

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: P290254

Luminaire Tested: **8SSRK-LC-12-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: P290254
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-12-L940-CD1-U
Description: 12000 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: 10236.4 lumens
Efficiency: N/A
Efficacy: 126.5 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

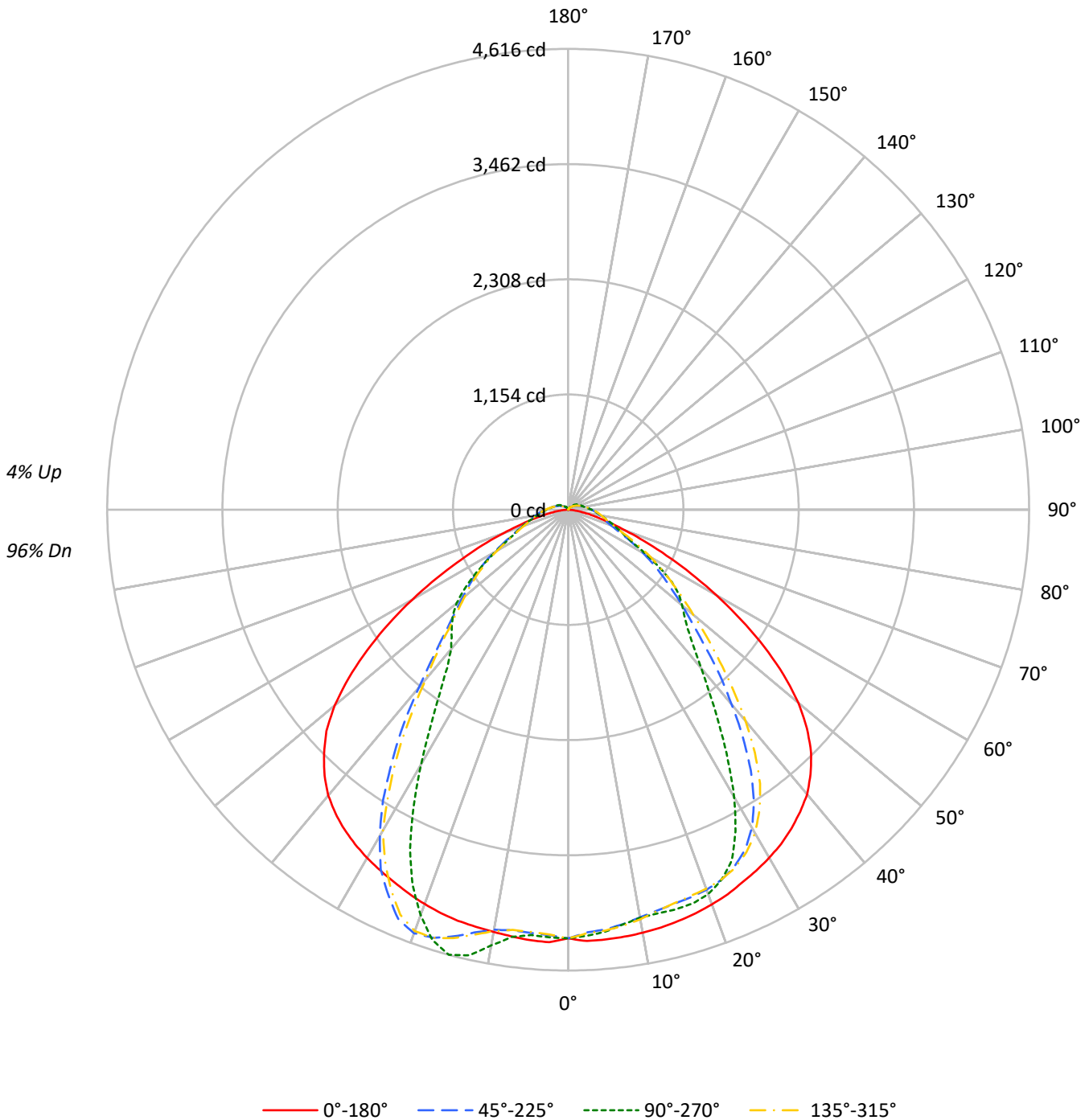
Input Watts (W): 80.8951
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	138656	138656	138656	138656
5°	139793	101880	140081	102679
10°	140571	79791	140280	85207
15°	141793	66889	141720	74476
20°	143495	57351	143344	60455
25°	145414	48210	145336	46584
30°	148315	37460	148400	33186
35°	151410	27374	151841	23165
40°	154187	20023	154830	17641
45°	153889	15457	154685	15051
50°	147534	12983	149603	12694
55°	131201	10641	134476	9673
60°	106728	7408	112400	6793
65°	79650	5131	85816	4865
70°	54466	3982	61404	3807
75°	35945	3197	41849	3023
80°	23599	2612	27657	2403
85°	12598	2234	16578	2040



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	407.9	4.0
10°-20°	1213.6	11.9
20°-30°	1844.9	18.0
30°-40°	1979.2	19.3
40°-50°	1717.7	16.8
50°-60°	1273.0	12.4
60°-70°	729.4	7.1
70°-80°	403.9	3.9
80°-90°	245.9	2.4
90°-100°	159.9	1.6
100°-110°	107.1	1.0
110°-120°	72.3	0.7
120°-130°	44.4	0.4
130°-140°	23.3	0.2
140°-150°	10.6	0.1
150°-160°	3.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3466.4	33.9
0°-40°	5445.6	53.2
0°-60°	8436.3	82.4
0°-90°	9815.5	95.9
90°-120°	339.4	3.3
90°-150°	417.7	4.1
90°-180°	421.0	4.1
0°-180°	10236.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4294	4294	4294	4294	4294	
5°	4320	4243	4329	4276	4320	412
15°	4265	4145	4263	4616	4265	1207
25°	4121	3877	4119	3746	4121	1905
35°	3897	2639	3908	2234	3897	2439
45°	3440	1692	3458	1648	3440	2634
55°	2400	1269	2460	1153	2400	2128
65°	1089	643	1173	610	1089	1098
75°	310	408	362	386	310	355
85°	42	282	55	257	42	55
90°	0	235	4	217	0	2
95°	2	193	0	184	2	1
105°	2	144	2	138	2	2
115°	2	118	2	106	2	2
125°	2	89	2	73	2	2
135°	2	55	2	47	2	2
145°	2	33	4	27	2	2
155°	4	16	4	13	4	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



TEST NUMBER: P290254

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4325.0	4313.9	4309.4	4300.6	4307.2	4333.8	4316.1	4287.3	4289.5	4238.5	4265.1
5°	4320.5	4307.2	4300.6	4291.7	4296.1	4320.5	4302.8	4274.0	4271.7	4220.7	4245.1
7.5°	4313.9	4300.6	4289.5	4282.8	4285.0	4305.0	4282.8	4249.6	4242.9	4187.5	4209.6
10°	4302.8	4293.9	4278.4	4267.3	4265.1	4287.3	4251.8	4218.5	4203.0	4145.3	4167.5
12.5°	4287.3	4274.0	4258.4	4238.5	4236.2	4249.6	4220.7	4174.1	4158.6	4112.0	4136.4
15°	4265.1	4249.6	4231.8	4209.6	4198.5	4207.4	4171.9	4129.8	4127.6	4087.6	4120.9
17.5°	4240.7	4218.5	4198.5	4167.5	4152.0	4158.6	4129.8	4092.1	4096.5	4072.1	4109.8
20°	4207.4	4183.0	4152.0	4120.9	4098.7	4109.8	4089.9	4061.0	4067.7	4049.9	4083.2
22.5°	4169.7	4136.4	4098.7	4063.2	4045.5	4061.0	4045.5	4021.1	4023.3	4012.2	4032.2
25°	4120.9	4083.2	4038.9	3994.5	3985.6	3996.7	3987.8	3967.9	3959.0	3941.3	3950.1
27.5°	4076.6	4034.4	3979.0	3932.4	3916.9	3939.0	3919.1	3885.8	3861.4	3837.0	3819.3
30°	4025.5	3974.5	3912.4	3859.2	3845.9	3854.8	3825.9	3774.9	3710.6	3679.5	3630.8
32.5°	3970.1	3903.6	3825.9	3766.0	3757.2	3750.5	3697.3	3624.1	3524.3	3462.2	3386.8
35°	3896.9	3823.7	3730.6	3657.4	3644.1	3606.4	3519.9	3422.3	3293.6	3187.2	3058.5
37.5°	3814.8	3728.3	3630.8	3533.2	3495.5	3420.0	3298.1	3196.0	3000.9	2872.2	2717.0
40°	3721.7	3617.4	3497.7	3380.1	3318.0	3196.0	3056.3	2905.5	2717.0	2544.0	2413.1
42.5°	3593.0	3482.2	3340.2	3209.3	3102.9	2941.0	2776.8	2563.9	2390.9	2244.5	2111.5
45°	3440.0	3306.9	3142.8	2985.3	2850.0	2657.1	2464.1	2251.2	2107.0	1936.3	1845.3
47.5°	3242.6	3098.4	2923.2	2748.0	2570.6	2357.7	2155.8	1951.8	1807.6	1685.6	1619.1
50°	3009.7	2876.7	2683.7	2475.2	2280.0	2058.2	1856.4	1703.4	1563.6	1488.2	1437.2
52.5°	2721.4	2597.2	2399.8	2173.6	1985.0	1767.7	1583.6	1459.4	1359.6	1304.1	1286.4
55°	2399.8	2291.1	2095.9	1885.2	1692.3	1492.7	1352.9	1244.3	1179.9	1146.7	1148.9
57.5°	2056.0	1971.7	1787.7	1599.1	1417.3	1266.4	1140.0	1053.5	1004.7	1002.5	1009.2
