

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: P290188

Luminaire Tested: **4SSRK-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: P290188
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: 4SSRK-LC-40-L930-CD1-U
Description: 4000 LUMEN, 4 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: 3361.5 lumens
Efficiency: N/A
Efficacy: 121.4 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')
CIE Type: Direct

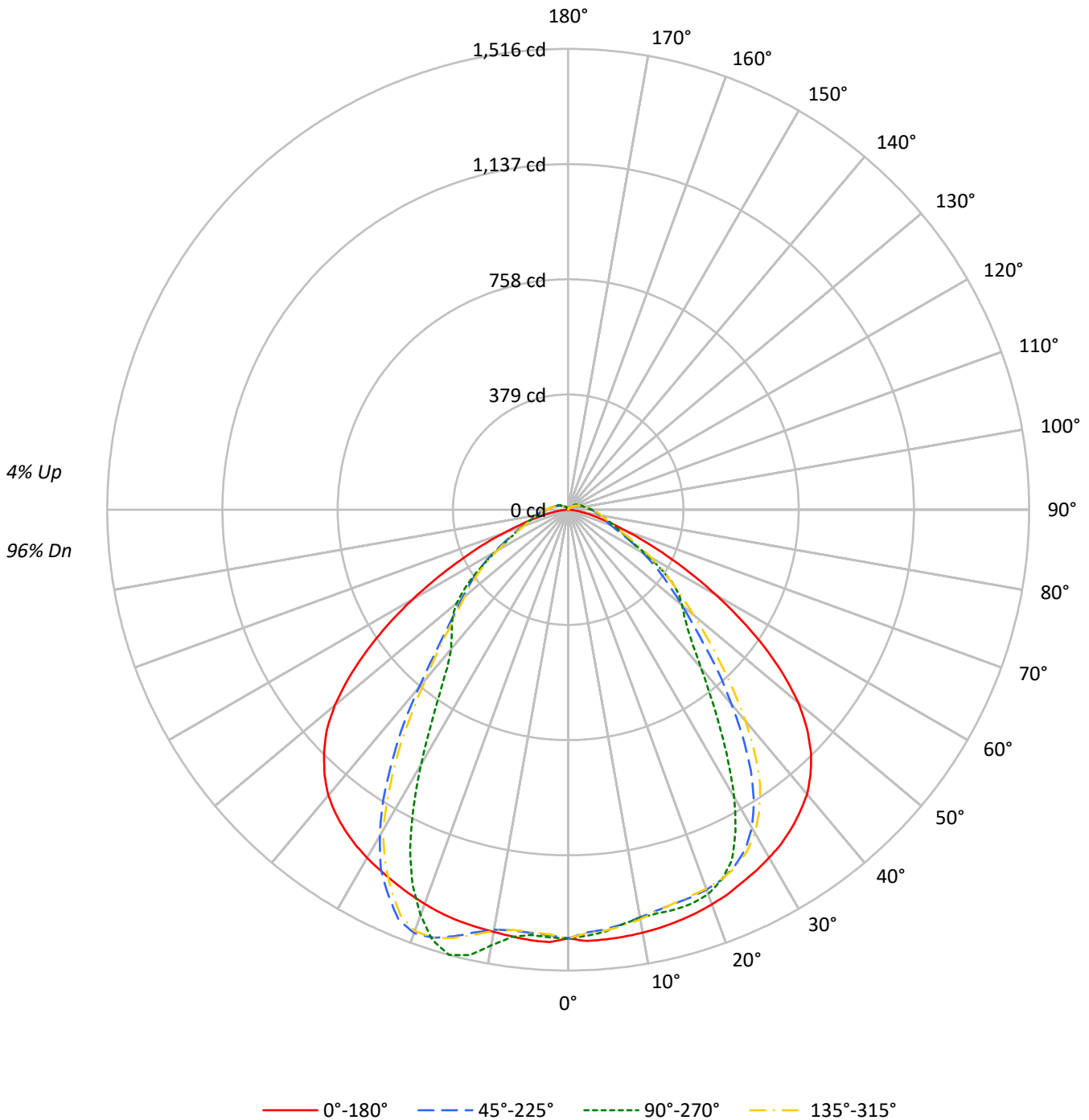
Input Watts (W): 27.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	91068	91068	91068	91068
5°	91646	66911	91834	67435
10°	91988	52404	91799	55961
15°	92612	43932	92566	48915
20°	93543	37668	93441	39705
25°	94590	31663	94541	30596
30°	96264	24603	96322	21795
35°	98033	17978	98309	15213
40°	99551	13150	99967	11586
45°	99044	10151	99561	9886
50°	94610	8526	95931	8336
55°	83754	6988	85837	6352
60°	67741	4865	71331	4462
65°	50165	3370	54050	3196
70°	33937	2616	38258	2501
75°	22027	2099	25633	1985
80°	14019	1716	16425	1578
85°	6927	1467	9136	1340



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	4.0
10°-20°	398.5	11.9
20°-30°	605.9	18.0
30°-40°	649.9	19.3
40°-50°	564.1	16.8
50°-60°	418.0	12.4
60°-70°	239.5	7.1
70°-80°	132.6	3.9
80°-90°	80.8	2.4
90°-100°	52.5	1.6
100°-110°	35.2	1.0
110°-120°	23.8	0.7
120°-130°	14.6	0.4
130°-140°	7.7	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°	1138.3	33.9
0°-40°	1788.2	53.2
0°-60°	2770.4	82.4
0°-90°	3223.3	95.9
90°-120°	111.5	3.3
90°-150°	137.2	4.1
90°-180°	138.0	4.1
0°-180°	3361.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1410	1410	1410	1410	1410	
5°	1419	1393	1422	1404	1419	135
15°	1401	1361	1400	1516	1401	396
25°	1353	1273	1352	1230	1353	626
35°	1280	867	1283	733	1280	801
45°	1130	556	1136	541	1130	865
55°	788	417	808	379	788	699
65°	358	211	385	200	358	361
75°	102	134	119	127	102	116
85°	14	92	18	84	14	18
90°	0	77	2	71	0	1
95°	1	63	0	60	1	0
105°	1	47	1	45	1	1
115°	1	39	1	35	1	1
125°	1	29	1	24	1	1
135°	1	18	1	15	1	1
145°	1	11	2	9	1	0
155°	2	5	2	4	2	0
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°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1420.3	1416.6	1415.2	1412.2	1414.4	1423.2	1417.3	1407.9	1408.6	1391.9	1400.6
5°	1418.8	1414.4	1412.2	1409.3	1410.8	1418.8	1413.0	1403.5	1402.8	1386.0	1394.0
7.5°	1416.6	1412.2	1408.6	1406.4	1407.1	1413.7	1406.4	1395.5	1393.3	1375.1	1382.4
10°	1413.0	1410.1	1405.0	1401.3	1400.6	1407.9	1396.2	1385.3	1380.2	1361.3	1368.5
12.5°	1407.9	1403.5	1398.4	1391.9	1391.1	1395.5	1386.0	1370.7	1365.6	1350.3	1358.3
15°	1400.6	1395.5	1389.7	1382.4	1378.7	1381.7	1370.0	1356.2	1355.4	1342.3	1353.2
17.5°	1392.6	1385.3	1378.7	1368.5	1363.4	1365.6	1356.2	1343.8	1345.2	1337.2	1349.6
20°	1381.7	1373.6	1363.4	1353.2	1346.0	1349.6	1343.1	1333.6	1335.8	1329.9	1340.9
22.5°	1369.3	1358.3	1346.0	1334.3	1328.5	1333.6	1328.5	1320.5	1321.2	1317.6	1324.1
25°	1353.2	1340.9	1326.3	1311.7	1308.8	1312.5	1309.5	1303.0	1300.1	1294.3	1297.2
27.5°	1338.7	1324.8	1306.6	1291.3	1286.2	1293.5	1287.0	1276.0	1268.0	1260.0	1254.2
30°	1321.9	1305.2	1284.8	1267.3	1262.9	1265.8	1256.4	1239.6	1218.5	1208.3	1192.3
32.5°	1303.7	1281.9	1256.4	1236.7	1233.8	1231.6	1214.1	1190.1	1157.3	1136.9	1112.2
35°	1279.7	1255.7	1225.1	1201.0	1196.7	1184.3	1155.9	1123.8	1081.6	1046.6	1004.4
37.5°	1252.7	1224.3	1192.3	1160.2	1147.9	1123.1	1083.0	1049.5	985.4	943.2	892.2
40°	1222.1	1187.9	1148.6	1110.0	1089.6	1049.5	1003.6	954.1	892.2	835.4	792.4
42.5°	1179.9	1143.5	1096.9	1053.9	1018.9	965.8	911.9	842.0	785.1	737.1	693.4
45°	1129.6	1085.9	1032.1	980.3	935.9	872.5	809.2	739.3	691.9	635.8	606.0
47.5°	1064.8	1017.5	959.9	902.4	844.1	774.2	707.9	640.9	593.6	553.5	531.7
50°	988.4	944.7	881.3	812.8	748.7	675.9	609.6	559.4	513.5	488.7	472.0
52.5°	893.7	852.9	788.1	713.8	651.9	580.5	520.0	479.2	446.5	428.3	422.4
55°	788.1	752.4	688.3	619.1	555.7	490.2	444.3	408.6	387.5	376.5	377.3
