

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: P290253

Luminaire Tested: **8SSRK-LC-12-L935-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: P290253  
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-L935-CD1-U  
Description: 12000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9994.4 lumens  
Efficiency: N/A  
Efficacy: 123.5 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

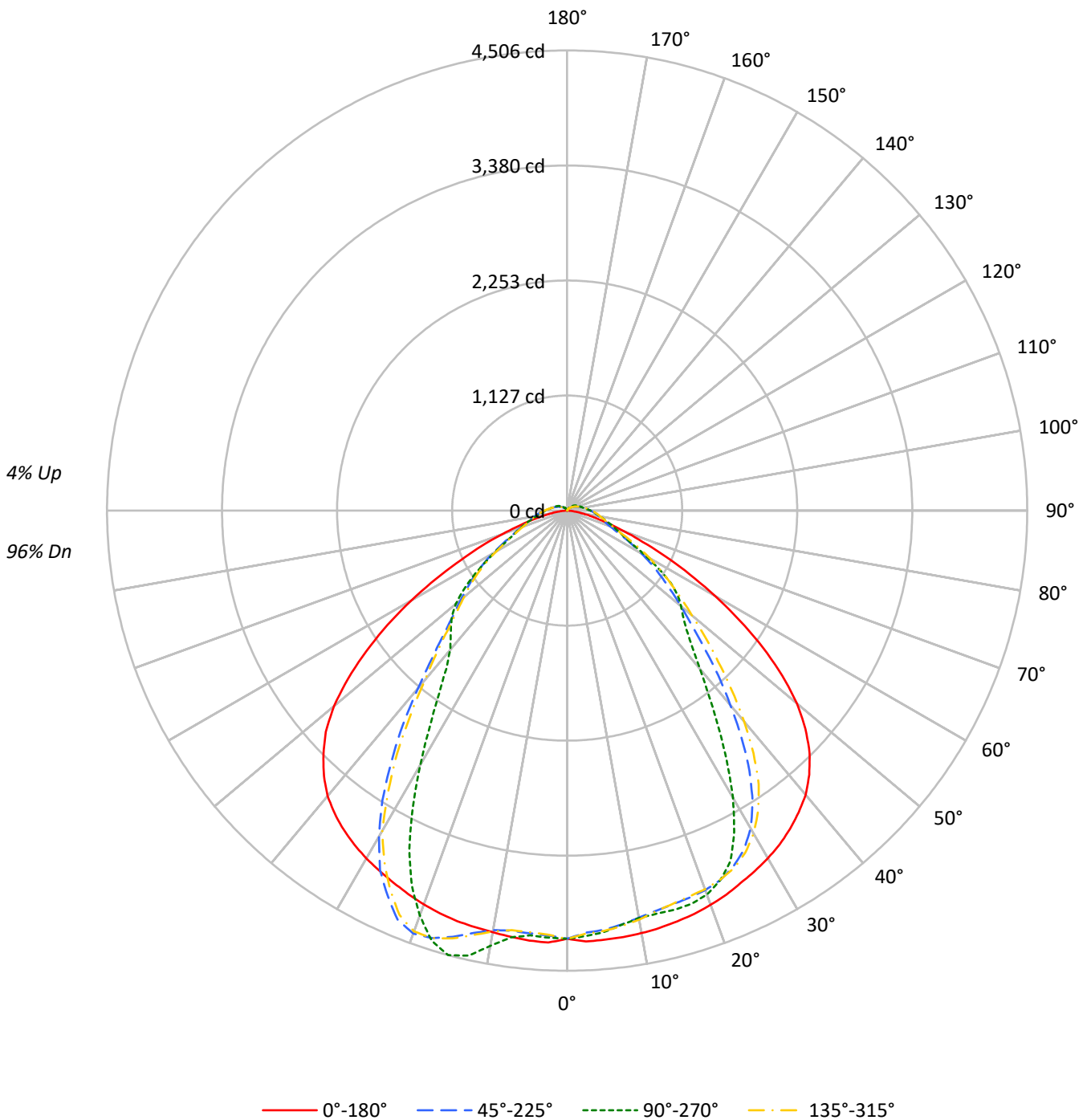
Input Watts (W): 80.8951  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96				
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82				
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71				
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61				
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54				
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47				
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42				
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38				
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34				
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31				
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	135379	135379	135379	135379
5°	136490	99471	136768	100249
10°	137245	77904	136964	83192
15°	138439	65308	138369	72716
20°	140101	55995	139954	59026
25°	141977	47071	141899	45482
30°	144807	36574	144888	32402
35°	147827	26727	148251	22616
40°	150542	19550	151167	17224
45°	150252	15091	151026	14696
50°	144049	12676	146064	12393
55°	128096	10389	131294	9444
60°	104209	7232	109738	6632
65°	77770	5010	83782	4751
70°	53180	3888	59949	3718
75°	35100	3121	40865	2951
80°	23050	2550	27009	2346
85°	12299	2181	16189	1992



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	398.2	4.0
10°-20°	1184.9	11.9
20°-30°	1801.3	18.0
30°-40°	1932.4	19.3
40°-50°	1677.1	16.8
50°-60°	1242.9	12.4
60°-70°	712.1	7.1
70°-80°	394.4	3.9
80°-90°	240.1	2.4
90°-100°	156.2	1.6
100°-110°	104.6	1.0
110°-120°	70.6	0.7
120°-130°	43.3	0.4
130°-140°	22.8	0.2
140°-150°	10.4	0.1
150°-160°	3.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3384.4	33.9
0°-40°	5316.8	53.2
0°-60°	8236.8	82.4
0°-90°	9583.4	95.9
90°-120°	331.4	3.3
90°-150°	407.9	4.1
90°-180°	411.0	4.1
0°-180°	9994.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4192	4192	4192	4192	4192	
5°	4218	4143	4227	4175	4218	402
15°	4164	4047	4162	4506	4164	1178
25°	4024	3785	4021	3658	4024	1860
35°	3805	2577	3816	2181	3805	2382
45°	3359	1652	3376	1609	3359	2571
55°	2343	1239	2402	1126	2343	2078
65°	1063	628	1146	596	1063	1072
75°	303	398	353	377	303	346
85°	41	275	54	251	41	54
90°	0	230	4	212	0	2
95°	2	188	0	180	2	1
105°	2	141	2	134	2	2
115°	2	115	2	104	2	2
125°	2	87	2	72	2	2
135°	2	54	2	46	2	2
145°	2	32	4	26	2	2
155°	4	15	4	13	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°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4222.7	4211.9	4207.5	4198.9	4205.4	4231.3	4214.0	4185.9	4188.0	4138.2	4164.2
5°	4218.4	4205.4	4198.9	4190.2	4194.5	4218.4	4201.0	4172.9	4170.7	4120.9	4144.7
7.5°	4211.9	4198.9	4188.0	4181.5	4183.7	4203.2	4181.5	4149.1	4142.6	4088.4	4110.1
10°	4201.0	4192.4	4177.2	4166.4	4164.2	4185.9	4151.2	4118.7	4103.6	4047.3	4068.9
12.5°	4185.9	4172.9	4157.7	4138.2	4136.1	4149.1	4120.9	4075.4	4060.3	4014.8	4038.6
15°	4164.2	4149.1	4131.7	4110.1	4099.3	4107.9	4073.3	4032.1	4030.0	3991.0	4023.5
17.5°	4140.4	4118.7	4099.3	4068.9	4053.8	4060.3	4032.1	3995.3	3999.6	3975.8	4012.6
20°	4107.9	4084.1	4053.8	4023.5	4001.8	4012.6	3993.1	3965.0	3971.5	3954.2	3986.6
22.5°	4071.1	4038.6	4001.8	3967.2	3949.8	3965.0	3949.8	3926.0	3928.2	3917.4	3936.8
25°	4023.5	3986.6	3943.3	3900.0	3891.4	3902.2	3893.5	3874.0	3865.4	3848.1	3856.7
27.5°	3980.2	3939.0	3884.9	3839.4	3824.2	3845.9	3826.4	3793.9	3770.1	3746.3	3729.0
30°	3930.3	3880.5	3819.9	3767.9	3754.9	3763.6	3735.5	3685.6	3622.8	3592.5	3544.9
32.5°	3876.2	3811.2	3735.5	3677.0	3668.3	3661.8	3609.9	3538.4	3440.9	3380.3	3306.7
35°	3804.7	3733.3	3642.3	3570.9	3557.9	3521.1	3436.6	3341.3	3215.7	3111.8	2986.2
37.5°	3724.6	3640.2	3544.9	3449.6	3412.8	3339.2	3220.1	3120.5	2929.9	2804.3	2652.7
40°	3633.7	3531.9	3415.0	3300.2	3239.6	3120.5	2984.0	2836.8	2652.7	2483.8	2356.0
42.5°	3508.1	3399.8	3261.2	3133.4	3029.5	2871.4	2711.2	2503.3	2334.4	2191.5	2061.5
