613.2	3627.1	3637.1	3645.1
25°	3541.3	3551.2	3539.3	3517.3	3505.3	3495.3	3467.4	3491.3	3491.3	3521.3	3531.3
27.5°	3423.4	3401.4	3367.5	3321.6	3311.6	3279.6	3261.6	3267.6	3277.6	3319.6	3351.5
30°	3229.7	3163.8	3105.8	3085.9	3041.9	3010.0	2978.0	2994.0	3012.0	3035.9	3101.8
32.5°	2974.0	2910.1	2816.2	2782.3	2736.3	2696.4	2658.4	2682.4	2714.4	2730.3	2802.2
35°	2680.4	2604.5	2518.6	2460.7	2412.8	2390.8	2342.9	2376.8	2410.8	2422.8	2484.7
37.5°	2368.8	2290.9	2215.0	2165.1	2119.2	2105.2	2073.2	2097.2	2123.2	2141.1	2193.1
40°	2073.2	2001.3	1943.4	1909.4	1877.5	1865.5	1853.5	1863.5	1883.5	1897.5	1937.4
42.5°	1819.6	1761.6	1721.7	1701.7	1679.7	1663.8	1665.8	1669.8	1679.7	1709.7	1727.7
45°	1597.9	1563.9	1537.9	1533.9	1520.0	1518.0	1516.0	1524.0	1530.0	1547.9	1561.9
47.5°	1420.1	1406.1	1400.1	1408.1	1414.1	1406.1	1410.1	1420.1	1432.1	1432.1	1430.1
50°	1280.3	1284.3	1292.3	1310.2	1322.2	1326.2	1330.2	1342.2	1344.2	1348.2	1342.2
52.5°	1166.4	1170.4	1192.4	1220.4	1234.3	1240.3	1248.3	1260.3	1260.3	1264.3	1256.3
55°	1050.6	1056.6	1078.6	1106.5	1118.5	1126.5	1134.5	1142.5	1148.5	1156.5	1150.5
57.5°	922.8	940.7	954.7	962.7	970.7	976.7	982.7	984.7	996.7	998.7	1008.6
60°	786.9	790.9	804.9	802.9	796.9	812.9	804.9	818.9	832.9	850.9	852.9
62.5°	657.1	659.1	669.1	665.1	673.1	671.1	677.1	677.1	687.1	695.1	705.1
65°	555.3	557.3	565.2	565.2	563.2	569.2	575.2	579.2	579.2	585.2	593.2
67.5°	479.4	485.3	493.3	497.3	501.3	501.3	507.3	509.3	513.3	515.3	519.3
70°	427.4	435.4	443.4	447.4	449.4	453.4	455.4	455.4	459.4	461.4	465.4
72.5°	389.5	397.5	403.5	403.5	407.5	409.5	409.5	411.4	413.4	417.4	421.4
75°	357.5	363.5	367.5	365.5	365.5	365.5	367.5	367.5	371.5	375.5	379.5
77.5°	327.6	333.6	333.6	329.6	329.6	329.6	329.6	331.6	333.6	337.5	341.5
80°	305.6	305.6	303.6	303.6	299.6	297.6	297.6	299.6	299.6	303.6	309.6
82.5°	281.6	281.6	279.6	277.6	275.6	273.6	273.6	275.6	277.6	279.6	283.6
85°	259.7	259.7	255.7	255.7	253.7	253.7	253.7	253.7	255.7	257.7	261.6
87.5°	237.7	235.7	233.7	231.7	231.7	231.7	231.7	231.7	233.7	237.7	239.7
90°	215.7	213.7	211.7	211.7	209.7	209.7	211.7	211.7	213.7	215.7	217.7
92.5°	195.7	193.7	191.7	191.7	189.7	189.7	191.7	189.7	193.7	193.7	195.7
95°	177.8	175.8	173.8	173.8	173.8	173.8	173.8	173.8	175.8	175.8	177.8
97.5°	161.8	159.8	157.8	157.8	159.8	157.8	159.8	159.8	159.8	161.8	163.8
100°	147.8	145.8	145.8	147.8	145.8	145.8	147.8	147.8	147.8	147.8	149.8
102.5°	135.8	135.8	135.8	135.8	135.8	135.8	137.8	137.8	137.8	137.8	139.8
105°	123.8	125.8	125.8	125.8	127.8	127.8	127.8	129.8	129.8	129.8	129.8
107.5°	115.8	117.8	117.8	119.8	119.8	121.8	121.8	121.8	121.8	123.8	123.8
110°	107.9	109.9	111.9	113.8	113.8	115.8	115.8	115.8	115.8	115.8	115.8



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	99.9	101.9	103.9	107.9	109.9	109.9	109.9	109.9	111.9	111.9	109.9
115°	91.9	95.9	97.9	101.9	103.9	103.9	105.9	105.9	105.9	105.9	103.9
117.5°	83.9	89.9	91.9	95.9	97.9	97.9	99.9	99.9	99.9	99.9	97.9
120°	77.9	81.9	85.9	87.9	89.9	91.9	91.9	93.9	93.9	93.9	91.9
122.5°	71.9	75.9	79.9	81.9	83.9	85.9	85.9	85.9	85.9	85.9	85.9
125°	63.9	67.9	71.9	73.9	75.9	77.9	77.9	79.9	79.9	79.9	77.9
