

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: P290213

Luminaire Tested: **8SSRK-LC-40-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: P290213
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-40-L935-CD1-U
Description: 4000 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: 3544.8 lumens
Efficiency: N/A
Efficacy: 131.2 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

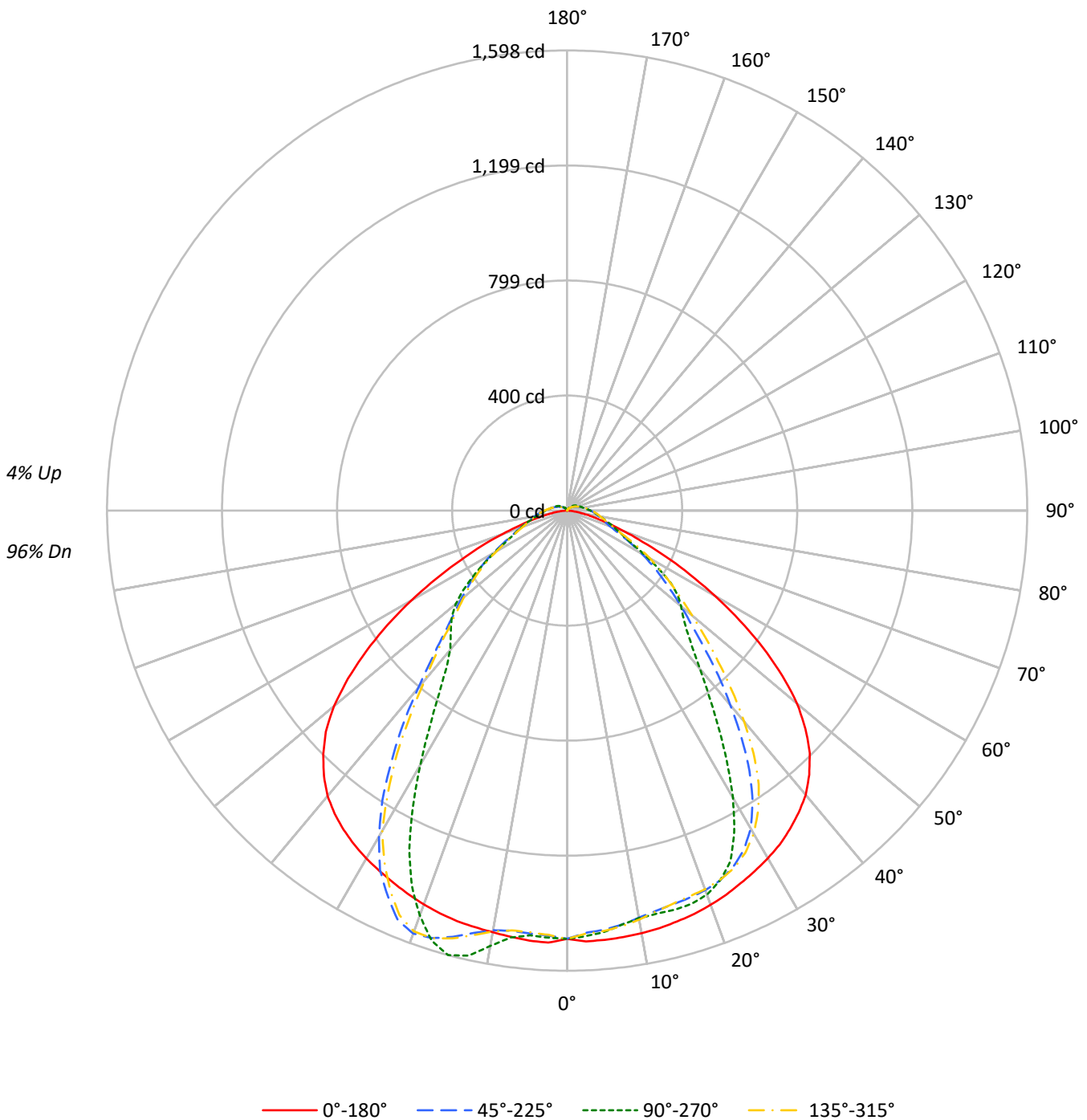
Input Watts (W): 27.0151
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

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°	48017	48017	48017	48017
5°	48411	35281	48511	35557
10°	48678	27631	48580	29507
15°	49103	23163	49076	25790
20°	49691	19861	49640	20936
25°	50358	16696	50330	16132
30°	51360	12972	51390	11492
35°	52433	9480	52581	8021
40°	53394	6934	53618	6109
45°	53293	5352	53566	5212
50°	51093	4496	51809	4396
55°	45432	3684	46569	3350
60°	36958	2565	38921	2353
65°	27581	1777	29717	1685
70°	18861	1379	21263	1318
75°	12445	1107	14494	1046
80°	8182	904	9579	832
85°	4369	773	5746	707



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.2	4.0
10°-20°	420.3	11.9
20°-30°	638.9	18.0
30°-40°	685.4	19.3
40°-50°	594.8	16.8
50°-60°	440.8	12.4
60°-70°	252.6	7.1
70°-80°	139.9	3.9
80°-90°	85.2	2.4
90°-100°	55.4	1.6
100°-110°	37.1	1.0
110°-120°	25.0	0.7
120°-130°	15.4	0.4
130°-140°	8.1	0.2
140°-150°	3.7	0.1
150°-160°	1.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1200.4	33.9
0°-40°	1885.8	53.2
0°-60°	2921.5	82.4
0°-90°	3399.1	95.9
90°-120°	117.5	3.3
90°-150°	144.7	4.1
90°-180°	146.0	4.1
0°-180°	3544.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1487	1487	1487	1487	1487	
5°	1496	1469	1499	1481	1496	143
15°	1477	1436	1476	1598	1477	418
25°	1427	1343	1426	1297	1427	660
35°	1350	914	1353	773	1350	845
45°	1191	586	1197	571	1191	912
55°	831	439	852	399	831	737
65°	377	223	406	211	377	380
75°	108	141	125	134	108	123
85°	15	98	19	89	15	19
90°	0	81	2	75	0	1
95°	1	67	0	64	1	1
105°	1	50	1	48	1	1
115°	1	41	1	37	1	1
125°	1	31	1	25	1	1
135°	1	19	1	16	1	1
145°	1	12	2	9	1	1
155°	2	5	2	5	2	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1497.7	1493.9	1492.3	1489.3	1491.6	1500.8	1494.6	1484.7	1485.4	1467.8	1477.0
5°	1496.2	1491.6	1489.3	1486.2	1487.7	1496.2	1490.0	1480.1	1479.3	1461.6	1470.1
7.5°	1493.9	1489.3	1485.4	1483.1	1483.9	1490.8	1483.1	1471.6	1469.3	1450.1	1457.8
10°	1490.0	1487.0	1481.6	1477.8	1477.0	1484.7	1472.4	1460.9	1455.5	1435.5	1443.2
12.5°	1484.7	1480.1	1474.7	1467.8	1467.0	1471.6	1461.6	1445.5	1440.1	1424.0	1432.4
15°	1477.0	1471.6	1465.5	1457.8	1453.9	1457.0	1444.7	1430.1	1429.4	1415.5	1427.1
17.5°	1468.5	1460.9	1453.9	1443.2	1437.8	1440.1	1430.1	1417.1	1418.6	1410.2	1423.2
20°	1457.0	1448.6	1437.8	1427.1	1419.4	1423.2	1416.3	1406.3	1408.6	1402.5	1414.0
22.5°	1444.0	1432.4	1419.4	1407.1	1400.9	1406.3	1400.9	1392.5	1393.3	1389.4	1396.3
25°	1427.1	1414.0	1398.6	1383.3	1380.2	1384.0	1381.0	1374.1	1371.0	1364.8	1367.9
27.5°	1411.7	1397.1	1377.9	1361.8	1356.4	1364.1	1357.2	1345.6	1337.2	1328.7	1322.6
30°	1394.0	1376.4	1354.9	1336.4	1331.8	1334.9	1324.9	1307.2	1285.0	1274.2	1257.3
32.5°	1374.8	1351.8	1324.9	1304.2	1301.1	1298.8	1280.4	1255.0	1220.4	1198.9	1172.8
35°	1349.5	1324.1	1291.9	1266.5	1261.9	1248.9	1218.9	1185.1	1140.6	1103.7	1059.2
37.5°	1321.1	1291.1	1257.3	1223.5	1210.5	1184.4	1142.1	1106.8	1039.2	994.6	940.9
40°	1288.8	1252.7	1211.2	1170.5	1149.0	1106.8	1058.4	1006.2	940.9	881.0	835.7
42.5°	1244.3	1205.9	1156.7	1111.4	1074.5	1018.4	961.6	887.9	828.0	777.3	731.2
45°	1191.3	1145.2	1088.3	1033.8	987.0	920.1	853.3	779.6	729.7	670.5	639.0
47.5°	1122.9	1073.0	1012.3	951.6	890.2	816.4	746.6	675.9	626.0	583.7	560.7
50°	1042.3	996.2	929.4	857.2	789.6	712.8	642.9	589.9	541.5	515.4	497.7
52.5°	942.4	899.4	831.0	752.7	687.4	612.1	548.4	505.4	470.8	451.6	445.5