57.5°	675.2	647.5	587.0	525.1	465.4	415.9	374.4	346.0	329.9	329.2	331.4
60°	562.3	541.9	489.4	436.3	383.8	343.8	313.2	293.5	283.3	284.1	283.3
62.5°	454.5	435.5	397.7	354.0	312.5	285.5	257.8	249.8	241.1	240.4	240.4
65°	357.6	343.0	312.5	281.1	249.8	232.3	218.5	209.0	202.5	201.0	201.7
67.5°	268.8	262.9	241.8	220.7	201.0	190.1	178.4	176.3	171.2	171.2	172.6
70°	200.3	195.9	184.3	171.9	163.9	156.6	150.8	150.8	150.0	149.3	153.0
72.5°	144.9	145.7	142.0	132.6	131.8	130.4	128.9	131.1	131.8	134.0	138.4
75°	102.0	104.2	104.2	102.7	105.6	109.3	111.4	115.1	119.4	122.4	127.5
77.5°	72.1	72.1	75.7	80.1	85.9	92.5	98.3	103.4	109.3	112.9	117.3
80°	46.6	48.8	54.6	62.6	70.6	79.4	87.4	94.0	99.8	105.6	108.5
82.5°	27.7	31.3	38.6	48.8	59.0	69.9	77.9	85.9	92.5	98.3	100.5
85°	13.8	18.9	27.7	38.6	49.5	61.2	71.4	78.7	85.9	91.0	94.0
87.5°	4.4	10.2	19.7	29.9	41.5	53.2	64.1	72.1	78.7	83.0	85.9
90°	0.0	5.1	13.8	24.8	35.7	47.3	57.5	66.3	72.8	76.5	78.7
92.5°	0.0	2.9	10.9	20.4	30.6	42.2	52.4	60.5	66.3	69.9	71.4
95°	0.7	2.2	8.0	16.8	26.9	37.9	47.3	54.6	60.5	64.1	64.8
97.5°	0.7	1.5	6.6	13.8	23.3	33.5	43.0	50.3	54.6	58.3	59.0
100°	0.7	1.5	5.1	12.4	20.4	29.9	38.6	45.2	50.3	53.2	53.9
102.5°	0.7	0.7	4.4	10.2	18.2	26.2	34.2	40.8	45.2	48.1	49.5
105°	0.7	0.7	3.6	8.7	16.0	23.3	30.6	37.1	40.8	43.7	45.2
107.5°	0.7	0.7	2.9	7.3	13.8	20.4	27.7	32.8	37.1	40.1	41.5
110°	0.7	0.7	2.2	6.6	11.7	18.2	24.0	29.1	33.5	36.4	37.9



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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	10.2	16.0	21.1	26.2	29.9	32.8	35.0
115°	0.7	0.7	2.2	5.1	9.5	13.8	18.9	23.3	26.9	29.9	32.0
117.5°	0.7	0.7	2.2	4.4	8.0	12.4	16.8	21.1	24.0	26.9	29.1
120°	0.7	0.7	1.5	3.6	7.3	10.9	14.6	18.2	21.9	24.8	26.9
122.5°	0.7	0.7	1.5	3.6	5.8	9.5	13.1	16.0	19.7	21.9	24.0
125°	0.7	0.7	1.5	2.9	5.1	8.7	11.7	14.6	16.8	19.7	21.9
127.5°	0.7	0.7	1.5	2.9	4.4	7.3	10.2	13.1	15.3	17.5	18.9
130°	0.7	0.7	1.5	2.2	3.6	5.8	8.7	10.9	13.8	15.3	16.8
132.5°	0.7	0.7	0.7	2.2	2.9	4.4	6.6	9.5	11.7	13.8	14.6
135°	0.7	0.7	0.7	1.5	2.9	3.6	5.1	7.3	9.5	11.7	13.1
137.5°	0.7	0.7	0.7	1.5	2.2	3.6	4.4	5.8	8.0	9.5	11.7
140°	0.7	0.7	0.7	1.5	2.2	2.9	3.6	5.1	6.6	8.0	9.5
142.5°	0.7	0.7	0.7	1.5	1.5	2.2	2.9	4.4	5.1	6.6	8.0
145°	0.7	0.7	0.7	1.5	1.5	2.2	2.9	3.6	4.4	5.1	6.6
147.5°	0.7	0.7	0.7	1.5	1.5	1.5	2.2	2.9	3.6	4.4	5.1
150°	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2	2.9	3.6	4.4
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.9	3.6
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	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°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1397.7	1399.1	1407.9	1407.1	1405.7	1404.2	1404.2	1402.8	1404.2	1407.9	1406.4
5°	1390.4	1392.6	1399.1	1398.4	1396.9	1396.2	1395.5	1393.3	1394.8	1399.9	1398.4
7.5°	1377.3	1379.5	1385.3	1382.4	1380.2	1381.7	1378.0	1375.8	1378.7	1383.8	1383.1
10°	1363.4	1364.9	1372.2	1370.7	1367.1	1367.8	1364.2	1362.7	1366.4	1369.3	1370.0
12.5°	1354.0	1359.1	1365.6	1364.9	1364.2	1364.9	1361.3	1359.8	1362.0	1364.9	1364.2
15°	1351.8	1358.3	1365.6	1365.6	1366.4	1367.1	1363.4	1361.3	1363.4	1365.6	1364.9
17.5°	1349.6	1357.6	1364.2	1363.4	1364.2	1365.6	1359.8	1358.3	1361.3	1364.2	1362.7
20°	1342.3	1349.6	1354.0	1352.5	1352.5	1353.2	1346.0	1346.0	1350.3	1352.5	1353.2
22.5°	1321.9	1330.7	1330.7	1327.0	1327.0	1324.1	1321.9	1317.6	1322.7	1326.3	1329.2
25°	1291.3	1295.0	1290.6	1282.6	1278.2	1274.6	1264.4	1273.1	1273.1	1284.1	1287.7
27.5°	1248.4	1240.4	1228.0	1211.2	1207.6	1195.9	1189.4	1191.6	1195.2	1210.5	1222.1
30°	1177.7	1153.7	1132.6	1125.3	1109.3	1097.6	1085.9	1091.8	1098.3	1107.1	1131.1
32.5°	1084.5	1061.2	1027.0	1014.6	997.8	983.3	969.4	978.2	989.8	995.6	1021.9
35°	977.4	949.8	918.4	897.3	879.8	871.8	854.3	866.7	879.1	883.5	906.1
37.5°	863.8	835.4	807.7	789.5	772.8	767.7	756.0	764.8	774.2	780.8	799.7
40°	756.0	729.8	708.7	696.3	684.6	680.3	675.9	679.5	686.8	691.9	706.5