127.5°	57.9	61.9	63.9	67.9	69.9	69.9	71.9	71.9	71.9	71.9	69.9
130°	49.9	53.9	57.9	59.9	61.9	61.9	63.9	63.9	63.9	63.9	63.9
132.5°	43.9	47.9	49.9	53.9	53.9	55.9	55.9	57.9	57.9	57.9	55.9
135°	39.9	41.9	43.9	47.9	47.9	49.9	49.9	49.9	49.9	49.9	49.9
137.5°	36.0	37.9	39.9	41.9	41.9	43.9	43.9	43.9	43.9	45.9	43.9
140°	30.0	34.0	36.0	36.0	37.9	37.9	37.9	39.9	39.9	39.9	37.9
142.5°	26.0	28.0	30.0	32.0	34.0	34.0	34.0	34.0	36.0	34.0	34.0
145°	20.0	24.0	26.0	28.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
147.5°	16.0	18.0	22.0	24.0	24.0	26.0	26.0	26.0	26.0	26.0	26.0
150°	14.0	14.0	18.0	20.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
152.5°	10.0	12.0	14.0	16.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
155°	10.0	10.0	12.0	12.0	14.0	14.0	14.0	14.0	16.0	14.0	14.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3850.8	3848.8	3856.8	3848.8	3808.9	3824.9	3818.9	3840.9	3842.9	3848.8	3868.8
5°	3830.9	3830.9	3840.9	3832.9	3794.9	3810.9	3808.9	3830.9	3834.9	3838.9	3860.8
7.5°	3790.9	3792.9	3806.9	3800.9	3761.0	3784.9	3782.9	3808.9	3816.9	3824.9	3844.8
10°	3753.0	3751.0	3767.0	3761.0	3723.0	3751.0	3749.0	3774.9	3786.9	3800.9	3824.9
12.5°	3733.0	3727.0	3733.0	3727.0	3685.1	3707.0	3709.0	3739.0	3753.0	3770.9	3798.9
15°	3733.0	3723.0	3723.0	3711.0	3663.1	3677.1	3679.1	3699.0	3717.0	3735.0	3769.0
17.5°	3729.0	3719.0	3717.0	3707.0	3655.1	3655.1	3653.1	3667.1	3677.1	3695.0	3731.0
20°	3707.0	3703.0	3701.0	3695.0	3647.1	3639.1	3635.1	3635.1	3641.1	3647.1	3683.1
22.5°	3649.1	3653.1	3657.1	3661.1	3623.1	3609.2	3611.2	3607.2	3601.2	3601.2	3631.1
25°	3541.3	3561.2	3577.2	3595.2	3573.2	3563.2	3575.2	3569.2	3559.2	3551.2	3577.2
27.5°	3369.5	3411.4	3445.4	3489.3	3491.3	3483.3	3515.3	3511.3	3509.3	3497.3	3517.3
30°	3131.8	3197.7	3243.7	3307.6	3361.5	3369.5	3423.4	3431.4	3439.4	3433.4	3453.4
32.5°	2844.2	2934.1	3012.0	3111.8	3163.8	3209.7	3285.6	3317.6	3349.5	3359.5	3381.5
35°	2530.6	2632.5	2724.4	2834.2	2916.1	3016.0	3107.8	3155.8	3227.7	3255.6	3287.6
37.5°	2233.0	2328.9	2418.8	2528.6	2660.4	2764.3	2878.1	2986.0	3083.9	3123.8	3171.8
40°	1969.4	2047.3	2133.1	2229.0	2348.9	2484.7	2608.5	2758.3	2874.1	2954.0	3023.9
42.5°	1769.6	1807.6	1881.5	1967.4	2063.2	2201.1	2326.9	2494.7	2634.5	2748.3	2864.2
45°	1591.9	1609.8	1663.8	1709.7	1807.6	1929.4	2063.2	2227.0	2372.8	2518.6	2658.4
47.5°	1440.1	1462.0	1488.0	1516.0	1585.9	1687.7	1803.6	1951.4	2097.2	2267.0	2426.7
50°	1338.2	1344.2	1348.2	1360.2	1402.1	1472.0	1565.9	1691.7	1831.5	2013.3	2183.1
52.5°	1248.3	1248.3	1236.3	1230.4	1246.3	1290.3	1344.2	1434.1	1577.9	1745.7	1925.4
55°	1152.5	1134.5	1130.5	1110.5	1114.5	1134.5	1160.4	1230.4	1348.2	1492.0	1665.8
57.5°	1018.6	1010.6	1010.6	1002.7	986.7	996.7	1002.7	1052.6	1136.5	1260.3	1412.1
60°	864.8	860.8	870.8	872.8	858.8	864.8	862.8	892.8	952.7	1052.6	1178.4
62.5°	711.0	729.0	731.0	739.0	731.0	729.0	739.0	765.0	794.9	870.8	968.7
65°	597.2	607.2	609.2	619.2	615.2	615.2	623.2	643.1	661.1	713.0	788.9
67.5°	523.3	519.3	521.3	527.3	521.3	519.3	525.3	537.3	551.3	583.2	637.1
70°	465.4	461.4	461.4	461.4	453.4	447.4	449.4	453.4	459.4	477.4	511.3
72.5°	421.4	421.4	415.4	409.5	403.5	399.5	395.5	391.5	389.5	395.5	413.4