55°	831.0	793.4	725.8	652.9	586.0	516.9	468.5	430.9	408.6	397.1	397.9
57.5°	712.0	682.8	619.1	553.8	490.8	438.6	394.8	364.8	347.9	347.2	349.5
60°	592.9	571.4	516.1	460.1	404.8	362.5	330.3	309.5	298.8	299.5	298.8
62.5°	479.3	459.3	419.4	373.3	329.5	301.1	271.9	263.4	254.2	253.5	253.5
65°	377.1	361.8	329.5	296.5	263.4	245.0	230.4	220.4	213.5	212.0	212.8
67.5°	283.4	277.3	255.0	232.7	212.0	200.5	188.2	185.9	180.5	180.5	182.0
70°	211.2	206.6	194.3	181.3	172.8	165.1	159.0	159.0	158.2	157.5	161.3
72.5°	152.8	153.6	149.8	139.8	139.0	137.5	135.9	138.3	139.0	141.3	145.9
75°	107.5	109.8	109.8	108.3	111.4	115.2	117.5	121.4	126.0	129.0	134.4
77.5°	76.0	76.0	79.9	84.5	90.6	97.5	103.7	109.1	115.2	119.0	123.7
80°	49.2	51.5	57.6	66.1	74.5	83.7	92.2	99.1	105.2	111.4	114.4
82.5°	29.2	33.0	40.7	51.5	62.2	73.7	82.2	90.6	97.5	103.7	106.0
85°	14.6	20.0	29.2	40.7	52.2	64.5	75.3	83.0	90.6	96.0	99.1
87.5°	4.6	10.8	20.7	31.5	43.8	56.1	67.6	76.0	83.0	87.6	90.6
90°	0.0	5.4	14.6	26.1	37.6	49.9	60.7	69.9	76.8	80.6	83.0
92.5°	0.0	3.1	11.5	21.5	32.3	44.5	55.3	63.7	69.9	73.7	75.3
95°	0.8	2.3	8.4	17.7	28.4	39.9	49.9	57.6	63.7	67.6	68.4
97.5°	0.8	1.5	6.9	14.6	24.6	35.3	45.3	53.0	57.6	61.4	62.2
100°	0.8	1.5	5.4	13.1	21.5	31.5	40.7	47.6	53.0	56.1	56.8
102.5°	0.8	0.8	4.6	10.8	19.2	27.7	36.1	43.0	47.6	50.7	52.2
105°	0.8	0.8	3.8	9.2	16.9	24.6	32.3	39.2	43.0	46.1	47.6
107.5°	0.8	0.8	3.1	7.7	14.6	21.5	29.2	34.6	39.2	42.2	43.8
110°	0.8	0.8	2.3	6.9	12.3	19.2	25.3	30.7	35.3	38.4	39.9



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.8	0.8	2.3	6.1	10.8	16.9	22.3	27.7	31.5	34.6	36.9
115°	0.8	0.8	2.3	5.4	10.0	14.6	20.0	24.6	28.4	31.5	33.8
117.5°	0.8	0.8	2.3	4.6	8.4	13.1	17.7	22.3	25.3	28.4	30.7
120°	0.8	0.8	1.5	3.8	7.7	11.5	15.4	19.2	23.0	26.1	28.4
122.5°	0.8	0.8	1.5	3.8	6.1	10.0	13.8	16.9	20.7	23.0	25.3
125°	0.8	0.8	1.5	3.1	5.4	9.2	12.3	15.4	17.7	20.7	23.0
127.5°	0.8	0.8	1.5	3.1	4.6	7.7	10.8	13.8	16.1	18.4	20.0
130°	0.8	0.8	1.5	2.3	3.8	6.1	9.2	11.5	14.6	16.1	17.7
132.5°	0.8	0.8	0.8	2.3	3.1	4.6	6.9	10.0	12.3	14.6	15.4
135°	0.8	0.8	0.8	1.5	3.1	3.8	5.4	7.7	10.0	12.3	13.8
137.5°	0.8	0.8	0.8	1.5	2.3	3.8	4.6	6.1	8.4	10.0	12.3
140°	0.8	0.8	0.8	1.5	2.3	3.1	3.8	5.4	6.9	8.4	10.0
142.5°	0.8	0.8	0.8	1.5	1.5	2.3	3.1	4.6	5.4	6.9	8.4
145°	0.8	0.8	0.8	1.5	1.5	2.3	3.1	3.8	4.6	5.4	6.9
147.5°	0.8	0.8	0.8	1.5	1.5	1.5	2.3	3.1	3.8	4.6	5.4
150°	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	3.1	3.8	4.6
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	2.3	3.1	3.8
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	3.1	3.1
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1473.9	1475.4	1484.7	1483.9	1482.4	1480.8	1480.8	1479.3	1480.8	1484.7	1483.1
5°	1466.2	1468.5	1475.4	1474.7	1473.1	1472.4	1471.6	1469.3	1470.8	1476.2	1474.7
7.5°	1452.4	1454.7	1460.9	1457.8	1455.5	1457.0	1453.2	1450.9	1453.9	1459.3	1458.5
10°	1437.8	1439.3	1447.0	1445.5	1441.7	1442.4	1438.6	1437.0	1440.9	1444.0	1444.7
12.5°	1427.8	1433.2	1440.1	1439.3	1438.6	1439.3	1435.5	1434.0	1436.3	1439.3	1438.6
15°	1425.5	1432.4	1440.1	1440.1	1440.9	1441.7	1437.8	1435.5	1437.8	1440.1	1439.3
17.5°	1423.2	1431.7	1438.6	1437.8	1438.6	1440.1	1434.0	1432.4	1435.5	1438.6	1437.0
20°	1415.5	1423.2	1427.8	1426.3	1426.3	1427.1	1419.4	1419.4	1424.0	1426.3	1427.1
22.5°	1394.0	1403.2	1403.2	1399.4	1399.4	1396.3	1394.0	1389.4	1394.8	1398.6	1401.7
25°	1361.8	1365.6	1361.0	1352.6	1347.9	1344.1	1333.4	1342.6	1342.6	1354.1	1357.9
27.5°	1316.5	1308.0	1295.0	1277.3	1273.4	1261.2	1254.2	1256.5	1260.4	1276.5	1288.8
30°	1242.0	1216.6	1194.3	1186.7	1169.8	1157.5	1145.2	1151.3	1158.2	1167.5	1192.8
32.5°	1143.6	1119.1	1083.0	1069.9	1052.2	1036.9	1022.3	1031.5	1043.8	1049.9	1077.6
35°	1030.7	1001.6	968.5	946.3	927.8	919.4	900.9	914.0	927.1	931.7	955.5
37.5°	910.9	881.0	851.8	832.6	814.9	809.5	797.2	806.5	816.4	823.4	843.3
40°	797.2	769.6	747.3	734.3	722.0	717.4	712.8	716.6	724.3	729.7	745.0