45°	3358.7	3228.7	3068.5	2914.7	2782.6	2594.2	2405.8	2198.0	2057.2	1890.5	1801.7
47.5°	3165.9	3025.2	2854.1	2683.0	2509.8	2301.9	2104.8	1905.6	1764.9	1645.8	1580.8
50°	2938.6	2808.6	2620.2	2416.7	2226.1	2009.6	1812.5	1663.1	1526.7	1453.0	1403.2
52.5°	2657.0	2535.8	2343.0	2122.2	1938.1	1725.9	1546.2	1424.9	1327.4	1273.3	1256.0
55°	2343.0	2236.9	2046.4	1840.7	1652.3	1457.4	1320.9	1214.8	1152.0	1119.6	1121.7
57.5°	2007.4	1925.1	1745.4	1561.3	1383.7	1236.5	1113.1	1028.6	981.0	978.8	985.3
60°	1671.8	1611.1	1455.2	1297.1	1141.2	1022.1	931.2	872.7	842.4	844.5	842.4
62.5°	1351.3	1295.0	1182.4	1052.4	929.0	848.9	766.6	742.8	716.8	714.6	714.6
65°	1063.3	1019.9	929.0	835.9	742.8	690.8	649.6	621.5	602.0	597.7	599.8
67.5°	799.1	781.7	718.9	656.1	597.7	565.2	530.5	524.0	508.9	508.9	513.2
70°	595.5	582.5	547.9	511.1	487.2	465.6	448.3	448.3	446.1	443.9	454.8
72.5°	430.9	433.1	422.3	394.1	392.0	387.6	383.3	389.8	392.0	398.4	411.4
75°	303.2	309.7	309.7	305.3	314.0	324.8	331.3	342.1	355.1	363.8	379.0
77.5°	214.4	214.4	225.2	238.2	255.5	275.0	292.3	307.5	324.8	335.6	348.6
80°	138.6	145.1	162.4	186.2	210.1	236.0	259.9	279.3	296.7	314.0	322.7
82.5°	82.3	93.1	114.8	145.1	175.4	207.9	231.7	255.5	275.0	292.3	298.8
85°	41.1	56.3	82.3	114.8	147.3	181.9	212.2	233.9	255.5	270.7	279.3
87.5°	13.0	30.3	58.5	88.8	123.4	158.1	190.6	214.4	233.9	246.9	255.5
90°	0.0	15.2	41.1	73.6	106.1	140.8	171.1	197.1	216.5	227.4	233.9
92.5°	0.0	8.7	32.5	60.6	91.0	125.6	155.9	179.7	197.1	207.9	212.2
95°	2.2	6.5	23.8	49.8	80.1	112.6	140.8	162.4	179.7	190.6	192.7
97.5°	2.2	4.3	19.5	41.1	69.3	99.6	127.8	149.4	162.4	173.2	175.4
100°	2.2	4.3	15.2	36.8	60.6	88.8	114.8	134.3	149.4	158.1	160.2
102.5°	2.2	2.2	13.0	30.3	54.1	78.0	101.8	121.3	134.3	142.9	147.3
105°	2.2	2.2	10.8	26.0	47.6	69.3	91.0	110.4	121.3	129.9	134.3
107.5°	2.2	2.2	8.7	21.7	41.1	60.6	82.3	97.4	110.4	119.1	123.4
110°	2.2	2.2	6.5	19.5	34.6	54.1	71.5	86.6	99.6	108.3	112.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.2	2.2	6.5	17.3	30.3	47.6	62.8	78.0	88.8	97.4	103.9
115°	2.2	2.2	6.5	15.2	28.2	41.1	56.3	69.3	80.1	88.8	95.3
117.5°	2.2	2.2	6.5	13.0	23.8	36.8	49.8	62.8	71.5	80.1	86.6
120°	2.2	2.2	4.3	10.8	21.7	32.5	43.3	54.1	65.0	73.6	80.1
122.5°	2.2	2.2	4.3	10.8	17.3	28.2	39.0	47.6	58.5	65.0	71.5
125°	2.2	2.2	4.3	8.7	15.2	26.0	34.6	43.3	49.8	58.5	65.0
127.5°	2.2	2.2	4.3	8.7	13.0	21.7	30.3	39.0	45.5	52.0	56.3
130°	2.2	2.2	4.3	6.5	10.8	17.3	26.0	32.5	41.1	45.5	49.8
132.5°	2.2	2.2	2.2	6.5	8.7	13.0	19.5	28.2	34.6	41.1	43.3
135°	2.2	2.2	2.2	4.3	8.7	10.8	15.2	21.7	28.2	34.6	39.0
137.5°	2.2	2.2	2.2	4.3	6.5	10.8	13.0	17.3	23.8	28.2	34.6
140°	2.2	2.2	2.2	4.3	6.5	8.7	10.8	15.2	19.5	23.8	28.2
142.5°	2.2	2.2	2.2	4.3	4.3	6.5	8.7	13.0	15.2	19.5	23.8
145°	2.2	2.2	2.2	4.3	4.3	6.5	8.7	10.8	13.0	15.2	19.5
147.5°	2.2	2.2	2.2	4.3	4.3	4.3	6.5	8.7	10.8	13.0	15.2
150°	4.3	4.3	4.3	4.3	4.3	4.3	6.5	6.5	8.7	10.8	13.0
152.5°	4.3	4.3	4.3	4.3	4.3	4.3	6.5	6.5	6.5	8.7	10.8
155°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.5	6.5	8.7	8.7
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°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4155.6	4159.9	4185.9	4183.7	4179.4	4175.0	4175.0	4170.7	4175.0	4185.9	4181.5
5°	4133.9	4140.4	4159.9	4157.7	4153.4	4151.2	4149.1	4142.6	4146.9	4162.1	4157.7
7.5°	4094.9	4101.4	4118.7	4110.1	4103.6	4107.9	4097.1	4090.6	4099.3	4114.4	4112.2
10°	4053.8	4058.1	4079.8	4075.4	4064.6	4066.8	4055.9	4051.6	4062.4	4071.1	4073.3
12.5°	4025.6	4040.8	4060.3	4058.1	4055.9	4058.1	4047.3	4043.0	4049.4	4058.1	4055.9
15°	4019.1	4038.6	4060.3	4060.3	4062.4	4064.6	4053.8	4047.3	4053.8	4060.3	4058.1
17.5°	4012.6	4036.5	4055.9	4053.8	4055.9	4060.3	4043.0	4038.6	4047.3	4055.9	4051.6
20°	3991.0	4012.6	4025.6	4021.3	4021.3	4023.5	4001.8	4001.8	4014.8	4021.3	4023.5
22.5°	3930.3	3956.3	3956.3	3945.5	3945.5	3936.8	3930.3	3917.4	3932.5	3943.3	3952.0
25°	3839.4	3850.2	3837.2	3813.4	3800.4	3789.6	3759.3	3785.3	3785.3	3817.7	3828.6
27.5°	3711.6	3687.8	3651.0	3601.2	3590.4	3555.7	3536.2	3542.7	3553.6	3599.0	3633.7
30°	3501.6	3430.1	3367.3	3345.7	3298.0	3263.4	3228.7	3246.1	3265.5	3291.5	3363.0
32.5°	3224.4	3155.1	3053.3	3016.5	2966.7	2923.4	2882.3	2908.2	2942.9	2960.2	3038.2