75°	381.5	383.5	381.5	375.5	367.5	359.5	351.5	343.5	333.6	329.6	331.6
77.5°	345.5	347.5	349.5	347.5	339.5	329.6	317.6	305.6	291.6	277.6	269.6
80°	313.6	317.6	319.6	317.6	311.6	303.6	289.6	275.6	255.7	237.7	217.7
82.5°	285.6	291.6	293.6	293.6	289.6	281.6	265.6	249.7	227.7	203.7	177.8
85°	263.6	267.6	271.6	271.6	269.6	261.6	245.7	227.7	205.7	177.8	149.8
87.5°	241.7	243.7	247.7	251.7	247.7	239.7	225.7	205.7	183.8	155.8	123.8
90°	219.7	221.7	225.7	229.7	227.7	219.7	207.7	189.7	165.8	135.8	103.9
92.5°	197.7	201.7	203.7	205.7	207.7	201.7	191.7	173.8	149.8	119.8	89.9
95°	181.8	181.8	185.8	187.7	189.7	183.8	175.8	157.8	135.8	107.9	77.9
97.5°	165.8	165.8	169.8	169.8	171.8	167.8	159.8	143.8	121.8	95.9	65.9
100°	149.8	151.8	153.8	155.8	155.8	153.8	145.8	129.8	109.9	85.9	57.9
102.5°	139.8	139.8	141.8	141.8	143.8	139.8	131.8	117.8	97.9	75.9	49.9
105°	129.8	129.8	131.8	131.8	129.8	125.8	117.8	105.9	87.9	65.9	43.9
107.5°	121.8	121.8	121.8	121.8	119.8	115.8	107.9	93.9	77.9	59.9	39.9
110°	115.8	113.8	113.8	111.9	109.9	103.9	95.9	83.9	69.9	51.9	34.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	109.9	107.9	105.9	103.9	99.9	93.9	85.9	75.9	61.9	45.9	30.0
115°	103.9	101.9	99.9	95.9	91.9	85.9	77.9	67.9	53.9	39.9	26.0
117.5°	97.9	95.9	91.9	87.9	83.9	77.9	69.9	59.9	47.9	36.0	24.0
120°	89.9	87.9	85.9	81.9	77.9	69.9	61.9	53.9	41.9	32.0	20.0
122.5°	83.9	81.9	77.9	75.9	69.9	63.9	55.9	47.9	37.9	28.0	18.0
125°	75.9	73.9	71.9	67.9	63.9	55.9	49.9	41.9	34.0	24.0	14.0
127.5°	69.9	67.9	63.9	59.9	55.9	49.9	43.9	37.9	30.0	20.0	14.0
130°	61.9	59.9	57.9	53.9	49.9	43.9	39.9	32.0	26.0	18.0	12.0
132.5°	53.9	53.9	51.9	47.9	43.9	39.9	34.0	28.0	22.0	16.0	10.0
135°	49.9	47.9	45.9	41.9	39.9	34.0	30.0	24.0	18.0	14.0	8.0
137.5°	43.9	41.9	39.9	37.9	34.0	30.0	26.0	20.0	16.0	12.0	8.0
140°	37.9	36.0	36.0	32.0	30.0	26.0	22.0	18.0	14.0	10.0	6.0
142.5°	34.0	32.0	30.0	28.0	26.0	22.0	18.0	14.0	12.0	8.0	6.0
145°	30.0	28.0	26.0	24.0	22.0	18.0	16.0	12.0	10.0	8.0	6.0
147.5°	24.0	24.0	22.0	20.0	18.0	16.0	14.0	12.0	8.0	6.0	4.0
150°	20.0	20.0	18.0	16.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0
152.5°	18.0	16.0	16.0	14.0	14.0	12.0	10.0	8.0	6.0	6.0	4.0
155°	14.0	14.0	14.0	12.0	12.0	10.0	8.0	8.0	6.0	4.0	4.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3872.8	3848.8	3868.8	3904.8	3900.8	3896.8	3892.8	3900.8	3926.7	3912.8	3890.8
5°	3866.8	3842.9	3864.8	3898.8	3896.8	3890.8	3886.8	3894.8	3920.7	3906.8	3882.8
7.5°	3854.8	3832.9	3848.8	3882.8	3882.8	3878.8	3874.8	3882.8	3906.8	3894.8	3870.8
10°	3834.9	3818.9	3834.9	3866.8	3868.8	3860.8	3856.8	3866.8	3890.8	3884.8	3864.8
12.5°	3818.9	3802.9	3820.9	3852.8	3854.8	3846.8	3840.9	3852.8	3884.8	3888.8	3882.8
15°	3796.9	3782.9	3804.9	3838.9	3838.9	3832.9	3832.9	3848.8	3892.8	3910.8	3920.7
17.5°	3765.0	3755.0	3780.9	3814.9	3816.9	3812.9	3814.9	3846.8	3904.8	3948.7	3976.7
20°	3725.0	3721.0	3749.0	3784.9	3790.9	3792.9	3802.9	3850.8	3930.7	3990.7	4018.6
22.5°	3677.1	3679.1	3711.0	3749.0	3757.0	3763.0	3782.9	3850.8	3950.7	4014.6	4026.6
25°	3623.1	3629.1	3663.1	3709.0	3719.0	3731.0	3765.0	3852.8	3956.7	3998.6	3978.7
27.5°	3565.2	3577.2	3621.1	3669.1	3681.1	3701.0	3745.0	3840.9	3928.7	3930.7	3856.8
