

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: P290245

Luminaire Tested: **8SSRK-LC-10-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: P290245
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-L935-CD1-U
Description: 10000 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: 9000.4 lumens
Efficiency: N/A
Efficacy: 125.2 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

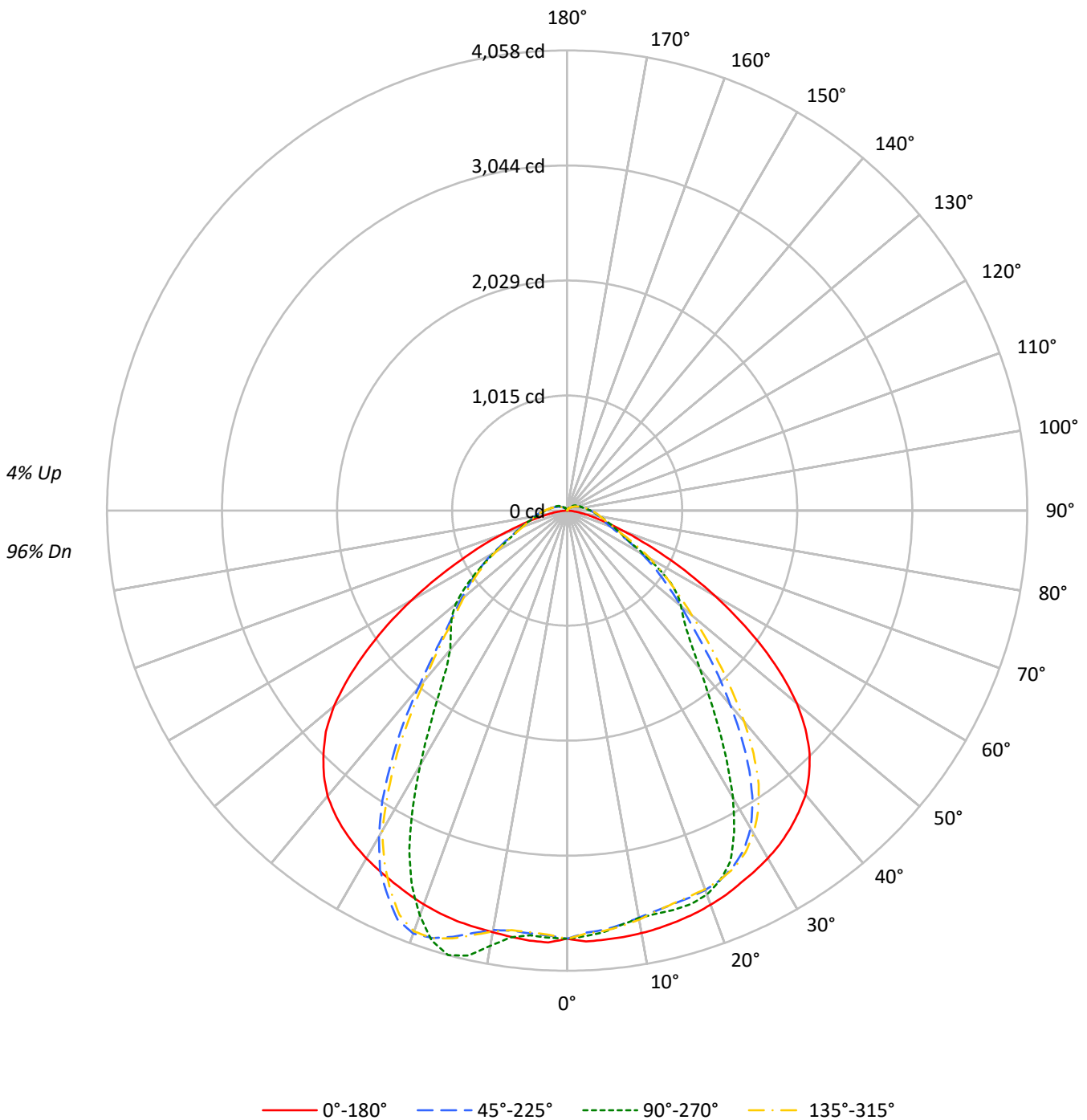
Input Watts (W): 71.9151
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	121913	121913	121913	121913
5°	122913	89576	123166	90280
10°	123596	70155	123341	74918
15°	124669	58811	124606	65482
20°	126166	50426	126033	53155
25°	127855	42389	127784	40958
30°	130405	32936	130479	29178
35°	133125	24068	133506	20367
40°	135569	17605	136133	15511
45°	135306	13590	136004	13233
50°	129720	11416	131534	11161
55°	115358	9356	118233	8504
60°	93843	6513	98824	5973
65°	70032	4511	75452	4278
70°	47893	3501	53983	3347
75°	31604	2810	36801	2658
80°	20755	2297	24331	2113
85°	11102	1964	14603	1794