42.5°	663.5	642.4	627.8	620.5	612.5	606.7	607.4	608.9	612.5	623.5	630.0
45°	582.7	570.3	560.8	559.4	554.3	553.5	552.8	555.7	557.9	564.5	569.6
47.5°	517.8	512.7	510.6	513.5	515.7	512.7	514.2	517.8	522.2	522.2	521.5
50°	466.9	468.3	471.2	477.8	482.2	483.6	485.1	489.4	490.2	491.6	489.4
52.5°	425.3	426.8	434.8	445.0	450.1	452.3	455.2	459.6	459.6	461.0	458.1
55°	383.1	385.3	393.3	403.5	407.9	410.8	413.7	416.6	418.8	421.7	419.5
57.5°	336.5	343.0	348.1	351.1	354.0	356.2	358.3	359.1	363.4	364.2	367.8
60°	287.0	288.4	293.5	292.8	290.6	296.4	293.5	298.6	303.7	310.3	311.0
62.5°	239.6	240.4	244.0	242.5	245.4	244.7	246.9	246.9	250.5	253.5	257.1
65°	202.5	203.2	206.1	206.1	205.4	207.6	209.8	211.2	211.2	213.4	216.3
67.5°	174.8	177.0	179.9	181.4	182.8	182.8	185.0	185.7	187.2	187.9	189.4
70°	155.9	158.8	161.7	163.1	163.9	165.3	166.1	166.1	167.5	168.2	169.7
72.5°	142.0	144.9	147.1	147.1	148.6	149.3	149.3	150.0	150.8	152.2	153.7
75°	130.4	132.6	134.0	133.3	133.3	133.3	134.0	134.0	135.5	136.9	138.4
77.5°	119.4	121.6	121.6	120.2	120.2	120.2	120.2	120.9	121.6	123.1	124.5
80°	111.4	111.4	110.7	110.7	109.3	108.5	108.5	109.3	109.3	110.7	112.9
82.5°	102.7	102.7	102.0	101.2	100.5	99.8	99.8	100.5	101.2	102.0	103.4
85°	94.7	94.7	93.2	93.2	92.5	92.5	92.5	92.5	93.2	94.0	95.4
87.5°	86.7	85.9	85.2	84.5	84.5	84.5	84.5	84.5	85.2	86.7	87.4
90°	78.7	77.9	77.2	77.2	76.5	76.5	77.2	77.2	77.9	78.7	79.4
92.5°	71.4	70.6	69.9	69.9	69.2	69.2	69.9	69.2	70.6	70.6	71.4
95°	64.8	64.1	63.4	63.4	63.4	63.4	63.4	63.4	64.1	64.1	64.8
97.5°	59.0	58.3	57.5	57.5	58.3	57.5	58.3	58.3	58.3	59.0	59.7
100°	53.9	53.2	53.2	53.9	53.2	53.2	53.9	53.9	53.9	53.9	54.6
102.5°	49.5	49.5	49.5	49.5	49.5	49.5	50.3	50.3	50.3	50.3	51.0
105°	45.2	45.9	45.9	45.9	46.6	46.6	46.6	47.3	47.3	47.3	47.3
107.5°	42.2	43.0	43.0	43.7	43.7	44.4	44.4	44.4	44.4	45.2	45.2
110°	39.3	40.1	40.8	41.5	41.5	42.2	42.2	42.2	42.2	42.2	42.2



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	36.4	37.1	37.9	39.3	40.1	40.1	40.1	40.1	40.8	40.8	40.1
115°	33.5	35.0	35.7	37.1	37.9	37.9	38.6	38.6	38.6	38.6	37.9
117.5°	30.6	32.8	33.5	35.0	35.7	35.7	36.4	36.4	36.4	36.4	35.7
120°	28.4	29.9	31.3	32.0	32.8	33.5	33.5	34.2	34.2	34.2	33.5
122.5°	26.2	27.7	29.1	29.9	30.6	31.3	31.3	31.3	31.3	31.3	31.3
125°	23.3	24.8	26.2	26.9	27.7	28.4	28.4	29.1	29.1	29.1	28.4
127.5°	21.1	22.6	23.3	24.8	25.5	25.5	26.2	26.2	26.2	26.2	25.5
130°	18.2	19.7	21.1	21.9	22.6	22.6	23.3	23.3	23.3	23.3	23.3
132.5°	16.0	17.5	18.2	19.7	19.7	20.4	20.4	21.1	21.1	21.1	20.4
135°	14.6	15.3	16.0	17.5	17.5	18.2	18.2	18.2	18.2	18.2	18.2
137.5°	13.1	13.8	14.6	15.3	15.3	16.0	16.0	16.0	16.0	16.8	16.0
140°	10.9	12.4	13.1	13.1	13.8	13.8	13.8	14.6	14.6	14.6	13.8
142.5°	9.5	10.2	10.9	11.7	12.4	12.4	12.4	12.4	13.1	12.4	12.4
145°	7.3	8.7	9.5	10.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9
147.5°	5.8	6.6	8.0	8.7	8.7	9.5	9.5	9.5	9.5	9.5	9.5
150°	5.1	5.1	6.6	7.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0
152.5°	3.6	4.4	5.1	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6
155°	3.6	3.6	4.4	4.4	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: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1404.2	1403.5	1406.4	1403.5	1388.9	1394.8	1392.6	1400.6	1401.3	1403.5	1410.8
5°	1396.9	1396.9	1400.6	1397.7	1383.8	1389.7	1388.9	1396.9	1398.4	1399.9	1407.9
7.5°	1382.4	1383.1	1388.2	1386.0	1371.5	1380.2	1379.5	1388.9	1391.9	1394.8	1402.0
10°	1368.5	1367.8	1373.6	1371.5	1357.6	1367.8	1367.1	1376.6	1380.9	1386.0	1394.8
12.5°	1361.3	1359.1	1361.3	1359.1	1343.8	1351.8	1352.5	1363.4	1368.5	1375.1	1385.3
15°	1361.3	1357.6	1357.6	1353.2	1335.8	1340.9	1341.6	1348.9	1355.4	1362.0	1374.4
17.5°	1359.8	1356.2	1355.4	1351.8	1332.9	1332.9	1332.1	1337.2	1340.9	1347.4	1360.5
20°	1351.8	1350.3	1349.6	1347.4	1329.9	1327.0	1325.6	1325.6	1327.8	1329.9	1343.1
22.5°	1330.7	1332.1	1333.6	1335.0	1321.2	1316.1	1316.8	1315.4	1313.2	1313.2	1324.1
