

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: P290212

Luminaire Tested: **8SSRK-LC-40-L930-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: P290212  
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-L930-CD1-U  
Description: 4000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3339.5 lumens  
Efficiency: N/A  
Efficacy: 123.6 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

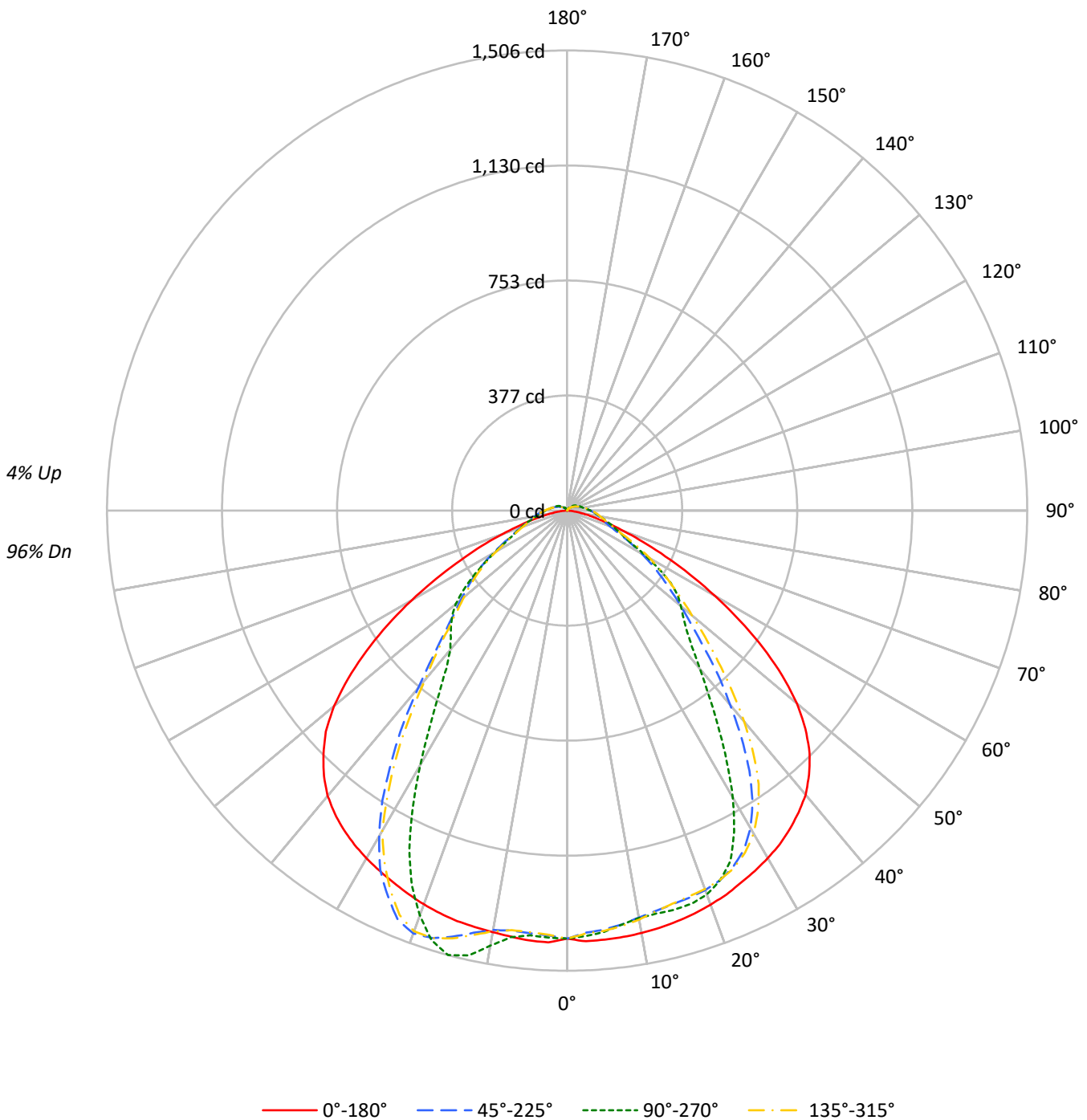
Input Watts (W): 27.0151  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	45234	45234	45234	45234
5°	45606	33237	45699	33499
10°	45858	26031	45764	27798
15°	46257	21822	46234	24298
20°	46813	18711	46765	19722
25°	47440	15728	47415	15197
30°	48387	12220	48413	10826
35°	49395	8931	49535	7557
40°	50303	6532	50511	5755
45°	50206	5043	50466	4910
50°	48132	4235	48804	4141
55°	42803	3471	43869	3156
60°	34820	2417	36671	2217
65°	25987	1674	27998	1588
70°	17771	1299	20031	1242
75°	11727	1043	13649	986
80°	7700	852	9031	784
85°	4100	729	5416	665



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	133.1	4.0
10°-20°	395.9	11.9
20°-30°	601.9	18.0
30°-40°	645.7	19.3
40°-50°	560.4	16.8
50°-60°	415.3	12.4
60°-70°	238.0	7.1
70°-80°	131.8	3.9
80°-90°	80.2	2.4
90°-100°	52.2	1.6
100°-110°	34.9	1.0
110°-120°	23.6	0.7
120°-130°	14.5	0.4
130°-140°	7.6	0.2
140°-150°	3.5	0.1
150°-160°	1.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1130.9	33.9
0°-40°	1776.6	53.2
0°-60°	2752.3	82.4
0°-90°	3202.2	95.9
90°-120°	110.7	3.3
90°-150°	136.3	4.1
90°-180°	137.0	4.1
0°-180°	3339.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1401	1401	1401	1401	1401	
5°	1410	1384	1412	1395	1410	134
15°	1391	1352	1391	1506	1391	394
25°	1344	1265	1344	1222	1344	621
35°	1271	861	1275	729	1271	796
45°	1122	552	1128	538	1122	859
55°	783	414	802	376	783	694
65°	355	210	383	199	355	358
75°	101	133	118	126	101	116
85°	14	92	18	84	14	18
90°	0	77	1	71	0	1
95°	1	63	0	60	1	0
105°	1	47	1	45	1	1
115°	1	38	1	35	1	1
125°	1	29	1	24	1	1
135°	1	18	1	15	1	1
145°	1	11	1	9	1	0
155°	1	5	1	4	1	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1411.0	1407.4	1405.9	1403.0	1405.2	1413.9	1408.1	1398.7	1399.4	1382.8	1391.4
5°	1409.5	1405.2	1403.0	1400.1	1401.6	1409.5	1403.7	1394.3	1393.6	1377.0	1384.9
7.5°	1407.4	1403.0	1399.4	1397.2	1398.0	1404.5	1397.2	1386.4	1384.2	1366.1	1373.3
10°	1403.7	1400.8	1395.8	1392.2	1391.4	1398.7	1387.1	1376.2	1371.2	1352.4	1359.6
12.5°	1398.7	1394.3	1389.3	1382.8	1382.0	1386.4	1377.0	1361.8	1356.7	1341.5	1349.5
15°	1391.4	1386.4	1380.6	1373.3	1369.7	1372.6	1361.0	1347.3	1346.6	1333.6	1344.4
17.5°	1383.5	1376.2	1369.7	1359.6	1354.5	1356.7	1347.3	1335.0	1336.4	1328.5	1340.8
20°	1372.6	1364.7	1354.5	1344.4	1337.2	1340.8	1334.3	1324.9	1327.0	1321.3	1332.1
22.5°	1360.3	1349.5	1337.2	1325.6	1319.8	1324.9	1319.8	1311.8	1312.6	1309.0	1315.5
25°	1344.4	1332.1	1317.6	1303.2	1300.3	1303.9	1301.0	1294.5	1291.6	1285.8	1288.7
27.5°	1329.9	1316.2	1298.1	1282.9	1277.8	1285.1	1278.6	1267.7	1259.7	1251.8	1246.0
30°	1313.3	1296.7	1276.4	1259.0	1254.7	1257.6	1248.2	1231.5	1210.5	1200.4	1184.5
32.5°	1295.2	1273.5	1248.2	1228.6	1225.7	1223.6	1206.2	1182.3	1149.8	1129.5	1104.9
35°	1271.3	1247.4	1217.1	1193.2	1188.8	1176.5	1148.3	1116.5	1074.5	1039.8	997.8
37.5°	1244.6	1216.3	1184.5	1152.7	1140.4	1115.8	1076.0	1042.7	979.0	937.0	886.4
40°	1214.2	1180.2	1141.1	1102.7	1082.5	1042.7	997.1	947.9	886.4	829.9	787.3
42.5°	1172.2	1136.0	1089.7	1047.0	1012.3	959.5	905.9	836.5	780.0	732.3	688.8
45°	1122.3	1078.9	1025.3	973.9	929.8	866.8	803.9	734.4	687.4	631.7	602.0
47.5°	1057.9	1010.8	953.7	896.5	838.6	769.2	703.3	636.7	589.7	549.9	528.2
50°	981.9	938.5	875.5	807.5	743.8	671.5	605.6	555.7	510.1	485.5	468.9
52.5°	887.8	847.3	782.9	709.1	647.6	576.7	516.6	476.1	443.6	425.5	419.7
55°	782.9	747.5	683.8	615.0	552.1	487.0	441.4	405.9	384.9	374.1	374.8