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.6	4.0
10°-20°	1067.0	11.9
20°-30°	1622.2	18.0
30°-40°	1740.2	19.3
40°-50°	1510.3	16.8
50°-60°	1119.3	12.4
60°-70°	641.3	7.1
70°-80°	355.1	3.9
80°-90°	216.3	2.4
90°-100°	140.6	1.6
100°-110°	94.2	1.0
110°-120°	63.6	0.7
120°-130°	39.0	0.4
130°-140°	20.5	0.2
140°-150°	9.4	0.1
150°-160°	2.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3047.8	33.9
0°-40°	4788.0	53.2
0°-60°	7417.5	82.4
0°-90°	8630.2	95.9
90°-120°	298.5	3.3
90°-150°	367.4	4.1
90°-180°	370.0	4.1
0°-180°	9000.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3775	3775	3775	3775	3775	
5°	3799	3730	3807	3760	3799	362
15°	3750	3645	3748	4058	3750	1061
25°	3623	3409	3621	3294	3623	1675
35°	3426	2321	3436	1964	3426	2145
45°	3025	1488	3040	1449	3025	2316
55°	2110	1116	2163	1014	2110	1871
65°	958	566	1032	536	958	965
75°	273	359	318	339	273	312
85°	37	248	49	226	37	49
90°	0	207	4	191	0	2
95°	2	170	0	162	2	1
105°	2	127	2	121	2	2
115°	2	103	2	94	2	2
125°	2	78	2	64	2	2
135°	2	49	2	41	2	2
145°	2	29	4	23	2	1
155°	4	14	4	12	4	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3802.7	3792.9	3789.0	3781.2	3787.1	3810.5	3794.9	3769.5	3771.5	3726.6	3750.0
5°	3798.8	3787.1	3781.2	3773.4	3777.3	3798.8	3783.2	3757.8	3755.9	3711.0	3732.5
7.5°	3792.9	3781.2	3771.5	3765.6	3767.6	3785.1	3765.6	3736.4	3730.5	3681.8	3701.3
10°	3783.2	3775.4	3761.7	3752.0	3750.0	3769.5	3738.3	3709.1	3695.4	3644.7	3664.2
12.5°	3769.5	3757.8	3744.2	3726.6	3724.7	3736.4	3711.0	3670.1	3656.4	3615.5	3636.9
15°	3750.0	3736.4	3720.8	3701.3	3691.5	3699.3	3668.1	3631.1	3629.1	3594.0	3623.3
17.5°	3728.6	3709.1	3691.5	3664.2	3650.6	3656.4	3631.1	3597.9	3601.8	3580.4	3613.5
20°	3699.3	3677.9	3650.6	3623.3	3603.8	3613.5	3596.0	3570.6	3576.5	3560.9	3590.1
22.5°	3666.2	3636.9	3603.8	3572.6	3557.0	3570.6	3557.0	3535.5	3537.5	3527.7	3545.3
25°	3623.3	3590.1	3551.1	3512.1	3504.3	3514.1	3506.3	3488.7	3480.9	3465.3	3473.1
27.5°	3584.3	3547.2	3498.5	3457.5	3443.9	3463.4	3445.8	3416.6	3395.1	3373.7	3358.1
30°	3539.4	3494.6	3440.0	3393.2	3381.5	3389.3	3363.9	3319.1	3262.5	3235.2	3192.3
32.5°	3490.7	3432.2	3363.9	3311.3	3303.5	3297.6	3250.8	3186.4	3098.7	3044.1	2977.8
35°	3426.3	3362.0	3280.1	3215.7	3204.0	3170.8	3094.8	3009.0	2895.9	2802.3	2689.2
37.5°	3354.2	3278.1	3192.3	3106.5	3073.3	3007.0	2899.8	2810.1	2638.5	2525.4	2388.9
40°	3272.3	3180.6	3075.3	2971.9	2917.3	2810.1	2687.2	2554.6	2388.9	2236.8	2121.7
42.5°	3159.1	3061.6	2936.8	2821.8	2728.2	2585.8	2441.5	2254.3	2102.2	1973.5	1856.5
45°	3024.6	2907.6	2763.3	2624.8	2505.9	2336.2	2166.5	1979.3	1852.6	1702.4	1622.5
47.5°	2851.0	2724.3	2570.2	2416.2	2260.2	2072.9	1895.5	1716.1	1589.3	1482.1	1423.6
50°	2646.3	2529.3	2359.6	2176.3	2004.7	1809.7	1632.2	1497.7	1374.8	1308.5	1263.7
52.5°	2392.8	2283.6	2110.0	1911.1	1745.3	1554.2	1392.4	1283.2	1195.4	1146.7	1131.1
55°	2110.0	2014.4	1842.8	1657.6	1487.9	1312.4	1189.6	1094.0	1037.4	1008.2	1010.1
57.5°	1807.7	1733.6	1571.8	1406.0	1246.1	1113.5	1002.3	926.3	883.4	881.4	887.3
60°	1505.5	1450.9	1310.5	1168.1	1027.7	920.4	838.5	785.9	758.6	760.5	758.6
62.5°	1216.9	1166.2	1064.7	947.7	836.6	764.4	690.3	668.9	645.5	643.5	643.5
65°	957.5	918.5	836.6	752.7	668.9	622.1	585.0	559.7	542.1	538.2	540.2
67.5°	719.6	704.0	647.4	590.9	538.2	509.0	477.8	471.9	458.3	458.3	462.2
70°	536.3	524.6	493.4	460.2	438.8	419.3	403.7	403.7	401.7	399.8	409.5
72.5°	388.1	390.0	380.3	354.9	353.0	349.1	345.2	351.0	353.0	358.8	370.5
75°	273.0	278.9	278.9	275.0	282.8	292.5	298.4	308.1	319.8	327.6	341.3
77.5°	193.1	193.1	202.8	214.5	230.1	247.7	263.3	276.9	292.5	302.3	314.0
80°	124.8	130.7	146.3	167.7	189.2	212.6	234.0	251.6	267.2	282.8	290.6
82.5°	74.1	83.9	103.4	130.7	158.0	187.2	208.7	230.1	247.7	263.3	269.1
85°	37.1	50.7	74.1	103.4	132.6	163.8	191.1	210.6	230.1	243.8	251.6
87.5°	11.7	27.3	52.7	80.0	111.2	142.4	171.6	193.1	210.6	222.3	230.1
90°	0.0	13.7	37.1	66.3	95.6	126.8	154.1	177.5	195.0	204.8	210.6
92.5°	0.0	7.8	29.3	54.6	81.9	113.1	140.4	161.9	177.5	187.2	191.1
95°	2.0	5.9	21.5	44.9	72.2	101.4	126.8	146.3	161.9	171.6	173.6
97.5°	2.0	3.9	17.6	37.1	62.4	89.7	115.1	134.6	146.3	156.0	158.0
100°	2.0	3.9	13.7	33.2	54.6	80.0	103.4	120.9	134.6	142.4	144.3
102.5°	2.0	2.0	11.7	27.3	48.8	70.2	91.7	109.2	120.9	128.7	132.6
105°	2.0	2.0	9.8	23.4	42.9	62.4	81.9	99.5	109.2	117.0	120.9
107.5°	2.0	2.0	7.8	19.5	37.1	54.6	74.1	87.8	99.5	107.3	111.2
110°	2.0	2.0	5.9	17.6	31.2	48.8	64.4	78.0	89.7	97.5	101.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.0	2.0	5.9	15.6	27.3	42.9	56.6	70.2	80.0	87.8	93.6
115°	2.0	2.0	5.9	13.7	25.4	37.1	50.7	62.4	72.2	80.0	85.8
117.5°	2.0	2.0	5.9	11.7	21.5	33.2	44.9	56.6	64.4	72.2	78.0
120°	2.0	2.0	3.9	9.8	19.5	29.3	39.0	48.8	58.5	66.3	72.2
122.5°	2.0	2.0	3.9	9.8	15.6	25.4	35.1	42.9	52.7	58.5	64.4
125°	2.0	2.0	3.9	7.8	13.7	23.4	31.2	39.0	44.9	52.7	58.5
127.5°	2.0	2.0	3.9	7.8	11.7	19.5	27.3	35.1	41.0	46.8	50.7
130°	2.0	2.0	3.9	5.9	9.8	15.6	23.4	29.3	37.1	41.0	44.9
132.5°	2.0	2.0	2.0	5.9	7.8	11.7	17.6	25.4	31.2	37.1	39.0
135°	2.0	2.0	2.0	3.9	7.8	9.8	13.7	19.5	25.4	31.2	35.1
137.5°	2.0	2.0	2.0	3.9	5.9	9.8	11.7	15.6	21.5	25.4	31.2
140°	2.0	2.0	2.0	3.9	5.9	7.8	9.8	13.7	17.6	21.5	25.4
142.5°	2.0	2.0	2.0	3.9	3.9	5.9	7.8	11.7	13.7	17.6	21.5
145°	2.0	2.0	2.0	3.9	3.9	5.9	7.8	9.8	11.7	13.7	17.6
147.5°	2.0	2.0	2.0	3.9	3.9	3.9	5.9	7.8	9.8	11.7	13.7
150°	3.9	3.9	3.9	3.9	3.9	3.9	5.9	5.9	7.8	9.8	11.7
152.5°	3.9	3.9	3.9	3.9	3.9	3.9	5.9	5.9	5.9	7.8	9.8
155°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.9	5.9	7.8	7.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3742.2	3746.1	3769.5	3767.6	3763.7	3759.8	3759.8	3755.9	3759.8	3769.5	3765.6
5°	3722.7	3728.6	3746.1	3744.2	3740.3	3738.3	3736.4	3730.5	3734.4	3748.1	3744.2
7.5°	3687.6	3693.5	3709.1	3701.3	3695.4	3699.3	3689.6	3683.7	3691.5	3705.2	3703.2
10°	3650.6	3654.5	3674.0	3670.1	3660.3	3662.3	3652.5	3648.6	3658.4	3666.2	3668.1
12.5°	3625.2	3638.9	3656.4	3654.5	3652.5	3654.5	3644.7	3640.8	3646.7	3654.5	3652.5
15°	3619.4	3636.9	3656.4	3656.4	3658.4	3660.3	3650.6	3644.7	3650.6	3656.4	3654.5
17.5°	3613.5	3635.0	3652.5	3650.6	3652.5	3656.4	3640.8	3636.9	3644.7	3652.5	3648.6
20°	3594.0	3613.5	3625.2	3621.3	3621.3	3623.3	3603.8	3603.8	3615.5	3621.3	3623.3
22.5°	3539.4	3562.8	3562.8	3553.1	3553.1	3545.3	3539.4	3527.7	3541.4	3551.1	3558.9
25°	3457.5	3467.3	3455.6	3434.1	3422.4	3412.7	3385.4	3408.8	3408.8	3438.0	3447.8
27.5°	3342.5	3321.0	3287.9	3243.0	3233.2	3202.0	3184.5	3190.3	3200.1	3241.0	3272.3
30°	3153.3	3088.9	3032.4	3012.9	2970.0	2938.8	2907.6	2923.2	2940.7	2964.1	3028.5
32.5°	2903.7	2841.3	2749.6	2716.5	2671.6	2632.6	2595.6	2619.0	2650.2	2665.8	2736.0
35°	2617.0	2542.9	2459.1	2402.5	2355.7	2334.3	2287.5	2320.6	2353.8	2365.5	2425.9
37.5°	2312.8	2236.8	2162.6	2113.9	2069.0	2055.4	2024.2	2047.6	2072.9	2090.5	2141.2
40°	2024.2	1954.0	1897.4	1864.3	1833.1	1821.4	1809.7	1819.4	1838.9	1852.6	1891.6
42.5°	1776.5	1720.0	1681.0	1661.5	1640.0	1624.4	1626.4	1630.3	1640.0	1669.3	1686.8
45°	1560.1	1526.9	1501.6	1497.7	1484.0	1482.1	1480.1	1487.9	1493.8	1511.3	1525.0
47.5°	1386.5	1372.9	1367.0	1374.8	1380.7	1372.9	1376.8	1386.5	1398.2	1398.2	1396.3
50°	1250.0	1253.9	1261.7	1279.3	1291.0	1294.9	1298.8	1310.5	1312.4	1316.3	1310.5
52.5°	1138.9	1142.8	1164.2	1191.5	1205.2	1211.0	1218.8	1230.5	1230.5	1234.4	1226.6
55°	1025.7	1031.6	1053.0	1080.3	1092.1	1099.9	1107.7	1115.5	1121.3	1129.1	1123.3
57.5°	900.9	918.5	932.1	939.9	947.7	953.6	959.4	961.4	973.1	975.0	984.8
60°	768.3	772.2	785.9	783.9	778.1	793.7	785.9	799.5	813.2	830.7	832.7
62.5°	641.6	643.5	653.3	649.4	657.2	655.2	661.1	661.1	670.8	678.6	688.4
65°	542.1	544.1	551.9	551.9	549.9	555.8	561.6	565.5	565.5	571.4	579.2
67.5°	468.0	473.9	481.7	485.6	489.5	489.5	495.3	497.3	501.2	503.1	507.0
70°	417.3	425.1	432.9	436.8	438.8	442.7	444.6	444.6	448.5	450.5	454.4
72.5°	380.3	388.1	393.9	393.9	397.8	399.8	399.8	401.7	403.7	407.6	411.5
75°	349.1	354.9	358.8	356.9	356.9	356.9	358.8	358.8	362.7	366.6	370.5
77.5°	319.8	325.7	325.7	321.8	321.8	321.8	321.8	323.7	325.7	329.6	333.5
80°	298.4	298.4	296.4	296.4	292.5	290.6	290.6	292.5	292.5	296.4	302.3
82.5°	275.0	275.0	273.0	271.1	269.1	267.2	267.2	269.1	271.1	273.0	276.9
85°	253.5	253.5	249.6	249.6	247.7	247.7	247.7	247.7	249.6	251.6	255.5
87.5°	232.1	230.1	228.2	226.2	226.2	226.2	226.2	226.2	228.2	232.1	234.0
90°	210.6	208.7	206.7	206.7	204.8	204.8	206.7	206.7	208.7	210.6	212.6
92.5°	191.1	189.2	187.2	187.2	185.3	185.3	187.2	185.3	189.2	189.2	191.1
95°	173.6	171.6	169.7	169.7	169.7	169.7	169.7	169.7	171.6	171.6	173.6
97.5°	158.0	156.0	154.1	154.1	156.0	154.1	156.0	156.0	156.0	158.0	159.9
100°	144.3	142.4	142.4	144.3	142.4	142.4	144.3	144.3	144.3	144.3	146.3
102.5°	132.6	132.6	132.6	132.6	132.6	132.6	134.6	134.6	134.6	134.6	136.5
105°	120.9	122.9	122.9	122.9	124.8	124.8	124.8	126.8	126.8	126.8	126.8
107.5°	113.1	115.1	115.1	117.0	117.0	119.0	119.0	119.0	119.0	120.9	120.9
110°	105.3	107.3	109.2	111.2	111.2	113.1	113.1	113.1	113.1	113.1	113.1