30°	3505.3	3519.3	3571.2	3627.1	3647.1	3667.1	3721.0	3812.9	3860.8	3796.9	3667.1
32.5°	3437.4	3457.4	3509.3	3577.2	3601.2	3627.1	3681.1	3759.0	3741.0	3603.2	3417.4
35°	3351.5	3379.5	3439.4	3519.3	3541.3	3575.2	3613.2	3631.1	3551.2	3355.5	3145.8
37.5°	3245.7	3287.6	3357.5	3449.4	3473.3	3495.3	3505.3	3455.4	3295.6	3083.9	2866.2
40°	3123.8	3187.7	3263.6	3365.5	3389.5	3389.5	3353.5	3247.6	3045.9	2768.3	2526.6
42.5°	2976.0	3053.9	3149.8	3251.6	3275.6	3247.6	3161.8	2976.0	2746.3	2436.7	2181.1
45°	2796.3	2900.1	3008.0	3113.8	3125.8	3063.9	2910.1	2674.4	2390.8	2103.2	1859.5
47.5°	2582.5	2718.4	2836.2	2956.0	2940.1	2836.2	2630.5	2362.8	2063.2	1791.6	1595.9
50°	2342.9	2502.6	2634.5	2748.3	2714.4	2570.6	2328.9	2049.3	1751.7	1520.0	1358.2
52.5°	2087.2	2271.0	2402.8	2494.7	2448.7	2276.9	2011.3	1743.7	1500.0	1288.3	1180.4
55°	1821.6	2007.3	2143.1	2215.0	2155.1	1969.4	1707.7	1464.0	1234.3	1096.5	1032.6
57.5°	1563.9	1737.7	1865.5	1923.4	1847.5	1661.8	1420.1	1214.4	1048.6	932.8	900.8
60°	1316.2	1458.0	1579.9	1623.8	1541.9	1370.2	1162.4	998.7	876.8	796.9	781.0
62.5°	1086.5	1202.4	1298.3	1332.2	1252.3	1118.5	938.7	816.9	731.0	691.1	671.1
65°	896.8	964.7	1062.6	1056.6	1008.6	884.8	753.0	667.1	611.2	585.2	573.2
67.5°	705.1	767.0	828.9	836.9	777.0	691.1	605.2	543.3	513.3	499.3	493.3
70°	545.3	591.2	629.2	619.2	587.2	533.3	479.4	445.4	433.4	427.4	427.4
72.5°	423.4	447.4	465.4	453.4	433.4	405.5	379.5	365.5	367.5	371.5	375.5
75°	327.6	333.6	337.5	325.6	321.6	303.6	301.6	303.6	315.6	327.6	333.6
77.5°	251.7	243.7	237.7	225.7	227.7	225.7	235.7	251.7	269.6	287.6	303.6
80°	193.7	175.8	161.8	149.8	155.8	165.8	185.8	209.7	233.7	253.7	273.6
82.5°	149.8	123.8	103.9	91.9	103.9	119.8	145.8	175.8	203.7	225.7	247.7
85°	115.8	85.9	61.9	49.9	61.9	85.9	113.8	147.8	177.8	201.7	223.7
87.5°	89.9	61.9	34.0	20.0	34.0	59.9	91.9	123.8	153.8	181.8	203.7
90°	71.9	41.9	16.0	4.0	18.0	41.9	71.9	103.9	133.8	163.8	185.8
92.5°	57.9	30.0	8.0	0.0	10.0	32.0	59.9	89.9	119.8	147.8	169.8
95°	47.9	24.0	6.0	0.0	8.0	24.0	47.9	77.9	105.9	133.8	151.8
97.5°	39.9	18.0	4.0	0.0	4.0	20.0	39.9	65.9	93.9	119.8	137.8
100°	34.0	16.0	4.0	0.0	4.0	16.0	34.0	57.9	81.9	105.9	123.8
102.5°	28.0	12.0	2.0	2.0	2.0	12.0	30.0	49.9	71.9	93.9	111.9
105°	26.0	10.0	2.0	2.0	2.0	10.0	26.0	43.9	63.9	83.9	99.9
107.5°	22.0	8.0	2.0	2.0	2.0	8.0	22.0	37.9	57.9	75.9	89.9
110°	18.0	8.0	2.0	2.0	2.0	8.0	18.0	34.0	49.9	65.9	79.9



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	16.0	6.0	2.0	2.0	2.0	6.0	16.0	30.0	43.9	59.9	71.9
115°	14.0	6.0	2.0	2.0	2.0	6.0	14.0	26.0	37.9	51.9	63.9
117.5°	12.0	6.0	2.0	2.0	2.0	4.0	12.0	22.0	34.0	45.9	57.9
120°	10.0	4.0	2.0	2.0	2.0	4.0	10.0	20.0	30.0	39.9	49.9
122.5°	10.0	4.0	2.0	2.0	2.0	4.0	8.0	16.0	26.0	34.0	43.9
125°	8.0	4.0	2.0	2.0	2.0	2.0	8.0	14.0	22.0	30.0	37.9
127.5°	8.0	4.0	2.0	2.0	2.0	2.0	6.0	12.0	18.0	26.0	34.0
130°	6.0	4.0	2.0	2.0	2.0	2.0	4.0	10.0	16.0	22.0	28.0
132.5°	6.0	4.0	2.0	2.0	2.0	2.0	4.0	8.0	12.0	18.0	24.0
135°	6.0	2.0	2.0	2.0	2.0	2.0	2.0	6.0	10.0	14.0	18.0
137.5°	4.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	8.0	10.0	16.0
140°	4.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.0	8.0	12.0