25°	1291.3	1298.6	1304.5	1311.0	1303.0	1299.4	1303.7	1301.5	1297.9	1295.0	1304.5
27.5°	1228.7	1244.0	1256.4	1272.4	1273.1	1270.2	1281.9	1280.4	1279.7	1275.3	1282.6
30°	1142.0	1166.1	1182.8	1206.1	1225.8	1228.7	1248.4	1251.3	1254.2	1252.0	1259.3
32.5°	1037.2	1069.9	1098.3	1134.7	1153.7	1170.4	1198.1	1209.8	1221.4	1225.1	1233.1
35°	922.8	959.9	993.5	1033.5	1063.4	1099.8	1133.3	1150.8	1177.0	1187.2	1198.8
37.5°	814.3	849.2	882.0	922.1	970.1	1008.0	1049.5	1088.9	1124.6	1139.1	1156.6
40°	718.1	746.5	777.9	812.8	856.5	906.1	951.2	1005.8	1048.1	1077.2	1102.7
42.5°	645.3	659.1	686.1	717.4	752.4	802.6	848.5	909.7	960.7	1002.2	1044.4
45°	580.5	587.0	606.7	623.5	659.1	703.6	752.4	812.1	865.3	918.4	969.4
47.5°	525.1	533.1	542.6	552.8	578.3	615.4	657.7	711.6	764.8	826.7	884.9
50°	488.0	490.2	491.6	496.0	511.3	536.8	571.0	616.9	667.9	734.2	796.1
52.5°	455.2	455.2	450.8	448.7	454.5	470.5	490.2	522.9	575.4	636.6	702.1
55°	420.2	413.7	412.2	405.0	406.4	413.7	423.2	448.7	491.6	544.1	607.4
57.5°	371.5	368.5	368.5	365.6	359.8	363.4	365.6	383.8	414.4	459.6	514.9
60°	315.4	313.9	317.6	318.3	313.2	315.4	314.6	325.6	347.4	383.8	429.7
62.5°	259.3	265.8	266.6	269.5	266.6	265.8	269.5	279.0	289.9	317.6	353.2
65°	217.8	221.4	222.1	225.8	224.3	224.3	227.2	234.5	241.1	260.0	287.7
67.5°	190.8	189.4	190.1	192.3	190.1	189.4	191.6	195.9	201.0	212.7	232.3
70°	169.7	168.2	168.2	168.2	165.3	163.1	163.9	165.3	167.5	174.1	186.5
72.5°	153.7	153.7	151.5	149.3	147.1	145.7	144.2	142.8	142.0	144.2	150.8
75°	139.1	139.8	139.1	136.9	134.0	131.1	128.2	125.3	121.6	120.2	120.9
77.5°	126.0	126.7	127.5	126.7	123.8	120.2	115.8	111.4	106.3	101.2	98.3
80°	114.3	115.8	116.5	115.8	113.6	110.7	105.6	100.5	93.2	86.7	79.4
82.5°	104.2	106.3	107.1	107.1	105.6	102.7	96.9	91.0	83.0	74.3	64.8
85°	96.1	97.6	99.1	99.1	98.3	95.4	89.6	83.0	75.0	64.8	54.6
87.5°	88.1	88.9	90.3	91.8	90.3	87.4	82.3	75.0	67.0	56.8	45.2
90°	80.1	80.8	82.3	83.8	83.0	80.1	75.7	69.2	60.5	49.5	37.9
92.5°	72.1	73.6	74.3	75.0	75.7	73.6	69.9	63.4	54.6	43.7	32.8
95°	66.3	66.3	67.7	68.5	69.2	67.0	64.1	57.5	49.5	39.3	28.4
97.5°	60.5	60.5	61.9	61.9	62.6	61.2	58.3	52.4	44.4	35.0	24.0
100°	54.6	55.4	56.1	56.8	56.8	56.1	53.2	47.3	40.1	31.3	21.1
102.5°	51.0	51.0	51.7	51.7	52.4	51.0	48.1	43.0	35.7	27.7	18.2
105°	47.3	47.3	48.1	48.1	47.3	45.9	43.0	38.6	32.0	24.0	16.0
107.5°	44.4	44.4	44.4	44.4	43.7	42.2	39.3	34.2	28.4	21.9	14.6
110°	42.2	41.5	41.5	40.8	40.1	37.9	35.0	30.6	25.5	18.9	12.4



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	40.1	39.3	38.6	37.9	36.4	34.2	31.3	27.7	22.6	16.8	10.9
115°	37.9	37.1	36.4	35.0	33.5	31.3	28.4	24.8	19.7	14.6	9.5
117.5°	35.7	35.0	33.5	32.0	30.6	28.4	25.5	21.9	17.5	13.1	8.7
120°	32.8	32.0	31.3	29.9	28.4	25.5	22.6	19.7	15.3	11.7	7.3
122.5°	30.6	29.9	28.4	27.7	25.5	23.3	20.4	17.5	13.8	10.2	6.6
125°	27.7	26.9	26.2	24.8	23.3	20.4	18.2	15.3	12.4	8.7	5.1
127.5°	25.5	24.8	23.3	21.9	20.4	18.2	16.0	13.8	10.9	7.3	5.1
130°	22.6	21.9	21.1	19.7	18.2	16.0	14.6	11.7	9.5	6.6	4.4
132.5°	19.7	19.7	18.9	17.5	16.0	14.6	12.4	10.2	8.0	5.8	3.6
135°	18.2	17.5	16.8	15.3	14.6	12.4	10.9	8.7	6.6	5.1	2.9
137.5°	16.0	15.3	14.6	13.8	12.4	10.9	9.5	7.3	5.8	4.4	2.9
140°	13.8	13.1	13.1	11.7	10.9	9.5	8.0	6.6	5.1	3.6	2.2
142.5°	12.4	11.7	10.9	10.2	9.5	8.0	6.6	5.1	4.4	2.9	2.2
145°	10.9	10.2	9.5	8.7	8.0	6.6	5.8	4.4	3.6	2.9	2.2
147.5°	8.7	8.7	8.0	7.3	6.6	5.8	5.1	4.4	2.9	2.2	1.5
150°	7.3	7.3	6.6	5.8	5.8	5.1	4.4	3.6	2.9	2.2	1.5
152.5°	6.6	5.8	5.8	5.1	5.1	4.4	3.6	2.9	2.2	2.2	1.5
155°	5.1	5.1	5.1	4.4	4.4	3.6	2.9	2.9	2.2	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: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1412.2	1403.5	1410.8	1423.9	1422.4	1421.0	1419.5	1422.4	1431.9	1426.8	1418.8
5°	1410.1	1401.3	1409.3	1421.7	1421.0	1418.8	1417.3	1420.3	1429.7	1424.6	1415.9
7.5°	1405.7	1397.7	1403.5	1415.9	1415.9	1414.4	1413.0	1415.9	1424.6	1420.3	1411.5
