

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: P290214

Luminaire Tested: **8SSRK-LC-40-L940-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: P290214  
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-L940-CD1-U  
Description: 4000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.   Condition   Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3630.7 lumens  
Efficiency: N/A  
Efficacy: 134.4 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

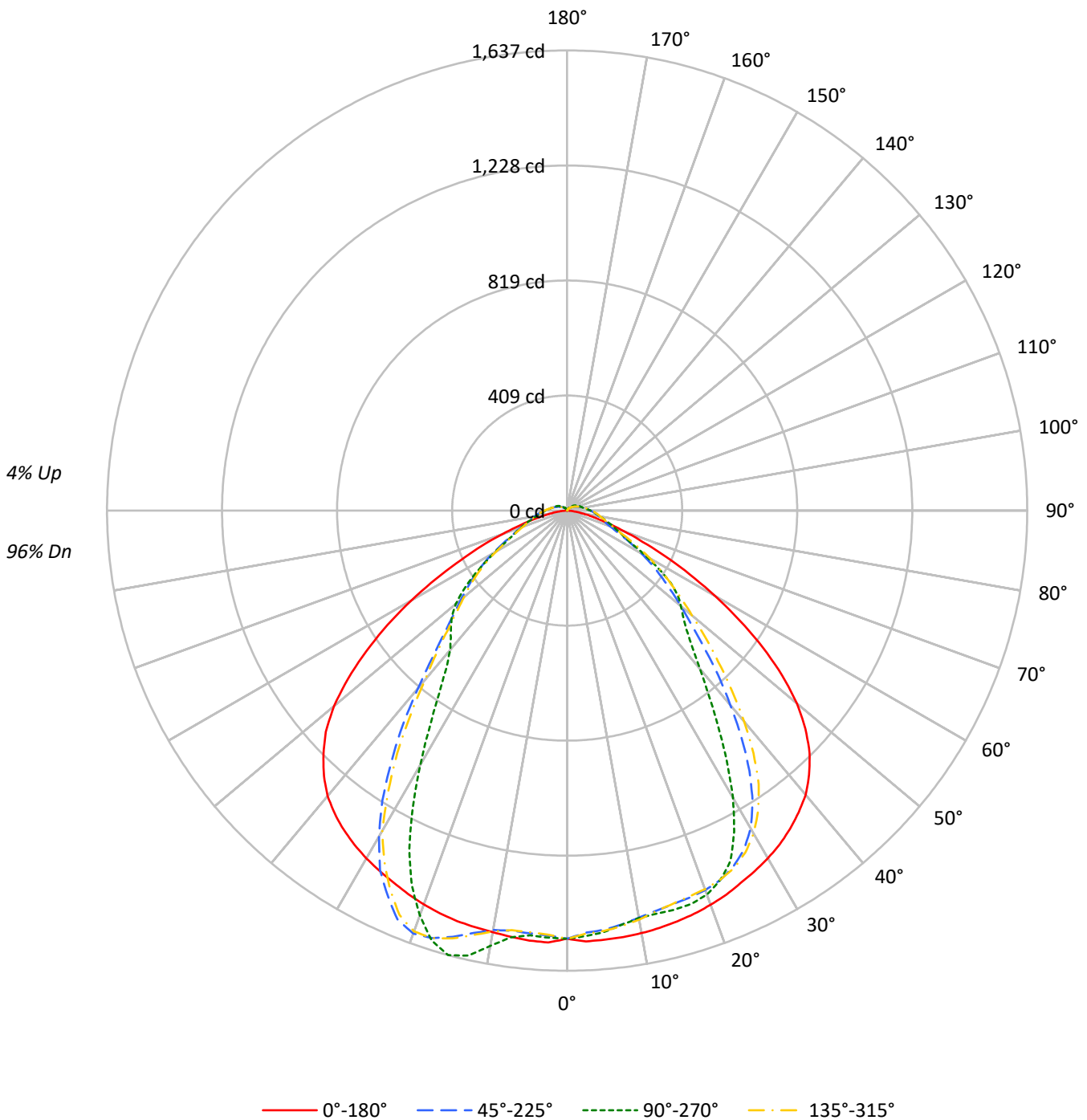
Input Watts (W): 27.0151  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	49180	49180	49180	49180
5°	49582	36135	49686	36419
10°	49857	28302	49756	30223
15°	50293	23725	50266	26416
20°	50895	20342	50841	21442
25°	51575	17100	51547	16523
30°	52606	13286	52635	11771
35°	53704	9709	53855	8216
40°	54687	7102	54915	6257
45°	54581	5482	54863	5339
50°	52328	4605	53064	4502
55°	46537	3774	47696	3431
60°	37855	2627	39869	2410
65°	28254	1820	30434	1726
70°	19316	1413	21781	1350
75°	12746	1133	14841	1072
80°	8365	926	9812	853
85°	4459	792	5895	724



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	144.7	4.0
10°-20°	430.4	11.9
20°-30°	654.4	18.0
30°-40°	702.0	19.3
40°-50°	609.3	16.8
50°-60°	451.5	12.4
60°-70°	258.7	7.1
70°-80°	143.3	3.9
80°-90°	87.2	2.4
90°-100°	56.7	1.6
100°-110°	38.0	1.0
110°-120°	25.7	0.7
120°-130°	15.7	0.4
130°-140°	8.3	0.2
140°-150°	3.8	0.1
150°-160°	1.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1229.5	33.9
0°-40°	1931.5	53.2
0°-60°	2992.2	82.4
0°-90°	3481.4	95.9
90°-120°	120.4	3.3
90°-150°	148.2	4.1
90°-180°	149.0	4.1
0°-180°	3630.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1523	1523	1523	1523	1523	
5°	1532	1505	1536	1517	1532	146
15°	1513	1470	1512	1637	1513	428
25°	1462	1375	1461	1329	1462	676
35°	1382	936	1386	792	1382	865
45°	1220	600	1226	584	1220	934
55°	851	450	872	409	851	755
65°	386	228	416	216	386	389
75°	110	145	128	137	110	126
85°	15	100	20	91	15	20
90°	0	83	2	77	0	1
95°	1	68	0	65	1	1
105°	1	51	1	49	1	1
115°	1	42	1	38	1	1
125°	1	32	1	26	1	1
135°	1	20	1	16	1	1
145°	1	12	2	9	1	1