142.5°	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.0	10.0
145°	4.0	2.0	2.0	4.0	4.0	2.0	2.0	4.0	4.0	6.0	8.0
147.5°	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	6.0
150°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0
152.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
155°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3886.8	3840.9	3864.8	3856.8	3864.8	3884.8	3882.8	3876.8	3880.8	3870.8	3860.8
5°	3878.8	3832.9	3856.8	3846.8	3856.8	3876.8	3872.8	3866.8	3872.8	3860.8	3850.8
7.5°	3868.8	3826.9	3854.8	3852.8	3870.8	3896.8	3898.8	3898.8	3912.8	3894.8	3886.8
10°	3868.8	3846.8	3884.8	3898.8	3944.7	3978.7	3982.7	3990.7	4014.6	4010.6	3990.7
12.5°	3910.8	3906.8	3962.7	3996.6	4038.6	4086.5	4112.5	4120.5	4136.5	4124.5	4116.5
15°	3964.7	3984.7	4046.6	4084.5	4130.5	4166.4	4172.4	4176.4	4188.4	4170.4	4156.4
17.5°	4036.6	4048.6	4098.5	4114.5	4144.4	4150.4	4142.5	4122.5	4122.5	4082.5	4070.5
20°	4070.5	4064.6	4084.5	4058.6	4046.6	4010.6	3976.7	3938.7	3936.7	3894.8	3890.8
22.5°	4040.6	4000.6	3958.7	3894.8	3866.8	3814.9	3769.0	3747.0	3733.0	3679.1	3665.1
25°	3934.7	3836.9	3774.9	3699.0	3631.1	3571.2	3527.3	3481.3	3437.4	3393.5	3373.5
27.5°	3751.0	3659.1	3559.2	3453.4	3359.5	3267.6	3193.7	3147.8	3105.8	3047.9	3018.0
30°	3525.3	3397.4	3287.6	3185.7	3031.9	2920.1	2858.2	2766.3	2734.3	2708.4	2652.4
32.5°	3259.6	3105.8	2956.0	2818.2	2660.4	2556.6	2474.7	2406.8	2386.8	2318.9	2302.9
35°	2966.0	2764.3	2594.5	2458.7	2344.9	2219.0	2151.1	2105.2	2065.2	2019.3	2011.3
37.5°	2620.5	2438.7	2247.0	2127.2	2037.3	1929.4	1877.5	1845.5	1827.6	1793.6	1787.6
40°	2273.0	2091.2	1959.4	1839.5	1783.6	1725.7	1687.7	1673.8	1665.8	1653.8	1641.8
42.5°	1957.4	1797.6	1703.7	1623.8	1599.9	1571.9	1561.9	1569.9	1561.9	1557.9	1555.9
45°	1689.7	1567.9	1502.0	1478.0	1472.0	1464.0	1472.0	1486.0	1488.0	1484.0	1484.0
47.5°	1446.1	1388.1	1360.2	1364.2	1374.2	1380.2	1394.1	1412.1	1416.1	1406.1	1410.1
50°	1286.3	1252.3	1246.3	1262.3	1284.3	1292.3	1308.2	1322.2	1320.2	1316.2	1312.2
52.5°	1136.5	1126.5	1142.5	1158.4	1182.4	1186.4	1192.4	1198.4	1196.4	1188.4	1184.4
55°	1010.6	1018.6	1032.6	1038.6	1056.6	1054.6	1056.6	1056.6	1048.6	1044.6	1038.6
57.5°	896.8	898.8	906.8	908.8	918.8	914.8	912.8	908.8	896.8	894.8	888.8
60°	781.0	777.0	794.9	781.0	788.9	781.0	779.0	769.0	757.0	755.0	751.0
62.5°	671.1	663.1	675.1	669.1	673.1	665.1	661.1	649.1	639.1	637.1	635.1
65°	573.2	569.2	581.2	579.2	583.2	573.2	569.2	561.2	553.3	551.3	549.3
67.5°	491.3	501.3	507.3	507.3	511.3	509.3	499.3	497.3	495.3	487.3	487.3
70°	431.4	437.4	449.4	451.4	449.4	453.4	445.4	443.4	441.4	437.4	435.4
72.5°	383.5	391.5	403.5	405.5	403.5	403.5	399.5	397.5	397.5	391.5	391.5
75°	345.5	355.5	365.5	365.5	365.5	361.5	357.5	357.5	353.5	351.5	347.5
77.5°	313.6	325.6	333.6	331.6	329.6	325.6	325.6	319.6	313.6	313.6	309.6
80°	289.6	297.6	303.6	301.6	299.6	293.6	291.6	285.6	281.6	275.6	275.6
82.5°	263.6	273.6	277.6	275.6	271.6	265.6	263.6	259.7	255.7	253.7	249.7
85°	241.7	251.7	253.7	249.7	245.7	241.7	239.7	237.7	235.7	231.7	231.7
87.5°	219.7	229.7	229.7	227.7	223.7	221.7	219.7	217.7	215.7	213.7	211.7