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	97.5	99.5	101.4	105.3	107.3	107.3	107.3	107.3	109.2	109.2	107.3
115°	89.7	93.6	95.6	99.5	101.4	101.4	103.4	103.4	103.4	103.4	101.4
117.5°	81.9	87.8	89.7	93.6	95.6	95.6	97.5	97.5	97.5	97.5	95.6
120°	76.1	80.0	83.9	85.8	87.8	89.7	89.7	91.7	91.7	91.7	89.7
122.5°	70.2	74.1	78.0	80.0	81.9	83.9	83.9	83.9	83.9	83.9	83.9
125°	62.4	66.3	70.2	72.2	74.1	76.1	76.1	78.0	78.0	78.0	76.1
127.5°	56.6	60.5	62.4	66.3	68.3	68.3	70.2	70.2	70.2	70.2	68.3
130°	48.8	52.7	56.6	58.5	60.5	60.5	62.4	62.4	62.4	62.4	62.4
132.5°	42.9	46.8	48.8	52.7	52.7	54.6	54.6	56.6	56.6	56.6	54.6
135°	39.0	41.0	42.9	46.8	46.8	48.8	48.8	48.8	48.8	48.8	48.8
137.5°	35.1	37.1	39.0	41.0	41.0	42.9	42.9	42.9	42.9	44.9	42.9
140°	29.3	33.2	35.1	35.1	37.1	37.1	37.1	39.0	39.0	39.0	37.1
142.5°	25.4	27.3	29.3	31.2	33.2	33.2	33.2	33.2	35.1	33.2	33.2
145°	19.5	23.4	25.4	27.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
147.5°	15.6	17.6	21.5	23.4	23.4	25.4	25.4	25.4	25.4	25.4	25.4
150°	13.7	13.7	17.6	19.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
152.5°	9.8	11.7	13.7	15.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
155°	9.8	9.8	11.7	11.7	13.7	13.7	13.7	13.7	15.6	13.7	13.7
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