155°	2	6	2	5	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°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1534.0	1530.1	1528.5	1525.3	1527.7	1537.1	1530.9	1520.6	1521.4	1503.3	1512.8
5°	1532.4	1527.7	1525.3	1522.2	1523.8	1532.4	1526.1	1515.9	1515.1	1497.0	1505.7
7.5°	1530.1	1525.3	1521.4	1519.1	1519.8	1526.9	1519.1	1507.3	1504.9	1485.2	1493.1
10°	1526.1	1523.0	1517.5	1513.5	1512.8	1520.6	1508.0	1496.2	1490.7	1470.3	1478.1
12.5°	1520.6	1515.9	1510.4	1503.3	1502.5	1507.3	1497.0	1480.5	1475.0	1458.5	1467.1
15°	1512.8	1507.3	1501.0	1493.1	1489.2	1492.3	1479.7	1464.8	1464.0	1449.8	1461.6
17.5°	1504.1	1496.2	1489.2	1478.1	1472.6	1475.0	1464.8	1451.4	1453.0	1444.3	1457.7
20°	1492.3	1483.7	1472.6	1461.6	1453.8	1457.7	1450.6	1440.4	1442.7	1436.5	1448.3
22.5°	1478.9	1467.1	1453.8	1441.2	1434.9	1440.4	1434.9	1426.2	1427.0	1423.1	1430.2
25°	1461.6	1448.3	1432.5	1416.8	1413.6	1417.6	1414.4	1407.3	1404.2	1397.9	1401.1
27.5°	1445.9	1430.9	1411.3	1394.8	1389.3	1397.1	1390.0	1378.2	1369.6	1360.9	1354.6
30°	1427.8	1409.7	1387.7	1368.8	1364.1	1367.2	1357.0	1338.9	1316.1	1305.1	1287.8
32.5°	1408.1	1384.5	1357.0	1335.8	1332.6	1330.3	1311.4	1285.4	1250.0	1228.0	1201.2
35°	1382.2	1356.2	1323.2	1297.2	1292.5	1279.1	1248.4	1213.8	1168.2	1130.4	1084.8
37.5°	1353.1	1322.4	1287.8	1253.2	1239.8	1213.0	1169.8	1133.6	1064.4	1018.7	963.7
40°	1320.0	1283.1	1240.6	1198.9	1176.9	1133.6	1084.0	1030.5	963.7	902.3	855.9
42.5°	1274.4	1235.1	1184.7	1138.3	1100.5	1043.1	984.9	909.4	848.0	796.1	748.9
45°	1220.1	1172.9	1114.7	1058.9	1010.9	942.4	874.0	798.5	747.3	686.8	654.5
47.5°	1150.1	1099.0	1036.8	974.7	911.7	836.2	764.6	692.3	641.1	597.9	574.3
50°	1067.5	1020.3	951.9	877.9	808.7	730.0	658.4	604.2	554.6	527.9	509.8
52.5°	965.2	921.2	851.2	770.9	704.1	627.0	561.7	517.6	482.2	462.6	456.3
55°	851.2	812.6	743.4	668.7	600.2	529.4	479.9	441.3	418.5	406.7	407.5
57.5°	729.2	699.3	634.1	567.2	502.7	449.2	404.3	373.7	356.4	355.6	357.9
60°	607.3	585.3	528.6	471.2	414.6	371.3	338.3	317.0	306.0	306.8	306.0
62.5°	490.9	470.4	429.5	382.3	337.5	308.4	278.5	269.8	260.4	259.6	259.6