10°	1398.4	1392.6	1398.4	1410.1	1410.8	1407.9	1406.4	1410.1	1418.8	1416.6	1409.3
12.5°	1392.6	1386.8	1393.3	1405.0	1405.7	1402.8	1400.6	1405.0	1416.6	1418.1	1415.9
15°	1384.6	1379.5	1387.5	1399.9	1399.9	1397.7	1397.7	1403.5	1419.5	1426.1	1429.7
17.5°	1372.9	1369.3	1378.7	1391.1	1391.9	1390.4	1391.1	1402.8	1423.9	1439.9	1450.1
20°	1358.3	1356.9	1367.1	1380.2	1382.4	1383.1	1386.8	1404.2	1433.4	1455.2	1465.4
22.5°	1340.9	1341.6	1353.2	1367.1	1370.0	1372.2	1379.5	1404.2	1440.6	1464.0	1468.3
25°	1321.2	1323.4	1335.8	1352.5	1356.2	1360.5	1372.9	1405.0	1442.8	1458.1	1450.8
27.5°	1300.1	1304.5	1320.5	1338.0	1342.3	1349.6	1365.6	1400.6	1432.6	1433.4	1406.4
30°	1278.2	1283.3	1302.3	1322.7	1329.9	1337.2	1356.9	1390.4	1407.9	1384.6	1337.2
32.5°	1253.5	1260.7	1279.7	1304.5	1313.2	1322.7	1342.3	1370.7	1364.2	1313.9	1246.2
35°	1222.1	1232.3	1254.2	1283.3	1291.3	1303.7	1317.6	1324.1	1295.0	1223.6	1147.1
37.5°	1183.5	1198.8	1224.3	1257.8	1266.6	1274.6	1278.2	1260.0	1201.8	1124.6	1045.2
40°	1139.1	1162.4	1190.1	1227.2	1236.0	1236.0	1222.9	1184.3	1110.7	1009.5	921.3
42.5°	1085.2	1113.6	1148.6	1185.7	1194.5	1184.3	1153.0	1085.2	1001.5	888.6	795.3
45°	1019.7	1057.5	1096.9	1135.5	1139.8	1117.3	1061.2	975.2	871.8	766.9	678.1
47.5°	941.7	991.3	1034.2	1077.9	1072.1	1034.2	959.2	861.6	752.4	653.3	581.9
50°	854.3	912.6	960.7	1002.2	989.8	937.4	849.2	747.3	638.8	554.3	495.3
52.5°	761.1	828.1	876.2	909.7	892.9	830.3	733.4	635.8	547.0	469.8	430.4
55°	664.2	732.0	781.5	807.7	785.9	718.1	622.7	533.9	450.1	399.9	376.5
57.5°	570.3	633.7	680.3	701.4	673.7	606.0	517.8	442.8	382.4	340.1	328.5
60°	480.0	531.7	576.1	592.1	562.3	499.6	423.9	364.2	319.7	290.6	284.8
62.5°	396.2	438.5	473.4	485.8	456.7	407.9	342.3	297.9	266.6	252.0	244.7
65°	327.0	351.8	387.5	385.3	367.8	322.7	274.6	243.3	222.9	213.4	209.0
67.5°	257.1	279.7	302.3	305.2	283.3	252.0	220.7	198.1	187.2	182.1	179.9
70°	198.8	215.6	229.4	225.8	214.1	194.5	174.8	162.4	158.0	155.9	155.9
72.5°	154.4	163.1	169.7	165.3	158.0	147.9	138.4	133.3	134.0	135.5	136.9
75°	119.4	121.6	123.1	118.7	117.3	110.7	110.0	110.7	115.1	119.4	121.6
77.5°	91.8	88.9	86.7	82.3	83.0	82.3	85.9	91.8	98.3	104.9	110.7
80°	70.6	64.1	59.0	54.6	56.8	60.5	67.7	76.5	85.2	92.5	99.8
82.5°	54.6	45.2	37.9	33.5	37.9	43.7	53.2	64.1	74.3	82.3	90.3
85°	42.2	31.3	22.6	18.2	22.6	31.3	41.5	53.9	64.8	73.6	81.6
87.5°	32.8	22.6	12.4	7.3	12.4	21.9	33.5	45.2	56.1	66.3	74.3
90°	26.2	15.3	5.8	1.5	6.6	15.3	26.2	37.9	48.8	59.7	67.7
92.5°	21.1	10.9	2.9	0.0	3.6	11.7	21.9	32.8	43.7	53.9	61.9
95°	17.5	8.7	2.2	0.0	2.9	8.7	17.5	28.4	38.6	48.8	55.4
97.5°	14.6	6.6	1.5	0.0	1.5	7.3	14.6	24.0	34.2	43.7	50.3
100°	12.4	5.8	1.5	0.0	1.5	5.8	12.4	21.1	29.9	38.6	45.2
102.5°	10.2	4.4	0.7	0.7	0.7	4.4	10.9	18.2	26.2	34.2	40.8
105°	9.5	3.6	0.7	0.7	0.7	3.6	9.5	16.0	23.3	30.6	36.4
107.5°	8.0	2.9	0.7	0.7	0.7	2.9	8.0	13.8	21.1	27.7	32.8
110°	6.6	2.9	0.7	0.7	0.7	2.9	6.6	12.4	18.2	24.0	29.1



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-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	16.0	21.9	26.2
115°	5.1	2.2	0.7	0.7	0.7	2.2	5.1	9.5	13.8	18.9	23.3
117.5°	4.4	2.2	0.7	0.7	0.7	1.5	4.4	8.0	12.4	16.8	21.1
120°	3.6	1.5	0.7	0.7	0.7	1.5	3.6	7.3	10.9	14.6	18.2
122.5°	3.6	1.5	0.7	0.7	0.7	1.5	2.9	5.8	9.5	12.4	16.0
125°	2.9	1.5	0.7	0.7	0.7	0.7	2.9	5.1	8.0	10.9	13.8
127.5°	2.9	1.5	0.7	0.7	0.7	0.7	2.2	4.4	6.6	9.5	12.4
130°	2.2	1.5	0.7	0.7	0.7	0.7	1.5	3.6	5.8	8.0	10.2
132.5°	2.2	1.5	0.7	0.7	0.7	0.7	1.5	2.9	4.4	6.6	8.7
135°	2.2	0.7	0.7	0.7	0.7	0.7	0.7	2.2	3.6	5.1	6.6
137.5°	1.5	0.7	0.7	0.7	0.7	0.7	0.7	1.5	2.9	3.6	5.8
140°	1.5	0.7	0.7	0.7	0.7	0.7	0.7	1.5	2.2	2.9	4.4
142.5°	1.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	2.2	3.6
145°	1.5	0.7	0.7	1.5	1.5	0.7	0.7	1.5	1.5	2.2	2.9
147.5°	1.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5	2.2
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.2