42.5°	699.7	677.4	662.1	654.4	645.9	639.8	640.6	642.1	645.9	657.5	664.4
45°	614.4	601.4	591.4	589.9	584.5	583.7	583.0	586.0	588.3	595.2	600.6
47.5°	546.1	540.7	538.4	541.5	543.8	540.7	542.3	546.1	550.7	550.7	549.9
50°	492.3	493.9	496.9	503.8	508.5	510.0	511.5	516.1	516.9	518.4	516.1
52.5°	448.5	450.1	458.5	469.3	474.7	477.0	480.0	484.6	484.6	486.2	483.1
55°	404.0	406.3	414.8	425.5	430.1	433.2	436.3	439.3	441.6	444.7	442.4
57.5°	354.8	361.8	367.1	370.2	373.3	375.6	377.9	378.7	383.3	384.0	387.9
60°	302.6	304.2	309.5	308.8	306.5	312.6	309.5	314.9	320.3	327.2	328.0
62.5°	252.7	253.5	257.3	255.8	258.8	258.1	260.4	260.4	264.2	267.3	271.1
65°	213.5	214.3	217.4	217.4	216.6	218.9	221.2	222.7	222.7	225.0	228.1
67.5°	184.3	186.6	189.7	191.2	192.8	192.8	195.1	195.9	197.4	198.2	199.7
70°	164.4	167.4	170.5	172.0	172.8	174.3	175.1	175.1	176.7	177.4	179.0
72.5°	149.8	152.8	155.1	155.1	156.7	157.5	157.5	158.2	159.0	160.5	162.1
75°	137.5	139.8	141.3	140.6	140.6	140.6	141.3	141.3	142.9	144.4	145.9
77.5°	126.0	128.3	128.3	126.7	126.7	126.7	126.7	127.5	128.3	129.8	131.3
80°	117.5	117.5	116.7	116.7	115.2	114.4	114.4	115.2	115.2	116.7	119.0
82.5°	108.3	108.3	107.5	106.8	106.0	105.2	105.2	106.0	106.8	107.5	109.1
85°	99.8	99.8	98.3	98.3	97.5	97.5	97.5	97.5	98.3	99.1	100.6
87.5°	91.4	90.6	89.9	89.1	89.1	89.1	89.1	89.1	89.9	91.4	92.2
90°	83.0	82.2	81.4	81.4	80.6	80.6	81.4	81.4	82.2	83.0	83.7
92.5°	75.3	74.5	73.7	73.7	73.0	73.0	73.7	73.0	74.5	74.5	75.3
95°	68.4	67.6	66.8	66.8	66.8	66.8	66.8	66.8	67.6	67.6	68.4
97.5°	62.2	61.4	60.7	60.7	61.4	60.7	61.4	61.4	61.4	62.2	63.0
100°	56.8	56.1	56.1	56.8	56.1	56.1	56.8	56.8	56.8	56.8	57.6
102.5°	52.2	52.2	52.2	52.2	52.2	52.2	53.0	53.0	53.0	53.0	53.8
105°	47.6	48.4	48.4	48.4	49.2	49.2	49.2	49.9	49.9	49.9	49.9
107.5°	44.5	45.3	45.3	46.1	46.1	46.9	46.9	46.9	46.9	47.6	47.6
110°	41.5	42.2	43.0	43.8	43.8	44.5	44.5	44.5	44.5	44.5	44.5



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	38.4	39.2	39.9	41.5	42.2	42.2	42.2	42.2	43.0	43.0	42.2
115°	35.3	36.9	37.6	39.2	39.9	39.9	40.7	40.7	40.7	40.7	39.9
117.5°	32.3	34.6	35.3	36.9	37.6	37.6	38.4	38.4	38.4	38.4	37.6
120°	30.0	31.5	33.0	33.8	34.6	35.3	35.3	36.1	36.1	36.1	35.3
122.5°	27.7	29.2	30.7	31.5	32.3	33.0	33.0	33.0	33.0	33.0	33.0
125°	24.6	26.1	27.7	28.4	29.2	30.0	30.0	30.7	30.7	30.7	30.0
127.5°	22.3	23.8	24.6	26.1	26.9	26.9	27.7	27.7	27.7	27.7	26.9
130°	19.2	20.7	22.3	23.0	23.8	23.8	24.6	24.6	24.6	24.6	24.6
132.5°	16.9	18.4	19.2	20.7	20.7	21.5	21.5	22.3	22.3	22.3	21.5
135°	15.4	16.1	16.9	18.4	18.4	19.2	19.2	19.2	19.2	19.2	19.2
137.5°	13.8	14.6	15.4	16.1	16.1	16.9	16.9	16.9	16.9	17.7	16.9
140°	11.5	13.1	13.8	13.8	14.6	14.6	14.6	15.4	15.4	15.4	14.6
142.5°	10.0	10.8	11.5	12.3	13.1	13.1	13.1	13.1	13.8	13.1	13.1
145°	7.7	9.2	10.0	10.8	11.5	11.5	11.5	11.5	11.5	11.5	11.5
147.5°	6.1	6.9	8.4	9.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0
150°	5.4	5.4	6.9	7.7	8.4	8.4	8.4	8.4	8.4	8.4	8.4
152.5°	3.8	4.6	5.4	6.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9
155°	3.8	3.8	4.6	4.6	5.4	5.4	5.4	5.4	6.1	5.4	5.4
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1480.8	1480.1	1483.1	1480.1	1464.7	1470.8	1468.5	1477.0	1477.8	1480.1	1487.7
5°	1473.1	1473.1	1477.0	1473.9	1459.3	1465.5	1464.7	1473.1	1474.7	1476.2	1484.7
7.5°	1457.8	1458.5	1463.9	1461.6	1446.3	1455.5	1454.7	1464.7	1467.8	1470.8	1478.5
10°	1443.2	1442.4	1448.6	1446.3	1431.7	1442.4	1441.7	1451.6	1456.2	1461.6	1470.8
12.5°	1435.5	1433.2	1435.5	1433.2	1417.1	1425.5	1426.3	1437.8	1443.2	1450.1	1460.9
15°	1435.5	1431.7	1431.7	1427.1	1408.6	1414.0	1414.8	1422.4	1429.4	1436.3	1449.3
17.5°	1434.0	1430.1	1429.4	1425.5	1405.6	1405.6	1404.8	1410.2	1414.0	1420.9	1434.7
20°	1425.5	1424.0	1423.2	1420.9	1402.5	1399.4	1397.9	1397.9	1400.2	1402.5	1416.3
22.5°	1403.2	1404.8	1406.3	1407.9	1393.3	1387.9	1388.7	1387.1	1384.8	1384.8	1396.3