57.5°	670.8	643.3	583.2	521.7	462.4	413.2	371.9	343.7	327.8	327.1	329.2
60°	558.6	538.3	486.2	433.4	381.3	341.5	311.1	291.6	281.5	282.2	281.5
62.5°	451.5	432.7	395.1	351.7	310.4	283.6	256.1	248.2	239.5	238.8	238.8
65°	355.3	340.8	310.4	279.3	248.2	230.8	217.1	207.7	201.2	199.7	200.4
67.5°	267.0	261.2	240.2	219.2	199.7	188.9	177.3	175.1	170.0	170.0	171.5
70°	199.0	194.6	183.1	170.8	162.8	155.6	149.8	149.8	149.1	148.3	152.0
72.5°	144.0	144.7	141.1	131.7	131.0	129.5	128.1	130.2	131.0	133.1	137.5
75°	101.3	103.5	103.5	102.0	104.9	108.5	110.7	114.3	118.7	121.6	126.6
77.5°	71.6	71.6	75.3	79.6	85.4	91.9	97.7	102.7	108.5	112.2	116.5
80°	46.3	48.5	54.3	62.2	70.2	78.9	86.8	93.3	99.1	104.9	107.8
82.5°	27.5	31.1	38.3	48.5	58.6	69.5	77.4	85.4	91.9	97.7	99.9
85°	13.7	18.8	27.5	38.3	49.2	60.8	70.9	78.1	85.4	90.4	93.3
87.5°	4.3	10.1	19.5	29.7	41.2	52.8	63.7	71.6	78.1	82.5	85.4
90°	0.0	5.1	13.7	24.6	35.5	47.0	57.2	65.8	72.4	76.0	78.1
92.5°	0.0	2.9	10.9	20.3	30.4	42.0	52.1	60.1	65.8	69.5	70.9
95°	0.7	2.2	8.0	16.6	26.8	37.6	47.0	54.3	60.1	63.7	64.4
97.5°	0.7	1.4	6.5	13.7	23.2	33.3	42.7	49.9	54.3	57.9	58.6
100°	0.7	1.4	5.1	12.3	20.3	29.7	38.3	44.9	49.9	52.8	53.5
102.5°	0.7	0.7	4.3	10.1	18.1	26.0	34.0	40.5	44.9	47.8	49.2
105°	0.7	0.7	3.6	8.7	15.9	23.2	30.4	36.9	40.5	43.4	44.9
107.5°	0.7	0.7	2.9	7.2	13.7	20.3	27.5	32.6	36.9	39.8	41.2
110°	0.7	0.7	2.2	6.5	11.6	18.1	23.9	28.9	33.3	36.2	37.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.7	0.7	2.2	5.8	10.1	15.9	21.0	26.0	29.7	32.6	34.7
115°	0.7	0.7	2.2	5.1	9.4	13.7	18.8	23.2	26.8	29.7	31.8
117.5°	0.7	0.7	2.2	4.3	8.0	12.3	16.6	21.0	23.9	26.8	28.9
120°	0.7	0.7	1.4	3.6	7.2	10.9	14.5	18.1	21.7	24.6	26.8
122.5°	0.7	0.7	1.4	3.6	5.8	9.4	13.0	15.9	19.5	21.7	23.9
125°	0.7	0.7	1.4	2.9	5.1	8.7	11.6	14.5	16.6	19.5	21.7
127.5°	0.7	0.7	1.4	2.9	4.3	7.2	10.1	13.0	15.2	17.4	18.8
130°	0.7	0.7	1.4	2.2	3.6	5.8	8.7	10.9	13.7	15.2	16.6
132.5°	0.7	0.7	0.7	2.2	2.9	4.3	6.5	9.4	11.6	13.7	14.5
135°	0.7	0.7	0.7	1.4	2.9	3.6	5.1	7.2	9.4	11.6	13.0
137.5°	0.7	0.7	0.7	1.4	2.2	3.6	4.3	5.8	8.0	9.4	11.6
140°	0.7	0.7	0.7	1.4	2.2	2.9	3.6	5.1	6.5	8.0	9.4
142.5°	0.7	0.7	0.7	1.4	1.4	2.2	2.9	4.3	5.1	6.5	8.0
145°	0.7	0.7	0.7	1.4	1.4	2.2	2.9	3.6	4.3	5.1	6.5
147.5°	0.7	0.7	0.7	1.4	1.4	1.4	2.2	2.9	3.6	4.3	5.1
150°	1.4	1.4	1.4	1.4	1.4	1.4	2.2	2.2	2.9	3.6	4.3
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	2.2	2.2	2.2	2.9	3.6
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.2	2.2	2.9	2.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1388.5	1390.0	1398.7	1398.0	1396.5	1395.1	1395.1	1393.6	1395.1	1398.7	1397.2
5°	1381.3	1383.5	1390.0	1389.3	1387.8	1387.1	1386.4	1384.2	1385.7	1390.7	1389.3
7.5°	1368.3	1370.5	1376.2	1373.3	1371.2	1372.6	1369.0	1366.8	1369.7	1374.8	1374.1
10°	1354.5	1356.0	1363.2	1361.8	1358.2	1358.9	1355.3	1353.8	1357.4	1360.3	1361.0
12.5°	1345.1	1350.2	1356.7	1356.0	1355.3	1356.0	1352.4	1350.9	1353.1	1356.0	1355.3
15°	1343.0	1349.5	1356.7	1356.7	1357.4	1358.2	1354.5	1352.4	1354.5	1356.7	1356.0
17.5°	1340.8	1348.7	1355.3	1354.5	1355.3	1356.7	1350.9	1349.5	1352.4	1355.3	1353.8
20°	1333.6	1340.8	1345.1	1343.7	1343.7	1344.4	1337.2	1337.2	1341.5	1343.7	1344.4
22.5°	1313.3	1322.0	1322.0	1318.4	1318.4	1315.5	1313.3	1309.0	1314.0	1317.6	1320.5
25°	1282.9	1286.5	1282.2	1274.2	1269.9	1266.3	1256.1	1264.8	1264.8	1275.7	1279.3
27.5°	1240.2	1232.3	1220.0	1203.3	1199.7	1188.1	1181.6	1183.8	1187.4	1202.6	1214.2
30°	1170.0	1146.1	1125.2	1117.9	1102.0	1090.4	1078.9	1084.6	1091.2	1099.8	1123.7
32.5°	1077.4	1054.3	1020.2	1007.9	991.3	976.8	963.1	971.8	983.3	989.1	1015.2
35°	971.0	943.5	912.4	891.4	874.1	866.1	848.8	861.1	873.4	877.7	900.1
37.5°	858.2	829.9	802.4	784.4	767.7	762.7	751.1	759.8	769.2	775.7	794.5
40°	751.1	725.0	704.0	691.7	680.2	675.8	671.5	675.1	682.3	687.4	701.9
42.5°	659.2	638.2	623.7	616.5	608.5	602.7	603.5	604.9	608.5	619.4	625.9
45°	578.9	566.6	557.2	555.7	550.6	549.9	549.2	552.1	554.3	560.8	565.8