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: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1417.3	1400.6	1409.3	1406.4	1409.3	1416.6	1415.9	1413.7	1415.2	1411.5	1407.9
5°	1414.4	1397.7	1406.4	1402.8	1406.4	1413.7	1412.2	1410.1	1412.2	1407.9	1404.2
7.5°	1410.8	1395.5	1405.7	1405.0	1411.5	1421.0	1421.7	1421.7	1426.8	1420.3	1417.3
10°	1410.8	1402.8	1416.6	1421.7	1438.5	1450.8	1452.3	1455.2	1464.0	1462.5	1455.2
12.5°	1426.1	1424.6	1445.0	1457.4	1472.7	1490.2	1499.6	1502.6	1508.4	1504.0	1501.1
15°	1445.7	1453.0	1475.6	1489.4	1506.2	1519.3	1521.5	1523.0	1527.3	1520.8	1515.7
17.5°	1472.0	1476.3	1494.5	1500.4	1511.3	1513.5	1510.6	1503.3	1503.3	1488.7	1484.3
20°	1484.3	1482.2	1489.4	1480.0	1475.6	1462.5	1450.1	1436.3	1435.6	1420.3	1418.8
22.5°	1473.4	1458.9	1443.6	1420.3	1410.1	1391.1	1374.4	1366.4	1361.3	1341.6	1336.5
25°	1434.8	1399.1	1376.6	1348.9	1324.1	1302.3	1286.2	1269.5	1253.5	1237.4	1230.2
27.5°	1367.8	1334.3	1297.9	1259.3	1225.1	1191.6	1164.6	1147.9	1132.6	1111.4	1100.5
30°	1285.5	1238.9	1198.8	1161.7	1105.6	1064.8	1042.2	1008.7	997.1	987.6	967.2
32.5°	1188.6	1132.6	1077.9	1027.7	970.1	932.3	902.4	877.6	870.4	845.6	839.8
35°	1081.6	1008.0	946.1	896.6	855.1	809.2	784.4	767.7	753.1	736.3	733.4
37.5°	955.6	889.3	819.4	775.7	742.9	703.6	684.6	673.0	666.4	654.0	651.9
40°	828.8	762.6	714.5	670.8	650.4	629.3	615.4	610.3	607.4	603.1	598.7
42.5°	713.8	655.5	621.3	592.1	583.4	573.2	569.6	572.5	569.6	568.1	567.4
45°	616.2	571.7	547.7	539.0	536.8	533.9	536.8	541.9	542.6	541.2	541.2
47.5°	527.3	506.2	496.0	497.5	501.1	503.3	508.4	514.9	516.4	512.7	514.2
50°	469.0	456.7	454.5	460.3	468.3	471.2	477.1	482.2	481.4	480.0	478.5
52.5°	414.4	410.8	416.6	422.4	431.2	432.6	434.8	437.0	436.3	433.4	431.9
55°	368.5	371.5	376.5	378.7	385.3	384.6	385.3	385.3	382.4	380.9	378.7
57.5°	327.0	327.8	330.7	331.4	335.0	333.6	332.8	331.4	327.0	326.3	324.1
60°	284.8	283.3	289.9	284.8	287.7	284.8	284.1	280.4	276.0	275.3	273.9
62.5°	244.7	241.8	246.2	244.0	245.4	242.5	241.1	236.7	233.1	232.3	231.6
65°	209.0	207.6	211.9	211.2	212.7	209.0	207.6	204.7	201.7	201.0	200.3
67.5°	179.2	182.8	185.0	185.0	186.5	185.7	182.1	181.4	180.6	177.7	177.7
70°	157.3	159.5	163.9	164.6	163.9	165.3	162.4	161.7	161.0	159.5	158.8
72.5°	139.8	142.8	147.1	147.9	147.1	147.1	145.7	144.9	144.9	142.8	142.8
75°	126.0	129.6	133.3	133.3	133.3	131.8	130.4	130.4	128.9	128.2	126.7
77.5°	114.3	118.7	121.6	120.9	120.2	118.7	118.7	116.5	114.3	114.3	112.9
80°	105.6	108.5	110.7	110.0	109.3	107.1	106.3	104.2	102.7	100.5	100.5
82.5°	96.1	99.8	101.2	100.5	99.1	96.9	96.1	94.7	93.2	92.5	91.0
85°	88.1	91.8	92.5	91.0	89.6	88.1	87.4	86.7	85.9	84.5	84.5
87.5°	80.1	83.8	83.8	83.0	81.6	80.8	80.1	79.4	78.7	77.9	77.2
90°	73.6	76.5	76.5	75.7	75.0	74.3	73.6	72.8	72.1	71.4	71.4
92.5°	67.0	69.9	69.9	69.2	68.5	67.7	67.7	67.0	66.3	65.6	64.8
95°	61.2	64.1	64.1	64.1	63.4	62.6	62.6	61.9	61.2	61.2	60.5
97.5°	55.4	58.3	58.3	58.3	57.5	56.8	56.8	56.1	56.1	56.1	55.4
100°	50.3	52.4	53.2	53.2	52.4	52.4	52.4	51.7	51.7	51.7	51.0
102.5°	45.2	47.3	48.8	48.8	48.8	48.1	48.1	48.1	48.1	48.1	47.3
105°	40.8	43.0	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
107.5°	37.1	39.3	40.8	41.5	42.2	42.2	43.0	43.0	43.0	43.0	43.0
110°	33.5	35.7	37.9	38.6	39.3	40.1	40.1	40.8	40.1	40.1	40.1



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	29.9	32.8	34.2	35.7	36.4	37.1	37.9	37.9	37.9	37.9	37.9
115°	26.9	29.9	31.3	32.8	34.2	35.0	35.0	35.7	35.7	35.7	35.0
117.5°	24.0	26.9	28.4	29.9	30.6	32.0	32.8	32.8	32.8	32.8	32.0
120°	21.9	24.0	25.5	26.9	28.4	29.1	29.9	29.9	29.9	29.9	29.9
122.5°	18.9	21.1	23.3	24.8	25.5	26.2	26.9	26.9	26.9	26.9	26.9
125°	16.8	18.9	20.4	21.9	22.6	24.0	24.0	24.0	24.0	24.0	24.0
127.5°	14.6	16.8	18.2	19.7	20.4	21.1	21.9	21.9	21.9	21.9	21.9
130°	12.4	14.6	16.0	17.5	18.2	18.9	18.9	19.7	19.7	19.7	19.7
132.5°	10.9	12.4	13.8	15.3	16.0	16.8	16.8	17.5	17.5	17.5	17.5