35°	2906.1	2823.8	2730.7	2667.9	2615.9	2592.1	2540.1	2576.9	2613.7	2626.7	2693.9
37.5°	2568.3	2483.8	2401.5	2347.4	2297.6	2282.4	2247.8	2273.8	2301.9	2321.4	2377.7
40°	2247.8	2169.8	2107.0	2070.2	2035.6	2022.6	2009.6	2020.4	2042.0	2057.2	2100.5
42.5°	1972.8	1910.0	1866.6	1845.0	1821.2	1803.8	1806.0	1810.3	1821.2	1853.7	1873.1
45°	1732.4	1695.6	1667.4	1663.1	1647.9	1645.8	1643.6	1652.3	1658.8	1678.2	1693.4
47.5°	1539.7	1524.5	1518.0	1526.7	1533.2	1524.5	1528.8	1539.7	1552.6	1552.6	1550.5
50°	1388.1	1392.4	1401.1	1420.6	1433.5	1437.9	1442.2	1455.2	1457.4	1461.7	1455.2
52.5°	1264.6	1269.0	1292.8	1323.1	1338.3	1344.8	1353.4	1366.4	1366.4	1370.7	1362.1
55°	1139.0	1145.5	1169.4	1199.7	1212.7	1221.3	1230.0	1238.7	1245.2	1253.8	1247.3
57.5°	1000.5	1019.9	1035.1	1043.8	1052.4	1058.9	1065.4	1067.6	1080.6	1082.7	1093.6
60°	853.2	857.5	872.7	870.5	864.0	881.4	872.7	887.8	903.0	922.5	924.7
62.5°	712.4	714.6	725.4	721.1	729.8	727.6	734.1	734.1	744.9	753.6	764.4
65°	602.0	604.2	612.8	612.8	610.7	617.2	623.7	628.0	628.0	634.5	643.1
67.5°	519.7	526.2	534.9	539.2	543.5	543.5	550.0	552.2	556.5	558.7	563.0
70°	463.4	472.1	480.7	485.1	487.2	491.6	493.7	493.7	498.1	500.2	504.6
72.5°	422.3	430.9	437.4	437.4	441.8	443.9	443.9	446.1	448.3	452.6	456.9
75°	387.6	394.1	398.4	396.3	396.3	396.3	398.4	398.4	402.8	407.1	411.4
77.5°	355.1	361.6	361.6	357.3	357.3	357.3	357.3	359.5	361.6	366.0	370.3
80°	331.3	331.3	329.2	329.2	324.8	322.7	322.7	324.8	324.8	329.2	335.6
82.5°	305.3	305.3	303.2	301.0	298.8	296.7	296.7	298.8	301.0	303.2	307.5
85°	281.5	281.5	277.2	277.2	275.0	275.0	275.0	275.0	277.2	279.3	283.7
87.5°	257.7	255.5	253.4	251.2	251.2	251.2	251.2	251.2	253.4	257.7	259.9
90°	233.9	231.7	229.5	229.5	227.4	227.4	229.5	229.5	231.7	233.9	236.0
92.5°	212.2	210.1	207.9	207.9	205.7	205.7	207.9	205.7	210.1	210.1	212.2
95°	192.7	190.6	188.4	188.4	188.4	188.4	188.4	188.4	190.6	190.6	192.7
97.5°	175.4	173.2	171.1	171.1	173.2	171.1	173.2	173.2	173.2	175.4	177.6
100°	160.2	158.1	158.1	160.2	158.1	158.1	160.2	160.2	160.2	160.2	162.4
102.5°	147.3	147.3	147.3	147.3	147.3	147.3	149.4	149.4	149.4	149.4	151.6
105°	134.3	136.4	136.4	136.4	138.6	138.6	138.6	140.8	140.8	140.8	140.8
107.5°	125.6	127.8	127.8	129.9	129.9	132.1	132.1	132.1	132.1	134.3	134.3
110°	116.9	119.1	121.3	123.4	123.4	125.6	125.6	125.6	125.6	125.6	125.6





TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	108.3	110.4	112.6	116.9	119.1	119.1	119.1	119.1	121.3	121.3	119.1
115°	99.6	103.9	106.1	110.4	112.6	112.6	114.8	114.8	114.8	114.8	112.6
117.5°	91.0	97.4	99.6	103.9	106.1	106.1	108.3	108.3	108.3	108.3	106.1
120°	84.5	88.8	93.1	95.3	97.4	99.6	99.6	101.8	101.8	101.8	99.6
122.5°	78.0	82.3	86.6	88.8	91.0	93.1	93.1	93.1	93.1	93.1	93.1
125°	69.3	73.6	78.0	80.1	82.3	84.5	84.5	86.6	86.6	86.6	84.5
127.5°	62.8	67.1	69.3	73.6	75.8	75.8	78.0	78.0	78.0	78.0	75.8
130°	54.1	58.5	62.8	65.0	67.1	67.1	69.3	69.3	69.3	69.3	69.3
132.5°	47.6	52.0	54.1	58.5	58.5	60.6	60.6	62.8	62.8	62.8	60.6
135°	43.3	45.5	47.6	52.0	52.0	54.1	54.1	54.1	54.1	54.1	54.1
137.5°	39.0	41.1	43.3	45.5	45.5	47.6	47.6	47.6	47.6	49.8	47.6
140°	32.5	36.8	39.0	39.0	41.1	41.1	41.1	43.3	43.3	43.3	41.1
142.5°	28.2	30.3	32.5	34.6	36.8	36.8	36.8	36.8	39.0	36.8	36.8
145°	21.7	26.0	28.2	30.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5
147.5°	17.3	19.5	23.8	26.0	26.0	28.2	28.2	28.2	28.2	28.2	28.2
150°	15.2	15.2	19.5	21.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8
152.5°	10.8	13.0	15.2	17.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5
155°	10.8	10.8	13.0	13.0	15.2	15.2	15.2	15.2	17.3	15.2	15.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4175.0	4172.9	4181.5	4172.9	4129.6	4146.9	4140.4	4164.2	4166.4	4172.9	4194.5
5°	4153.4	4153.4	4164.2	4155.6	4114.4	4131.7	4129.6	4153.4	4157.7	4162.1	4185.9
7.5°	4110.1	4112.2	4127.4	4120.9	4077.6	4103.6	4101.4	4129.6	4138.2	4146.9	4168.5
10°	4068.9	4066.8	4084.1	4077.6	4036.5	4066.8	4064.6	4092.8	4105.7	4120.9	4146.9
12.5°	4047.3	4040.8	4047.3	4040.8	3995.3	4019.1	4021.3	4053.8	4068.9	4088.4	4118.7
15°	4047.3	4036.5	4036.5	4023.5	3971.5	3986.6	3988.8	4010.5	4030.0	4049.4	4086.3
17.5°	4043.0	4032.1	4030.0	4019.1	3962.8	3962.8	3960.7	3975.8	3986.6	4006.1	4045.1