47.5°	514.5	509.4	507.2	510.1	512.3	509.4	510.8	514.5	518.8	518.8	518.1
50°	463.8	465.3	468.2	474.7	479.0	480.5	481.9	486.2	487.0	488.4	486.2
52.5°	422.6	424.0	432.0	442.1	447.2	449.3	452.2	456.6	456.6	458.0	455.1
55°	380.6	382.8	390.7	400.9	405.2	408.1	411.0	413.9	416.1	419.0	416.8
57.5°	334.3	340.8	345.9	348.8	351.7	353.8	356.0	356.7	361.1	361.8	365.4
60°	285.1	286.5	291.6	290.9	288.7	294.5	291.6	296.7	301.7	308.2	309.0
62.5°	238.1	238.8	242.4	241.0	243.8	243.1	245.3	245.3	248.9	251.8	255.4
65°	201.2	201.9	204.8	204.8	204.0	206.2	208.4	209.8	209.8	212.0	214.9
67.5°	173.7	175.8	178.7	180.2	181.6	181.6	183.8	184.5	186.0	186.7	188.1
70°	154.8	157.7	160.6	162.1	162.8	164.3	165.0	165.0	166.4	167.1	168.6
72.5°	141.1	144.0	146.2	146.2	147.6	148.3	148.3	149.1	149.8	151.2	152.7
75°	129.5	131.7	133.1	132.4	132.4	132.4	133.1	133.1	134.6	136.0	137.5
77.5°	118.7	120.8	120.8	119.4	119.4	119.4	119.4	120.1	120.8	122.3	123.7
80°	110.7	110.7	110.0	110.0	108.5	107.8	107.8	108.5	108.5	110.0	112.2
82.5°	102.0	102.0	101.3	100.6	99.9	99.1	99.1	99.9	100.6	101.3	102.7
85°	94.1	94.1	92.6	92.6	91.9	91.9	91.9	91.9	92.6	93.3	94.8
87.5°	86.1	85.4	84.7	83.9	83.9	83.9	83.9	83.9	84.7	86.1	86.8
90°	78.1	77.4	76.7	76.7	76.0	76.0	76.7	76.7	77.4	78.1	78.9
92.5°	70.9	70.2	69.5	69.5	68.7	68.7	69.5	68.7	70.2	70.2	70.9
95°	64.4	63.7	63.0	63.0	63.0	63.0	63.0	63.0	63.7	63.7	64.4
97.5°	58.6	57.9	57.2	57.2	57.9	57.2	57.9	57.9	57.9	58.6	59.3
100°	53.5	52.8	52.8	53.5	52.8	52.8	53.5	53.5	53.5	53.5	54.3
102.5°	49.2	49.2	49.2	49.2	49.2	49.2	49.9	49.9	49.9	49.9	50.7
105°	44.9	45.6	45.6	45.6	46.3	46.3	46.3	47.0	47.0	47.0	47.0
107.5°	42.0	42.7	42.7	43.4	43.4	44.1	44.1	44.1	44.1	44.9	44.9
110°	39.1	39.8	40.5	41.2	41.2	42.0	42.0	42.0	42.0	42.0	42.0





TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	36.2	36.9	37.6	39.1	39.8	39.8	39.8	39.8	40.5	40.5	39.8
115°	33.3	34.7	35.5	36.9	37.6	37.6	38.3	38.3	38.3	38.3	37.6
117.5°	30.4	32.6	33.3	34.7	35.5	35.5	36.2	36.2	36.2	36.2	35.5
120°	28.2	29.7	31.1	31.8	32.6	33.3	33.3	34.0	34.0	34.0	33.3
122.5°	26.0	27.5	28.9	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1
125°	23.2	24.6	26.0	26.8	27.5	28.2	28.2	28.9	28.9	28.9	28.2
127.5°	21.0	22.4	23.2	24.6	25.3	25.3	26.0	26.0	26.0	26.0	25.3
130°	18.1	19.5	21.0	21.7	22.4	22.4	23.2	23.2	23.2	23.2	23.2
132.5°	15.9	17.4	18.1	19.5	19.5	20.3	20.3	21.0	21.0	21.0	20.3
135°	14.5	15.2	15.9	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1
137.5°	13.0	13.7	14.5	15.2	15.2	15.9	15.9	15.9	15.9	16.6	15.9
140°	10.9	12.3	13.0	13.0	13.7	13.7	13.7	14.5	14.5	14.5	13.7
142.5°	9.4	10.1	10.9	11.6	12.3	12.3	12.3	12.3	13.0	12.3	12.3
145°	7.2	8.7	9.4	10.1	10.9	10.9	10.9	10.9	10.9	10.9	10.9
147.5°	5.8	6.5	8.0	8.7	8.7	9.4	9.4	9.4	9.4	9.4	9.4
150°	5.1	5.1	6.5	7.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0
152.5°	3.6	4.3	5.1	5.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5
155°	3.6	3.6	4.3	4.3	5.1	5.1	5.1	5.1	5.8	5.1	5.1
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: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1395.1	1394.3	1397.2	1394.3	1379.9	1385.7	1383.5	1391.4	1392.2	1394.3	1401.6
5°	1387.8	1387.8	1391.4	1388.5	1374.8	1380.6	1379.9	1387.8	1389.3	1390.7	1398.7
7.5°	1373.3	1374.1	1379.1	1377.0	1362.5	1371.2	1370.5	1379.9	1382.8	1385.7	1392.9
10°	1359.6	1358.9	1364.7	1362.5	1348.7	1358.9	1358.2	1367.6	1371.9	1377.0	1385.7
12.5°	1352.4	1350.2	1352.4	1350.2	1335.0	1343.0	1343.7	1354.5	1359.6	1366.1	1376.2
15°	1352.4	1348.7	1348.7	1344.4	1327.0	1332.1	1332.8	1340.1	1346.6	1353.1	1365.4
17.5°	1350.9	1347.3	1346.6	1343.0	1324.1	1324.1	1323.4	1328.5	1332.1	1338.6	1351.6
20°	1343.0	1341.5	1340.8	1338.6	1321.3	1318.4	1316.9	1316.9	1319.1	1321.3	1334.3
22.5°	1322.0	1323.4	1324.9	1326.3	1312.6	1307.5	1308.2	1306.8	1304.6	1304.6	1315.5
25°	1282.9	1290.1	1295.9	1302.4	1294.5	1290.9	1295.2	1293.0	1289.4	1286.5	1295.9