135°	8.7	10.9	11.7	13.1	13.8	14.6	14.6	15.3	15.3	15.3	15.3
137.5°	7.3	8.7	10.2	11.7	12.4	12.4	13.1	13.1	13.8	13.8	13.8
140°	5.8	6.6	8.7	9.5	10.2	10.9	11.7	11.7	11.7	11.7	11.7
142.5°	4.4	5.8	6.6	8.0	8.7	9.5	10.2	10.2	10.2	10.2	10.2
145°	3.6	4.4	5.1	6.6	7.3	8.0	8.7	8.7	8.7	8.7	8.7
147.5°	2.9	3.6	4.4	5.1	5.8	6.6	7.3	7.3	7.3	7.3	7.3
150°	2.2	2.9	3.6	3.6	4.4	5.1	5.8	6.6	6.6	6.6	6.6
152.5°	2.2	2.2	2.9	2.9	3.6	4.4	5.1	5.1	5.1	5.1	5.1
155°	1.5	2.2	2.2	2.2	2.9	2.9	3.6	4.4	4.4	4.4	4.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1410.1	1413.0	1411.5	1409.3	1408.6	1412.2	1408.6	1391.9	1398.4	1399.1	1404.2
5°	1407.9	1410.1	1408.6	1407.1	1405.0	1409.3	1405.0	1387.5	1394.0	1394.8	1399.9
7.5°	1422.4	1423.2	1423.2	1419.5	1413.7	1415.9	1410.1	1390.4	1394.0	1394.0	1397.7
10°	1458.9	1460.3	1462.5	1453.0	1445.7	1439.9	1431.9	1407.9	1407.1	1401.3	1401.3
12.5°	1506.2	1502.6	1498.9	1494.5	1488.7	1481.4	1469.8	1441.4	1431.9	1422.4	1413.0
15°	1520.0	1518.6	1517.9	1515.7	1512.0	1509.8	1501.1	1472.7	1458.9	1447.2	1430.5
17.5°	1483.6	1486.5	1496.0	1496.7	1501.1	1509.8	1508.4	1488.7	1476.3	1471.2	1450.8
20°	1418.1	1418.8	1430.5	1435.6	1454.5	1469.1	1480.0	1477.8	1474.9	1480.7	1465.4
22.5°	1339.4	1344.5	1356.9	1364.9	1383.1	1399.9	1417.3	1426.8	1442.1	1466.1	1463.2
25°	1232.3	1238.9	1256.4	1269.5	1295.0	1320.5	1343.8	1360.5	1378.7	1424.6	1439.9
27.5°	1104.2	1114.4	1136.9	1150.0	1185.7	1212.0	1245.5	1278.2	1303.7	1356.2	1387.5
30°	969.4	978.2	1002.2	1020.4	1051.0	1086.7	1128.9	1175.5	1217.8	1270.9	1310.3
32.5°	843.4	852.9	872.5	888.6	922.8	952.7	999.3	1056.8	1096.1	1169.7	1222.1
35°	733.4	742.2	756.0	769.9	798.3	828.8	868.9	925.0	975.2	1051.7	1118.0
37.5°	656.2	657.7	665.7	673.7	694.8	718.1	749.5	799.0	845.6	927.9	1000.7
40°	600.9	600.9	605.2	607.4	616.9	630.7	650.4	689.0	727.6	790.2	879.1
42.5°	566.6	565.2	565.2	565.9	565.2	571.7	583.4	601.6	635.8	687.5	756.7
45°	541.2	538.2	536.1	531.0	528.0	528.0	528.8	535.3	555.0	588.5	644.6
47.5°	512.7	512.0	508.4	502.6	497.5	493.8	488.0	485.8	491.6	510.6	548.4
50°	480.0	476.3	472.7	468.3	462.5	458.9	447.9	448.7	443.6	452.3	472.0
52.5°	431.9	429.0	427.5	423.9	421.7	420.2	411.5	402.8	400.6	402.0	409.3
55°	378.7	380.2	374.4	377.3	376.5	370.0	366.4	359.8	357.6	356.9	360.5
57.5°	323.4	324.8	321.2	324.1	324.1	320.5	318.3	318.3	313.2	308.8	313.9
60°	273.1	270.2	272.4	276.0	276.0	273.9	272.4	272.4	268.8	267.3	270.9
62.5°	232.3	229.4	231.6	235.3	236.0	234.5	233.1	233.1	228.7	228.7	231.6
65°	201.0	201.7	201.0	203.9	203.9	204.7	203.2	201.7	196.7	198.8	198.1
67.5°	178.4	177.7	177.7	180.6	179.9	181.4	179.9	177.7	174.1	171.2	170.4
70°	159.5	158.8	158.8	160.2	161.0	161.0	160.2	158.8	153.7	150.8	148.6
72.5°	142.8	142.0	142.8	143.5	144.2	144.9	144.2	142.8	138.4	134.7	131.1
75°	127.5	126.7	128.9	128.9	129.6	129.6	130.4	129.6	126.0	121.6	117.3
77.5°	112.2	112.9	115.1	115.8	117.3	118.0	118.7	118.7	115.1	111.4	105.6
80°	99.8	101.2	102.7	103.4	104.9	107.1	107.8	108.5	105.6	102.0	95.4
82.5°	91.0	91.8	93.2	94.0	96.1	96.9	97.6	99.1	97.6	94.0	86.7
85°	83.8	84.5	85.9	85.9	87.4	88.9	89.6	90.3	89.6	85.9	78.7
87.5°	77.2	77.9	78.7	79.4	80.1	80.8	81.6	82.3	81.6	77.9	71.4
90°	71.4	71.4	72.1	72.1	72.8	73.6	75.0	75.0	74.3	71.4	64.8
92.5°	64.8	65.6	65.6	66.3	67.0	67.7	68.5	68.5	67.7	64.8	59.0
95°	60.5	60.5	61.2	61.2	61.9	61.9	62.6	62.6	61.9	59.0	53.2
97.5°	55.4	55.4	55.4	55.4	56.1	56.1	56.8	56.8	56.1	53.2	48.1
100°	51.0	51.0	51.0	51.0	51.0	51.7	51.7	51.7	51.0	48.1	43.0
102.5°	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	45.9	43.7	38.6
105°	45.2	45.2	45.2	44.4	44.4	44.4	43.7	43.7	41.5	39.3	35.0
107.5°	42.2	42.2	42.2	41.5	41.5	40.8	40.1	40.1	37.9	35.7	31.3
110°	40.1	40.1	40.1	39.3	38.6	37.9	37.1	36.4	34.2	31.3	27.7



TEST NUMBER: P290188

CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	37.9	37.9	37.1	37.1	36.4	35.7	34.2	33.5	31.3	28.4	24.8