90°	201.7	209.7	209.7	207.7	205.7	203.7	201.7	199.7	197.7	195.7	195.7
92.5°	183.8	191.7	191.7	189.7	187.7	185.8	185.8	183.8	181.8	179.8	177.8
95°	167.8	175.8	175.8	175.8	173.8	171.8	171.8	169.8	167.8	167.8	165.8
97.5°	151.8	159.8	159.8	159.8	157.8	155.8	155.8	153.8	153.8	153.8	151.8
100°	137.8	143.8	145.8	145.8	143.8	143.8	143.8	141.8	141.8	141.8	139.8
102.5°	123.8	129.8	133.8	133.8	133.8	131.8	131.8	131.8	131.8	131.8	129.8
105°	111.9	117.8	121.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8
107.5°	101.9	107.9	111.9	113.8	115.8	115.8	117.8	117.8	117.8	117.8	117.8
110°	91.9	97.9	103.9	105.9	107.9	109.9	109.9	111.9	109.9	109.9	109.9



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	81.9	89.9	93.9	97.9	99.9	101.9	103.9	103.9	103.9	103.9	103.9
115°	73.9	81.9	85.9	89.9	93.9	95.9	95.9	97.9	97.9	97.9	95.9
117.5°	65.9	73.9	77.9	81.9	83.9	87.9	89.9	89.9	89.9	89.9	87.9
120°	59.9	65.9	69.9	73.9	77.9	79.9	81.9	81.9	81.9	81.9	81.9
122.5°	51.9	57.9	63.9	67.9	69.9	71.9	73.9	73.9	73.9	73.9	73.9
125°	45.9	51.9	55.9	59.9	61.9	65.9	65.9	65.9	65.9	65.9	65.9
127.5°	39.9	45.9	49.9	53.9	55.9	57.9	59.9	59.9	59.9	59.9	59.9
130°	34.0	39.9	43.9	47.9	49.9	51.9	51.9	53.9	53.9	53.9	53.9
132.5°	30.0	34.0	37.9	41.9	43.9	45.9	45.9	47.9	47.9	47.9	47.9
135°	24.0	30.0	32.0	36.0	37.9	39.9	39.9	41.9	41.9	41.9	41.9
137.5°	20.0	24.0	28.0	32.0	34.0	34.0	36.0	36.0	37.9	37.9	37.9
140°	16.0	18.0	24.0	26.0	28.0	30.0	32.0	32.0	32.0	32.0	32.0
142.5°	12.0	16.0	18.0	22.0	24.0	26.0	28.0	28.0	28.0	28.0	28.0
145°	10.0	12.0	14.0	18.0	20.0	22.0	24.0	24.0	24.0	24.0	24.0
147.5°	8.0	10.0	12.0	14.0	16.0	18.0	20.0	20.0	20.0	20.0	20.0
150°	6.0	8.0	10.0	10.0	12.0	14.0	16.0	18.0	18.0	18.0	18.0
152.5°	6.0	6.0	8.0	8.0	10.0	12.0	14.0	14.0	14.0	14.0	14.0
155°	4.0	6.0	6.0	6.0	8.0	8.0	10.0	12.0	12.0	12.0	12.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3866.8	3874.8	3870.8	3864.8	3862.8	3872.8	3862.8	3816.9	3834.9	3836.9	3850.8
5°	3860.8	3866.8	3862.8	3858.8	3852.8	3864.8	3852.8	3804.9	3822.9	3824.9	3838.9
7.5°	3900.8	3902.8	3902.8	3892.8	3876.8	3882.8	3866.8	3812.9	3822.9	3822.9	3832.9
10°	4000.6	4004.6	4010.6	3984.7	3964.7	3948.7	3926.7	3860.8	3858.8	3842.9	3842.9
12.5°	4130.5	4120.5	4110.5	4098.5	4082.5	4062.6	4030.6	3952.7	3926.7	3900.8	3874.8
15°	4168.4	4164.4	4162.4	4156.4	4146.4	4140.5	4116.5	4038.6	4000.6	3968.7	3922.7
17.5°	4068.5	4076.5	4102.5	4104.5	4116.5	4140.5	4136.5	4082.5	4048.6	4034.6	3978.7
20°	3888.8	3890.8	3922.7	3936.7	3988.7	4028.6	4058.6	4052.6	4044.6	4060.6	4018.6
22.5°	3673.1	3687.1	3721.0	3743.0	3792.9	3838.9	3886.8	3912.8	3954.7	4020.6	4012.6
25°	3379.5	3397.4	3445.4	3481.3	3551.2	3621.1	3685.1	3731.0	3780.9	3906.8	3948.7
27.5°	3027.9	3055.9	3117.8	3153.8	3251.6	3323.5	3415.4	3505.3	3575.2	3719.0	3804.9
30°	2658.4	2682.4	2748.3	2798.3	2882.1	2980.0	3095.9	3223.7	3339.5	3485.3	3593.2
32.5°	2312.9	2338.9	2392.8	2436.7	2530.6	2612.5	2740.3	2898.1	3006.0	3207.7	3351.5
35°	2011.3	2035.3	2073.2	2111.2	2189.1	2273.0	2382.8	2536.6	2674.4	2884.1	3065.9
37.5°	1799.6	1803.6	1825.6	1847.5	1905.4	1969.4	2055.2	2191.1	2318.9	2544.6	2744.3
40°	1647.8	1647.8	1659.8	1665.8	1691.7	1729.7	1783.6	1889.5	1995.3	2167.1	2410.8