25°	1361.8	1369.5	1375.6	1382.5	1374.1	1370.2	1374.8	1372.5	1368.7	1365.6	1375.6
27.5°	1295.7	1311.8	1324.9	1341.8	1342.6	1339.5	1351.8	1350.3	1349.5	1344.9	1352.6
30°	1204.3	1229.7	1247.3	1271.9	1292.6	1295.7	1316.5	1319.5	1322.6	1320.3	1328.0
32.5°	1093.7	1128.3	1158.2	1196.6	1216.6	1234.3	1263.5	1275.8	1288.0	1291.9	1300.3
35°	973.1	1012.3	1047.6	1089.9	1121.4	1159.8	1195.1	1213.5	1241.2	1251.9	1264.2
37.5°	858.7	895.6	930.1	972.4	1023.1	1063.0	1106.8	1148.3	1185.9	1201.2	1219.7
40°	757.3	787.3	820.3	857.2	903.2	955.5	1003.1	1060.7	1105.2	1136.0	1162.8
42.5°	680.5	695.1	723.5	756.5	793.4	846.4	894.8	959.3	1013.1	1056.9	1101.4
45°	612.1	619.1	639.8	657.5	695.1	741.9	793.4	856.4	912.5	968.5	1022.3
47.5°	553.8	562.2	572.2	583.0	609.8	649.0	693.6	750.4	806.5	871.7	933.2
50°	514.6	516.9	518.4	523.0	539.2	566.1	602.2	650.5	704.3	774.2	839.5
52.5°	480.0	480.0	475.4	473.1	479.3	496.2	516.9	551.5	606.8	671.3	740.4
55°	443.2	436.3	434.7	427.0	428.6	436.3	446.2	473.1	518.4	573.7	640.6
57.5°	391.7	388.6	388.6	385.6	379.4	383.3	385.6	404.8	437.0	484.6	543.0
60°	332.6	331.0	334.9	335.6	330.3	332.6	331.8	343.3	366.4	404.8	453.2
62.5°	273.4	280.3	281.1	284.2	281.1	280.3	284.2	294.2	305.7	334.9	372.5
65°	229.7	233.5	234.3	238.1	236.6	236.6	239.6	247.3	254.2	274.2	303.4
67.5°	201.2	199.7	200.5	202.8	200.5	199.7	202.0	206.6	212.0	224.3	245.0
70°	179.0	177.4	177.4	177.4	174.3	172.0	172.8	174.3	176.7	183.6	196.6
72.5°	162.1	162.1	159.8	157.5	155.1	153.6	152.1	150.5	149.8	152.1	159.0
75°	146.7	147.5	146.7	144.4	141.3	138.3	135.2	132.1	128.3	126.7	127.5
77.5°	132.9	133.6	134.4	133.6	130.6	126.7	122.1	117.5	112.1	106.8	103.7
80°	120.6	122.1	122.9	122.1	119.8	116.7	111.4	106.0	98.3	91.4	83.7
82.5°	109.8	112.1	112.9	112.9	111.4	108.3	102.2	96.0	87.6	78.3	68.4
85°	101.4	102.9	104.5	104.5	103.7	100.6	94.5	87.6	79.1	68.4	57.6
87.5°	92.9	93.7	95.2	96.8	95.2	92.2	86.8	79.1	70.7	59.9	47.6
90°	84.5	85.3	86.8	88.3	87.6	84.5	79.9	73.0	63.7	52.2	39.9
92.5°	76.0	77.6	78.3	79.1	79.9	77.6	73.7	66.8	57.6	46.1	34.6
95°	69.9	69.9	71.4	72.2	73.0	70.7	67.6	60.7	52.2	41.5	30.0
97.5°	63.7	63.7	65.3	65.3	66.1	64.5	61.4	55.3	46.9	36.9	25.3
100°	57.6	58.4	59.1	59.9	59.9	59.1	56.1	49.9	42.2	33.0	22.3
102.5°	53.8	53.8	54.5	54.5	55.3	53.8	50.7	45.3	37.6	29.2	19.2
105°	49.9	49.9	50.7	50.7	49.9	48.4	45.3	40.7	33.8	25.3	16.9
107.5°	46.9	46.9	46.9	46.9	46.1	44.5	41.5	36.1	30.0	23.0	15.4
110°	44.5	43.8	43.8	43.0	42.2	39.9	36.9	32.3	26.9	20.0	13.1



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	42.2	41.5	40.7	39.9	38.4	36.1	33.0	29.2	23.8	17.7	11.5
115°	39.9	39.2	38.4	36.9	35.3	33.0	30.0	26.1	20.7	15.4	10.0
117.5°	37.6	36.9	35.3	33.8	32.3	30.0	26.9	23.0	18.4	13.8	9.2
120°	34.6	33.8	33.0	31.5	30.0	26.9	23.8	20.7	16.1	12.3	7.7
122.5°	32.3	31.5	30.0	29.2	26.9	24.6	21.5	18.4	14.6	10.8	6.9
125°	29.2	28.4	27.7	26.1	24.6	21.5	19.2	16.1	13.1	9.2	5.4
127.5°	26.9	26.1	24.6	23.0	21.5	19.2	16.9	14.6	11.5	7.7	5.4
130°	23.8	23.0	22.3	20.7	19.2	16.9	15.4	12.3	10.0	6.9	4.6
132.5°	20.7	20.7	20.0	18.4	16.9	15.4	13.1	10.8	8.4	6.1	3.8
135°	19.2	18.4	17.7	16.1	15.4	13.1	11.5	9.2	6.9	5.4	3.1
137.5°	16.9	16.1	15.4	14.6	13.1	11.5	10.0	7.7	6.1	4.6	3.1
140°	14.6	13.8	13.8	12.3	11.5	10.0	8.4	6.9	5.4	3.8	2.3
142.5°	13.1	12.3	11.5	10.8	10.0	8.4	6.9	5.4	4.6	3.1	2.3
145°	11.5	10.8	10.0	9.2	8.4	6.9	6.1	4.6	3.8	3.1	2.3
147.5°	9.2	9.2	8.4	7.7	6.9	6.1	5.4	4.6	3.1	2.3	1.5
150°	7.7	7.7	6.9	6.1	6.1	5.4	4.6	3.8	3.1	2.3	1.5
152.5°	6.9	6.1	6.1	5.4	5.4	4.6	3.8	3.1	2.3	2.3	1.5
155°	5.4	5.4	5.4	4.6	4.6	3.8	3.1	3.1	2.3	1.5	1.5
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1489.3	1480.1	1487.7	1501.6	1500.0	1498.5	1497.0	1500.0	1510.0	1504.6	1496.2
5°	1487.0	1477.8	1486.2	1499.3	1498.5	1496.2	1494.6	1497.7	1507.7	1502.3	1493.1
7.5°	1482.4	1473.9	1480.1	1493.1	1493.1	1491.6	1490.0	1493.1	1502.3	1497.7	1488.5