115°	35.0	35.0	35.0	34.2	33.5	32.8	32.0	30.6	28.4	25.5	21.9
117.5°	32.0	32.0	32.0	31.3	30.6	29.9	29.1	27.7	25.5	22.6	19.7
120°	29.1	29.1	29.1	28.4	27.7	26.9	26.2	24.8	22.6	20.4	16.8
122.5°	26.9	26.9	26.2	25.5	24.8	24.0	23.3	21.9	20.4	17.5	14.6
125°	24.0	24.0	23.3	23.3	22.6	21.9	21.1	19.7	17.5	15.3	13.1
127.5°	21.9	21.1	21.1	21.1	20.4	19.7	18.2	17.5	15.3	13.1	10.9
130°	18.9	18.9	18.9	18.2	18.2	17.5	16.0	14.6	13.1	11.7	9.5
132.5°	16.8	16.8	16.8	16.8	16.0	15.3	13.8	13.1	11.7	9.5	8.0
135°	15.3	15.3	14.6	14.6	13.8	13.1	12.4	10.9	9.5	8.0	6.6
137.5°	13.1	13.1	13.1	12.4	12.4	11.7	10.2	9.5	8.7	7.3	5.8
140°	11.7	11.7	10.9	10.9	10.2	10.2	9.5	8.0	7.3	5.8	5.1
142.5°	10.2	10.2	9.5	9.5	8.7	8.7	8.0	7.3	5.8	5.1	3.6
145°	8.7	8.7	8.0	8.0	8.0	7.3	6.6	5.8	5.1	4.4	3.6
147.5°	7.3	7.3	7.3	6.6	6.6	5.8	5.8	5.1	4.4	3.6	2.9
150°	6.6	6.6	5.8	5.8	5.8	5.1	4.4	4.4	3.6	2.9	2.2
152.5°	5.1	5.1	5.1	5.1	4.4	4.4	3.6	3.6	2.9	2.2	2.2
155°	4.4	4.4	4.4	3.6	3.6	3.6	2.9	2.9	2.2	2.2	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



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CATALOG NUMBER: 4SSRK-LC-40-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1	1410.1
2.5°	1402.0	1401.3	1407.9	1407.1	1398.4	1411.5	1420.3
5°	1398.4	1397.7	1403.5	1405.0	1395.5	1409.3	1418.8
7.5°	1395.5	1394.8	1401.3	1403.5	1394.0	1406.4	1416.6
10°	1396.2	1392.6	1398.4	1399.9	1391.1	1404.2	1413.0
12.5°	1401.3	1392.6	1394.8	1394.8	1386.8	1398.4	1407.9
15°	1413.7	1395.5	1392.6	1390.4	1380.2	1391.1	1400.6
17.5°	1427.5	1402.8	1392.6	1385.3	1372.9	1382.4	1392.6
20°	1441.4	1410.8	1394.0	1382.4	1365.6	1374.4	1381.7
22.5°	1447.9	1418.1	1395.5	1378.0	1356.9	1361.3	1369.3
25°	1439.2	1415.2	1392.6	1371.5	1346.0	1346.7	1353.2
27.5°	1407.1	1400.6	1386.0	1364.9	1337.2	1333.6	1338.7
30°	1352.5	1370.7	1371.5	1356.2	1327.0	1319.7	1321.9
32.5°	1276.0	1316.8	1340.9	1338.0	1312.5	1302.3	1303.7
35°	1187.9	1238.9	1291.3	1308.8	1290.6	1282.6	1279.7
37.5°	1082.3	1150.8	1220.7	1263.7	1260.7	1255.7	1252.7
40°	965.8	1048.1	1131.1	1199.6	1220.7	1220.7	1222.1
42.5°	841.2	937.4	1028.4	1115.1	1164.6	1175.5	1179.9
45°	721.1	817.9	917.0	1016.8	1083.0	1117.3	1129.6
47.5°	611.8	709.4	803.4	912.6	1000.7	1045.2	1064.8
50°	518.6	591.4	690.5	799.0	895.1	949.8	988.4
52.5°	441.4	498.2	584.9	686.1	783.0	858.0	893.7
55°	376.5	415.2	488.7	576.1	668.6	746.5	788.1
57.5°	321.9	352.5	402.8	475.6	553.5	630.7	675.2
60°	273.9	295.0	329.2	386.7	453.0	519.3	562.3
62.5°	232.3	246.2	268.8	311.0	362.7	414.4	454.5
65°	200.3	206.1	218.5	244.7	284.1	323.4	357.6
67.5°	169.0	172.6	182.1	198.1	217.8	246.2	268.8
70°	145.7	145.7	146.4	155.9	166.1	184.3	200.3
72.5°	126.7	124.5	120.2	122.4	124.5	134.7	144.9
75°	111.4	106.3	99.1	96.1	94.7	96.1	102.0
77.5°	98.3	91.0	82.3	75.0	69.2	67.0	72.1
80°	87.4	78.7	68.5	59.0	49.5	44.4	46.6
82.5°	78.7	67.7	56.8	45.9	35.0	27.7	27.7
85°	69.2	59.0	47.3	35.7	24.8	15.3	13.8
87.5°	62.6	51.7	39.3	28.4	17.5	8.0	4.4
90°	56.1	45.2	33.5	22.6	12.4	3.6	0.0
92.5°	50.3	40.1	29.1	18.2	8.7	2.2	0.0
95°	45.2	35.7	24.8	15.3	7.3	1.5	0.7
97.5°	40.1	31.3	21.9	12.4	5.1	1.5	0.7
100°	36.4	27.7	18.9	10.2	4.4	0.7	0.7
102.5°	32.0	24.8	16.0	8.7	3.6	0.7	0.7
105°	28.4	21.9	13.8	7.3	2.9	0.7	0.7
107.5°	25.5	18.9	12.4	6.6	2.9	0.7	0.7
110°	22.6	16.8	10.9	5.8	2.2	0.7	0.7



TEST NUMBER: P290188

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	20.4	14.6	9.5	5.1	1.5	0.7	0.7
115°	17.5	13.1	8.0	4.4	1.5	0.7	0.7
117.5°	15.3	10.9	7.3	3.6	1.5	0.7	0.7
120°	13.1	9.5	5.8	2.9	0.7	0.7	0.7
122.5°	11.7	8.0	5.1	2.9	0.7	0.7	0.7
125°	10.2	7.3	4.4	2.2	0.7	0.7	0.7
127.5°	8.7	5.8	3.6	1.5	0.7	0.7	0.7
130°	7.3	5.1	2.9	1.5	0.7	0.7	0.7
132.5°	5.8	4.4	2.9	1.5	0.7	0.7	0.7
135°	5.1	3.6	2.2	1.5	0.7	0.7	0.7
137.5°	4.4	2.9	1.5	1.5	1.5	0.7	0.7
140°	3.6	2.2	1.5	1.5	1.5	1.5	0.7
142.5°	2.9	2.2	1.5	1.5	1.5	1.5	0.7
145°	2.2	1.5	1.5	1.5	1.5	1.5	0.7
147.5°	2.2	1.5	1.5	1.5	1.5	1.5	0.7
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)