27.5°	1220.7	1235.9	1248.2	1264.1	1264.8	1261.9	1273.5	1272.0	1271.3	1267.0	1274.2
30°	1134.6	1158.4	1175.1	1198.2	1217.8	1220.7	1240.2	1243.1	1246.0	1243.8	1251.1
32.5°	1030.4	1062.9	1091.2	1127.3	1146.1	1162.8	1190.3	1201.9	1213.4	1217.1	1225.0
35°	916.8	953.7	987.0	1026.8	1056.4	1092.6	1125.9	1143.3	1169.3	1179.4	1191.0
37.5°	809.0	843.7	876.3	916.0	963.8	1001.4	1042.7	1081.7	1117.2	1131.7	1149.0
40°	713.4	741.7	772.8	807.5	850.9	900.1	945.0	999.3	1041.2	1070.2	1095.5
42.5°	641.1	654.8	681.6	712.7	747.5	797.4	843.0	903.7	954.4	995.6	1037.6
45°	576.7	583.2	602.7	619.4	654.8	699.0	747.5	806.8	859.6	912.4	963.1
47.5°	521.7	529.7	539.1	549.2	574.5	611.4	653.4	706.9	759.8	821.3	879.1
50°	484.8	487.0	488.4	492.8	508.0	533.3	567.3	612.9	663.5	729.4	790.9
52.5°	452.2	452.2	447.9	445.7	451.5	467.4	487.0	519.5	571.6	632.4	697.5
55°	417.5	411.0	409.5	402.3	403.8	411.0	420.4	445.7	488.4	540.5	603.5
57.5°	369.0	366.1	366.1	363.2	357.4	361.1	363.2	381.3	411.7	456.6	511.6
60°	313.3	311.9	315.5	316.2	311.1	313.3	312.6	323.4	345.1	381.3	426.9
62.5°	257.6	264.1	264.8	267.7	264.8	264.1	267.7	277.1	288.0	315.5	350.9
65°	216.3	220.0	220.7	224.3	222.9	222.9	225.8	233.0	239.5	258.3	285.8
67.5°	189.6	188.1	188.9	191.0	188.9	188.1	190.3	194.6	199.7	211.3	230.8
70°	168.6	167.1	167.1	167.1	164.3	162.1	162.8	164.3	166.4	172.9	185.2
72.5°	152.7	152.7	150.5	148.3	146.2	144.7	143.3	141.8	141.1	143.3	149.8
75°	138.2	138.9	138.2	136.0	133.1	130.2	127.3	124.5	120.8	119.4	120.1
77.5°	125.2	125.9	126.6	125.9	123.0	119.4	115.0	110.7	105.6	100.6	97.7
80°	113.6	115.0	115.8	115.0	112.9	110.0	104.9	99.9	92.6	86.1	78.9
82.5°	103.5	105.6	106.4	106.4	104.9	102.0	96.2	90.4	82.5	73.8	64.4
85°	95.5	97.0	98.4	98.4	97.7	94.8	89.0	82.5	74.5	64.4	54.3
87.5°	87.6	88.3	89.7	91.2	89.7	86.8	81.8	74.5	66.6	56.4	44.9
90°	79.6	80.3	81.8	83.2	82.5	79.6	75.3	68.7	60.1	49.2	37.6
92.5°	71.6	73.1	73.8	74.5	75.3	73.1	69.5	63.0	54.3	43.4	32.6
95°	65.8	65.8	67.3	68.0	68.7	66.6	63.7	57.2	49.2	39.1	28.2
97.5°	60.1	60.1	61.5	61.5	62.2	60.8	57.9	52.1	44.1	34.7	23.9
100°	54.3	55.0	55.7	56.4	56.4	55.7	52.8	47.0	39.8	31.1	21.0
102.5°	50.7	50.7	51.4	51.4	52.1	50.7	47.8	42.7	35.5	27.5	18.1
105°	47.0	47.0	47.8	47.8	47.0	45.6	42.7	38.3	31.8	23.9	15.9
107.5°	44.1	44.1	44.1	44.1	43.4	42.0	39.1	34.0	28.2	21.7	14.5
110°	42.0	41.2	41.2	40.5	39.8	37.6	34.7	30.4	25.3	18.8	12.3



TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	39.8	39.1	38.3	37.6	36.2	34.0	31.1	27.5	22.4	16.6	10.9
115°	37.6	36.9	36.2	34.7	33.3	31.1	28.2	24.6	19.5	14.5	9.4
117.5°	35.5	34.7	33.3	31.8	30.4	28.2	25.3	21.7	17.4	13.0	8.7
120°	32.6	31.8	31.1	29.7	28.2	25.3	22.4	19.5	15.2	11.6	7.2
122.5°	30.4	29.7	28.2	27.5	25.3	23.2	20.3	17.4	13.7	10.1	6.5
125°	27.5	26.8	26.0	24.6	23.2	20.3	18.1	15.2	12.3	8.7	5.1
127.5°	25.3	24.6	23.2	21.7	20.3	18.1	15.9	13.7	10.9	7.2	5.1
130°	22.4	21.7	21.0	19.5	18.1	15.9	14.5	11.6	9.4	6.5	4.3
132.5°	19.5	19.5	18.8	17.4	15.9	14.5	12.3	10.1	8.0	5.8	3.6
135°	18.1	17.4	16.6	15.2	14.5	12.3	10.9	8.7	6.5	5.1	2.9
137.5°	15.9	15.2	14.5	13.7	12.3	10.9	9.4	7.2	5.8	4.3	2.9
140°	13.7	13.0	13.0	11.6	10.9	9.4	8.0	6.5	5.1	3.6	2.2
142.5°	12.3	11.6	10.9	10.1	9.4	8.0	6.5	5.1	4.3	2.9	2.2
145°	10.9	10.1	9.4	8.7	8.0	6.5	5.8	4.3	3.6	2.9	2.2
147.5°	8.7	8.7	8.0	7.2	6.5	5.8	5.1	4.3	2.9	2.2	1.4
150°	7.2	7.2	6.5	5.8	5.8	5.1	4.3	3.6	2.9	2.2	1.4
152.5°	6.5	5.8	5.8	5.1	5.1	4.3	3.6	2.9	2.2	2.2	1.4
155°	5.1	5.1	5.1	4.3	4.3	3.6	2.9	2.9	2.2	1.4	1.4
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: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1403.0	1394.3	1401.6	1414.6	1413.1	1411.7	1410.3	1413.1	1422.6	1417.5	1409.5
5°	1400.8	1392.2	1400.1	1412.4	1411.7	1409.5	1408.1	1411.0	1420.4	1415.3	1406.6
7.5°	1396.5	1388.5	1394.3	1406.6	1406.6	1405.2	1403.7	1406.6	1415.3	1411.0	1402.3
10°	1389.3	1383.5	1389.3	1400.8	1401.6	1398.7	1397.2	1400.8	1409.5	1407.4	1400.1