65°	386.3	370.5	337.5	303.7	269.8	250.9	236.0	225.8	218.7	217.1	217.9
67.5°	290.3	284.0	261.2	238.4	217.1	205.3	192.7	190.4	184.9	184.9	186.4
70°	216.3	211.6	199.0	185.7	177.0	169.1	162.8	162.8	162.1	161.3	165.2
72.5°	156.5	157.3	153.4	143.2	142.4	140.8	139.2	141.6	142.4	144.7	149.5
75°	110.1	112.5	112.5	110.9	114.1	118.0	120.4	124.3	129.0	132.2	137.7
77.5°	77.9	77.9	81.8	86.5	92.8	99.9	106.2	111.7	118.0	121.9	126.7
80°	50.3	52.7	59.0	67.7	76.3	85.7	94.4	101.5	107.8	114.1	117.2
82.5°	29.9	33.8	41.7	52.7	63.7	75.5	84.2	92.8	99.9	106.2	108.6
85°	14.9	20.5	29.9	41.7	53.5	66.1	77.1	85.0	92.8	98.3	101.5
87.5°	4.7	11.0	21.2	32.3	44.8	57.4	69.2	77.9	85.0	89.7	92.8
90°	0.0	5.5	14.9	26.7	38.5	51.1	62.1	71.6	78.7	82.6	85.0
92.5°	0.0	3.1	11.8	22.0	33.0	45.6	56.6	65.3	71.6	75.5	77.1
95°	0.8	2.4	8.7	18.1	29.1	40.9	51.1	59.0	65.3	69.2	70.0
97.5°	0.8	1.6	7.1	14.9	25.2	36.2	46.4	54.3	59.0	62.9	63.7
100°	0.8	1.6	5.5	13.4	22.0	32.3	41.7	48.8	54.3	57.4	58.2
102.5°	0.8	0.8	4.7	11.0	19.7	28.3	37.0	44.1	48.8	51.9	53.5
105°	0.8	0.8	3.9	9.4	17.3	25.2	33.0	40.1	44.1	47.2	48.8
107.5°	0.8	0.8	3.1	7.9	14.9	22.0	29.9	35.4	40.1	43.3	44.8
110°	0.8	0.8	2.4	7.1	12.6	19.7	26.0	31.5	36.2	39.3	40.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.8	0.8	2.4	6.3	11.0	17.3	22.8	28.3	32.3	35.4	37.8
115°	0.8	0.8	2.4	5.5	10.2	14.9	20.5	25.2	29.1	32.3	34.6
117.5°	0.8	0.8	2.4	4.7	8.7	13.4	18.1	22.8	26.0	29.1	31.5
120°	0.8	0.8	1.6	3.9	7.9	11.8	15.7	19.7	23.6	26.7	29.1
122.5°	0.8	0.8	1.6	3.9	6.3	10.2	14.2	17.3	21.2	23.6	26.0
125°	0.8	0.8	1.6	3.1	5.5	9.4	12.6	15.7	18.1	21.2	23.6
127.5°	0.8	0.8	1.6	3.1	4.7	7.9	11.0	14.2	16.5	18.9	20.5
130°	0.8	0.8	1.6	2.4	3.9	6.3	9.4	11.8	14.9	16.5	18.1
132.5°	0.8	0.8	0.8	2.4	3.1	4.7	7.1	10.2	12.6	14.9	15.7
135°	0.8	0.8	0.8	1.6	3.1	3.9	5.5	7.9	10.2	12.6	14.2
137.5°	0.8	0.8	0.8	1.6	2.4	3.9	4.7	6.3	8.7	10.2	12.6
140°	0.8	0.8	0.8	1.6	2.4	3.1	3.9	5.5	7.1	8.7	10.2
142.5°	0.8	0.8	0.8	1.6	1.6	2.4	3.1	4.7	5.5	7.1	8.7
145°	0.8	0.8	0.8	1.6	1.6	2.4	3.1	3.9	4.7	5.5	7.1
147.5°	0.8	0.8	0.8	1.6	1.6	1.6	2.4	3.1	3.9	4.7	5.5