60°	1712.2	1650.1	1490.4	1328.5	1168.8	1046.9	953.7	893.8	862.8	865.0	862.8
62.5°	1384.0	1326.3	1211.0	1077.9	951.5	869.4	785.1	760.8	734.1	731.9	731.9
65°	1089.0	1044.6	951.5	856.1	760.8	707.5	665.4	636.5	616.6	612.1	614.4
67.5°	818.4	800.7	736.4	672.0	612.1	578.9	543.4	536.7	521.2	521.2	525.6
70°	609.9	596.6	561.1	523.4	499.0	476.9	459.1	459.1	456.9	454.7	465.8
72.5°	441.4	443.6	432.5	403.7	401.4	397.0	392.6	399.2	401.4	408.1	421.4
75°	310.5	317.2	317.2	312.7	321.6	332.7	339.3	350.4	363.7	372.6	388.1
77.5°	219.6	219.6	230.7	244.0	261.7	281.7	299.4	314.9	332.7	343.8	357.1
80°	141.9	148.6	166.3	190.7	215.1	241.8	266.2	286.1	303.9	321.6	330.5
82.5°	84.3	95.4	117.6	148.6	179.7	212.9	237.3	261.7	281.7	299.4	306.1
85°	42.1	57.7	84.3	117.6	150.8	186.3	217.4	239.5	261.7	277.2	286.1
87.5°	13.3	31.1	59.9	90.9	126.4	161.9	195.2	219.6	239.5	252.8	261.7
90°	0.0	15.5	42.1	75.4	108.7	144.2	175.2	201.8	221.8	232.9	239.5
92.5°	0.0	8.9	33.3	62.1	93.2	128.6	159.7	184.1	201.8	212.9	217.4
95°	2.2	6.7	24.4	51.0	82.1	115.3	144.2	166.3	184.1	195.2	197.4
97.5°	2.2	4.4	20.0	42.1	71.0	102.0	130.9	153.0	166.3	177.4	179.7
100°	2.2	4.4	15.5	37.7	62.1	90.9	117.6	137.5	153.0	161.9	164.1
102.5°	2.2	2.2	13.3	31.1	55.4	79.8	104.2	124.2	137.5	146.4	150.8
105°	2.2	2.2	11.1	26.6	48.8	71.0	93.2	113.1	124.2	133.1	137.5
107.5°	2.2	2.2	8.9	22.2	42.1	62.1	84.3	99.8	113.1	122.0	126.4
110°	2.2	2.2	6.7	20.0	35.5	55.4	73.2	88.7	102.0	110.9	115.3



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CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.2	2.2	6.7	17.7	31.1	48.8	64.3	79.8	90.9	99.8	106.5
115°	2.2	2.2	6.7	15.5	28.8	42.1	57.7	71.0	82.1	90.9	97.6
117.5°	2.2	2.2	6.7	13.3	24.4	37.7	51.0	64.3	73.2	82.1	88.7
120°	2.2	2.2	4.4	11.1	22.2	33.3	44.4	55.4	66.5	75.4	82.1
122.5°	2.2	2.2	4.4	11.1	17.7	28.8	39.9	48.8	59.9	66.5	73.2
125°	2.2	2.2	4.4	8.9	15.5	26.6	35.5	44.4	51.0	59.9	66.5
127.5°	2.2	2.2	4.4	8.9	13.3	22.2	31.1	39.9	46.6	53.2	57.7
130°	2.2	2.2	4.4	6.7	11.1	17.7	26.6	33.3	42.1	46.6	51.0
132.5°	2.2	2.2	2.2	6.7	8.9	13.3	20.0	28.8	35.5	42.1	44.4
135°	2.2	2.2	2.2	4.4	8.9	11.1	15.5	22.2	28.8	35.5	39.9
137.5°	2.2	2.2	2.2	4.4	6.7	11.1	13.3	17.7	24.4	28.8	35.5
140°	2.2	2.2	2.2	4.4	6.7	8.9	11.1	15.5	20.0	24.4	28.8
142.5°	2.2	2.2	2.2	4.4	4.4	6.7	8.9	13.3	15.5	20.0	24.4
145°	2.2	2.2	2.2	4.4	4.4	6.7	8.9	11.1	13.3	15.5	20.0
147.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.7	8.9	11.1	13.3	15.5
150°	4.4	4.4	4.4	4.4	4.4	4.4	6.7	6.7	8.9	11.1	13.3
152.5°	4.4	4.4	4.4	4.4	4.4	4.4	6.7	6.7	6.7	8.9	11.1
155°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	6.7	6.7	8.9	8.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4256.2	4260.6	4287.3	4285.0	4280.6	4276.2	4276.2	4271.7	4276.2	4287.3	4282.8
5°	4234.0	4240.7	4260.6	4258.4	4254.0	4251.8	4249.6	4242.9	4247.3	4262.9	4258.4
7.5°	4194.1	4200.8	4218.5	4209.6	4203.0	4207.4	4196.3	4189.7	4198.5	4214.1	4211.9
10°	4152.0	4156.4	4178.6	4174.1	4163.1	4165.3	4154.2	4149.7	4160.8	4169.7	4171.9
12.5°	4123.1	4138.7	4158.6	4156.4	4154.2	4156.4	4145.3	4140.9	4147.5	4156.4	4154.2
15°	4116.5	4136.4	4158.6	4158.6	4160.8	4163.1	4152.0	4145.3	4152.0	4158.6	4156.4
17.5°	4109.8	4134.2	4154.2	4152.0	4154.2	4158.6	4140.9	4136.4	4145.3	4154.2	4149.7
20°	4087.6	4109.8	4123.1	4118.7	4118.7	4120.9	4098.7	4098.7	4112.0	4118.7	4120.9
22.5°	4025.5	4052.2	4052.2	4041.1	4041.1	4032.2	4025.5	4012.2	4027.8	4038.9	4047.7
25°	3932.4	3943.5	3930.2	3905.8	3892.5	3881.4	3850.3	3876.9	3876.9	3910.2	3921.3
27.5°	3801.5	3777.1	3739.4	3688.4	3677.3	3641.8	3621.9	3628.5	3639.6	3686.2	3721.7
30°	3586.4	3513.2	3448.9	3426.7	3377.9	3342.4	3306.9	3324.7	3344.6	3371.3	3444.4
32.5°	3302.5	3231.5	3127.3	3089.6	3038.6	2994.2	2952.1	2978.7	3014.2	3031.9	3111.8
35°	2976.5	2892.2	2796.8	2732.5	2679.3	2654.9	2601.6	2639.3	2677.0	2690.4	2759.1
37.5°	2630.5	2544.0	2459.7	2404.2	2353.2	2337.7	2302.2	2328.8	2357.7	2377.6	2435.3
40°	2302.2	2222.4	2158.0	2120.3	2084.9	2071.5	2058.2	2069.3	2091.5	2107.0	2151.4
42.5°	2020.5	1956.2	1911.9	1889.7	1865.3	1847.5	1849.8	1854.2	1865.3	1898.5	1918.5