12.5°	1383.5	1377.7	1384.2	1395.8	1396.5	1393.6	1391.4	1395.8	1407.4	1408.8	1406.6
15°	1375.5	1370.5	1378.4	1390.7	1390.7	1388.5	1388.5	1394.3	1410.3	1416.8	1420.4
17.5°	1363.9	1360.3	1369.7	1382.0	1382.8	1381.3	1382.0	1393.6	1414.6	1430.5	1440.6
20°	1349.5	1348.0	1358.2	1371.2	1373.3	1374.1	1377.7	1395.1	1424.0	1445.7	1455.8
22.5°	1332.1	1332.8	1344.4	1358.2	1361.0	1363.2	1370.5	1395.1	1431.2	1454.4	1458.7
25°	1312.6	1314.7	1327.0	1343.7	1347.3	1351.6	1363.9	1395.8	1433.4	1448.6	1441.4
27.5°	1291.6	1295.9	1311.8	1329.2	1333.6	1340.8	1356.7	1391.4	1423.3	1424.0	1397.2
30°	1269.9	1274.9	1293.8	1314.0	1321.3	1328.5	1348.0	1381.3	1398.7	1375.5	1328.5
32.5°	1245.3	1252.5	1271.3	1295.9	1304.6	1314.0	1333.6	1361.8	1355.3	1305.3	1238.0
35°	1214.2	1224.3	1246.0	1274.9	1282.9	1295.2	1309.0	1315.5	1286.5	1215.6	1139.6
37.5°	1175.8	1191.0	1216.3	1249.6	1258.3	1266.3	1269.9	1251.8	1193.9	1117.2	1038.3
40°	1131.7	1154.8	1182.3	1219.2	1227.9	1227.9	1214.9	1176.5	1103.5	1002.9	915.3
42.5°	1078.1	1106.3	1141.1	1178.0	1186.7	1176.5	1145.4	1078.1	994.9	882.8	790.1
45°	1013.0	1050.6	1089.7	1128.1	1132.4	1110.0	1054.3	968.9	866.1	761.9	673.7
47.5°	935.6	984.8	1027.5	1070.9	1065.1	1027.5	953.0	856.0	747.5	649.0	578.1
50°	848.8	906.6	954.4	995.6	983.3	931.2	843.7	742.4	634.6	550.6	492.0
52.5°	756.1	822.7	870.5	903.7	887.1	824.9	728.6	631.7	543.4	466.7	427.6
55°	659.9	727.2	776.4	802.4	780.7	713.4	618.7	530.4	447.2	397.2	374.1
57.5°	566.6	629.5	675.8	696.8	669.3	602.0	514.5	439.9	379.9	337.9	326.3
60°	476.8	528.2	572.3	588.3	558.6	496.4	421.1	361.8	317.7	288.7	282.9
62.5°	393.6	435.6	470.3	482.6	453.7	405.2	340.1	295.9	264.8	250.4	243.1
65°	324.9	349.5	384.9	382.8	365.4	320.5	272.8	241.7	221.4	212.0	207.7
67.5°	255.4	277.9	300.3	303.2	281.5	250.4	219.2	196.8	186.0	180.9	178.7
70°	197.5	214.2	227.9	224.3	212.7	193.2	173.7	161.4	157.0	154.8	154.8
72.5°	153.4	162.1	168.6	164.3	157.0	146.9	137.5	132.4	133.1	134.6	136.0
75°	118.7	120.8	122.3	117.9	116.5	110.0	109.3	110.0	114.3	118.7	120.8
77.5°	91.2	88.3	86.1	81.8	82.5	81.8	85.4	91.2	97.7	104.2	110.0
80°	70.2	63.7	58.6	54.3	56.4	60.1	67.3	76.0	84.7	91.9	99.1
82.5°	54.3	44.9	37.6	33.3	37.6	43.4	52.8	63.7	73.8	81.8	89.7
85°	42.0	31.1	22.4	18.1	22.4	31.1	41.2	53.5	64.4	73.1	81.0
87.5°	32.6	22.4	12.3	7.2	12.3	21.7	33.3	44.9	55.7	65.8	73.8
90°	26.0	15.2	5.8	1.4	6.5	15.2	26.0	37.6	48.5	59.3	67.3
92.5°	21.0	10.9	2.9	0.0	3.6	11.6	21.7	32.6	43.4	53.5	61.5
95°	17.4	8.7	2.2	0.0	2.9	8.7	17.4	28.2	38.3	48.5	55.0
97.5°	14.5	6.5	1.4	0.0	1.4	7.2	14.5	23.9	34.0	43.4	49.9
100°	12.3	5.8	1.4	0.0	1.4	5.8	12.3	21.0	29.7	38.3	44.9
102.5°	10.1	4.3	0.7	0.7	0.7	4.3	10.9	18.1	26.0	34.0	40.5
105°	9.4	3.6	0.7	0.7	0.7	3.6	9.4	15.9	23.2	30.4	36.2
107.5°	8.0	2.9	0.7	0.7	0.7	2.9	8.0	13.7	21.0	27.5	32.6
110°	6.5	2.9	0.7	0.7	0.7	2.9	6.5	12.3	18.1	23.9	28.9



TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	5.8	2.2	0.7	0.7	0.7	2.2	5.8	10.9	15.9	21.7	26.0
115°	5.1	2.2	0.7	0.7	0.7	2.2	5.1	9.4	13.7	18.8	23.2
117.5°	4.3	2.2	0.7	0.7	0.7	1.4	4.3	8.0	12.3	16.6	21.0
120°	3.6	1.4	0.7	0.7	0.7	1.4	3.6	7.2	10.9	14.5	18.1
122.5°	3.6	1.4	0.7	0.7	0.7	1.4	2.9	5.8	9.4	12.3	15.9
125°	2.9	1.4	0.7	0.7	0.7	0.7	2.9	5.1	8.0	10.9	13.7
127.5°	2.9	1.4	0.7	0.7	0.7	0.7	2.2	4.3	6.5	9.4	12.3
130°	2.2	1.4	0.7	0.7	0.7	0.7	1.4	3.6	5.8	8.0	10.1
132.5°	2.2	1.4	0.7	0.7	0.7	0.7	1.4	2.9	4.3	6.5	8.7
135°	2.2	0.7	0.7	0.7	0.7	0.7	0.7	2.2	3.6	5.1	6.5
137.5°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	1.4	2.9	3.6	5.8
140°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	1.4	2.2	2.9	4.3
142.5°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	2.2	3.6
145°	1.4	0.7	0.7	1.4	1.4	0.7	0.7	1.4	1.4	2.2	2.9
147.5°	1.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4	2.2
150°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.2
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