20°	4019.1	4014.8	4012.6	4006.1	3954.2	3945.5	3941.2	3941.2	3947.7	3954.2	3993.1
22.5°	3956.3	3960.7	3965.0	3969.3	3928.2	3913.0	3915.2	3910.9	3904.4	3904.4	3936.8
25°	3839.4	3861.1	3878.4	3897.9	3874.0	3863.2	3876.2	3869.7	3858.9	3850.2	3878.4
27.5°	3653.2	3698.6	3735.5	3783.1	3785.3	3776.6	3811.2	3806.9	3804.7	3791.8	3813.4
30°	3395.5	3466.9	3516.7	3586.0	3644.5	3653.2	3711.6	3720.3	3729.0	3722.5	3744.1
32.5°	3083.6	3181.1	3265.5	3373.8	3430.1	3479.9	3562.2	3596.9	3631.5	3642.3	3666.2
35°	2743.7	2854.1	2953.7	3072.8	3161.6	3269.9	3369.5	3421.5	3499.4	3529.7	3564.4
37.5°	2421.0	2524.9	2622.4	2741.5	2884.4	2997.0	3120.5	3237.4	3343.5	3386.8	3438.8
40°	2135.2	2219.6	2312.7	2416.7	2546.6	2693.9	2828.1	2990.5	3116.1	3202.7	3278.5
42.5°	1918.6	1959.8	2039.9	2133.0	2236.9	2386.4	2522.8	2704.7	2856.3	2979.7	3105.3
45°	1725.9	1745.4	1803.8	1853.7	1959.8	2091.9	2236.9	2414.5	2572.6	2730.7	2882.3
47.5°	1561.3	1585.1	1613.3	1643.6	1719.4	1829.8	1955.4	2115.7	2273.8	2457.8	2631.1
50°	1450.9	1457.4	1461.7	1474.7	1520.2	1596.0	1697.7	1834.2	1985.7	2182.8	2366.9
52.5°	1353.4	1353.4	1340.4	1333.9	1351.3	1398.9	1457.4	1554.8	1710.7	1892.6	2087.5
55°	1249.5	1230.0	1225.7	1204.0	1208.3	1230.0	1258.1	1333.9	1461.7	1617.6	1806.0
57.5°	1104.4	1095.7	1095.7	1087.1	1069.7	1080.6	1087.1	1141.2	1232.2	1366.4	1531.0
60°	937.7	933.3	944.1	946.3	931.2	937.7	935.5	968.0	1032.9	1141.2	1277.6
62.5°	770.9	790.4	792.6	801.2	792.6	790.4	801.2	829.4	861.9	944.1	1050.3
65°	647.5	658.3	660.5	671.3	667.0	667.0	675.6	697.3	716.8	773.1	855.4
67.5°	567.4	563.0	565.2	571.7	565.2	563.0	569.5	582.5	597.7	632.3	690.8
70°	504.6	500.2	500.2	500.2	491.6	485.1	487.2	491.6	498.1	517.5	554.4
72.5°	456.9	456.9	450.4	443.9	437.4	433.1	428.8	424.4	422.3	428.8	448.3
75°	413.6	415.8	413.6	407.1	398.4	389.8	381.1	372.5	361.6	357.3	359.5
77.5°	374.6	376.8	379.0	376.8	368.1	357.3	344.3	331.3	316.2	301.0	292.3
80°	340.0	344.3	346.5	344.3	337.8	329.2	314.0	298.8	277.2	257.7	236.0
82.5°	309.7	316.2	318.3	318.3	314.0	305.3	288.0	270.7	246.9	220.9	192.7
85°	285.8	290.2	294.5	294.5	292.3	283.7	266.4	246.9	223.0	192.7	162.4
87.5°	262.0	264.2	268.5	272.9	268.5	259.9	244.7	223.0	199.2	168.9	134.3
90°	238.2	240.4	244.7	249.0	246.9	238.2	225.2	205.7	179.7	147.3	112.6
92.5°	214.4	218.7	220.9	223.0	225.2	218.7	207.9	188.4	162.4	129.9	97.4
95°	197.1	197.1	201.4	203.6	205.7	199.2	190.6	171.1	147.3	116.9	84.5
97.5°	179.7	179.7	184.1	184.1	186.2	181.9	173.2	155.9	132.1	103.9	71.5
100°	162.4	164.6	166.7	168.9	168.9	166.7	158.1	140.8	119.1	93.1	62.8
102.5°	151.6	151.6	153.7	153.7	155.9	151.6	142.9	127.8	106.1	82.3	54.1
105°	140.8	140.8	142.9	142.9	140.8	136.4	127.8	114.8	95.3	71.5	47.6
107.5°	132.1	132.1	132.1	132.1	129.9	125.6	116.9	101.8	84.5	65.0	43.3
110°	125.6	123.4	123.4	121.3	119.1	112.6	103.9	91.0	75.8	56.3	36.8



TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	119.1	116.9	114.8	112.6	108.3	101.8	93.1	82.3	67.1	49.8	32.5
115°	112.6	110.4	108.3	103.9	99.6	93.1	84.5	73.6	58.5	43.3	28.2
117.5°	106.1	103.9	99.6	95.3	91.0	84.5	75.8	65.0	52.0	39.0	26.0
120°	97.4	95.3	93.1	88.8	84.5	75.8	67.1	58.5	45.5	34.6	21.7
122.5°	91.0	88.8	84.5	82.3	75.8	69.3	60.6	52.0	41.1	30.3	19.5
125°	82.3	80.1	78.0	73.6	69.3	60.6	54.1	45.5	36.8	26.0	15.2
127.5°	75.8	73.6	69.3	65.0	60.6	54.1	47.6	41.1	32.5	21.7	15.2
130°	67.1	65.0	62.8	58.5	54.1	47.6	43.3	34.6	28.2	19.5	13.0
132.5°	58.5	58.5	56.3	52.0	47.6	43.3	36.8	30.3	23.8	17.3	10.8
135°	54.1	52.0	49.8	45.5	43.3	36.8	32.5	26.0	19.5	15.2	8.7
137.5°	47.6	45.5	43.3	41.1	36.8	32.5	28.2	21.7	17.3	13.0	8.7
140°	41.1	39.0	39.0	34.6	32.5	28.2	23.8	19.5	15.2	10.8	6.5
142.5°	36.8	34.6	32.5	30.3	28.2	23.8	19.5	15.2	13.0	8.7	6.5
145°	32.5	30.3	28.2	26.0	23.8	19.5	17.3	13.0	10.8	8.7	6.5
147.5°	26.0	26.0	23.8	21.7	19.5	17.3	15.2	13.0	8.7	6.5	4.3
150°	21.7	21.7	19.5	17.3	17.3	15.2	13.0	10.8	8.7	6.5	4.3
152.5°	19.5	17.3	17.3	15.2	15.2	13.0	10.8	8.7	6.5	6.5	4.3
155°	15.2	15.2	15.2	13.0	13.0	10.8	8.7	8.7	6.5	4.3	4.3
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: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4198.9	4172.9	4194.5	4233.5	4229.2	4224.9	4220.5	4229.2	4257.3	4242.2	4218.4