45°	1774.3	1736.6	1707.8	1703.4	1687.8	1685.6	1683.4	1692.3	1698.9	1718.9	1734.4
47.5°	1576.9	1561.4	1554.8	1563.6	1570.3	1561.4	1565.9	1576.9	1590.3	1590.3	1588.0
50°	1421.7	1426.1	1435.0	1455.0	1468.3	1472.7	1477.1	1490.4	1492.7	1497.1	1490.4
52.5°	1295.3	1299.7	1324.1	1355.2	1370.7	1377.3	1386.2	1399.5	1399.5	1404.0	1395.1
55°	1166.6	1173.3	1197.7	1228.7	1242.0	1250.9	1259.8	1268.7	1275.3	1284.2	1277.5
57.5°	1024.7	1044.6	1060.2	1069.0	1077.9	1084.6	1091.2	1093.4	1106.7	1109.0	1120.1
60°	873.9	878.3	893.8	891.6	885.0	902.7	893.8	909.4	924.9	944.8	947.1
62.5°	729.7	731.9	743.0	738.6	747.4	745.2	751.9	751.9	763.0	771.8	782.9
65°	616.6	618.8	627.7	627.7	625.5	632.1	638.8	643.2	643.2	649.9	658.7
67.5°	532.3	539.0	547.8	552.3	556.7	556.7	563.4	565.6	570.0	572.2	576.7
70°	474.6	483.5	492.4	496.8	499.0	503.5	505.7	505.7	510.1	512.3	516.8
72.5°	432.5	441.4	448.0	448.0	452.5	454.7	454.7	456.9	459.1	463.5	468.0
75°	397.0	403.7	408.1	405.9	405.9	405.9	408.1	408.1	412.5	417.0	421.4
77.5°	363.7	370.4	370.4	366.0	366.0	366.0	366.0	368.2	370.4	374.8	379.3
80°	339.3	339.3	337.1	337.1	332.7	330.5	330.5	332.7	332.7	337.1	343.8
82.5°	312.7	312.7	310.5	308.3	306.1	303.9	303.9	306.1	308.3	310.5	314.9
85°	288.3	288.3	283.9	283.9	281.7	281.7	281.7	281.7	283.9	286.1	290.5
87.5°	263.9	261.7	259.5	257.3	257.3	257.3	257.3	257.3	259.5	263.9	266.2
90°	239.5	237.3	235.1	235.1	232.9	232.9	235.1	235.1	237.3	239.5	241.8
92.5°	217.4	215.1	212.9	212.9	210.7	210.7	212.9	210.7	215.1	215.1	217.4
95°	197.4	195.2	193.0	193.0	193.0	193.0	193.0	193.0	195.2	195.2	197.4
97.5°	179.7	177.4	175.2	175.2	177.4	175.2	177.4	177.4	177.4	179.7	181.9
100°	164.1	161.9	161.9	164.1	161.9	161.9	164.1	164.1	164.1	164.1	166.3
102.5°	150.8	150.8	150.8	150.8	150.8	150.8	153.0	153.0	153.0	153.0	155.3
105°	137.5	139.7	139.7	139.7	141.9	141.9	141.9	144.2	144.2	144.2	144.2
107.5°	128.6	130.9	130.9	133.1	133.1	135.3	135.3	135.3	135.3	137.5	137.5
110°	119.8	122.0	124.2	126.4	126.4	128.6	128.6	128.6	128.6	128.6	128.6



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	110.9	113.1	115.3	119.8	122.0	122.0	122.0	122.0	124.2	124.2	122.0
115°	102.0	106.5	108.7	113.1	115.3	115.3	117.6	117.6	117.6	117.6	115.3
117.5°	93.2	99.8	102.0	106.5	108.7	108.7	110.9	110.9	110.9	110.9	108.7
120°	86.5	90.9	95.4	97.6	99.8	102.0	102.0	104.2	104.2	104.2	102.0
122.5°	79.8	84.3	88.7	90.9	93.2	95.4	95.4	95.4	95.4	95.4	95.4
125°	71.0	75.4	79.8	82.1	84.3	86.5	86.5	88.7	88.7	88.7	86.5
127.5°	64.3	68.8	71.0	75.4	77.6	77.6	79.8	79.8	79.8	79.8	77.6
130°	55.4	59.9	64.3	66.5	68.8	68.8	71.0	71.0	71.0	71.0	71.0
132.5°	48.8	53.2	55.4	59.9	59.9	62.1	62.1	64.3	64.3	64.3	62.1
135°	44.4	46.6	48.8	53.2	53.2	55.4	55.4	55.4	55.4	55.4	55.4
137.5°	39.9	42.1	44.4	46.6	46.6	48.8	48.8	48.8	48.8	51.0	48.8
140°	33.3	37.7	39.9	39.9	42.1	42.1	42.1	44.4	44.4	44.4	42.1
142.5°	28.8	31.1	33.3	35.5	37.7	37.7	37.7	37.7	39.9	37.7	37.7
145°	22.2	26.6	28.8	31.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3
147.5°	17.7	20.0	24.4	26.6	26.6	28.8	28.8	28.8	28.8	28.8	28.8
150°	15.5	15.5	20.0	22.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4
152.5°	11.1	13.3	15.5	17.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0
155°	11.1	11.1	13.3	13.3	15.5	15.5	15.5	15.5	17.7	15.5	15.5
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: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4276.2	4274.0	4282.8	4274.0	4229.6	4247.3	4240.7	4265.1	4267.3	4274.0	4296.1
5°	4254.0	4254.0	4265.1	4256.2	4214.1	4231.8	4229.6	4254.0	4258.4	4262.9	4287.3
7.5°	4209.6	4211.9	4227.4	4220.7	4176.4	4203.0	4200.8	4229.6	4238.5	4247.3	4269.5
10°	4167.5	4165.3	4183.0	4176.4	4134.2	4165.3	4163.1	4191.9	4205.2	4220.7	4247.3
12.5°	4145.3	4138.7	4145.3	4138.7	4092.1	4116.5	4118.7	4152.0	4167.5	4187.5	4218.5
15°	4145.3	4134.2	4134.2	4120.9	4067.7	4083.2	4085.4	4107.6	4127.6	4147.5	4185.2
17.5°	4140.9	4129.8	4127.6	4116.5	4058.8	4058.8	4056.6	4072.1	4083.2	4103.2	4143.1
20°	4116.5	4112.0	4109.8	4103.2	4049.9	4041.1	4036.6	4036.6	4043.3	4049.9	4089.9
22.5°	4052.2	4056.6	4061.0	4065.5	4023.3	4007.8	4010.0	4005.6	3998.9	3998.9	4032.2
25°	3932.4	3954.6	3972.3	3992.3	3967.9	3956.8	3970.1	3963.4	3952.4	3943.5	3972.3