10°	1474.7	1468.5	1474.7	1487.0	1487.7	1484.7	1483.1	1487.0	1496.2	1493.9	1486.2
12.5°	1468.5	1462.4	1469.3	1481.6	1482.4	1479.3	1477.0	1481.6	1493.9	1495.4	1493.1
15°	1460.1	1454.7	1463.2	1476.2	1476.2	1473.9	1473.9	1480.1	1497.0	1503.9	1507.7
17.5°	1447.8	1444.0	1453.9	1467.0	1467.8	1466.2	1467.0	1479.3	1501.6	1518.5	1529.2
20°	1432.4	1430.9	1441.7	1455.5	1457.8	1458.5	1462.4	1480.8	1511.5	1534.6	1545.3
22.5°	1414.0	1414.8	1427.1	1441.7	1444.7	1447.0	1454.7	1480.8	1519.2	1543.8	1548.4
25°	1393.3	1395.6	1408.6	1426.3	1430.1	1434.7	1447.8	1481.6	1521.5	1537.7	1530.0
27.5°	1371.0	1375.6	1392.5	1410.9	1415.5	1423.2	1440.1	1477.0	1510.8	1511.5	1483.1
30°	1347.9	1353.3	1373.3	1394.8	1402.5	1410.2	1430.9	1466.2	1484.7	1460.1	1410.2
32.5°	1321.8	1329.5	1349.5	1375.6	1384.8	1394.8	1415.5	1445.5	1438.6	1385.6	1314.2
35°	1288.8	1299.6	1322.6	1353.3	1361.8	1374.8	1389.4	1396.3	1365.6	1290.3	1209.7
37.5°	1248.1	1264.2	1291.1	1326.4	1335.7	1344.1	1347.9	1328.7	1267.3	1185.9	1102.2
40°	1201.2	1225.8	1255.0	1294.2	1303.4	1303.4	1289.6	1248.9	1171.3	1064.5	971.6
42.5°	1144.4	1174.4	1211.2	1250.4	1259.6	1248.9	1215.8	1144.4	1056.1	937.0	838.7
45°	1075.3	1115.2	1156.7	1197.4	1202.0	1178.2	1119.1	1028.4	919.4	808.8	715.1
47.5°	993.1	1045.3	1090.6	1136.7	1130.6	1090.6	1011.5	908.6	793.4	689.0	613.7
50°	900.9	962.4	1013.1	1056.9	1043.8	988.5	895.6	788.0	673.6	584.5	522.3
52.5°	802.6	873.3	924.0	959.3	941.6	875.6	773.4	670.5	576.8	495.4	453.9
55°	700.5	771.9	824.1	851.8	828.7	757.3	656.7	563.0	474.7	421.7	397.1
57.5°	601.4	668.2	717.4	739.6	710.5	639.0	546.1	467.0	403.2	358.7	346.4
60°	506.2	560.7	607.5	624.4	592.9	526.9	447.0	384.0	337.2	306.5	300.3
62.5°	417.8	462.4	499.2	512.3	481.6	430.1	361.0	314.1	281.1	265.7	258.1
65°	344.9	371.0	408.6	406.3	387.9	340.3	289.6	256.5	235.0	225.0	220.4
67.5°	271.1	294.9	318.7	321.8	298.8	265.7	232.7	208.9	197.4	192.0	189.7
70°	209.7	227.3	241.9	238.1	225.8	205.1	184.3	171.3	166.7	164.4	164.4
72.5°	162.8	172.0	179.0	174.3	166.7	155.9	145.9	140.6	141.3	142.9	144.4
75°	126.0	128.3	129.8	125.2	123.7	116.7	116.0	116.7	121.4	126.0	128.3
77.5°	96.8	93.7	91.4	86.8	87.6	86.8	90.6	96.8	103.7	110.6	116.7
80°	74.5	67.6	62.2	57.6	59.9	63.7	71.4	80.6	89.9	97.5	105.2
82.5°	57.6	47.6	39.9	35.3	39.9	46.1	56.1	67.6	78.3	86.8	95.2
85°	44.5	33.0	23.8	19.2	23.8	33.0	43.8	56.8	68.4	77.6	86.0
87.5°	34.6	23.8	13.1	7.7	13.1	23.0	35.3	47.6	59.1	69.9	78.3
90°	27.7	16.1	6.1	1.5	6.9	16.1	27.7	39.9	51.5	63.0	71.4
92.5°	22.3	11.5	3.1	0.0	3.8	12.3	23.0	34.6	46.1	56.8	65.3
95°	18.4	9.2	2.3	0.0	3.1	9.2	18.4	30.0	40.7	51.5	58.4
97.5°	15.4	6.9	1.5	0.0	1.5	7.7	15.4	25.3	36.1	46.1	53.0
100°	13.1	6.1	1.5	0.0	1.5	6.1	13.1	22.3	31.5	40.7	47.6
102.5°	10.8	4.6	0.8	0.8	0.8	4.6	11.5	19.2	27.7	36.1	43.0
105°	10.0	3.8	0.8	0.8	0.8	3.8	10.0	16.9	24.6	32.3	38.4
107.5°	8.4	3.1	0.8	0.8	0.8	3.1	8.4	14.6	22.3	29.2	34.6
110°	6.9	3.1	0.8	0.8	0.8	3.1	6.9	13.1	19.2	25.3	30.7



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.1	2.3	0.8	0.8	0.8	2.3	6.1	11.5	16.9	23.0	27.7
115°	5.4	2.3	0.8	0.8	0.8	2.3	5.4	10.0	14.6	20.0	24.6
117.5°	4.6	2.3	0.8	0.8	0.8	1.5	4.6	8.4	13.1	17.7	22.3
120°	3.8	1.5	0.8	0.8	0.8	1.5	3.8	7.7	11.5	15.4	19.2
122.5°	3.8	1.5	0.8	0.8	0.8	1.5	3.1	6.1	10.0	13.1	16.9
125°	3.1	1.5	0.8	0.8	0.8	0.8	3.1	5.4	8.4	11.5	14.6
127.5°	3.1	1.5	0.8	0.8	0.8	0.8	2.3	4.6	6.9	10.0	13.1
130°	2.3	1.5	0.8	0.8	0.8	0.8	1.5	3.8	6.1	8.4	10.8
132.5°	2.3	1.5	0.8	0.8	0.8	0.8	1.5	3.1	4.6	6.9	9.2
135°	2.3	0.8	0.8	0.8	0.8	0.8	0.8	2.3	3.8	5.4	6.9
137.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	1.5	3.1	3.8	6.1
140°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	1.5	2.3	3.1	4.6
142.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	2.3	3.8
145°	1.5	0.8	0.8	1.5	1.5	0.8	0.8	1.5	1.5	2.3	3.1
147.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	1.5	2.3
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.3