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: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1408.1	1391.4	1400.1	1397.2	1400.1	1407.4	1406.6	1404.5	1405.9	1402.3	1398.7
5°	1405.2	1388.5	1397.2	1393.6	1397.2	1404.5	1403.0	1400.8	1403.0	1398.7	1395.1
7.5°	1401.6	1386.4	1396.5	1395.8	1402.3	1411.7	1412.4	1412.4	1417.5	1411.0	1408.1
10°	1401.6	1393.6	1407.4	1412.4	1429.1	1441.4	1442.8	1445.7	1454.4	1452.9	1445.7
12.5°	1416.8	1415.3	1435.6	1447.9	1463.1	1480.4	1489.8	1492.7	1498.5	1494.2	1491.3
15°	1436.3	1443.5	1466.0	1479.7	1496.4	1509.4	1511.6	1513.0	1517.3	1510.8	1505.8
17.5°	1462.3	1466.7	1484.8	1490.6	1501.4	1503.6	1500.7	1493.5	1493.5	1479.0	1474.7
20°	1474.7	1472.5	1479.7	1470.3	1466.0	1452.9	1440.6	1426.9	1426.2	1411.0	1409.5
22.5°	1463.8	1449.3	1434.1	1411.0	1400.8	1382.0	1365.4	1357.4	1352.4	1332.8	1327.8
25°	1425.4	1390.0	1367.6	1340.1	1315.5	1293.8	1277.8	1261.2	1245.3	1229.4	1222.1
27.5°	1358.9	1325.6	1289.4	1251.1	1217.1	1183.8	1157.0	1140.4	1125.2	1104.2	1093.3
30°	1277.1	1230.8	1191.0	1154.1	1098.4	1057.9	1035.4	1002.2	990.6	981.2	960.9
32.5°	1180.9	1125.2	1070.9	1021.0	963.8	926.2	896.5	871.9	864.7	840.1	834.3
35°	1074.5	1001.4	939.9	890.7	849.5	803.9	779.3	762.7	748.2	731.5	728.6
37.5°	949.3	883.5	814.0	770.6	738.0	699.0	680.2	668.6	662.1	649.8	647.6
40°	823.4	757.6	709.8	666.4	646.2	625.2	611.4	606.4	603.5	599.1	594.8
42.5°	709.1	651.2	617.2	588.3	579.6	569.5	565.8	568.7	565.8	564.4	563.7
45°	612.1	568.0	544.1	535.4	533.3	530.4	533.3	538.3	539.1	537.6	537.6
47.5°	523.9	502.9	492.8	494.2	497.8	500.0	505.1	511.6	513.0	509.4	510.8
50°	466.0	453.7	451.5	457.3	465.3	468.2	473.9	479.0	478.3	476.8	475.4
52.5°	411.7	408.1	413.9	419.7	428.4	429.8	432.0	434.1	433.4	430.5	429.1
55°	366.1	369.0	374.1	376.3	382.8	382.0	382.8	382.8	379.9	378.4	376.3
57.5°	324.9	325.6	328.5	329.2	332.8	331.4	330.7	329.2	324.9	324.2	322.0
60°	282.9	281.5	288.0	282.9	285.8	282.9	282.2	278.6	274.2	273.5	272.1
62.5°	243.1	240.2	244.6	242.4	243.8	241.0	239.5	235.2	231.5	230.8	230.1
65°	207.7	206.2	210.6	209.8	211.3	207.7	206.2	203.3	200.4	199.7	199.0
67.5°	178.0	181.6	183.8	183.8	185.2	184.5	180.9	180.2	179.4	176.6	176.6
70°	156.3	158.5	162.8	163.5	162.8	164.3	161.4	160.6	159.9	158.5	157.7
72.5°	138.9	141.8	146.2	146.9	146.2	146.2	144.7	144.0	144.0	141.8	141.8
75°	125.2	128.8	132.4	132.4	132.4	131.0	129.5	129.5	128.1	127.3	125.9
77.5°	113.6	117.9	120.8	120.1	119.4	117.9	117.9	115.8	113.6	113.6	112.2
80°	104.9	107.8	110.0	109.3	108.5	106.4	105.6	103.5	102.0	99.9	99.9
82.5°	95.5	99.1	100.6	99.9	98.4	96.2	95.5	94.1	92.6	91.9	90.4
85°	87.6	91.2	91.9	90.4	89.0	87.6	86.8	86.1	85.4	83.9	83.9
87.5°	79.6	83.2	83.2	82.5	81.0	80.3	79.6	78.9	78.1	77.4	76.7
90°	73.1	76.0	76.0	75.3	74.5	73.8	73.1	72.4	71.6	70.9	70.9
92.5°	66.6	69.5	69.5	68.7	68.0	67.3	67.3	66.6	65.8	65.1	64.4
95°	60.8	63.7	63.7	63.7	63.0	62.2	62.2	61.5	60.8	60.8	60.1
97.5°	55.0	57.9	57.9	57.9	57.2	56.4	56.4	55.7	55.7	55.7	55.0
100°	49.9	52.1	52.8	52.8	52.1	52.1	52.1	51.4	51.4	51.4	50.7
102.5°	44.9	47.0	48.5	48.5	48.5	47.8	47.8	47.8	47.8	47.8	47.0
105°	40.5	42.7	44.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
107.5°	36.9	39.1	40.5	41.2	42.0	42.0	42.7	42.7	42.7	42.7	42.7
110°	33.3	35.5	37.6	38.3	39.1	39.8	39.8	40.5	39.8	39.8	39.8



TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	29.7	32.6	34.0	35.5	36.2	36.9	37.6	37.6	37.6	37.6	37.6
115°	26.8	29.7	31.1	32.6	34.0	34.7	34.7	35.5	35.5	35.5	34.7
117.5°	23.9	26.8	28.2	29.7	30.4	31.8	32.6	32.6	32.6	32.6	31.8
120°	21.7	23.9	25.3	26.8	28.2	28.9	29.7	29.7	29.7	29.7	29.7
122.5°	18.8	21.0	23.2	24.6	25.3	26.0	26.8	26.8	26.8	26.8	26.8
125°	16.6	18.8	20.3	21.7	22.4	23.9	23.9	23.9	23.9	23.9	23.9
127.5°	14.5	16.6	18.1	19.5	20.3	21.0	21.7	21.7	21.7	21.7	21.7
130°	12.3	14.5	15.9	17.4	18.1	18.8	18.8	19.5	19.5	19.5	19.5
132.5°	10.9	12.3	13.7	15.2	15.9	16.6	16.6	17.4	17.4	17.4	17.4