27.5°	3741.6	3788.2	3825.9	3874.7	3876.9	3868.1	3903.6	3899.1	3896.9	3883.6	3905.8
30°	3477.7	3550.9	3601.9	3672.9	3732.8	3741.6	3801.5	3810.4	3819.3	3812.6	3834.8
32.5°	3158.3	3258.1	3344.6	3455.5	3513.2	3564.2	3648.5	3684.0	3719.5	3730.6	3755.0
35°	2810.1	2923.2	3025.3	3147.2	3238.2	3349.1	3451.1	3504.3	3584.2	3615.2	3650.7
37.5°	2479.6	2586.1	2685.9	2807.9	2954.3	3069.6	3196.0	3315.8	3424.5	3468.8	3522.1
40°	2186.9	2273.4	2368.8	2475.2	2608.3	2759.1	2896.6	3063.0	3191.6	3280.3	3357.9
42.5°	1965.1	2007.2	2089.3	2184.7	2291.1	2444.2	2583.9	2770.2	2925.5	3051.9	3180.5
45°	1767.7	1787.7	1847.5	1898.5	2007.2	2142.5	2291.1	2473.0	2634.9	2796.8	2952.1
47.5°	1599.1	1623.5	1652.4	1683.4	1761.0	1874.2	2002.8	2166.9	2328.8	2517.4	2694.8
50°	1486.0	1492.7	1497.1	1510.4	1557.0	1634.6	1738.9	1878.6	2033.8	2235.7	2424.2
52.5°	1386.2	1386.2	1372.9	1366.2	1384.0	1432.8	1492.7	1592.5	1752.2	1938.5	2138.1
55°	1279.7	1259.8	1255.3	1233.2	1237.6	1259.8	1288.6	1366.2	1497.1	1656.8	1849.8
57.5°	1131.1	1122.3	1122.3	1113.4	1095.7	1106.7	1113.4	1168.8	1262.0	1399.5	1568.1
60°	960.4	955.9	967.0	969.2	953.7	960.4	958.1	991.4	1058.0	1168.8	1308.6
62.5°	789.6	809.5	811.8	820.6	811.8	809.5	820.6	849.5	882.7	967.0	1075.7
65°	663.2	674.3	676.5	687.6	683.1	683.1	692.0	714.2	734.1	791.8	876.1
67.5°	581.1	576.7	578.9	585.5	578.9	576.7	583.3	596.6	612.1	647.6	707.5
70°	516.8	512.3	512.3	512.3	503.5	496.8	499.0	503.5	510.1	530.1	567.8
72.5°	468.0	468.0	461.3	454.7	448.0	443.6	439.2	434.7	432.5	439.2	459.1
75°	423.6	425.8	423.6	417.0	408.1	399.2	390.4	381.5	370.4	366.0	368.2
77.5°	383.7	385.9	388.1	385.9	377.0	366.0	352.7	339.3	323.8	308.3	299.4
80°	348.2	352.7	354.9	352.7	346.0	337.1	321.6	306.1	283.9	263.9	241.8
82.5°	317.2	323.8	326.0	326.0	321.6	312.7	295.0	277.2	252.8	226.2	197.4
85°	292.8	297.2	301.6	301.6	299.4	290.5	272.8	252.8	228.4	197.4	166.3
87.5°	268.4	270.6	275.0	279.5	275.0	266.2	250.6	228.4	204.0	173.0	137.5
90°	244.0	246.2	250.6	255.1	252.8	244.0	230.7	210.7	184.1	150.8	115.3
92.5°	219.6	224.0	226.2	228.4	230.7	224.0	212.9	193.0	166.3	133.1	99.8
95°	201.8	201.8	206.3	208.5	210.7	204.0	195.2	175.2	150.8	119.8	86.5
97.5°	184.1	184.1	188.5	188.5	190.7	186.3	177.4	159.7	135.3	106.5	73.2
100°	166.3	168.6	170.8	173.0	173.0	170.8	161.9	144.2	122.0	95.4	64.3
102.5°	155.3	155.3	157.5	157.5	159.7	155.3	146.4	130.9	108.7	84.3	55.4
105°	144.2	144.2	146.4	146.4	144.2	139.7	130.9	117.6	97.6	73.2	48.8
107.5°	135.3	135.3	135.3	135.3	133.1	128.6	119.8	104.2	86.5	66.5	44.4
110°	128.6	126.4	126.4	124.2	122.0	115.3	106.5	93.2	77.6	57.7	37.7



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	122.0	119.8	117.6	115.3	110.9	104.2	95.4	84.3	68.8	51.0	33.3
115°	115.3	113.1	110.9	106.5	102.0	95.4	86.5	75.4	59.9	44.4	28.8
117.5°	108.7	106.5	102.0	97.6	93.2	86.5	77.6	66.5	53.2	39.9	26.6
120°	99.8	97.6	95.4	90.9	86.5	77.6	68.8	59.9	46.6	35.5	22.2
122.5°	93.2	90.9	86.5	84.3	77.6	71.0	62.1	53.2	42.1	31.1	20.0
125°	84.3	82.1	79.8	75.4	71.0	62.1	55.4	46.6	37.7	26.6	15.5
127.5°	77.6	75.4	71.0	66.5	62.1	55.4	48.8	42.1	33.3	22.2	15.5
130°	68.8	66.5	64.3	59.9	55.4	48.8	44.4	35.5	28.8	20.0	13.3
132.5°	59.9	59.9	57.7	53.2	48.8	44.4	37.7	31.1	24.4	17.7	11.1
135°	55.4	53.2	51.0	46.6	44.4	37.7	33.3	26.6	20.0	15.5	8.9
137.5°	48.8	46.6	44.4	42.1	37.7	33.3	28.8	22.2	17.7	13.3	8.9
140°	42.1	39.9	39.9	35.5	33.3	28.8	24.4	20.0	15.5	11.1	6.7
142.5°	37.7	35.5	33.3	31.1	28.8	24.4	20.0	15.5	13.3	8.9	6.7
145°	33.3	31.1	28.8	26.6	24.4	20.0	17.7	13.3	11.1	8.9	6.7
147.5°	26.6	26.6	24.4	22.2	20.0	17.7	15.5	13.3	8.9	6.7	4.4
150°	22.2	22.2	20.0	17.7	17.7	15.5	13.3	11.1	8.9	6.7	4.4
152.5°	20.0	17.7	17.7	15.5	15.5	13.3	11.1	8.9	6.7	6.7	4.4
155°	15.5	15.5	15.5	13.3	13.3	11.1	8.9	8.9	6.7	4.4	4.4
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: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4300.6	4274.0	4296.1	4336.1	4331.6	4327.2	4322.7	4331.6	4360.5	4344.9	4320.5
5°	4293.9	4267.3	4291.7	4329.4	4327.2	4320.5	4316.1	4325.0	4353.8	4338.3	4311.7
7.5°	4280.6	4256.2	4274.0	4311.7	4311.7	4307.2	4302.8	4311.7	4338.3	4325.0	4298.4