5°	4192.4	4166.4	4190.2	4227.0	4224.9	4218.4	4214.0	4222.7	4250.8	4235.7	4209.7
7.5°	4179.4	4155.6	4172.9	4209.7	4209.7	4205.4	4201.0	4209.7	4235.7	4222.7	4196.7
10°	4157.7	4140.4	4157.7	4192.4	4194.5	4185.9	4181.5	4192.4	4218.4	4211.9	4190.2
12.5°	4140.4	4123.1	4142.6	4177.2	4179.4	4170.7	4164.2	4177.2	4211.9	4216.2	4209.7
15°	4116.6	4101.4	4125.2	4162.1	4162.1	4155.6	4155.6	4172.9	4220.5	4240.0	4250.8
17.5°	4081.9	4071.1	4099.3	4136.1	4138.2	4133.9	4136.1	4170.7	4233.5	4281.2	4311.5
20°	4038.6	4034.3	4064.6	4103.6	4110.1	4112.2	4123.1	4175.0	4261.7	4326.6	4356.9
22.5°	3986.6	3988.8	4023.5	4064.6	4073.3	4079.8	4101.4	4175.0	4283.3	4352.6	4365.6
25°	3928.2	3934.7	3971.5	4021.3	4032.1	4045.1	4081.9	4177.2	4289.8	4335.3	4313.6
27.5°	3865.4	3878.4	3926.0	3978.0	3991.0	4012.6	4060.3	4164.2	4259.5	4261.7	4181.5
30°	3800.4	3815.6	3871.9	3932.5	3954.2	3975.8	4034.3	4133.9	4185.9	4116.6	3975.8
32.5°	3726.8	3748.4	3804.7	3878.4	3904.4	3932.5	3991.0	4075.4	4055.9	3906.5	3705.1
35°	3633.7	3664.0	3729.0	3815.6	3839.4	3876.2	3917.4	3936.8	3850.2	3638.0	3410.6
37.5°	3518.9	3564.4	3640.2	3739.8	3765.8	3789.6	3800.4	3746.3	3573.0	3343.5	3107.5
40°	3386.8	3456.1	3538.4	3648.8	3674.8	3674.8	3635.8	3521.1	3302.4	3001.4	2739.3
42.5°	3226.6	3311.0	3415.0	3525.4	3551.4	3521.1	3428.0	3226.6	2977.5	2641.9	2364.7
45°	3031.7	3144.3	3261.2	3376.0	3389.0	3321.8	3155.1	2899.6	2592.1	2280.3	2016.1
47.5°	2800.0	2947.2	3075.0	3204.9	3187.6	3075.0	2851.9	2561.8	2236.9	1942.4	1730.2
50°	2540.1	2713.3	2856.3	2979.7	2942.9	2787.0	2524.9	2221.8	1899.1	1647.9	1472.5
52.5°	2262.9	2462.2	2605.1	2704.7	2654.9	2468.6	2180.6	1890.5	1626.3	1396.7	1279.8
55°	1974.9	2176.3	2323.6	2401.5	2336.6	2135.2	1851.5	1587.3	1338.3	1188.8	1119.6
57.5°	1695.6	1884.0	2022.6	2085.4	2003.1	1801.7	1539.7	1316.6	1136.9	1011.3	976.6
60°	1427.1	1580.8	1712.9	1760.5	1671.8	1485.5	1260.3	1082.7	950.6	864.0	846.7
62.5°	1178.0	1303.6	1407.6	1444.4	1357.8	1212.7	1017.8	885.7	792.6	749.3	727.6
65°	972.3	1045.9	1152.0	1145.5	1093.6	959.3	816.4	723.3	662.6	634.5	621.5
67.5°	764.4	831.5	898.7	907.3	842.4	749.3	656.1	589.0	556.5	541.4	534.9
70°	591.2	641.0	682.1	671.3	636.7	578.2	519.7	482.9	469.9	463.4	463.4
72.5°	459.1	485.1	504.6	491.6	469.9	439.6	411.4	396.3	398.4	402.8	407.1
75°	355.1	361.6	366.0	353.0	348.6	329.2	327.0	329.2	342.1	355.1	361.6
77.5°	272.9	264.2	257.7	244.7	246.9	244.7	255.5	272.9	292.3	311.8	329.2
80°	210.1	190.6	175.4	162.4	168.9	179.7	201.4	227.4	253.4	275.0	296.7
82.5°	162.4	134.3	112.6	99.6	112.6	129.9	158.1	190.6	220.9	244.7	268.5
85°	125.6	93.1	67.1	54.1	67.1	93.1	123.4	160.2	192.7	218.7	242.5
87.5°	97.4	67.1	36.8	21.7	36.8	65.0	99.6	134.3	166.7	197.1	220.9
90°	78.0	45.5	17.3	4.3	19.5	45.5	78.0	112.6	145.1	177.6	201.4
92.5°	62.8	32.5	8.7	0.0	10.8	34.6	65.0	97.4	129.9	160.2	184.1
95°	52.0	26.0	6.5	0.0	8.7	26.0	52.0	84.5	114.8	145.1	164.6
97.5°	43.3	19.5	4.3	0.0	4.3	21.7	43.3	71.5	101.8	129.9	149.4
100°	36.8	17.3	4.3	0.0	4.3	17.3	36.8	62.8	88.8	114.8	134.3
102.5°	30.3	13.0	2.2	2.2	2.2	13.0	32.5	54.1	78.0	101.8	121.3
105°	28.2	10.8	2.2	2.2	2.2	10.8	28.2	47.6	69.3	91.0	108.3
107.5°	23.8	8.7	2.2	2.2	2.2	8.7	23.8	41.1	62.8	82.3	97.4
110°	19.5	8.7	2.2	2.2	2.2	8.7	19.5	36.8	54.1	71.5	86.6



TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	17.3	6.5	2.2	2.2	2.2	6.5	17.3	32.5	47.6	65.0	78.0
115°	15.2	6.5	2.2	2.2	2.2	6.5	15.2	28.2	41.1	56.3	69.3
117.5°	13.0	6.5	2.2	2.2	2.2	4.3	13.0	23.8	36.8	49.8	62.8
120°	10.8	4.3	2.2	2.2	2.2	4.3	10.8	21.7	32.5	43.3	54.1
122.5°	10.8	4.3	2.2	2.2	2.2	4.3	8.7	17.3	28.2	36.8	47.6
125°	8.7	4.3	2.2	2.2	2.2	2.2	8.7	15.2	23.8	32.5	41.1
127.5°	8.7	4.3	2.2	2.2	2.2	2.2	6.5	13.0	19.5	28.2	36.8
130°	6.5	4.3	2.2	2.2	2.2	2.2	4.3	10.8	17.3	23.8	30.3
132.5°	6.5	4.3	2.2	2.2	2.2	2.2	4.3	8.7	13.0	19.5	26.0
135°	6.5	2.2	2.2	2.2	2.2	2.2	2.2	6.5	10.8	15.2	19.5
137.5°	4.3	2.2	2.2	2.2	2.2	2.2	2.2	4.3	8.7	10.8	17.3
140°	4.3	2.2	2.2	2.2	2.2	2.2	2.2	4.3	6.5	8.7	13.0
142.5°	4.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3	6.5	10.8
145°	4.3	2.2	2.2	4.3	4.3	2.2	2.2	4.3	4.3	6.5	8.7
147.5°	4.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3	4.3	6.5
150°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.5