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1494.6	1477.0	1486.2	1483.1	1486.2	1493.9	1493.1	1490.8	1492.3	1488.5	1484.7
5°	1491.6	1473.9	1483.1	1479.3	1483.1	1490.8	1489.3	1487.0	1489.3	1484.7	1480.8
7.5°	1487.7	1471.6	1482.4	1481.6	1488.5	1498.5	1499.3	1499.3	1504.6	1497.7	1494.6
10°	1487.7	1479.3	1493.9	1499.3	1516.9	1530.0	1531.5	1534.6	1543.8	1542.3	1534.6
12.5°	1503.9	1502.3	1523.8	1536.9	1553.0	1571.5	1581.4	1584.5	1590.7	1586.0	1583.0
15°	1524.6	1532.3	1556.1	1570.7	1588.4	1602.2	1604.5	1606.0	1610.6	1603.7	1598.3
17.5°	1552.3	1556.9	1576.1	1582.2	1593.7	1596.0	1593.0	1585.3	1585.3	1569.9	1565.3
20°	1565.3	1563.0	1570.7	1560.7	1556.1	1542.3	1529.2	1514.6	1513.8	1497.7	1496.2
22.5°	1553.8	1538.4	1522.3	1497.7	1487.0	1467.0	1449.3	1440.9	1435.5	1414.8	1409.4
25°	1513.1	1475.4	1451.6	1422.4	1396.3	1373.3	1356.4	1338.7	1321.8	1304.9	1297.3
27.5°	1442.4	1407.1	1368.7	1328.0	1291.9	1256.5	1228.1	1210.5	1194.3	1172.1	1160.5
30°	1355.6	1306.5	1264.2	1225.1	1165.9	1122.9	1099.1	1063.8	1051.5	1041.5	1020.0
32.5°	1253.5	1194.3	1136.7	1083.7	1023.1	983.1	951.6	925.5	917.8	891.7	885.6
35°	1140.6	1063.0	997.7	945.5	901.7	853.3	827.2	809.5	794.2	776.5	773.4
37.5°	1007.7	937.8	864.1	818.0	783.4	741.9	722.0	709.7	702.8	689.7	687.4
40°	874.1	804.2	753.5	707.4	685.9	663.6	649.0	643.6	640.6	636.0	631.3
42.5°	752.7	691.3	655.2	624.4	615.2	604.5	600.6	603.7	600.6	599.1	598.3
45°	649.8	602.9	577.6	568.4	566.1	563.0	566.1	571.4	572.2	570.7	570.7
47.5°	556.1	533.8	523.0	524.6	528.4	530.7	536.1	543.0	544.6	540.7	542.3
50°	494.6	481.6	479.3	485.4	493.9	496.9	503.1	508.5	507.7	506.2	504.6
52.5°	437.0	433.2	439.3	445.5	454.7	456.2	458.5	460.8	460.1	457.0	455.5
55°	388.6	391.7	397.1	399.4	406.3	405.5	406.3	406.3	403.2	401.7	399.4
57.5°	344.9	345.6	348.7	349.5	353.3	351.8	351.0	349.5	344.9	344.1	341.8
60°	300.3	298.8	305.7	300.3	303.4	300.3	299.5	295.7	291.1	290.3	288.8
62.5°	258.1	255.0	259.6	257.3	258.8	255.8	254.2	249.6	245.8	245.0	244.2
65°	220.4	218.9	223.5	222.7	224.3	220.4	218.9	215.8	212.8	212.0	211.2
67.5°	188.9	192.8	195.1	195.1	196.6	195.9	192.0	191.2	190.5	187.4	187.4
70°	165.9	168.2	172.8	173.6	172.8	174.3	171.3	170.5	169.7	168.2	167.4
72.5°	147.5	150.5	155.1	155.9	155.1	155.1	153.6	152.8	152.8	150.5	150.5
75°	132.9	136.7	140.6	140.6	140.6	139.0	137.5	137.5	135.9	135.2	133.6
77.5°	120.6	125.2	128.3	127.5	126.7	125.2	125.2	122.9	120.6	120.6	119.0
80°	111.4	114.4	116.7	116.0	115.2	112.9	112.1	109.8	108.3	106.0	106.0
82.5°	101.4	105.2	106.8	106.0	104.5	102.2	101.4	99.8	98.3	97.5	96.0
85°	92.9	96.8	97.5	96.0	94.5	92.9	92.2	91.4	90.6	89.1	89.1
87.5°	84.5	88.3	88.3	87.6	86.0	85.3	84.5	83.7	83.0	82.2	81.4
90°	77.6	80.6	80.6	79.9	79.1	78.3	77.6	76.8	76.0	75.3	75.3
92.5°	70.7	73.7	73.7	73.0	72.2	71.4	71.4	70.7	69.9	69.1	68.4
95°	64.5	67.6	67.6	67.6	66.8	66.1	66.1	65.3	64.5	64.5	63.7
97.5°	58.4	61.4	61.4	61.4	60.7	59.9	59.9	59.1	59.1	59.1	58.4
100°	53.0	55.3	56.1	56.1	55.3	55.3	55.3	54.5	54.5	54.5	53.8
102.5°	47.6	49.9	51.5	51.5	51.5	50.7	50.7	50.7	50.7	50.7	49.9
105°	43.0	45.3	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
107.5°	39.2	41.5	43.0	43.8	44.5	44.5	45.3	45.3	45.3	45.3	45.3
110°	35.3	37.6	39.9	40.7	41.5	42.2	42.2	43.0	42.2	42.2	42.2



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	31.5	34.6	36.1	37.6	38.4	39.2	39.9	39.9	39.9	39.9	39.9
115°	28.4	31.5	33.0	34.6	36.1	36.9	36.9	37.6	37.6	37.6	36.9
117.5°	25.3	28.4	30.0	31.5	32.3	33.8	34.6	34.6	34.6	34.6	33.8
120°	23.0	25.3	26.9	28.4	30.0	30.7	31.5	31.5	31.5	31.5	31.5
122.5°	20.0	22.3	24.6	26.1	26.9	27.7	28.4	28.4	28.4	28.4	28.4
125°	17.7	20.0	21.5	23.0	23.8	25.3	25.3	25.3	25.3	25.3	25.3
127.5°	15.4	17.7	19.2	20.7	21.5	22.3	23.0	23.0	23.0	23.0	23.0
130°	13.1	15.4	16.9	18.4	19.2	20.0	20.0	20.7	20.7	20.7	20.7
132.5°	11.5	13.1	14.6	16.1	16.9	17.7	17.7	18.4	18.4	18.4	18.4