10°	4258.4	4240.7	4258.4	4293.9	4296.1	4287.3	4282.8	4293.9	4320.5	4313.9	4291.7
12.5°	4240.7	4222.9	4242.9	4278.4	4280.6	4271.7	4265.1	4278.4	4313.9	4318.3	4311.7
15°	4216.3	4200.8	4225.2	4262.9	4262.9	4256.2	4256.2	4274.0	4322.7	4342.7	4353.8
17.5°	4180.8	4169.7	4198.5	4236.2	4238.5	4234.0	4236.2	4271.7	4336.1	4384.8	4415.9
20°	4136.4	4132.0	4163.1	4203.0	4209.6	4211.9	4222.9	4276.2	4364.9	4431.4	4462.5
22.5°	4083.2	4085.4	4120.9	4163.1	4171.9	4178.6	4200.8	4276.2	4387.1	4458.0	4471.3
25°	4023.3	4030.0	4067.7	4118.7	4129.8	4143.1	4180.8	4278.4	4393.7	4440.3	4418.1
27.5°	3959.0	3972.3	4021.1	4074.3	4087.6	4109.8	4158.6	4265.1	4362.7	4364.9	4282.8
30°	3892.5	3908.0	3965.7	4027.8	4049.9	4072.1	4132.0	4234.0	4287.3	4216.3	4072.1
32.5°	3817.1	3839.2	3896.9	3972.3	3998.9	4027.8	4087.6	4174.1	4154.2	4001.1	3794.9
35°	3721.7	3752.7	3819.3	3908.0	3932.4	3970.1	4012.2	4032.2	3943.5	3726.1	3493.2
37.5°	3604.1	3650.7	3728.3	3830.4	3857.0	3881.4	3892.5	3837.0	3659.6	3424.5	3182.7
40°	3468.8	3539.8	3624.1	3737.2	3763.8	3763.8	3723.9	3606.4	3382.3	3074.1	2805.7
42.5°	3304.7	3391.2	3497.7	3610.8	3637.4	3606.4	3511.0	3304.7	3049.7	2705.9	2422.0
45°	3105.1	3220.4	3340.2	3457.8	3471.1	3402.3	3231.5	2969.8	2654.9	2335.5	2064.9
47.5°	2867.8	3018.6	3149.5	3282.5	3264.8	3149.5	2921.0	2623.8	2291.1	1989.5	1772.1
50°	2601.6	2779.1	2925.5	3051.9	3014.2	2854.5	2586.1	2275.6	1945.1	1687.8	1508.2
52.5°	2317.7	2521.8	2668.2	2770.2	2719.2	2528.4	2233.5	1936.3	1665.7	1430.6	1310.8
55°	2022.8	2229.0	2379.8	2459.7	2393.1	2186.9	1896.3	1625.7	1370.7	1217.6	1146.7
57.5°	1736.6	1929.6	2071.5	2135.9	2051.6	1845.3	1576.9	1348.5	1164.4	1035.8	1000.3
60°	1461.6	1619.1	1754.4	1803.2	1712.2	1521.5	1290.8	1109.0	973.7	885.0	867.2
62.5°	1206.6	1335.2	1441.7	1479.4	1390.6	1242.0	1042.4	907.1	811.8	767.4	745.2
65°	995.9	1071.3	1179.9	1173.3	1120.1	982.5	836.2	740.8	678.7	649.9	636.5
67.5°	782.9	851.7	920.4	929.3	862.8	767.4	672.0	603.3	570.0	554.5	547.8
70°	605.5	656.5	698.6	687.6	652.1	592.2	532.3	494.6	481.3	474.6	474.6
72.5°	470.2	496.8	516.8	503.5	481.3	450.2	421.4	405.9	408.1	412.5	417.0
75°	363.7	370.4	374.8	361.5	357.1	337.1	334.9	337.1	350.4	363.7	370.4
77.5°	279.5	270.6	263.9	250.6	252.8	250.6	261.7	279.5	299.4	319.4	337.1
80°	215.1	195.2	179.7	166.3	173.0	184.1	206.3	232.9	259.5	281.7	303.9
82.5°	166.3	137.5	115.3	102.0	115.3	133.1	161.9	195.2	226.2	250.6	275.0
85°	128.6	95.4	68.8	55.4	68.8	95.4	126.4	164.1	197.4	224.0	248.4
87.5°	99.8	68.8	37.7	22.2	37.7	66.5	102.0	137.5	170.8	201.8	226.2
90°	79.8	46.6	17.7	4.4	20.0	46.6	79.8	115.3	148.6	181.9	206.3
92.5°	64.3	33.3	8.9	0.0	11.1	35.5	66.5	99.8	133.1	164.1	188.5
95°	53.2	26.6	6.7	0.0	8.9	26.6	53.2	86.5	117.6	148.6	168.6
97.5°	44.4	20.0	4.4	0.0	4.4	22.2	44.4	73.2	104.2	133.1	153.0
100°	37.7	17.7	4.4	0.0	4.4	17.7	37.7	64.3	90.9	117.6	137.5
102.5°	31.1	13.3	2.2	2.2	2.2	13.3	33.3	55.4	79.8	104.2	124.2
105°	28.8	11.1	2.2	2.2	2.2	11.1	28.8	48.8	71.0	93.2	110.9
107.5°	24.4	8.9	2.2	2.2	2.2	8.9	24.4	42.1	64.3	84.3	99.8
110°	20.0	8.9	2.2	2.2	2.2	8.9	20.0	37.7	55.4	73.2	88.7



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	17.7	6.7	2.2	2.2	2.2	6.7	17.7	33.3	48.8	66.5	79.8
115°	15.5	6.7	2.2	2.2	2.2	6.7	15.5	28.8	42.1	57.7	71.0
117.5°	13.3	6.7	2.2	2.2	2.2	4.4	13.3	24.4	37.7	51.0	64.3
120°	11.1	4.4	2.2	2.2	2.2	4.4	11.1	22.2	33.3	44.4	55.4
122.5°	11.1	4.4	2.2	2.2	2.2	4.4	8.9	17.7	28.8	37.7	48.8
125°	8.9	4.4	2.2	2.2	2.2	2.2	8.9	15.5	24.4	33.3	42.1
127.5°	8.9	4.4	2.2	2.2	2.2	2.2	6.7	13.3	20.0	28.8	37.7
130°	6.7	4.4	2.2	2.2	2.2	2.2	4.4	11.1	17.7	24.4	31.1
132.5°	6.7	4.4	2.2	2.2	2.2	2.2	4.4	8.9	13.3	20.0	26.6
135°	6.7	2.2	2.2	2.2	2.2	2.2	2.2	6.7	11.1	15.5	20.0
137.5°	4.4	2.2	2.2	2.2	2.2	2.2	2.2	4.4	8.9	11.1	17.7
140°	4.4	2.2	2.2	2.2	2.2	2.2	2.2	4.4	6.7	8.9	13.3
142.5°	4.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.4	6.7	11.1
145°	4.4	2.2	2.2	4.4	4.4	2.2	2.2	4.4	4.4	6.7	8.9
147.5°	4.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.4	4.4	6.7
150°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	6.7
152.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