152.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
155°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4214.0	4164.2	4190.2	4181.5	4190.2	4211.9	4209.7	4203.2	4207.5	4196.7	4185.9
5°	4205.4	4155.6	4181.5	4170.7	4181.5	4203.2	4198.9	4192.4	4198.9	4185.9	4175.0
7.5°	4194.5	4149.1	4179.4	4177.2	4196.7	4224.9	4227.0	4227.0	4242.2	4222.7	4214.0
10°	4194.5	4170.7	4211.9	4227.0	4276.8	4313.6	4318.0	4326.6	4352.6	4348.3	4326.6
12.5°	4240.0	4235.7	4296.3	4333.1	4378.6	4430.6	4458.7	4467.4	4484.7	4471.7	4463.1
15°	4298.5	4320.1	4387.3	4428.4	4478.2	4517.2	4523.7	4528.0	4541.0	4521.5	4506.4
17.5°	4376.4	4389.4	4443.6	4460.9	4493.4	4499.9	4491.2	4469.5	4469.5	4426.2	4413.2
20°	4413.2	4406.8	4428.4	4400.3	4387.3	4348.3	4311.5	4270.3	4268.2	4222.7	4218.4
22.5°	4380.8	4337.5	4292.0	4222.7	4192.4	4136.1	4086.3	4062.4	4047.3	3988.8	3973.7
25°	4266.0	4159.9	4092.8	4010.5	3936.8	3871.9	3824.2	3774.4	3726.8	3679.1	3657.5
27.5°	4066.8	3967.2	3858.9	3744.1	3642.3	3542.7	3462.6	3412.8	3367.3	3304.5	3272.0
30°	3822.1	3683.5	3564.4	3453.9	3287.2	3165.9	3098.8	2999.2	2964.5	2936.4	2875.8
32.5°	3534.1	3367.3	3204.9	3055.5	2884.4	2771.8	2683.0	2609.4	2587.7	2514.1	2496.8
35°	3215.7	2997.0	2813.0	2665.7	2542.3	2405.8	2332.2	2282.4	2239.1	2189.3	2180.6
37.5°	2841.1	2644.1	2436.2	2306.2	2208.8	2091.9	2035.6	2000.9	1981.4	1944.6	1938.1
40°	2464.3	2267.3	2124.3	1994.4	1933.8	1871.0	1829.8	1814.7	1806.0	1793.0	1780.0
42.5°	2122.2	1948.9	1847.2	1760.5	1734.5	1704.2	1693.4	1702.1	1693.4	1689.1	1686.9
45°	1832.0	1699.9	1628.4	1602.5	1596.0	1587.3	1596.0	1611.1	1613.3	1609.0	1609.0
47.5°	1567.8	1505.0	1474.7	1479.0	1489.8	1496.3	1511.5	1531.0	1535.3	1524.5	1528.8
50°	1394.6	1357.8	1351.3	1368.6	1392.4	1401.1	1418.4	1433.5	1431.4	1427.1	1422.7
52.5°	1232.2	1221.3	1238.7	1256.0	1282.0	1286.3	1292.8	1299.3	1297.1	1288.5	1284.1
55°	1095.7	1104.4	1119.6	1126.0	1145.5	1143.4	1145.5	1145.5	1136.9	1132.5	1126.0
57.5°	972.3	974.5	983.1	985.3	996.1	991.8	989.6	985.3	972.3	970.1	963.6
60°	846.7	842.4	861.9	846.7	855.4	846.7	844.5	833.7	820.7	818.6	814.2
62.5°	727.6	718.9	731.9	725.4	729.8	721.1	716.8	703.8	693.0	690.8	688.6
65°	621.5	617.2	630.2	628.0	632.3	621.5	617.2	608.5	599.8	597.7	595.5
67.5°	532.7	543.5	550.0	550.0	554.4	552.2	541.4	539.2	537.0	528.4	528.4
70°	467.7	474.2	487.2	489.4	487.2	491.6	482.9	480.7	478.6	474.2	472.1
72.5°	415.8	424.4	437.4	439.6	437.4	437.4	433.1	430.9	430.9	424.4	424.4
75°	374.6	385.5	396.3	396.3	396.3	392.0	387.6	387.6	383.3	381.1	376.8
77.5°	340.0	353.0	361.6	359.5	357.3	353.0	353.0	346.5	340.0	340.0	335.6
80°	314.0	322.7	329.2	327.0	324.8	318.3	316.2	309.7	305.3	298.8	298.8
82.5°	285.8	296.7	301.0	298.8	294.5	288.0	285.8	281.5	277.2	275.0	270.7
85°	262.0	272.9	275.0	270.7	266.4	262.0	259.9	257.7	255.5	251.2	251.2
87.5°	238.2	249.0	249.0	246.9	242.5	240.4	238.2	236.0	233.9	231.7	229.5
90°	218.7	227.4	227.4	225.2	223.0	220.9	218.7	216.5	214.4	212.2	212.2
92.5°	199.2	207.9	207.9	205.7	203.6	201.4	201.4	199.2	197.1	194.9	192.7
95°	181.9	190.6	190.6	190.6	188.4	186.2	186.2	184.1	181.9	181.9	179.7
97.5°	164.6	173.2	173.2	173.2	171.1	168.9	168.9	166.7	166.7	166.7	164.6
100°	149.4	155.9	158.1	158.1	155.9	155.9	155.9	153.7	153.7	153.7	151.6
102.5°	134.3	140.8	145.1	145.1	145.1	142.9	142.9	142.9	142.9	142.9	140.8
105°	121.3	127.8	132.1	134.3	134.3	134.3	134.3	134.3	134.3	134.3	134.3
107.5°	110.4	116.9	121.3	123.4	125.6	125.6	127.8	127.8	127.8	127.8	127.8
110°	99.6	106.1	112.6	114.8	116.9	119.1	119.1	121.3	119.1	119.1	119.1



TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	88.8	97.4	101.8	106.1	108.3	110.4	112.6	112.6	112.6	112.6	112.6
115°	80.1	88.8	93.1	97.4	101.8	103.9	103.9	106.1	106.1	106.1	103.9
117.5°	71.5	80.1	84.5	88.8	91.0	95.3	97.4	97.4	97.4	97.4	95.3
120°	65.0	71.5	75.8	80.1	84.5	86.6	88.8	88.8	88.8	88.8	88.8
122.5°	56.3	62.8	69.3	73.6	75.8	78.0	80.1	80.1	80.1	80.1	80.1
125°	49.8	56.3	60.6	65.0	67.1	71.5	71.5	71.5	71.5	71.5	71.5
127.5°	43.3	49.8	54.1	58.5	60.6	62.8	65.0	65.0	65.0	65.0	65.0
130°	36.8	43.3	47.6	52.0	54.1	56.3	56.3	58.5	58.5	58.5	58.5
132.5°	32.5	36.8	41.1	45.5	47.6	49.8	49.8	52.0	52.0	52.0	52.0
135°	26.0	32.5	34.6	39.0	41.1	43.3	43.3	45.5	45.5	45.5	45.5