42.5°	1553.9	1549.9	1549.9	1551.9	1549.9	1567.9	1599.9	1649.8	1743.7	1885.5	2075.2
45°	1484.0	1476.0	1470.0	1456.0	1448.1	1448.1	1450.1	1468.0	1522.0	1613.8	1767.6
47.5°	1406.1	1404.1	1394.1	1378.2	1364.2	1354.2	1338.2	1332.2	1348.2	1400.1	1504.0
50°	1316.2	1306.2	1296.3	1284.3	1268.3	1258.3	1228.4	1230.4	1216.4	1240.3	1294.3
52.5°	1184.4	1176.4	1172.4	1162.4	1156.5	1152.5	1128.5	1104.5	1098.5	1102.5	1122.5
55°	1038.6	1042.6	1026.6	1034.6	1032.6	1014.6	1004.7	986.7	980.7	978.7	988.7
57.5°	886.8	890.8	880.8	888.8	888.8	878.8	872.8	872.8	858.8	846.9	860.8
60°	749.0	741.0	747.0	757.0	757.0	751.0	747.0	747.0	737.0	733.0	743.0
62.5°	637.1	629.2	635.1	645.1	647.1	643.1	639.1	639.1	627.2	627.2	635.1
65°	551.3	553.3	551.3	559.3	559.3	561.2	557.3	553.3	539.3	545.3	543.3
67.5°	489.3	487.3	487.3	495.3	493.3	497.3	493.3	487.3	477.4	469.4	467.4
70°	437.4	435.4	435.4	439.4	441.4	441.4	439.4	435.4	421.4	413.4	407.5
72.5°	391.5	389.5	391.5	393.5	395.5	397.5	395.5	391.5	379.5	369.5	359.5
75°	349.5	347.5	353.5	353.5	355.5	355.5	357.5	355.5	345.5	333.6	321.6
77.5°	307.6	309.6	315.6	317.6	321.6	323.6	325.6	325.6	315.6	305.6	289.6
80°	273.6	277.6	281.6	283.6	287.6	293.6	295.6	297.6	289.6	279.6	261.6
82.5°	249.7	251.7	255.7	257.7	263.6	265.6	267.6	271.6	267.6	257.7	237.7
85°	229.7	231.7	235.7	235.7	239.7	243.7	245.7	247.7	245.7	235.7	215.7
87.5°	211.7	213.7	215.7	217.7	219.7	221.7	223.7	225.7	223.7	213.7	195.7
90°	195.7	195.7	197.7	197.7	199.7	201.7	205.7	205.7	203.7	195.7	177.8
92.5°	177.8	179.8	179.8	181.8	183.8	185.8	187.7	187.7	185.8	177.8	161.8
95°	165.8	165.8	167.8	167.8	169.8	169.8	171.8	171.8	169.8	161.8	145.8
97.5°	151.8	151.8	151.8	151.8	153.8	153.8	155.8	155.8	153.8	145.8	131.8
100°	139.8	139.8	139.8	139.8	139.8	141.8	141.8	141.8	139.8	131.8	117.8
102.5°	129.8	129.8	129.8	129.8	129.8	129.8	129.8	129.8	125.8	119.8	105.9
105°	123.8	123.8	123.8	121.8	121.8	121.8	119.8	119.8	113.8	107.9	95.9
107.5°	115.8	115.8	115.8	113.8	113.8	111.9	109.9	109.9	103.9	97.9	85.9
110°	109.9	109.9	109.9	107.9	105.9	103.9	101.9	99.9	93.9	85.9	75.9



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	103.9	103.9	101.9	101.9	99.9	97.9	93.9	91.9	85.9	77.9	67.9
115°	95.9	95.9	95.9	93.9	91.9	89.9	87.9	83.9	77.9	69.9	59.9
117.5°	87.9	87.9	87.9	85.9	83.9	81.9	79.9	75.9	69.9	61.9	53.9
120°	79.9	79.9	79.9	77.9	75.9	73.9	71.9	67.9	61.9	55.9	45.9
122.5°	73.9	73.9	71.9	69.9	67.9	65.9	63.9	59.9	55.9	47.9	39.9
125°	65.9	65.9	63.9	63.9	61.9	59.9	57.9	53.9	47.9	41.9	36.0
127.5°	59.9	57.9	57.9	57.9	55.9	53.9	49.9	47.9	41.9	36.0	30.0
130°	51.9	51.9	51.9	49.9	49.9	47.9	43.9	39.9	36.0	32.0	26.0
132.5°	45.9	45.9	45.9	45.9	43.9	41.9	37.9	36.0	32.0	26.0	22.0
135°	41.9	41.9	39.9	39.9	37.9	36.0	34.0	30.0	26.0	22.0	18.0
137.5°	36.0	36.0	36.0	34.0	34.0	32.0	28.0	26.0	24.0	20.0	16.0
140°	32.0	32.0	30.0	30.0	28.0	28.0	26.0	22.0	20.0	16.0	14.0
142.5°	28.0	28.0	26.0	26.0	24.0	24.0	22.0	20.0	16.0	14.0	10.0
145°	24.0	24.0	22.0	22.0	22.0	20.0	18.0	16.0	14.0	12.0	10.0
147.5°	20.0	20.0	20.0	18.0	18.0	16.0	16.0	14.0	12.0	10.0	8.0
150°	18.0	18.0	16.0	16.0	16.0	14.0	12.0	12.0	10.0	8.0	6.0
152.5°	14.0	14.0	14.0	14.0	12.0	12.0	10.0	10.0	8.0	6.0	6.0