155°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4316.1	4265.1	4291.7	4282.8	4291.7	4313.9	4311.7	4305.0	4309.4	4298.4	4287.3
5°	4307.2	4256.2	4282.8	4271.7	4282.8	4305.0	4300.6	4293.9	4300.6	4287.3	4276.2
7.5°	4296.1	4249.6	4280.6	4278.4	4298.4	4327.2	4329.4	4329.4	4344.9	4325.0	4316.1
10°	4296.1	4271.7	4313.9	4329.4	4380.4	4418.1	4422.6	4431.4	4458.0	4453.6	4431.4
12.5°	4342.7	4338.3	4400.4	4438.1	4484.7	4537.9	4566.7	4575.6	4593.3	4580.0	4571.2
15°	4402.6	4424.8	4493.5	4535.7	4586.7	4626.6	4633.3	4637.7	4651.0	4631.0	4615.5
17.5°	4482.4	4495.7	4551.2	4568.9	4602.2	4608.9	4600.0	4577.8	4577.8	4533.5	4520.1
20°	4520.1	4513.5	4535.7	4506.8	4493.5	4453.6	4415.9	4373.8	4371.5	4325.0	4320.5
22.5°	4486.9	4442.5	4395.9	4325.0	4293.9	4236.2	4185.2	4160.8	4145.3	4085.4	4069.9
25°	4369.3	4260.6	4191.9	4107.6	4032.2	3965.7	3916.9	3865.9	3817.1	3768.3	3746.1
27.5°	4165.3	4063.2	3952.4	3834.8	3730.6	3628.5	3546.5	3495.5	3448.9	3384.6	3351.3
30°	3914.6	3772.7	3650.7	3537.6	3366.8	3242.6	3173.9	3071.8	3036.3	3007.5	2945.4
32.5°	3619.7	3448.9	3282.5	3129.5	2954.3	2839.0	2748.0	2672.6	2650.4	2575.0	2557.3
35°	3293.6	3069.6	2881.1	2730.3	2603.9	2464.1	2388.7	2337.7	2293.3	2242.3	2233.5
37.5°	2909.9	2708.1	2495.2	2362.1	2262.3	2142.5	2084.9	2049.4	2029.4	1991.7	1985.0
40°	2524.0	2322.2	2175.8	2042.7	1980.6	1916.3	1874.2	1858.6	1849.8	1836.4	1823.1
42.5°	2173.6	1996.1	1891.9	1803.2	1776.6	1745.5	1734.4	1743.3	1734.4	1730.0	1727.8
45°	1876.4	1741.1	1667.9	1641.3	1634.6	1625.7	1634.6	1650.1	1652.4	1647.9	1647.9
47.5°	1605.8	1541.5	1510.4	1514.8	1525.9	1532.6	1548.1	1568.1	1572.5	1561.4	1565.9
50°	1428.3	1390.6	1384.0	1401.7	1426.1	1435.0	1452.7	1468.3	1466.1	1461.6	1457.2
52.5°	1262.0	1250.9	1268.7	1286.4	1313.0	1317.5	1324.1	1330.8	1328.5	1319.7	1315.2
55°	1122.3	1131.1	1146.7	1153.3	1173.3	1171.1	1173.3	1173.3	1164.4	1160.0	1153.3
57.5°	995.9	998.1	1006.9	1009.2	1020.2	1015.8	1013.6	1009.2	995.9	993.6	987.0
60°	867.2	862.8	882.7	867.2	876.1	867.2	865.0	853.9	840.6	838.4	833.9
62.5°	745.2	736.4	749.7	743.0	747.4	738.6	734.1	720.8	709.7	707.5	705.3
65°	636.5	632.1	645.4	643.2	647.6	636.5	632.1	623.2	614.4	612.1	609.9
67.5°	545.6	556.7	563.4	563.4	567.8	565.6	554.5	552.3	550.0	541.2	541.2
70°	479.1	485.7	499.0	501.3	499.0	503.5	494.6	492.4	490.2	485.7	483.5
72.5°	425.8	434.7	448.0	450.2	448.0	448.0	443.6	441.4	441.4	434.7	434.7
75°	383.7	394.8	405.9	405.9	405.9	401.4	397.0	397.0	392.6	390.4	385.9
77.5°	348.2	361.5	370.4	368.2	366.0	361.5	361.5	354.9	348.2	348.2	343.8
80°	321.6	330.5	337.1	334.9	332.7	326.0	323.8	317.2	312.7	306.1	306.1
82.5°	292.8	303.9	308.3	306.1	301.6	295.0	292.8	288.3	283.9	281.7	277.2
85°	268.4	279.5	281.7	277.2	272.8	268.4	266.2	263.9	261.7	257.3	257.3
87.5°	244.0	255.1	255.1	252.8	248.4	246.2	244.0	241.8	239.5	237.3	235.1
90°	224.0	232.9	232.9	230.7	228.4	226.2	224.0	221.8	219.6	217.4	217.4
92.5°	204.0	212.9	212.9	210.7	208.5	206.3	206.3	204.0	201.8	199.6	197.4
95°	186.3	195.2	195.2	195.2	193.0	190.7	190.7	188.5	186.3	186.3	184.1
97.5°	168.6	177.4	177.4	177.4	175.2	173.0	173.0	170.8	170.8	170.8	168.6
100°	153.0	159.7	161.9	161.9	159.7	159.7	159.7	157.5	157.5	157.5	155.3
102.5°	137.5	144.2	148.6	148.6	148.6	146.4	146.4	146.4	146.4	146.4	144.2
105°	124.2	130.9	135.3	137.5	137.5	137.5	137.5	137.5	137.5	137.5	137.5
107.5°	113.1	119.8	124.2	126.4	128.6	128.6	130.9	130.9	130.9	130.9	130.9
110°	102.0	108.7	115.3	117.6	119.8	122.0	122.0	124.2	122.0	122.0	122.0



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	90.9	99.8	104.2	108.7	110.9	113.1	115.3	115.3	115.3	115.3	115.3
115°	82.1	90.9	95.4	99.8	104.2	106.5	106.5	108.7	108.7	108.7	106.5
117.5°	73.2	82.1	86.5	90.9	93.2	97.6	99.8	99.8	99.8	99.8	97.6
120°	66.5	73.2	77.6	82.1	86.5	88.7	90.9	90.9	90.9	90.9	90.9
122.5°	57.7	64.3	71.0	75.4	77.6	79.8	82.1	82.1	82.1	82.1	82.1
125°	51.0	57.7	62.1	66.5	68.8	73.2	73.2	73.2	73.2	73.2	73.2
127.5°	44.4	51.0	55.4	59.9	62.1	64.3	66.5	66.5	66.5	66.5	66.5
130°	37.7	44.4	48.8	53.2	55.4	57.7	57.7	59.9	59.9	59.9	59.9
132.5°	33.3	37.7	42.1	46.6	48.8	51.0	51.0	53.2	53.2	53.2	53.2
135°	26.6	33.3	35.5	39.9	42.1	44.4	44.4	46.6	46.6	46.6	46.6