137.5°	21.7	26.0	30.3	34.6	36.8	36.8	39.0	39.0	41.1	41.1	41.1
140°	17.3	19.5	26.0	28.2	30.3	32.5	34.6	34.6	34.6	34.6	34.6
142.5°	13.0	17.3	19.5	23.8	26.0	28.2	30.3	30.3	30.3	30.3	30.3
145°	10.8	13.0	15.2	19.5	21.7	23.8	26.0	26.0	26.0	26.0	26.0
147.5°	8.7	10.8	13.0	15.2	17.3	19.5	21.7	21.7	21.7	21.7	21.7
150°	6.5	8.7	10.8	10.8	13.0	15.2	17.3	19.5	19.5	19.5	19.5
152.5°	6.5	6.5	8.7	8.7	10.8	13.0	15.2	15.2	15.2	15.2	15.2
155°	4.3	6.5	6.5	6.5	8.7	8.7	10.8	13.0	13.0	13.0	13.0
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: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4192.4	4201.0	4196.7	4190.2	4188.0	4198.9	4188.0	4138.2	4157.7	4159.9	4175.0
5°	4185.9	4192.4	4188.0	4183.7	4177.2	4190.2	4177.2	4125.2	4144.7	4146.9	4162.1
7.5°	4229.2	4231.3	4231.3	4220.5	4203.2	4209.7	4192.4	4133.9	4144.7	4144.7	4155.6
10°	4337.5	4341.8	4348.3	4320.1	4298.5	4281.2	4257.3	4185.9	4183.7	4166.4	4166.4
12.5°	4478.2	4467.4	4456.6	4443.6	4426.2	4404.6	4369.9	4285.5	4257.3	4229.2	4201.0
15°	4519.4	4515.0	4512.9	4506.4	4495.5	4489.0	4463.1	4378.6	4337.5	4302.8	4253.0
17.5°	4411.1	4419.7	4447.9	4450.1	4463.1	4489.0	4484.7	4426.2	4389.4	4374.3	4313.6
20°	4216.2	4218.4	4253.0	4268.2	4324.5	4367.8	4400.3	4393.8	4385.1	4402.4	4356.9
22.5°	3982.3	3997.5	4034.3	4058.1	4112.2	4162.1	4214.0	4242.2	4287.6	4359.1	4350.4
25°	3664.0	3683.5	3735.5	3774.4	3850.2	3926.0	3995.3	4045.1	4099.3	4235.7	4281.2
27.5°	3282.9	3313.2	3380.3	3419.3	3525.4	3603.4	3703.0	3800.4	3876.2	4032.1	4125.2
30°	2882.3	2908.2	2979.7	3033.8	3124.8	3230.9	3356.5	3495.1	3620.7	3778.8	3895.7
32.5°	2507.6	2535.8	2594.2	2641.9	2743.7	2832.4	2971.0	3142.1	3259.0	3477.8	3633.7
35°	2180.6	2206.6	2247.8	2288.9	2373.4	2464.3	2583.4	2750.2	2899.6	3127.0	3324.0
37.5°	1951.1	1955.4	1979.2	2003.1	2065.9	2135.2	2228.3	2375.5	2514.1	2758.8	2975.4
40°	1786.5	1786.5	1799.5	1806.0	1834.2	1875.3	1933.8	2048.5	2163.3	2349.5	2613.7
42.5°	1684.7	1680.4	1680.4	1682.6	1680.4	1699.9	1734.5	1788.7	1890.5	2044.2	2249.9
45°	1609.0	1600.3	1593.8	1578.6	1570.0	1570.0	1572.1	1591.6	1650.1	1749.7	1916.4
47.5°	1524.5	1522.3	1511.5	1494.2	1479.0	1468.2	1450.9	1444.4	1461.7	1518.0	1630.6
50°	1427.1	1416.2	1405.4	1392.4	1375.1	1364.3	1331.8	1333.9	1318.8	1344.8	1403.2
52.5°	1284.1	1275.5	1271.1	1260.3	1253.8	1249.5	1223.5	1197.5	1191.0	1195.3	1217.0
55°	1126.0	1130.4	1113.1	1121.7	1119.6	1100.1	1089.2	1069.7	1063.3	1061.1	1071.9
57.5°	961.5	965.8	955.0	963.6	963.6	952.8	946.3	946.3	931.2	918.2	933.3
60°	812.1	803.4	809.9	820.7	820.7	814.2	809.9	809.9	799.1	794.7	805.6
62.5°	690.8	682.1	688.6	699.4	701.6	697.3	693.0	693.0	680.0	680.0	688.6
65°	597.7	599.8	597.7	606.3	606.3	608.5	604.2	599.8	584.7	591.2	589.0
67.5°	530.5	528.4	528.4	537.0	534.9	539.2	534.9	528.4	517.5	508.9	506.7
70°	474.2	472.1	472.1	476.4	478.6	478.6	476.4	472.1	456.9	448.3	441.8
72.5°	424.4	422.3	424.4	426.6	428.8	430.9	428.8	424.4	411.4	400.6	389.8
75°	379.0	376.8	383.3	383.3	385.5	385.5	387.6	385.5	374.6	361.6	348.6
77.5°	333.5	335.6	342.1	344.3	348.6	350.8	353.0	353.0	342.1	331.3	314.0
80°	296.7	301.0	305.3	307.5	311.8	318.3	320.5	322.7	314.0	303.2	283.7
82.5°	270.7	272.9	277.2	279.3	285.8	288.0	290.2	294.5	290.2	279.3	257.7
85°	249.0	251.2	255.5	255.5	259.9	264.2	266.4	268.5	266.4	255.5	233.9
87.5°	229.5	231.7	233.9	236.0	238.2	240.4	242.5	244.7	242.5	231.7	212.2
90°	212.2	212.2	214.4	214.4	216.5	218.7	223.0	223.0	220.9	212.2	192.7
92.5°	192.7	194.9	194.9	197.1	199.2	201.4	203.6	203.6	201.4	192.7	175.4
95°	179.7	179.7	181.9	181.9	184.1	184.1	186.2	186.2	184.1	175.4	158.1
97.5°	164.6	164.6	164.6	164.6	166.7	166.7	168.9	168.9	166.7	158.1	142.9
100°	151.6	151.6	151.6	151.6	151.6	153.7	153.7	153.7	151.6	142.9	127.8
102.5°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	136.4	129.9	114.8
105°	134.3	134.3	134.3	132.1	132.1	132.1	129.9	129.9	123.4	116.9	103.9
107.5°	125.6	125.6	125.6	123.4	123.4	121.3	119.1	119.1	112.6	106.1	93.1
110°	119.1	119.1	119.1	116.9	114.8	112.6	110.4	108.3	101.8	93.1	82.3





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CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	112.6	112.6	110.4	110.4	108.3	106.1	101.8	99.6	93.1	84.5	73.6
115°	103.9	103.9	103.9	101.8	99.6	97.4	95.3	91.0	84.5	75.8	65.0