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3759.8	3757.8	3765.6	3757.8	3718.8	3734.4	3728.6	3750.0	3752.0	3757.8	3777.3
5°	3740.3	3740.3	3750.0	3742.2	3705.2	3720.8	3718.8	3740.3	3744.2	3748.1	3769.5
7.5°	3701.3	3703.2	3716.9	3711.0	3672.0	3695.4	3693.5	3718.8	3726.6	3734.4	3753.9
10°	3664.2	3662.3	3677.9	3672.0	3635.0	3662.3	3660.3	3685.7	3697.4	3711.0	3734.4
12.5°	3644.7	3638.9	3644.7	3638.9	3597.9	3619.4	3621.3	3650.6	3664.2	3681.8	3709.1
15°	3644.7	3635.0	3635.0	3623.3	3576.5	3590.1	3592.1	3611.6	3629.1	3646.7	3679.8
17.5°	3640.8	3631.1	3629.1	3619.4	3568.7	3568.7	3566.7	3580.4	3590.1	3607.7	3642.8
20°	3619.4	3615.5	3613.5	3607.7	3560.9	3553.1	3549.2	3549.2	3555.0	3560.9	3596.0
22.5°	3562.8	3566.7	3570.6	3574.5	3537.5	3523.8	3525.8	3521.9	3516.0	3516.0	3545.3
25°	3457.5	3477.0	3492.6	3510.2	3488.7	3479.0	3490.7	3484.8	3475.1	3467.3	3492.6
27.5°	3289.8	3330.8	3363.9	3406.8	3408.8	3401.0	3432.2	3428.3	3426.3	3414.6	3434.1
30°	3057.7	3122.1	3166.9	3229.3	3282.0	3289.8	3342.5	3350.3	3358.1	3352.2	3371.7
32.5°	2776.9	2864.7	2940.7	3038.2	3088.9	3133.8	3207.9	3239.1	3270.3	3280.1	3301.5
35°	2470.8	2570.2	2659.9	2767.2	2847.1	2944.6	3034.3	3081.1	3151.3	3178.6	3209.8
37.5°	2180.2	2273.8	2361.6	2468.8	2597.5	2698.9	2810.1	2915.4	3010.9	3049.9	3096.7
40°	1922.8	1998.8	2082.7	2176.3	2293.3	2425.9	2546.8	2693.1	2806.2	2884.2	2952.4
42.5°	1727.8	1764.8	1837.0	1920.8	2014.4	2149.0	2271.9	2435.7	2572.2	2683.3	2796.4
45°	1554.2	1571.8	1624.4	1669.3	1764.8	1883.8	2014.4	2174.4	2316.7	2459.1	2595.6
47.5°	1406.0	1427.5	1452.8	1480.1	1548.4	1647.8	1760.9	1905.2	2047.6	2213.4	2369.4
50°	1306.6	1312.4	1316.3	1328.0	1369.0	1437.2	1528.9	1651.7	1788.2	1965.7	2131.4
52.5°	1218.8	1218.8	1207.1	1201.3	1216.9	1259.8	1312.4	1400.2	1540.6	1704.4	1879.9
55°	1125.2	1107.7	1103.8	1084.2	1088.2	1107.7	1133.0	1201.3	1316.3	1456.7	1626.4
57.5°	994.5	986.7	986.7	978.9	963.3	973.1	978.9	1027.7	1109.6	1230.5	1378.7
60°	844.4	840.5	850.2	852.2	838.5	844.4	842.4	871.7	930.2	1027.7	1150.6
62.5°	694.2	711.8	713.7	721.5	713.7	711.8	721.5	746.9	776.1	850.2	945.8
65°	583.1	592.8	594.8	604.5	600.6	600.6	608.4	627.9	645.5	696.2	770.3
67.5°	510.9	507.0	509.0	514.8	509.0	507.0	512.9	524.6	538.2	569.4	622.1
70°	454.4	450.5	450.5	450.5	442.7	436.8	438.8	442.7	448.5	466.1	499.2
72.5°	411.5	411.5	405.6	399.8	393.9	390.0	386.1	382.2	380.3	386.1	403.7
75°	372.5	374.4	372.5	366.6	358.8	351.0	343.2	335.4	325.7	321.8	323.7
77.5°	337.4	339.3	341.3	339.3	331.5	321.8	310.1	298.4	284.7	271.1	263.3
80°	306.2	310.1	312.0	310.1	304.2	296.4	282.8	269.1	249.6	232.1	212.6
82.5°	278.9	284.7	286.7	286.7	282.8	275.0	259.4	243.8	222.3	198.9	173.6
85°	257.4	261.3	265.2	265.2	263.3	255.5	239.9	222.3	200.9	173.6	146.3
87.5°	236.0	237.9	241.8	245.7	241.8	234.0	220.4	200.9	179.4	152.1	120.9
90°	214.5	216.5	220.4	224.3	222.3	214.5	202.8	185.3	161.9	132.6	101.4
92.5°	193.1	197.0	198.9	200.9	202.8	197.0	187.2	169.7	146.3	117.0	87.8
95°	177.5	177.5	181.4	183.3	185.3	179.4	171.6	154.1	132.6	105.3	76.1
97.5°	161.9	161.9	165.8	165.8	167.7	163.8	156.0	140.4	119.0	93.6	64.4
100°	146.3	148.2	150.2	152.1	152.1	150.2	142.4	126.8	107.3	83.9	56.6
102.5°	136.5	136.5	138.5	138.5	140.4	136.5	128.7	115.1	95.6	74.1	48.8
105°	126.8	126.8	128.7	128.7	126.8	122.9	115.1	103.4	85.8	64.4	42.9
107.5°	119.0	119.0	119.0	119.0	117.0	113.1	105.3	91.7	76.1	58.5	39.0
110°	113.1	111.2	111.2	109.2	107.3	101.4	93.6	81.9	68.3	50.7	33.2



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	107.3	105.3	103.4	101.4	97.5	91.7	83.9	74.1	60.5	44.9	29.3
115°	101.4	99.5	97.5	93.6	89.7	83.9	76.1	66.3	52.7	39.0	25.4
117.5°	95.6	93.6	89.7	85.8	81.9	76.1	68.3	58.5	46.8	35.1	23.4
120°	87.8	85.8	83.9	80.0	76.1	68.3	60.5	52.7	41.0	31.2	19.5
122.5°	81.9	80.0	76.1	74.1	68.3	62.4	54.6	46.8	37.1	27.3	17.6
125°	74.1	72.2	70.2	66.3	62.4	54.6	48.8	41.0	33.2	23.4	13.7
127.5°	68.3	66.3	62.4	58.5	54.6	48.8	42.9	37.1	29.3	19.5	13.7
130°	60.5	58.5	56.6	52.7	48.8	42.9	39.0	31.2	25.4	17.6	11.7
132.5°	52.7	52.7	50.7	46.8	42.9	39.0	33.2	27.3	21.5	15.6	9.8
135°	48.8	46.8	44.9	41.0	39.0	33.2	29.3	23.4	17.6	13.7	7.8
137.5°	42.9	41.0	39.0	37.1	33.2	29.3	25.4	19.5	15.6	11.7	7.8
140°	37.1	35.1	35.1	31.2	29.3	25.4	21.5	17.6	13.7	9.8	5.9
142.5°	33.2	31.2	29.3	27.3	25.4	21.5	17.6	13.7	11.7	7.8	5.9
145°	29.3	27.3	25.4	23.4	21.5	17.6	15.6	11.7	9.8	7.8	5.9
147.5°	23.4	23.4	21.5	19.5	17.6	15.6	13.7	11.7	7.8	5.9	3.9
150°	19.5	19.5	17.6	15.6	15.6	13.7	11.7	9.8	7.8	5.9	3.9
152.5°	17.6	15.6	15.6	13.7	13.7	11.7	9.8	7.8	5.9	5.9	3.9
155°	13.7	13.7	13.7	11.7	11.7	9.8	7.8	7.8	5.9	3.9	3.9
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