135°	9.2	11.5	12.3	13.8	14.6	15.4	15.4	16.1	16.1	16.1	16.1
137.5°	7.7	9.2	10.8	12.3	13.1	13.1	13.8	13.8	14.6	14.6	14.6
140°	6.1	6.9	9.2	10.0	10.8	11.5	12.3	12.3	12.3	12.3	12.3
142.5°	4.6	6.1	6.9	8.4	9.2	10.0	10.8	10.8	10.8	10.8	10.8
145°	3.8	4.6	5.4	6.9	7.7	8.4	9.2	9.2	9.2	9.2	9.2
147.5°	3.1	3.8	4.6	5.4	6.1	6.9	7.7	7.7	7.7	7.7	7.7
150°	2.3	3.1	3.8	3.8	4.6	5.4	6.1	6.9	6.9	6.9	6.9
152.5°	2.3	2.3	3.1	3.1	3.8	4.6	5.4	5.4	5.4	5.4	5.4
155°	1.5	2.3	2.3	2.3	3.1	3.1	3.8	4.6	4.6	4.6	4.6
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1487.0	1490.0	1488.5	1486.2	1485.4	1489.3	1485.4	1467.8	1474.7	1475.4	1480.8
5°	1484.7	1487.0	1485.4	1483.9	1481.6	1486.2	1481.6	1463.2	1470.1	1470.8	1476.2
7.5°	1500.0	1500.8	1500.8	1497.0	1490.8	1493.1	1487.0	1466.2	1470.1	1470.1	1473.9
10°	1538.4	1540.0	1542.3	1532.3	1524.6	1518.5	1510.0	1484.7	1483.9	1477.8	1477.8
12.5°	1588.4	1584.5	1580.7	1576.1	1569.9	1562.2	1549.9	1520.0	1510.0	1500.0	1490.0
15°	1602.9	1601.4	1600.6	1598.3	1594.5	1592.2	1583.0	1553.0	1538.4	1526.1	1508.5
17.5°	1564.5	1567.6	1577.6	1578.4	1583.0	1592.2	1590.7	1569.9	1556.9	1551.5	1530.0
20°	1495.4	1496.2	1508.5	1513.8	1533.8	1549.2	1560.7	1558.4	1555.3	1561.5	1545.3
22.5°	1412.5	1417.8	1430.9	1439.3	1458.5	1476.2	1494.6	1504.6	1520.8	1546.1	1543.0
25°	1299.6	1306.5	1324.9	1338.7	1365.6	1392.5	1417.1	1434.7	1453.9	1502.3	1518.5
27.5°	1164.4	1175.1	1198.9	1212.8	1250.4	1278.1	1313.4	1347.9	1374.8	1430.1	1463.2
30°	1022.3	1031.5	1056.9	1076.1	1108.3	1145.9	1190.5	1239.7	1284.2	1340.3	1381.7
32.5°	889.4	899.4	920.1	937.0	973.1	1004.6	1053.8	1114.5	1155.9	1233.5	1288.8
35°	773.4	782.7	797.2	811.8	841.8	874.1	916.3	975.4	1028.4	1109.1	1179.0
37.5°	692.0	693.6	702.0	710.5	732.7	757.3	790.3	842.6	891.7	978.5	1055.3
40°	633.7	633.7	638.3	640.6	650.5	665.1	685.9	726.6	767.3	833.3	927.1
42.5°	597.6	596.0	596.0	596.8	596.0	602.9	615.2	634.4	670.5	725.1	798.0
45°	570.7	567.6	565.3	559.9	556.8	556.8	557.6	564.5	585.3	620.6	679.7
47.5°	540.7	539.9	536.1	530.0	524.6	520.7	514.6	512.3	518.4	538.4	578.4
50°	506.2	502.3	498.5	493.9	487.7	483.9	472.4	473.1	467.7	477.0	497.7
52.5°	455.5	452.4	450.9	447.0	444.7	443.2	434.0	424.7	422.4	424.0	431.7
55°	399.4	400.9	394.8	397.9	397.1	390.2	386.3	379.4	377.1	376.4	380.2
57.5°	341.0	342.6	338.7	341.8	341.8	337.9	335.6	335.6	330.3	325.7	331.0
60°	288.0	285.0	287.3	291.1	291.1	288.8	287.3	287.3	283.4	281.9	285.7
62.5°	245.0	241.9	244.2	248.1	248.9	247.3	245.8	245.8	241.2	241.2	244.2
65°	212.0	212.8	212.0	215.1	215.1	215.8	214.3	212.8	207.4	209.7	208.9
67.5°	188.2	187.4	187.4	190.5	189.7	191.2	189.7	187.4	183.6	180.5	179.7
70°	168.2	167.4	167.4	169.0	169.7	169.7	169.0	167.4	162.1	159.0	156.7
72.5°	150.5	149.8	150.5	151.3	152.1	152.8	152.1	150.5	145.9	142.1	138.3
75°	134.4	133.6	135.9	135.9	136.7	136.7	137.5	136.7	132.9	128.3	123.7
77.5°	118.3	119.0	121.4	122.1	123.7	124.4	125.2	125.2	121.4	117.5	111.4
80°	105.2	106.8	108.3	109.1	110.6	112.9	113.7	114.4	111.4	107.5	100.6
82.5°	96.0	96.8	98.3	99.1	101.4	102.2	102.9	104.5	102.9	99.1	91.4
85°	88.3	89.1	90.6	90.6	92.2	93.7	94.5	95.2	94.5	90.6	83.0
87.5°	81.4	82.2	83.0	83.7	84.5	85.3	86.0	86.8	86.0	82.2	75.3
90°	75.3	75.3	76.0	76.0	76.8	77.6	79.1	79.1	78.3	75.3	68.4
92.5°	68.4	69.1	69.1	69.9	70.7	71.4	72.2	72.2	71.4	68.4	62.2
95°	63.7	63.7	64.5	64.5	65.3	65.3	66.1	66.1	65.3	62.2	56.1
97.5°	58.4	58.4	58.4	58.4	59.1	59.1	59.9	59.9	59.1	56.1	50.7
100°	53.8	53.8	53.8	53.8	53.8	54.5	54.5	54.5	53.8	50.7	45.3
102.5°	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	48.4	46.1	40.7
105°	47.6	47.6	47.6	46.9	46.9	46.9	46.1	46.1	43.8	41.5	36.9
107.5°	44.5	44.5	44.5	43.8	43.8	43.0	42.2	42.2	39.9	37.6	33.0
110°	42.2	42.2	42.2	41.5	40.7	39.9	39.2	38.4	36.1	33.0	29.2



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	39.9	39.9	39.2	39.2	38.4	37.6	36.1	35.3	33.0	30.0	26.1
115°	36.9	36.9	36.9	36.1	35.3	34.6	33.8	32.3	30.0	26.9	23.0