137.5°	22.2	26.6	31.1	35.5	37.7	37.7	39.9	39.9	42.1	42.1	42.1
140°	17.7	20.0	26.6	28.8	31.1	33.3	35.5	35.5	35.5	35.5	35.5
142.5°	13.3	17.7	20.0	24.4	26.6	28.8	31.1	31.1	31.1	31.1	31.1
145°	11.1	13.3	15.5	20.0	22.2	24.4	26.6	26.6	26.6	26.6	26.6
147.5°	8.9	11.1	13.3	15.5	17.7	20.0	22.2	22.2	22.2	22.2	22.2
150°	6.7	8.9	11.1	11.1	13.3	15.5	17.7	20.0	20.0	20.0	20.0
152.5°	6.7	6.7	8.9	8.9	11.1	13.3	15.5	15.5	15.5	15.5	15.5
155°	4.4	6.7	6.7	6.7	8.9	8.9	11.1	13.3	13.3	13.3	13.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4293.9	4302.8	4298.4	4291.7	4289.5	4300.6	4289.5	4238.5	4258.4	4260.6	4276.2
5°	4287.3	4293.9	4289.5	4285.0	4278.4	4291.7	4278.4	4225.2	4245.1	4247.3	4262.9
7.5°	4331.6	4333.8	4333.8	4322.7	4305.0	4311.7	4293.9	4234.0	4245.1	4245.1	4256.2
10°	4442.5	4447.0	4453.6	4424.8	4402.6	4384.8	4360.5	4287.3	4285.0	4267.3	4267.3
12.5°	4586.7	4575.6	4564.5	4551.2	4533.5	4511.3	4475.8	4389.3	4360.5	4331.6	4302.8
15°	4628.8	4624.4	4622.2	4615.5	4604.4	4597.8	4571.2	4484.7	4442.5	4407.0	4356.0
17.5°	4517.9	4526.8	4555.6	4557.8	4571.2	4597.8	4593.3	4533.5	4495.7	4480.2	4418.1
20°	4318.3	4320.5	4356.0	4371.5	4429.2	4473.6	4506.8	4500.2	4491.3	4509.1	4462.5
22.5°	4078.8	4094.3	4132.0	4156.4	4211.9	4262.9	4316.1	4344.9	4391.5	4464.7	4455.8
25°	3752.7	3772.7	3825.9	3865.9	3943.5	4021.1	4092.1	4143.1	4198.5	4338.3	4384.8
27.5°	3362.4	3393.4	3462.2	3502.1	3610.8	3690.6	3792.7	3892.5	3970.1	4129.8	4225.2
30°	2952.1	2978.7	3051.9	3107.3	3200.5	3309.2	3437.8	3579.7	3708.4	3870.3	3990.1
32.5°	2568.4	2597.2	2657.1	2705.9	2810.1	2901.1	3043.0	3218.2	3338.0	3562.0	3721.7
35°	2233.5	2260.1	2302.2	2344.4	2430.9	2524.0	2646.0	2816.8	2969.8	3202.7	3404.5
37.5°	1998.4	2002.8	2027.2	2051.6	2115.9	2186.9	2282.3	2433.1	2575.0	2825.6	3047.4
40°	1829.8	1829.8	1843.1	1849.8	1878.6	1920.7	1980.6	2098.2	2215.7	2406.5	2677.0
42.5°	1725.6	1721.1	1721.1	1723.3	1721.1	1741.1	1776.6	1832.0	1936.3	2093.7	2304.4
45°	1647.9	1639.1	1632.4	1616.9	1608.0	1608.0	1610.2	1630.2	1690.1	1792.1	1962.9
47.5°	1561.4	1559.2	1548.1	1530.4	1514.8	1503.8	1486.0	1479.4	1497.1	1554.8	1670.1
50°	1461.6	1450.5	1439.4	1426.1	1408.4	1397.3	1364.0	1366.2	1350.7	1377.3	1437.2
52.5°	1315.2	1306.4	1301.9	1290.8	1284.2	1279.7	1253.1	1226.5	1219.9	1224.3	1246.5
55°	1153.3	1157.8	1140.0	1148.9	1146.7	1126.7	1115.6	1095.7	1089.0	1086.8	1097.9
57.5°	984.8	989.2	978.1	987.0	987.0	975.9	969.2	969.2	953.7	940.4	955.9
60°	831.7	822.9	829.5	840.6	840.6	833.9	829.5	829.5	818.4	814.0	825.1
62.5°	707.5	698.6	705.3	716.4	718.6	714.2	709.7	709.7	696.4	696.4	705.3
65°	612.1	614.4	612.1	621.0	621.0	623.2	618.8	614.4	598.8	605.5	603.3
67.5°	543.4	541.2	541.2	550.0	547.8	552.3	547.8	541.2	530.1	521.2	519.0
70°	485.7	483.5	483.5	487.9	490.2	490.2	487.9	483.5	468.0	459.1	452.5
72.5°	434.7	432.5	434.7	436.9	439.2	441.4	439.2	434.7	421.4	410.3	399.2
75°	388.1	385.9	392.6	392.6	394.8	394.8	397.0	394.8	383.7	370.4	357.1
77.5°	341.6	343.8	350.4	352.7	357.1	359.3	361.5	361.5	350.4	339.3	321.6
80°	303.9	308.3	312.7	314.9	319.4	326.0	328.3	330.5	321.6	310.5	290.5
82.5°	277.2	279.5	283.9	286.1	292.8	295.0	297.2	301.6	297.2	286.1	263.9
85°	255.1	257.3	261.7	261.7	266.2	270.6	272.8	275.0	272.8	261.7	239.5
87.5°	235.1	237.3	239.5	241.8	244.0	246.2	248.4	250.6	248.4	237.3	217.4
90°	217.4	217.4	219.6	219.6	221.8	224.0	228.4	228.4	226.2	217.4	197.4
92.5°	197.4	199.6	199.6	201.8	204.0	206.3	208.5	208.5	206.3	197.4	179.7
95°	184.1	184.1	186.3	186.3	188.5	188.5	190.7	190.7	188.5	179.7	161.9
97.5°	168.6	168.6	168.6	168.6	170.8	170.8	173.0	173.0	170.8	161.9	146.4
100°	155.3	155.3	155.3	155.3	155.3	157.5	157.5	157.5	155.3	146.4	130.9
102.5°	144.2	144.2	144.2	144.2	144.2	144.2	144.2	144.2	139.7	133.1	117.6
105°	137.5	137.5	137.5	135.3	135.3	135.3	133.1	133.1	126.4	119.8	106.5
107.5°	128.6	128.6	128.6	126.4	126.4	124.2	122.0	122.0	115.3	108.7	95.4
110°	122.0	122.0	122.0	119.8	117.6	115.3	113.1	110.9	104.2	95.4	84.3



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	115.3	115.3	113.1	113.1	110.9	108.7	104.2	102.0	95.4	86.5	75.4
115°	106.5	106.5	106.5	104.2	102.0	99.8	97.6	93.2	86.5	77.6	66.5