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3781.2	3757.8	3777.3	3812.4	3808.5	3804.6	3800.7	3808.5	3833.9	3820.2	3798.8
5°	3775.4	3752.0	3773.4	3806.6	3804.6	3798.8	3794.9	3802.7	3828.0	3814.4	3791.0
7.5°	3763.7	3742.2	3757.8	3791.0	3791.0	3787.1	3783.2	3791.0	3814.4	3802.7	3779.3
10°	3744.2	3728.6	3744.2	3775.4	3777.3	3769.5	3765.6	3775.4	3798.8	3792.9	3773.4
12.5°	3728.6	3713.0	3730.5	3761.7	3763.7	3755.9	3750.0	3761.7	3792.9	3796.8	3791.0
15°	3707.1	3693.5	3714.9	3748.1	3748.1	3742.2	3742.2	3757.8	3800.7	3818.3	3828.0
17.5°	3675.9	3666.2	3691.5	3724.7	3726.6	3722.7	3724.7	3755.9	3812.4	3855.3	3882.6
20°	3636.9	3633.0	3660.3	3695.4	3701.3	3703.2	3713.0	3759.8	3837.8	3896.3	3923.6
22.5°	3590.1	3592.1	3623.3	3660.3	3668.1	3674.0	3693.5	3759.8	3857.3	3919.7	3931.4
25°	3537.5	3543.3	3576.5	3621.3	3631.1	3642.8	3675.9	3761.7	3863.1	3904.1	3884.6
27.5°	3480.9	3492.6	3535.5	3582.3	3594.0	3613.5	3656.4	3750.0	3835.8	3837.8	3765.6
30°	3422.4	3436.1	3486.8	3541.4	3560.9	3580.4	3633.0	3722.7	3769.5	3707.1	3580.4
32.5°	3356.1	3375.6	3426.3	3492.6	3516.0	3541.4	3594.0	3670.1	3652.5	3518.0	3336.6
35°	3272.3	3299.6	3358.1	3436.1	3457.5	3490.7	3527.7	3545.3	3467.3	3276.2	3071.4
37.5°	3168.9	3209.8	3278.1	3367.8	3391.2	3412.7	3422.4	3373.7	3217.6	3010.9	2798.4
40°	3049.9	3112.3	3186.4	3285.9	3309.3	3309.3	3274.2	3170.8	2973.9	2702.8	2466.9
42.5°	2905.6	2981.7	3075.3	3174.7	3198.1	3170.8	3087.0	2905.6	2681.4	2379.1	2129.5
45°	2730.1	2831.5	2936.8	3040.2	3051.9	2991.4	2841.3	2611.2	2334.3	2053.4	1815.5
47.5°	2521.5	2654.1	2769.1	2886.1	2870.5	2769.1	2568.3	2307.0	2014.4	1749.2	1558.1
50°	2287.5	2443.5	2572.2	2683.3	2650.2	2509.8	2273.8	2000.8	1710.2	1484.0	1326.1
52.5°	2037.8	2217.3	2346.0	2435.7	2390.8	2223.1	1963.7	1702.4	1464.5	1257.8	1152.5
55°	1778.5	1959.8	2092.4	2162.6	2104.1	1922.8	1667.3	1429.4	1205.2	1070.6	1008.2
57.5°	1526.9	1696.6	1821.4	1877.9	1803.8	1622.5	1386.5	1185.7	1023.8	910.7	879.5
60°	1285.1	1423.6	1542.5	1585.4	1505.5	1337.8	1135.0	975.0	856.1	778.1	762.5
62.5°	1060.8	1174.0	1267.6	1300.7	1222.7	1092.1	916.5	797.6	713.7	674.7	655.2
65°	875.6	941.9	1037.4	1031.6	984.8	863.9	735.2	651.3	596.7	571.4	559.7
67.5°	688.4	748.8	809.3	817.1	758.6	674.7	590.9	530.4	501.2	487.5	481.7
70°	532.4	577.2	614.3	604.5	573.3	520.7	468.0	434.9	423.2	417.3	417.3
72.5°	413.4	436.8	454.4	442.7	423.2	395.9	370.5	356.9	358.8	362.7	366.6
75°	319.8	325.7	329.6	317.9	314.0	296.4	294.5	296.4	308.1	319.8	325.7
77.5°	245.7	237.9	232.1	220.4	222.3	220.4	230.1	245.7	263.3	280.8	296.4
80°	189.2	171.6	158.0	146.3	152.1	161.9	181.4	204.8	228.2	247.7	267.2
82.5°	146.3	120.9	101.4	89.7	101.4	117.0	142.4	171.6	198.9	220.4	241.8
85°	113.1	83.9	60.5	48.8	60.5	83.9	111.2	144.3	173.6	197.0	218.4
87.5°	87.8	60.5	33.2	19.5	33.2	58.5	89.7	120.9	150.2	177.5	198.9
90°	70.2	41.0	15.6	3.9	17.6	41.0	70.2	101.4	130.7	159.9	181.4
92.5°	56.6	29.3	7.8	0.0	9.8	31.2	58.5	87.8	117.0	144.3	165.8
95°	46.8	23.4	5.9	0.0	7.8	23.4	46.8	76.1	103.4	130.7	148.2
97.5°	39.0	17.6	3.9	0.0	3.9	19.5	39.0	64.4	91.7	117.0	134.6
100°	33.2	15.6	3.9	0.0	3.9	15.6	33.2	56.6	80.0	103.4	120.9
102.5°	27.3	11.7	2.0	2.0	2.0	11.7	29.3	48.8	70.2	91.7	109.2
105°	25.4	9.8	2.0	2.0	2.0	9.8	25.4	42.9	62.4	81.9	97.5
107.5°	21.5	7.8	2.0	2.0	2.0	7.8	21.5	37.1	56.6	74.1	87.8
110°	17.6	7.8	2.0	2.0	2.0	7.8	17.6	33.2	48.8	64.4	78.0