135°	8.7	10.9	11.6	13.0	13.7	14.5	14.5	15.2	15.2	15.2	15.2
137.5°	7.2	8.7	10.1	11.6	12.3	12.3	13.0	13.0	13.7	13.7	13.7
140°	5.8	6.5	8.7	9.4	10.1	10.9	11.6	11.6	11.6	11.6	11.6
142.5°	4.3	5.8	6.5	8.0	8.7	9.4	10.1	10.1	10.1	10.1	10.1
145°	3.6	4.3	5.1	6.5	7.2	8.0	8.7	8.7	8.7	8.7	8.7
147.5°	2.9	3.6	4.3	5.1	5.8	6.5	7.2	7.2	7.2	7.2	7.2
150°	2.2	2.9	3.6	3.6	4.3	5.1	5.8	6.5	6.5	6.5	6.5
152.5°	2.2	2.2	2.9	2.9	3.6	4.3	5.1	5.1	5.1	5.1	5.1
155°	1.4	2.2	2.2	2.2	2.9	2.9	3.6	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: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1400.8	1403.7	1402.3	1400.1	1399.4	1403.0	1399.4	1382.8	1389.3	1390.0	1395.1
5°	1398.7	1400.8	1399.4	1398.0	1395.8	1400.1	1395.8	1378.4	1384.9	1385.7	1390.7
7.5°	1413.1	1413.9	1413.9	1410.3	1404.5	1406.6	1400.8	1381.3	1384.9	1384.9	1388.5
10°	1449.3	1450.8	1452.9	1443.5	1436.3	1430.5	1422.6	1398.7	1398.0	1392.2	1392.2
12.5°	1496.4	1492.7	1489.1	1484.8	1479.0	1471.8	1460.2	1432.0	1422.6	1413.1	1403.7
15°	1510.1	1508.7	1507.9	1505.8	1502.1	1500.0	1491.3	1463.1	1449.3	1437.7	1421.1
17.5°	1473.9	1476.8	1486.2	1487.0	1491.3	1500.0	1498.5	1479.0	1466.7	1461.6	1441.4
20°	1408.8	1409.5	1421.1	1426.2	1445.0	1459.5	1470.3	1468.1	1465.2	1471.0	1455.8
22.5°	1330.7	1335.7	1348.0	1356.0	1374.1	1390.7	1408.1	1417.5	1432.7	1456.6	1453.7
25°	1224.3	1230.8	1248.2	1261.2	1286.5	1311.8	1335.0	1351.6	1369.7	1415.3	1430.5
27.5°	1096.9	1107.1	1129.5	1142.5	1178.0	1204.0	1237.3	1269.9	1295.2	1347.3	1378.4
30°	963.1	971.8	995.6	1013.7	1044.1	1079.6	1121.5	1167.9	1209.8	1262.6	1301.7
32.5°	837.9	847.3	866.8	882.8	916.8	946.4	992.7	1049.9	1089.0	1162.1	1214.2
35°	728.6	737.3	751.1	764.8	793.0	823.4	863.2	918.9	968.9	1044.8	1110.7
37.5°	651.9	653.4	661.3	669.3	690.3	713.4	744.6	793.8	840.1	921.8	994.2
40°	597.0	597.0	601.3	603.5	612.9	626.6	646.2	684.5	722.9	785.1	873.4
42.5°	562.9	561.5	561.5	562.2	561.5	568.0	579.6	597.7	631.7	683.1	751.8
45°	537.6	534.7	532.6	527.5	524.6	524.6	525.3	531.8	551.4	584.7	640.4
47.5°	509.4	508.7	505.1	499.3	494.2	490.6	484.8	482.6	488.4	507.2	544.9
50°	476.8	473.2	469.6	465.3	459.5	455.9	445.0	445.7	440.7	449.3	468.9
52.5°	429.1	426.2	424.7	421.1	419.0	417.5	408.8	400.1	398.0	399.4	406.7
55°	376.3	377.7	371.9	374.8	374.1	367.6	364.0	357.4	355.3	354.6	358.2
57.5°	321.3	322.7	319.1	322.0	322.0	318.4	316.2	316.2	311.1	306.8	311.9
60°	271.3	268.4	270.6	274.2	274.2	272.1	270.6	270.6	267.0	265.6	269.2
62.5°	230.8	227.9	230.1	233.7	234.4	233.0	231.5	231.5	227.2	227.2	230.1
65°	199.7	200.4	199.7	202.6	202.6	203.3	201.9	200.4	195.4	197.5	196.8
67.5°	177.3	176.6	176.6	179.4	178.7	180.2	178.7	176.6	172.9	170.0	169.3
70°	158.5	157.7	157.7	159.2	159.9	159.9	159.2	157.7	152.7	149.8	147.6
72.5°	141.8	141.1	141.8	142.5	143.3	144.0	143.3	141.8	137.5	133.9	130.2
75°	126.6	125.9	128.1	128.1	128.8	128.8	129.5	128.8	125.2	120.8	116.5
77.5°	111.4	112.2	114.3	115.0	116.5	117.2	117.9	117.9	114.3	110.7	104.9
80°	99.1	100.6	102.0	102.7	104.2	106.4	107.1	107.8	104.9	101.3	94.8
82.5°	90.4	91.2	92.6	93.3	95.5	96.2	97.0	98.4	97.0	93.3	86.1
85°	83.2	83.9	85.4	85.4	86.8	88.3	89.0	89.7	89.0	85.4	78.1
87.5°	76.7	77.4	78.1	78.9	79.6	80.3	81.0	81.8	81.0	77.4	70.9
90°	70.9	70.9	71.6	71.6	72.4	73.1	74.5	74.5	73.8	70.9	64.4
92.5°	64.4	65.1	65.1	65.8	66.6	67.3	68.0	68.0	67.3	64.4	58.6
95°	60.1	60.1	60.8	60.8	61.5	61.5	62.2	62.2	61.5	58.6	52.8
97.5°	55.0	55.0	55.0	55.0	55.7	55.7	56.4	56.4	55.7	52.8	47.8
100°	50.7	50.7	50.7	50.7	50.7	51.4	51.4	51.4	50.7	47.8	42.7
102.5°	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	45.6	43.4	38.3
105°	44.9	44.9	44.9	44.1	44.1	44.1	43.4	43.4	41.2	39.1	34.7
107.5°	42.0	42.0	42.0	41.2	41.2	40.5	39.8	39.8	37.6	35.5	31.1
110°	39.8	39.8	39.8	39.1	38.3	37.6	36.9	36.2	34.0	31.1	27.5





TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	37.6	37.6	36.9	36.9	36.2	35.5	34.0	33.3	31.1	28.2	24.6