117.5°	95.3	95.3	95.3	93.1	91.0	88.8	86.6	82.3	75.8	67.1	58.5
120°	86.6	86.6	86.6	84.5	82.3	80.1	78.0	73.6	67.1	60.6	49.8
122.5°	80.1	80.1	78.0	75.8	73.6	71.5	69.3	65.0	60.6	52.0	43.3
125°	71.5	71.5	69.3	69.3	67.1	65.0	62.8	58.5	52.0	45.5	39.0
127.5°	65.0	62.8	62.8	62.8	60.6	58.5	54.1	52.0	45.5	39.0	32.5
130°	56.3	56.3	56.3	54.1	54.1	52.0	47.6	43.3	39.0	34.6	28.2
132.5°	49.8	49.8	49.8	49.8	47.6	45.5	41.1	39.0	34.6	28.2	23.8
135°	45.5	45.5	43.3	43.3	41.1	39.0	36.8	32.5	28.2	23.8	19.5
137.5°	39.0	39.0	39.0	36.8	36.8	34.6	30.3	28.2	26.0	21.7	17.3
140°	34.6	34.6	32.5	32.5	30.3	30.3	28.2	23.8	21.7	17.3	15.2
142.5°	30.3	30.3	28.2	28.2	26.0	26.0	23.8	21.7	17.3	15.2	10.8
145°	26.0	26.0	23.8	23.8	23.8	21.7	19.5	17.3	15.2	13.0	10.8
147.5°	21.7	21.7	21.7	19.5	19.5	17.3	17.3	15.2	13.0	10.8	8.7
150°	19.5	19.5	17.3	17.3	17.3	15.2	13.0	13.0	10.8	8.7	6.5
152.5°	15.2	15.2	15.2	15.2	13.0	13.0	10.8	10.8	8.7	6.5	6.5
155°	13.0	13.0	13.0	10.8	10.8	10.8	8.7	8.7	6.5	6.5	4.3
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



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CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4	4192.4
2.5°	4168.5	4166.4	4185.9	4183.7	4157.7	4196.7	4222.7
5°	4157.7	4155.6	4172.9	4177.2	4149.1	4190.2	4218.4
7.5°	4149.1	4146.9	4166.4	4172.9	4144.7	4181.5	4211.9
10°	4151.2	4140.4	4157.7	4162.1	4136.1	4175.0	4201.0
12.5°	4166.4	4140.4	4146.9	4146.9	4123.1	4157.7	4185.9
15°	4203.2	4149.1	4140.4	4133.9	4103.6	4136.1	4164.2
17.5°	4244.3	4170.7	4140.4	4118.7	4081.9	4110.1	4140.4
20°	4285.5	4194.5	4144.7	4110.1	4060.3	4086.3	4107.9
22.5°	4305.0	4216.2	4149.1	4097.1	4034.3	4047.3	4071.1
25°	4279.0	4207.5	4140.4	4077.6	4001.8	4004.0	4023.5
27.5°	4183.7	4164.2	4120.9	4058.1	3975.8	3965.0	3980.2
30°	4021.3	4075.4	4077.6	4032.1	3945.5	3923.8	3930.3
32.5°	3793.9	3915.2	3986.6	3978.0	3902.2	3871.9	3876.2
35°	3531.9	3683.5	3839.4	3891.4	3837.2	3813.4	3804.7
37.5°	3217.9	3421.5	3629.3	3757.1	3748.4	3733.3	3724.6
40°	2871.4	3116.1	3363.0	3566.5	3629.3	3629.3	3633.7
42.5°	2501.1	2787.0	3057.7	3315.3	3462.6	3495.1	3508.1
45°	2143.8	2431.8	2726.3	3023.0	3220.1	3321.8	3358.7
47.5°	1819.0	2109.2	2388.5	2713.3	2975.4	3107.5	3165.9
50°	1541.8	1758.4	2052.9	2375.5	2661.4	2823.8	2938.6
52.5°	1312.3	1481.2	1738.9	2039.9	2327.9	2550.9	2657.0
55°	1119.6	1234.3	1453.0	1712.9	1987.9	2219.6	2343.0
57.5°	957.1	1048.1	1197.5	1414.1	1645.8	1875.3	2007.4
60°	814.2	877.0	978.8	1149.9	1346.9	1544.0	1671.8
62.5°	690.8	731.9	799.1	924.7	1078.4	1232.2	1351.3
65°	595.5	612.8	649.6	727.6	844.5	961.5	1063.3
67.5°	502.4	513.2	541.4	589.0	647.5	731.9	799.1
70°	433.1	433.1	435.3	463.4	493.7	547.9	595.5
72.5°	376.8	370.3	357.3	363.8	370.3	400.6	430.9
75°	331.3	316.2	294.5	285.8	281.5	285.8	303.2
77.5°	292.3	270.7	244.7	223.0	205.7	199.2	214.4
80°	259.9	233.9	203.6	175.4	147.3	132.1	138.6
82.5°	233.9	201.4	168.9	136.4	103.9	82.3	82.3
85°	205.7	175.4	140.8	106.1	73.6	45.5	41.1
87.5°	186.2	153.7	116.9	84.5	52.0	23.8	13.0
90°	166.7	134.3	99.6	67.1	36.8	10.8	0.0
92.5°	149.4	119.1	86.6	54.1	26.0	6.5	0.0
95°	134.3	106.1	73.6	45.5	21.7	4.3	2.2
97.5°	119.1	93.1	65.0	36.8	15.2	4.3	2.2
100°	108.3	82.3	56.3	30.3	13.0	2.2	2.2
102.5°	95.3	73.6	47.6	26.0	10.8	2.2	2.2
105°	84.5	65.0	41.1	21.7	8.7	2.2	2.2
107.5°	75.8	56.3	36.8	19.5	8.7	2.2	2.2
110°	67.1	49.8	32.5	17.3	6.5	2.2	2.2



TEST NUMBER: P290253

CATALOG NUMBER: 8SSRK-LC-12-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	60.6	43.3	28.2	15.2	4.3	2.2	2.2
115°	52.0	39.0	23.8	13.0	4.3	2.2	2.2
117.5°	45.5	32.5	21.7	10.8	4.3	2.2	2.2
120°	39.0	28.2	17.3	8.7	2.2	2.2	2.2
122.5°	34.6	23.8	15.2	8.7	2.2	2.2	2.2
125°	30.3	21.7	13.0	6.5	2.2	2.2	2.2
127.5°	26.0	17.3	10.8	4.3	2.2	2.2	2.2
130°	21.7	15.2	8.7	4.3	2.2	2.2	2.2
132.5°	17.3	13.0	8.7	4.3	2.2	2.2	2.2
135°	15.2	10.8	6.5	4.3	2.2	2.2	2.2
137.5°	13.0	8.7	4.3	4.3	4.3	2.2	2.2
140°	10.8	6.5	4.3	4.3	4.3	4.3	2.2
142.5°	8.7	6.5	4.3	4.3	4.3	4.3	2.2
145°	6.5	4.3	4.3	4.3	4.3	4.3	2.2
147.5°	6.5	4.3	4.3	4.3	4.3	4.3	2.2
150°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
152.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
155°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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)