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	15.6	5.9	2.0	2.0	2.0	5.9	15.6	29.3	42.9	58.5	70.2
115°	13.7	5.9	2.0	2.0	2.0	5.9	13.7	25.4	37.1	50.7	62.4
117.5°	11.7	5.9	2.0	2.0	2.0	3.9	11.7	21.5	33.2	44.9	56.6
120°	9.8	3.9	2.0	2.0	2.0	3.9	9.8	19.5	29.3	39.0	48.8
122.5°	9.8	3.9	2.0	2.0	2.0	3.9	7.8	15.6	25.4	33.2	42.9
125°	7.8	3.9	2.0	2.0	2.0	2.0	7.8	13.7	21.5	29.3	37.1
127.5°	7.8	3.9	2.0	2.0	2.0	2.0	5.9	11.7	17.6	25.4	33.2
130°	5.9	3.9	2.0	2.0	2.0	2.0	3.9	9.8	15.6	21.5	27.3
132.5°	5.9	3.9	2.0	2.0	2.0	2.0	3.9	7.8	11.7	17.6	23.4
135°	5.9	2.0	2.0	2.0	2.0	2.0	2.0	5.9	9.8	13.7	17.6
137.5°	3.9	2.0	2.0	2.0	2.0	2.0	2.0	3.9	7.8	9.8	15.6
140°	3.9	2.0	2.0	2.0	2.0	2.0	2.0	3.9	5.9	7.8	11.7
142.5°	3.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.9	5.9	9.8
145°	3.9	2.0	2.0	3.9	3.9	2.0	2.0	3.9	3.9	5.9	7.8
147.5°	3.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.9	3.9	5.9
150°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.9
152.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
155°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
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



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3794.9	3750.0	3773.4	3765.6	3773.4	3792.9	3791.0	3785.1	3789.0	3779.3	3769.5
5°	3787.1	3742.2	3765.6	3755.9	3765.6	3785.1	3781.2	3775.4	3781.2	3769.5	3759.8
7.5°	3777.3	3736.4	3763.7	3761.7	3779.3	3804.6	3806.6	3806.6	3820.2	3802.7	3794.9
10°	3777.3	3755.9	3792.9	3806.6	3851.4	3884.6	3888.5	3896.3	3919.7	3915.8	3896.3
12.5°	3818.3	3814.4	3869.0	3902.1	3943.1	3989.9	4015.2	4023.0	4038.6	4026.9	4019.1
15°	3870.9	3890.4	3950.9	3987.9	4032.8	4067.9	4073.7	4077.6	4089.3	4071.8	4058.1
17.5°	3941.1	3952.8	4001.6	4017.2	4046.4	4052.3	4044.5	4025.0	4025.0	3986.0	3974.3
20°	3974.3	3968.4	3987.9	3962.6	3950.9	3915.8	3882.6	3845.6	3843.6	3802.7	3798.8
22.5°	3945.0	3906.0	3865.1	3802.7	3775.4	3724.7	3679.8	3658.4	3644.7	3592.1	3578.4
25°	3841.7	3746.1	3685.7	3611.6	3545.3	3486.8	3443.9	3399.0	3356.1	3313.2	3293.7
27.5°	3662.3	3572.6	3475.1	3371.7	3280.1	3190.3	3118.2	3073.3	3032.4	2975.8	2946.6
30°	3441.9	3317.1	3209.8	3110.4	2960.2	2851.0	2790.6	2700.9	2669.7	2644.3	2589.7
32.5°	3182.5	3032.4	2886.1	2751.6	2597.5	2496.1	2416.2	2349.9	2330.4	2264.1	2248.5
35°	2895.9	2698.9	2533.2	2400.6	2289.4	2166.5	2100.2	2055.4	2016.4	1971.5	1963.7
37.5°	2558.5	2381.1	2193.9	2076.8	1989.1	1883.8	1833.1	1801.9	1784.3	1751.2	1745.3
40°	2219.2	2041.7	1913.0	1796.0	1741.4	1684.9	1647.8	1634.2	1626.4	1614.7	1603.0
42.5°	1911.1	1755.1	1663.4	1585.4	1562.0	1534.7	1525.0	1532.8	1525.0	1521.1	1519.1
45°	1649.8	1530.8	1466.5	1443.1	1437.2	1429.4	1437.2	1450.9	1452.8	1448.9	1448.9
47.5°	1411.9	1355.3	1328.0	1331.9	1341.7	1347.5	1361.2	1378.7	1382.6	1372.9	1376.8
50°	1255.9	1222.7	1216.9	1232.5	1253.9	1261.7	1277.3	1291.0	1289.0	1285.1	1281.2
52.5°	1109.6	1099.9	1115.5	1131.1	1154.5	1158.4	1164.2	1170.1	1168.1	1160.3	1156.4
55°	986.7	994.5	1008.2	1014.0	1031.6	1029.6	1031.6	1031.6	1023.8	1019.9	1014.0
57.5°	875.6	877.5	885.3	887.3	897.0	893.1	891.2	887.3	875.6	873.6	867.8
60°	762.5	758.6	776.1	762.5	770.3	762.5	760.5	750.8	739.1	737.1	733.2
62.5°	655.2	647.4	659.1	653.3	657.2	649.4	645.5	633.8	624.0	622.1	620.1
65°	559.7	555.8	567.5	565.5	569.4	559.7	555.8	548.0	540.2	538.2	536.3
67.5°	479.7	489.5	495.3	495.3	499.2	497.3	487.5	485.6	483.6	475.8	475.8
70°	421.2	427.1	438.8	440.7	438.8	442.7	434.9	432.9	431.0	427.1	425.1
72.5°	374.4	382.2	393.9	395.9	393.9	393.9	390.0	388.1	388.1	382.2	382.2
75°	337.4	347.1	356.9	356.9	356.9	353.0	349.1	349.1	345.2	343.2	339.3
77.5°	306.2	317.9	325.7	323.7	321.8	317.9	317.9	312.0	306.2	306.2	302.3
80°	282.8	290.6	296.4	294.5	292.5	286.7	284.7	278.9	275.0	269.1	269.1
82.5°	257.4	267.2	271.1	269.1	265.2	259.4	257.4	253.5	249.6	247.7	243.8
85°	236.0	245.7	247.7	243.8	239.9	236.0	234.0	232.1	230.1	226.2	226.2
87.5°	214.5	224.3	224.3	222.3	218.4	216.5	214.5	212.6	210.6	208.7	206.7
90°	197.0	204.8	204.8	202.8	200.9	198.9	197.0	195.0	193.1	191.1	191.1
92.5°	179.4	187.2	187.2	185.3	183.3	181.4	181.4	179.4	177.5	175.5	173.6
95°	163.8	171.6	171.6	171.6	169.7	167.7	167.7	165.8	163.8	163.8	161.9
97.5°	148.2	156.0	156.0	156.0	154.1	152.1	152.1	150.2	150.2	150.2	148.2
100°	134.6	140.4	142.4	142.4	140.4	140.4	140.4	138.5	138.5	138.5	136.5
102.5°	120.9	126.8	130.7	130.7	130.7	128.7	128.7	128.7	128.7	128.7	126.8
105°	109.2	115.1	119.0	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
107.5°	99.5	105.3	109.2	111.2	113.1	113.1	115.1	115.1	115.1	115.1	115.1
110°	89.7	95.6	101.4	103.4	105.3	107.3	107.3	109.2	107.3	107.3	107.3