117.5°	97.6	97.6	97.6	95.4	93.2	90.9	88.7	84.3	77.6	68.8	59.9
120°	88.7	88.7	88.7	86.5	84.3	82.1	79.8	75.4	68.8	62.1	51.0
122.5°	82.1	82.1	79.8	77.6	75.4	73.2	71.0	66.5	62.1	53.2	44.4
125°	73.2	73.2	71.0	71.0	68.8	66.5	64.3	59.9	53.2	46.6	39.9
127.5°	66.5	64.3	64.3	64.3	62.1	59.9	55.4	53.2	46.6	39.9	33.3
130°	57.7	57.7	57.7	55.4	55.4	53.2	48.8	44.4	39.9	35.5	28.8
132.5°	51.0	51.0	51.0	51.0	48.8	46.6	42.1	39.9	35.5	28.8	24.4
135°	46.6	46.6	44.4	44.4	42.1	39.9	37.7	33.3	28.8	24.4	20.0
137.5°	39.9	39.9	39.9	37.7	37.7	35.5	31.1	28.8	26.6	22.2	17.7
140°	35.5	35.5	33.3	33.3	31.1	31.1	28.8	24.4	22.2	17.7	15.5
142.5°	31.1	31.1	28.8	28.8	26.6	26.6	24.4	22.2	17.7	15.5	11.1
145°	26.6	26.6	24.4	24.4	24.4	22.2	20.0	17.7	15.5	13.3	11.1
147.5°	22.2	22.2	22.2	20.0	20.0	17.7	17.7	15.5	13.3	11.1	8.9
150°	20.0	20.0	17.7	17.7	17.7	15.5	13.3	13.3	11.1	8.9	6.7
152.5°	15.5	15.5	15.5	15.5	13.3	13.3	11.1	11.1	8.9	6.7	6.7
155°	13.3	13.3	13.3	11.1	11.1	11.1	8.9	8.9	6.7	6.7	4.4
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: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9	4293.9
2.5°	4269.5	4267.3	4287.3	4285.0	4258.4	4298.4	4325.0
5°	4258.4	4256.2	4274.0	4278.4	4249.6	4291.7	4320.5
7.5°	4249.6	4247.3	4267.3	4274.0	4245.1	4282.8	4313.9
10°	4251.8	4240.7	4258.4	4262.9	4236.2	4276.2	4302.8
12.5°	4267.3	4240.7	4247.3	4247.3	4222.9	4258.4	4287.3
15°	4305.0	4249.6	4240.7	4234.0	4203.0	4236.2	4265.1
17.5°	4347.1	4271.7	4240.7	4218.5	4180.8	4209.6	4240.7
20°	4389.3	4296.1	4245.1	4209.6	4158.6	4185.2	4207.4
22.5°	4409.2	4318.3	4249.6	4196.3	4132.0	4145.3	4169.7
25°	4382.6	4309.4	4240.7	4176.4	4098.7	4101.0	4120.9
27.5°	4285.0	4265.1	4220.7	4156.4	4072.1	4061.0	4076.6
30°	4118.7	4174.1	4176.4	4129.8	4041.1	4018.9	4025.5
32.5°	3885.8	4010.0	4083.2	4074.3	3996.7	3965.7	3970.1
35°	3617.4	3772.7	3932.4	3985.6	3930.2	3905.8	3896.9
37.5°	3295.8	3504.3	3717.3	3848.1	3839.2	3823.7	3814.8
40°	2941.0	3191.6	3444.4	3652.9	3717.3	3717.3	3721.7
42.5°	2561.7	2854.5	3131.7	3395.7	3546.5	3579.7	3593.0
45°	2195.8	2490.7	2792.4	3096.2	3298.1	3402.3	3440.0
47.5°	1863.1	2160.3	2446.4	2779.1	3047.4	3182.7	3242.6
50°	1579.2	1801.0	2102.6	2433.1	2725.8	2892.2	3009.7
52.5°	1344.1	1517.1	1781.0	2089.3	2384.3	2612.7	2721.4
55°	1146.7	1264.2	1488.2	1754.4	2036.1	2273.4	2399.8
57.5°	980.3	1073.5	1226.5	1448.3	1685.6	1920.7	2056.0
60°	833.9	898.3	1002.5	1177.7	1379.6	1581.4	1712.2
62.5°	707.5	749.7	818.4	947.1	1104.5	1262.0	1384.0
65°	609.9	627.7	665.4	745.2	865.0	984.8	1089.0
67.5°	514.6	525.6	554.5	603.3	663.2	749.7	818.4
70°	443.6	443.6	445.8	474.6	505.7	561.1	609.9
72.5°	385.9	379.3	366.0	372.6	379.3	410.3	441.4
75°	339.3	323.8	301.6	292.8	288.3	292.8	310.5
77.5°	299.4	277.2	250.6	228.4	210.7	204.0	219.6
80°	266.2	239.5	208.5	179.7	150.8	135.3	141.9
82.5°	239.5	206.3	173.0	139.7	106.5	84.3	84.3
85°	210.7	179.7	144.2	108.7	75.4	46.6	42.1
87.5°	190.7	157.5	119.8	86.5	53.2	24.4	13.3
90°	170.8	137.5	102.0	68.8	37.7	11.1	0.0
92.5°	153.0	122.0	88.7	55.4	26.6	6.7	0.0
95°	137.5	108.7	75.4	46.6	22.2	4.4	2.2
97.5°	122.0	95.4	66.5	37.7	15.5	4.4	2.2
100°	110.9	84.3	57.7	31.1	13.3	2.2	2.2
102.5°	97.6	75.4	48.8	26.6	11.1	2.2	2.2
105°	86.5	66.5	42.1	22.2	8.9	2.2	2.2
107.5°	77.6	57.7	37.7	20.0	8.9	2.2	2.2
110°	68.8	51.0	33.3	17.7	6.7	2.2	2.2



TEST NUMBER: P290254

CATALOG NUMBER: 8SSRK-LC-12-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	62.1	44.4	28.8	15.5	4.4	2.2	2.2
115°	53.2	39.9	24.4	13.3	4.4	2.2	2.2
117.5°	46.6	33.3	22.2	11.1	4.4	2.2	2.2
120°	39.9	28.8	17.7	8.9	2.2	2.2	2.2
122.5°	35.5	24.4	15.5	8.9	2.2	2.2	2.2
125°	31.1	22.2	13.3	6.7	2.2	2.2	2.2
127.5°	26.6	17.7	11.1	4.4	2.2	2.2	2.2
130°	22.2	15.5	8.9	4.4	2.2	2.2	2.2
132.5°	17.7	13.3	8.9	4.4	2.2	2.2	2.2
135°	15.5	11.1	6.7	4.4	2.2	2.2	2.2
137.5°	13.3	8.9	4.4	4.4	4.4	2.2	2.2
140°	11.1	6.7	4.4	4.4	4.4	4.4	2.2
142.5°	8.9	6.7	4.4	4.4	4.4	4.4	2.2
145°	6.7	4.4	4.4	4.4	4.4	4.4	2.2
147.5°	6.7	4.4	4.4	4.4	4.4	4.4	2.2
150°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
152.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
155°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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)