115°	34.7	34.7	34.7	34.0	33.3	32.6	31.8	30.4	28.2	25.3	21.7
117.5°	31.8	31.8	31.8	31.1	30.4	29.7	28.9	27.5	25.3	22.4	19.5
120°	28.9	28.9	28.9	28.2	27.5	26.8	26.0	24.6	22.4	20.3	16.6
122.5°	26.8	26.8	26.0	25.3	24.6	23.9	23.2	21.7	20.3	17.4	14.5
125°	23.9	23.9	23.2	23.2	22.4	21.7	21.0	19.5	17.4	15.2	13.0
127.5°	21.7	21.0	21.0	21.0	20.3	19.5	18.1	17.4	15.2	13.0	10.9
130°	18.8	18.8	18.8	18.1	18.1	17.4	15.9	14.5	13.0	11.6	9.4
132.5°	16.6	16.6	16.6	16.6	15.9	15.2	13.7	13.0	11.6	9.4	8.0
135°	15.2	15.2	14.5	14.5	13.7	13.0	12.3	10.9	9.4	8.0	6.5
137.5°	13.0	13.0	13.0	12.3	12.3	11.6	10.1	9.4	8.7	7.2	5.8
140°	11.6	11.6	10.9	10.9	10.1	10.1	9.4	8.0	7.2	5.8	5.1
142.5°	10.1	10.1	9.4	9.4	8.7	8.7	8.0	7.2	5.8	5.1	3.6
145°	8.7	8.7	8.0	8.0	8.0	7.2	6.5	5.8	5.1	4.3	3.6
147.5°	7.2	7.2	7.2	6.5	6.5	5.8	5.8	5.1	4.3	3.6	2.9
150°	6.5	6.5	5.8	5.8	5.8	5.1	4.3	4.3	3.6	2.9	2.2
152.5°	5.1	5.1	5.1	5.1	4.3	4.3	3.6	3.6	2.9	2.2	2.2
155°	4.3	4.3	4.3	3.6	3.6	3.6	2.9	2.9	2.2	2.2	1.4
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: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8	1400.8
2.5°	1392.9	1392.2	1398.7	1398.0	1389.3	1402.3	1411.0
5°	1389.3	1388.5	1394.3	1395.8	1386.4	1400.1	1409.5
7.5°	1386.4	1385.7	1392.2	1394.3	1384.9	1397.2	1407.4
10°	1387.1	1383.5	1389.3	1390.7	1382.0	1395.1	1403.7
12.5°	1392.2	1383.5	1385.7	1385.7	1377.7	1389.3	1398.7
15°	1404.5	1386.4	1383.5	1381.3	1371.2	1382.0	1391.4
17.5°	1418.2	1393.6	1383.5	1376.2	1363.9	1373.3	1383.5
20°	1432.0	1401.6	1384.9	1373.3	1356.7	1365.4	1372.6
22.5°	1438.5	1408.8	1386.4	1369.0	1348.0	1352.4	1360.3
25°	1429.8	1405.9	1383.5	1362.5	1337.2	1337.9	1344.4
27.5°	1398.0	1391.4	1377.0	1356.0	1328.5	1324.9	1329.9
30°	1343.7	1361.8	1362.5	1347.3	1318.4	1311.1	1313.3
32.5°	1267.7	1308.2	1332.1	1329.2	1303.9	1293.8	1295.2
35°	1180.2	1230.8	1282.9	1300.3	1282.2	1274.2	1271.3
37.5°	1075.2	1143.3	1212.7	1255.4	1252.5	1247.4	1244.6
40°	959.5	1041.2	1123.7	1191.7	1212.7	1212.7	1214.2
42.5°	835.7	931.2	1021.7	1107.8	1157.0	1167.9	1172.2
45°	716.3	812.6	911.0	1010.1	1076.0	1110.0	1122.3
47.5°	607.8	704.8	798.1	906.6	994.2	1038.3	1057.9
50°	515.2	587.5	686.0	793.8	889.3	943.5	981.9
52.5°	438.5	494.9	581.0	681.6	777.8	852.4	887.8
55°	374.1	412.4	485.5	572.3	664.2	741.7	782.9
57.5°	319.8	350.2	400.1	472.5	549.9	626.6	670.8
60°	272.1	293.0	327.1	384.2	450.1	515.9	558.6
62.5°	230.8	244.6	267.0	309.0	360.3	411.7	451.5
65°	199.0	204.8	217.1	243.1	282.2	321.3	355.3
67.5°	167.9	171.5	180.9	196.8	216.3	244.6	267.0
70°	144.7	144.7	145.4	154.8	165.0	183.1	199.0
72.5°	125.9	123.7	119.4	121.6	123.7	133.9	144.0
75°	110.7	105.6	98.4	95.5	94.1	95.5	101.3
77.5°	97.7	90.4	81.8	74.5	68.7	66.6	71.6
80°	86.8	78.1	68.0	58.6	49.2	44.1	46.3
82.5°	78.1	67.3	56.4	45.6	34.7	27.5	27.5
85°	68.7	58.6	47.0	35.5	24.6	15.2	13.7
87.5°	62.2	51.4	39.1	28.2	17.4	8.0	4.3
90°	55.7	44.9	33.3	22.4	12.3	3.6	0.0
92.5°	49.9	39.8	28.9	18.1	8.7	2.2	0.0
95°	44.9	35.5	24.6	15.2	7.2	1.4	0.7
97.5°	39.8	31.1	21.7	12.3	5.1	1.4	0.7
100°	36.2	27.5	18.8	10.1	4.3	0.7	0.7
102.5°	31.8	24.6	15.9	8.7	3.6	0.7	0.7
105°	28.2	21.7	13.7	7.2	2.9	0.7	0.7
107.5°	25.3	18.8	12.3	6.5	2.9	0.7	0.7
110°	22.4	16.6	10.9	5.8	2.2	0.7	0.7



TEST NUMBER: P290212

CATALOG NUMBER: 8SSRK-LC-40-L930-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	20.3	14.5	9.4	5.1	1.4	0.7	0.7
115°	17.4	13.0	8.0	4.3	1.4	0.7	0.7
117.5°	15.2	10.9	7.2	3.6	1.4	0.7	0.7
120°	13.0	9.4	5.8	2.9	0.7	0.7	0.7
122.5°	11.6	8.0	5.1	2.9	0.7	0.7	0.7
125°	10.1	7.2	4.3	2.2	0.7	0.7	0.7
127.5°	8.7	5.8	3.6	1.4	0.7	0.7	0.7
130°	7.2	5.1	2.9	1.4	0.7	0.7	0.7
132.5°	5.8	4.3	2.9	1.4	0.7	0.7	0.7
135°	5.1	3.6	2.2	1.4	0.7	0.7	0.7
137.5°	4.3	2.9	1.4	1.4	1.4	0.7	0.7
140°	3.6	2.2	1.4	1.4	1.4	1.4	0.7
142.5°	2.9	2.2	1.4	1.4	1.4	1.4	0.7
145°	2.2	1.4	1.4	1.4	1.4	1.4	0.7
147.5°	2.2	1.4	1.4	1.4	1.4	1.4	0.7
150°	1.4	1.4	1.4	1.4	1.4	1.4	1.4
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)