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	80.0	87.8	91.7	95.6	97.5	99.5	101.4	101.4	101.4	101.4	101.4
115°	72.2	80.0	83.9	87.8	91.7	93.6	93.6	95.6	95.6	95.6	93.6
117.5°	64.4	72.2	76.1	80.0	81.9	85.8	87.8	87.8	87.8	87.8	85.8
120°	58.5	64.4	68.3	72.2	76.1	78.0	80.0	80.0	80.0	80.0	80.0
122.5°	50.7	56.6	62.4	66.3	68.3	70.2	72.2	72.2	72.2	72.2	72.2
125°	44.9	50.7	54.6	58.5	60.5	64.4	64.4	64.4	64.4	64.4	64.4
127.5°	39.0	44.9	48.8	52.7	54.6	56.6	58.5	58.5	58.5	58.5	58.5
130°	33.2	39.0	42.9	46.8	48.8	50.7	50.7	52.7	52.7	52.7	52.7
132.5°	29.3	33.2	37.1	41.0	42.9	44.9	44.9	46.8	46.8	46.8	46.8
135°	23.4	29.3	31.2	35.1	37.1	39.0	39.0	41.0	41.0	41.0	41.0
137.5°	19.5	23.4	27.3	31.2	33.2	33.2	35.1	35.1	37.1	37.1	37.1
140°	15.6	17.6	23.4	25.4	27.3	29.3	31.2	31.2	31.2	31.2	31.2
142.5°	11.7	15.6	17.6	21.5	23.4	25.4	27.3	27.3	27.3	27.3	27.3
145°	9.8	11.7	13.7	17.6	19.5	21.5	23.4	23.4	23.4	23.4	23.4
147.5°	7.8	9.8	11.7	13.7	15.6	17.6	19.5	19.5	19.5	19.5	19.5
150°	5.9	7.8	9.8	9.8	11.7	13.7	15.6	17.6	17.6	17.6	17.6
152.5°	5.9	5.9	7.8	7.8	9.8	11.7	13.7	13.7	13.7	13.7	13.7
155°	3.9	5.9	5.9	5.9	7.8	7.8	9.8	11.7	11.7	11.7	11.7
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



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3775.4	3783.2	3779.3	3773.4	3771.5	3781.2	3771.5	3726.6	3744.2	3746.1	3759.8
5°	3769.5	3775.4	3771.5	3767.6	3761.7	3773.4	3761.7	3714.9	3732.5	3734.4	3748.1
7.5°	3808.5	3810.5	3810.5	3800.7	3785.1	3791.0	3775.4	3722.7	3732.5	3732.5	3742.2
10°	3906.0	3909.9	3915.8	3890.4	3870.9	3855.3	3833.9	3769.5	3767.6	3752.0	3752.0
12.5°	4032.8	4023.0	4013.3	4001.6	3986.0	3966.5	3935.3	3859.2	3833.9	3808.5	3783.2
15°	4069.8	4065.9	4064.0	4058.1	4048.4	4042.5	4019.1	3943.1	3906.0	3874.8	3830.0
17.5°	3972.3	3980.1	4005.5	4007.4	4019.1	4042.5	4038.6	3986.0	3952.8	3939.2	3884.6
20°	3796.8	3798.8	3830.0	3843.6	3894.3	3933.3	3962.6	3956.7	3948.9	3964.5	3923.6
22.5°	3586.2	3599.9	3633.0	3654.5	3703.2	3748.1	3794.9	3820.2	3861.2	3925.5	3917.7
25°	3299.6	3317.1	3363.9	3399.0	3467.3	3535.5	3597.9	3642.8	3691.5	3814.4	3855.3
27.5°	2956.3	2983.6	3044.1	3079.2	3174.7	3244.9	3334.7	3422.4	3490.7	3631.1	3714.9
30°	2595.6	2619.0	2683.3	2732.1	2814.0	2909.5	3022.6	3147.4	3260.6	3402.9	3508.2
32.5°	2258.2	2283.6	2336.2	2379.1	2470.8	2550.7	2675.5	2829.6	2934.9	3131.8	3272.3
35°	1963.7	1987.1	2024.2	2061.2	2137.3	2219.2	2326.5	2476.6	2611.2	2815.9	2993.4
37.5°	1757.0	1760.9	1782.4	1803.8	1860.4	1922.8	2006.6	2139.2	2264.1	2484.4	2679.4
40°	1608.8	1608.8	1620.5	1626.4	1651.7	1688.8	1741.4	1844.8	1948.1	2115.8	2353.8
42.5°	1517.2	1513.3	1513.3	1515.2	1513.3	1530.8	1562.0	1610.8	1702.4	1840.9	2026.1
45°	1448.9	1441.1	1435.3	1421.6	1413.8	1413.8	1415.8	1433.3	1486.0	1575.7	1725.8
47.5°	1372.9	1370.9	1361.2	1345.6	1331.9	1322.2	1306.6	1300.7	1316.3	1367.0	1468.4
50°	1285.1	1275.4	1265.6	1253.9	1238.3	1228.6	1199.3	1201.3	1187.6	1211.0	1263.7
52.5°	1156.4	1148.6	1144.7	1135.0	1129.1	1125.2	1101.8	1078.4	1072.5	1076.4	1096.0
55°	1014.0	1017.9	1002.3	1010.1	1008.2	990.6	980.9	963.3	957.5	955.5	965.3
57.5°	865.8	869.7	860.0	867.8	867.8	858.0	852.2	852.2	838.5	826.8	840.5
60°	731.3	723.5	729.3	739.1	739.1	733.2	729.3	729.3	719.6	715.7	725.4
62.5°	622.1	614.3	620.1	629.9	631.8	627.9	624.0	624.0	612.3	612.3	620.1
65°	538.2	540.2	538.2	546.0	546.0	548.0	544.1	540.2	526.5	532.4	530.4
67.5°	477.8	475.8	475.8	483.6	481.7	485.6	481.7	475.8	466.1	458.3	456.3
70°	427.1	425.1	425.1	429.0	431.0	431.0	429.0	425.1	411.5	403.7	397.8
72.5°	382.2	380.3	382.2	384.2	386.1	388.1	386.1	382.2	370.5	360.8	351.0
75°	341.3	339.3	345.2	345.2	347.1	347.1	349.1	347.1	337.4	325.7	314.0
77.5°	300.3	302.3	308.1	310.1	314.0	315.9	317.9	317.9	308.1	298.4	282.8
80°	267.2	271.1	275.0	276.9	280.8	286.7	288.6	290.6	282.8	273.0	255.5
82.5°	243.8	245.7	249.6	251.6	257.4	259.4	261.3	265.2	261.3	251.6	232.1
85°	224.3	226.2	230.1	230.1	234.0	237.9	239.9	241.8	239.9	230.1	210.6
87.5°	206.7	208.7	210.6	212.6	214.5	216.5	218.4	220.4	218.4	208.7	191.1
90°	191.1	191.1	193.1	193.1	195.0	197.0	200.9	200.9	198.9	191.1	173.6
92.5°	173.6	175.5	175.5	177.5	179.4	181.4	183.3	183.3	181.4	173.6	158.0
95°	161.9	161.9	163.8	163.8	165.8	165.8	167.7	167.7	165.8	158.0	142.4
97.5°	148.2	148.2	148.2	148.2	150.2	150.2	152.1	152.1	150.2	142.4	128.7
100°	136.5	136.5	136.5	136.5	136.5	138.5	138.5	138.5	136.5	128.7	115.1
102.5°	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	122.9	117.0	103.4
105°	120.9	120.9	120.9	119.0	119.0	119.0	117.0	117.0	111.2	105.3	93.6
107.5°	113.1	113.1	113.1	111.2	111.2	109.2	107.3	107.3	101.4	95.6	83.9
110°	107.3	107.3	107.3	105.3	103.4	101.4	99.5	97.5	91.7	83.9	74.1