117.5°	33.8	33.8	33.8	33.0	32.3	31.5	30.7	29.2	26.9	23.8	20.7
120°	30.7	30.7	30.7	30.0	29.2	28.4	27.7	26.1	23.8	21.5	17.7
122.5°	28.4	28.4	27.7	26.9	26.1	25.3	24.6	23.0	21.5	18.4	15.4
125°	25.3	25.3	24.6	24.6	23.8	23.0	22.3	20.7	18.4	16.1	13.8
127.5°	23.0	22.3	22.3	22.3	21.5	20.7	19.2	18.4	16.1	13.8	11.5
130°	20.0	20.0	20.0	19.2	19.2	18.4	16.9	15.4	13.8	12.3	10.0
132.5°	17.7	17.7	17.7	17.7	16.9	16.1	14.6	13.8	12.3	10.0	8.4
135°	16.1	16.1	15.4	15.4	14.6	13.8	13.1	11.5	10.0	8.4	6.9
137.5°	13.8	13.8	13.8	13.1	13.1	12.3	10.8	10.0	9.2	7.7	6.1
140°	12.3	12.3	11.5	11.5	10.8	10.8	10.0	8.4	7.7	6.1	5.4
142.5°	10.8	10.8	10.0	10.0	9.2	9.2	8.4	7.7	6.1	5.4	3.8
145°	9.2	9.2	8.4	8.4	8.4	7.7	6.9	6.1	5.4	4.6	3.8
147.5°	7.7	7.7	7.7	6.9	6.9	6.1	6.1	5.4	4.6	3.8	3.1
150°	6.9	6.9	6.1	6.1	6.1	5.4	4.6	4.6	3.8	3.1	2.3
152.5°	5.4	5.4	5.4	5.4	4.6	4.6	3.8	3.8	3.1	2.3	2.3
155°	4.6	4.6	4.6	3.8	3.8	3.8	3.1	3.1	2.3	2.3	1.5
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: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1478.5	1477.8	1484.7	1483.9	1474.7	1488.5	1497.7
5°	1474.7	1473.9	1480.1	1481.6	1471.6	1486.2	1496.2
7.5°	1471.6	1470.8	1477.8	1480.1	1470.1	1483.1	1493.9
10°	1472.4	1468.5	1474.7	1476.2	1467.0	1480.8	1490.0
12.5°	1477.8	1468.5	1470.8	1470.8	1462.4	1474.7	1484.7
15°	1490.8	1471.6	1468.5	1466.2	1455.5	1467.0	1477.0
17.5°	1505.4	1479.3	1468.5	1460.9	1447.8	1457.8	1468.5
20°	1520.0	1487.7	1470.1	1457.8	1440.1	1449.3	1457.0
22.5°	1526.9	1495.4	1471.6	1453.2	1430.9	1435.5	1444.0
25°	1517.7	1492.3	1468.5	1446.3	1419.4	1420.1	1427.1
27.5°	1483.9	1477.0	1461.6	1439.3	1410.2	1406.3	1411.7
30°	1426.3	1445.5	1446.3	1430.1	1399.4	1391.7	1394.0
32.5°	1345.6	1388.7	1414.0	1410.9	1384.0	1373.3	1374.8
35°	1252.7	1306.5	1361.8	1380.2	1361.0	1352.6	1349.5
37.5°	1141.3	1213.5	1287.3	1332.6	1329.5	1324.1	1321.1
40°	1018.4	1105.2	1192.8	1265.0	1287.3	1287.3	1288.8
42.5°	887.1	988.5	1084.5	1175.9	1228.1	1239.7	1244.3
45°	760.4	862.5	967.0	1072.2	1142.1	1178.2	1191.3
47.5°	645.2	748.1	847.2	962.4	1055.3	1102.2	1122.9
50°	546.9	623.7	728.1	842.6	943.9	1001.6	1042.3
52.5°	465.4	525.4	616.8	723.5	825.7	904.8	942.4
55°	397.1	437.8	515.4	607.5	705.1	787.3	831.0
57.5°	339.5	371.7	424.7	501.5	583.7	665.1	712.0
60°	288.8	311.1	347.2	407.8	477.7	547.6	592.9
62.5°	245.0	259.6	283.4	328.0	382.5	437.0	479.3
65°	211.2	217.4	230.4	258.1	299.5	341.0	377.1
67.5°	178.2	182.0	192.0	208.9	229.7	259.6	283.4
70°	153.6	153.6	154.4	164.4	175.1	194.3	211.2
72.5°	133.6	131.3	126.7	129.0	131.3	142.1	152.8
75°	117.5	112.1	104.5	101.4	99.8	101.4	107.5
77.5°	103.7	96.0	86.8	79.1	73.0	70.7	76.0
80°	92.2	83.0	72.2	62.2	52.2	46.9	49.2
82.5°	83.0	71.4	59.9	48.4	36.9	29.2	29.2
85°	73.0	62.2	49.9	37.6	26.1	16.1	14.6
87.5°	66.1	54.5	41.5	30.0	18.4	8.4	4.6
90°	59.1	47.6	35.3	23.8	13.1	3.8	0.0
92.5°	53.0	42.2	30.7	19.2	9.2	2.3	0.0
95°	47.6	37.6	26.1	16.1	7.7	1.5	0.8
97.5°	42.2	33.0	23.0	13.1	5.4	1.5	0.8
100°	38.4	29.2	20.0	10.8	4.6	0.8	0.8
102.5°	33.8	26.1	16.9	9.2	3.8	0.8	0.8
105°	30.0	23.0	14.6	7.7	3.1	0.8	0.8
107.5°	26.9	20.0	13.1	6.9	3.1	0.8	0.8
110°	23.8	17.7	11.5	6.1	2.3	0.8	0.8



TEST NUMBER: P290213

CATALOG NUMBER: 8SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	21.5	15.4	10.0	5.4	1.5	0.8	0.8
115°	18.4	13.8	8.4	4.6	1.5	0.8	0.8
117.5°	16.1	11.5	7.7	3.8	1.5	0.8	0.8
120°	13.8	10.0	6.1	3.1	0.8	0.8	0.8
122.5°	12.3	8.4	5.4	3.1	0.8	0.8	0.8
125°	10.8	7.7	4.6	2.3	0.8	0.8	0.8
127.5°	9.2	6.1	3.8	1.5	0.8	0.8	0.8
130°	7.7	5.4	3.1	1.5	0.8	0.8	0.8
132.5°	6.1	4.6	3.1	1.5	0.8	0.8	0.8
135°	5.4	3.8	2.3	1.5	0.8	0.8	0.8
137.5°	4.6	3.1	1.5	1.5	1.5	0.8	0.8
140°	3.8	2.3	1.5	1.5	1.5	1.5	0.8
142.5°	3.1	2.3	1.5	1.5	1.5	1.5	0.8
145°	2.3	1.5	1.5	1.5	1.5	1.5	0.8
147.5°	2.3	1.5	1.5	1.5	1.5	1.5	0.8
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
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)