155°	12.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	6.0	6.0	4.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8	3866.8
2.5°	3844.8	3842.9	3860.8	3858.8	3834.9	3870.8	3894.8
5°	3834.9	3832.9	3848.8	3852.8	3826.9	3864.8	3890.8
7.5°	3826.9	3824.9	3842.9	3848.8	3822.9	3856.8	3884.8
10°	3828.9	3818.9	3834.9	3838.9	3814.9	3850.8	3874.8
12.5°	3842.9	3818.9	3824.9	3824.9	3802.9	3834.9	3860.8
15°	3876.8	3826.9	3818.9	3812.9	3784.9	3814.9	3840.9
17.5°	3914.8	3846.8	3818.9	3798.9	3765.0	3790.9	3818.9
20°	3952.7	3868.8	3822.9	3790.9	3745.0	3769.0	3788.9
22.5°	3970.7	3888.8	3826.9	3778.9	3721.0	3733.0	3755.0
25°	3946.7	3880.8	3818.9	3761.0	3691.1	3693.1	3711.0
27.5°	3858.8	3840.9	3800.9	3743.0	3667.1	3657.1	3671.1
30°	3709.0	3759.0	3761.0	3719.0	3639.1	3619.2	3625.1
32.5°	3499.3	3611.2	3677.1	3669.1	3599.2	3571.2	3575.2
35°	3257.6	3397.4	3541.3	3589.2	3539.3	3517.3	3509.3
37.5°	2968.0	3155.8	3347.5	3465.4	3457.4	3443.4	3435.4
40°	2648.5	2874.1	3101.8	3289.6	3347.5	3347.5	3351.5
42.5°	2306.9	2570.6	2820.2	3057.9	3193.7	3223.7	3235.7
45°	1977.4	2243.0	2514.6	2788.3	2970.0	3063.9	3097.8
47.5°	1677.8	1945.4	2203.0	2502.6	2744.3	2866.2	2920.1
50°	1422.1	1621.8	1893.5	2191.1	2454.7	2604.5	2710.4
52.5°	1210.4	1366.2	1603.9	1881.5	2147.1	2352.8	2450.7
55°	1032.6	1138.5	1340.2	1579.9	1833.5	2047.3	2161.1
57.5°	882.8	966.7	1104.5	1304.3	1518.0	1729.7	1851.5
60°	751.0	808.9	902.8	1060.6	1242.3	1424.1	1541.9
62.5°	637.1	675.1	737.0	852.9	994.7	1136.5	1246.3
65°	549.3	565.2	599.2	671.1	779.0	886.8	980.7
67.5°	463.4	473.4	499.3	543.3	597.2	675.1	737.0
70°	399.5	399.5	401.5	427.4	455.4	505.3	549.3
72.5°	347.5	341.5	329.6	335.6	341.5	369.5	397.5
75°	305.6	291.6	271.6	263.6	259.7	263.6	279.6
77.5°	269.6	249.7	225.7	205.7	189.7	183.8	197.7
80°	239.7	215.7	187.7	161.8	135.8	121.8	127.8
82.5°	215.7	185.8	155.8	125.8	95.9	75.9	75.9
85°	189.7	161.8	129.8	97.9	67.9	41.9	37.9
87.5°	171.8	141.8	107.9	77.9	47.9	22.0	12.0
90°	153.8	123.8	91.9	61.9	34.0	10.0	0.0
92.5°	137.8	109.9	79.9	49.9	24.0	6.0	0.0
95°	123.8	97.9	67.9	41.9	20.0	4.0	2.0
97.5°	109.9	85.9	59.9	34.0	14.0	4.0	2.0
100°	99.9	75.9	51.9	28.0	12.0	2.0	2.0
102.5°	87.9	67.9	43.9	24.0	10.0	2.0	2.0
105°	77.9	59.9	37.9	20.0	8.0	2.0	2.0
107.5°	69.9	51.9	34.0	18.0	8.0	2.0	2.0
110°	61.9	45.9	30.0	16.0	6.0	2.0	2.0



TEST NUMBER: P290246

CATALOG NUMBER: 8SSRK-LC-10-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	55.9	39.9	26.0	14.0	4.0	2.0	2.0
115°	47.9	36.0	22.0	12.0	4.0	2.0	2.0
117.5°	41.9	30.0	20.0	10.0	4.0	2.0	2.0
120°	36.0	26.0	16.0	8.0	2.0	2.0	2.0
122.5°	32.0	22.0	14.0	8.0	2.0	2.0	2.0
125°	28.0	20.0	12.0	6.0	2.0	2.0	2.0
127.5°	24.0	16.0	10.0	4.0	2.0	2.0	2.0
130°	20.0	14.0	8.0	4.0	2.0	2.0	2.0
132.5°	16.0	12.0	8.0	4.0	2.0	2.0	2.0
135°	14.0	10.0	6.0	4.0	2.0	2.0	2.0
137.5°	12.0	8.0	4.0	4.0	4.0	2.0	2.0
140°	10.0	6.0	4.0	4.0	4.0	4.0	2.0
142.5°	8.0	6.0	4.0	4.0	4.0	4.0	2.0
145°	6.0	4.0	4.0	4.0	4.0	4.0	2.0
147.5°	6.0	4.0	4.0	4.0	4.0	4.0	2.0
150°	4.0	4.0	4.0	4.0	4.0	4.0	4.0
152.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0
155°	4.0	4.0	4.0	4.0	4.0	4.0	4.0
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)