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	101.4	101.4	99.5	99.5	97.5	95.6	91.7	89.7	83.9	76.1	66.3
115°	93.6	93.6	93.6	91.7	89.7	87.8	85.8	81.9	76.1	68.3	58.5
117.5°	85.8	85.8	85.8	83.9	81.9	80.0	78.0	74.1	68.3	60.5	52.7
120°	78.0	78.0	78.0	76.1	74.1	72.2	70.2	66.3	60.5	54.6	44.9
122.5°	72.2	72.2	70.2	68.3	66.3	64.4	62.4	58.5	54.6	46.8	39.0
125°	64.4	64.4	62.4	62.4	60.5	58.5	56.6	52.7	46.8	41.0	35.1
127.5°	58.5	56.6	56.6	56.6	54.6	52.7	48.8	46.8	41.0	35.1	29.3
130°	50.7	50.7	50.7	48.8	48.8	46.8	42.9	39.0	35.1	31.2	25.4
132.5°	44.9	44.9	44.9	44.9	42.9	41.0	37.1	35.1	31.2	25.4	21.5
135°	41.0	41.0	39.0	39.0	37.1	35.1	33.2	29.3	25.4	21.5	17.6
137.5°	35.1	35.1	35.1	33.2	33.2	31.2	27.3	25.4	23.4	19.5	15.6
140°	31.2	31.2	29.3	29.3	27.3	27.3	25.4	21.5	19.5	15.6	13.7
142.5°	27.3	27.3	25.4	25.4	23.4	23.4	21.5	19.5	15.6	13.7	9.8
145°	23.4	23.4	21.5	21.5	21.5	19.5	17.6	15.6	13.7	11.7	9.8
147.5°	19.5	19.5	19.5	17.6	17.6	15.6	15.6	13.7	11.7	9.8	7.8
150°	17.6	17.6	15.6	15.6	15.6	13.7	11.7	11.7	9.8	7.8	5.9
152.5°	13.7	13.7	13.7	13.7	11.7	11.7	9.8	9.8	7.8	5.9	5.9
155°	11.7	11.7	11.7	9.8	9.8	9.8	7.8	7.8	5.9	5.9	3.9
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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CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4	3775.4
2.5°	3753.9	3752.0	3769.5	3767.6	3744.2	3779.3	3802.7
5°	3744.2	3742.2	3757.8	3761.7	3736.4	3773.4	3798.8
7.5°	3736.4	3734.4	3752.0	3757.8	3732.5	3765.6	3792.9
10°	3738.3	3728.6	3744.2	3748.1	3724.7	3759.8	3783.2
12.5°	3752.0	3728.6	3734.4	3734.4	3713.0	3744.2	3769.5
15°	3785.1	3736.4	3728.6	3722.7	3695.4	3724.7	3750.0
17.5°	3822.2	3755.9	3728.6	3709.1	3675.9	3701.3	3728.6
20°	3859.2	3777.3	3732.5	3701.3	3656.4	3679.8	3699.3
22.5°	3876.8	3796.8	3736.4	3689.6	3633.0	3644.7	3666.2
25°	3853.4	3789.0	3728.6	3672.0	3603.8	3605.7	3623.3
27.5°	3767.6	3750.0	3711.0	3654.5	3580.4	3570.6	3584.3
30°	3621.3	3670.1	3672.0	3631.1	3553.1	3533.6	3539.4
32.5°	3416.6	3525.8	3590.1	3582.3	3514.1	3486.8	3490.7
35°	3180.6	3317.1	3457.5	3504.3	3455.6	3434.1	3426.3
37.5°	2897.8	3081.1	3268.4	3383.4	3375.6	3362.0	3354.2
40°	2585.8	2806.2	3028.5	3211.8	3268.4	3268.4	3272.3
42.5°	2252.4	2509.8	2753.5	2985.6	3118.2	3147.4	3159.1
45°	1930.6	2190.0	2455.2	2722.3	2899.8	2991.4	3024.6
47.5°	1638.1	1899.4	2150.9	2443.5	2679.4	2798.4	2851.0
50°	1388.5	1583.5	1848.7	2139.2	2396.7	2542.9	2646.3
52.5°	1181.8	1333.9	1565.9	1837.0	2096.3	2297.2	2392.8
55°	1008.2	1111.6	1308.5	1542.5	1790.2	1998.8	2110.0
57.5°	861.9	943.8	1078.4	1273.4	1482.1	1688.8	1807.7
60°	733.2	789.8	881.4	1035.5	1213.0	1390.4	1505.5
62.5°	622.1	659.1	719.6	832.7	971.1	1109.6	1216.9
65°	536.3	551.9	585.0	655.2	760.5	865.8	957.5
67.5°	452.4	462.2	487.5	530.4	583.1	659.1	719.6
70°	390.0	390.0	392.0	417.3	444.6	493.4	536.3
72.5°	339.3	333.5	321.8	327.6	333.5	360.8	388.1
75°	298.4	284.7	265.2	257.4	253.5	257.4	273.0
77.5°	263.3	243.8	220.4	200.9	185.3	179.4	193.1
80°	234.0	210.6	183.3	158.0	132.6	119.0	124.8
82.5°	210.6	181.4	152.1	122.9	93.6	74.1	74.1
85°	185.3	158.0	126.8	95.6	66.3	41.0	37.1
87.5°	167.7	138.5	105.3	76.1	46.8	21.5	11.7
90°	150.2	120.9	89.7	60.5	33.2	9.8	0.0
92.5°	134.6	107.3	78.0	48.8	23.4	5.9	0.0
95°	120.9	95.6	66.3	41.0	19.5	3.9	2.0
97.5°	107.3	83.9	58.5	33.2	13.7	3.9	2.0
100°	97.5	74.1	50.7	27.3	11.7	2.0	2.0
102.5°	85.8	66.3	42.9	23.4	9.8	2.0	2.0
105°	76.1	58.5	37.1	19.5	7.8	2.0	2.0
107.5°	68.3	50.7	33.2	17.6	7.8	2.0	2.0
110°	60.5	44.9	29.3	15.6	5.9	2.0	2.0



TEST NUMBER: P290245

CATALOG NUMBER: 8SSRK-LC-10-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	54.6	39.0	25.4	13.7	3.9	2.0	2.0
115°	46.8	35.1	21.5	11.7	3.9	2.0	2.0
117.5°	41.0	29.3	19.5	9.8	3.9	2.0	2.0
120°	35.1	25.4	15.6	7.8	2.0	2.0	2.0
122.5°	31.2	21.5	13.7	7.8	2.0	2.0	2.0
125°	27.3	19.5	11.7	5.9	2.0	2.0	2.0
127.5°	23.4	15.6	9.8	3.9	2.0	2.0	2.0
130°	19.5	13.7	7.8	3.9	2.0	2.0	2.0
132.5°	15.6	11.7	7.8	3.9	2.0	2.0	2.0
135°	13.7	9.8	5.9	3.9	2.0	2.0	2.0
137.5°	11.7	7.8	3.9	3.9	3.9	2.0	2.0
140°	9.8	5.9	3.9	3.9	3.9	3.9	2.0
142.5°	7.8	5.9	3.9	3.9	3.9	3.9	2.0
145°	5.9	3.9	3.9	3.9	3.9	3.9	2.0
147.5°	5.9	3.9	3.9	3.9	3.9	3.9	2.0
150°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
152.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
155°	3.9	3.9	3.9	3.9	3.9	3.9	3.9
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)