150°	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	3.1	3.9	4.7
152.5°	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	3.1	3.9
155°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	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



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1509.6	1511.2	1520.6	1519.8	1518.3	1516.7	1516.7	1515.1	1516.7	1520.6	1519.1
5°	1501.7	1504.1	1511.2	1510.4	1508.8	1508.0	1507.3	1504.9	1506.5	1512.0	1510.4
7.5°	1487.6	1489.9	1496.2	1493.1	1490.7	1492.3	1488.4	1486.0	1489.2	1494.7	1493.9
10°	1472.6	1474.2	1482.1	1480.5	1476.6	1477.4	1473.4	1471.9	1475.8	1478.9	1479.7
12.5°	1462.4	1467.9	1475.0	1474.2	1473.4	1474.2	1470.3	1468.7	1471.1	1474.2	1473.4
15°	1460.1	1467.1	1475.0	1475.0	1475.8	1476.6	1472.6	1470.3	1472.6	1475.0	1474.2
17.5°	1457.7	1466.3	1473.4	1472.6	1473.4	1475.0	1468.7	1467.1	1470.3	1473.4	1471.9
20°	1449.8	1457.7	1462.4	1460.8	1460.8	1461.6	1453.8	1453.8	1458.5	1460.8	1461.6
22.5°	1427.8	1437.2	1437.2	1433.3	1433.3	1430.2	1427.8	1423.1	1428.6	1432.5	1435.7
25°	1394.8	1398.7	1394.0	1385.3	1380.6	1376.7	1365.7	1375.1	1375.1	1386.9	1390.8
27.5°	1348.3	1339.7	1326.3	1308.2	1304.3	1291.7	1284.6	1287.0	1290.9	1307.4	1320.0
30°	1272.0	1246.1	1223.3	1215.4	1198.1	1185.5	1172.9	1179.2	1186.3	1195.7	1221.7
32.5°	1171.3	1146.2	1109.2	1095.8	1077.7	1062.0	1047.1	1056.5	1069.1	1075.4	1103.7
35°	1055.7	1025.8	992.0	969.2	950.3	941.6	922.8	936.1	949.5	954.2	978.6
37.5°	933.0	902.3	872.4	852.7	834.7	829.1	816.6	826.0	836.2	843.3	863.8
40°	816.6	788.2	765.4	752.1	739.5	734.7	730.0	734.0	741.8	747.3	763.1
42.5°	716.7	693.8	678.1	670.2	661.6	655.3	656.1	657.7	661.6	673.4	680.5
45°	629.3	616.0	605.7	604.2	598.7	597.9	597.1	600.2	602.6	609.7	615.2
47.5°	559.3	553.8	551.5	554.6	557.0	553.8	555.4	559.3	564.0	564.0	563.3
50°	504.3	505.8	509.0	516.1	520.8	522.3	523.9	528.6	529.4	531.0	528.6
52.5°	459.4	461.0	469.6	480.7	486.2	488.5	491.7	496.4	496.4	498.0	494.8
55°	413.8	416.1	424.8	435.8	440.5	443.7	446.8	450.0	452.3	455.5	453.1
57.5°	363.4	370.5	376.0	379.2	382.3	384.7	387.0	387.8	392.5	393.3	397.3
60°	309.9	311.5	317.0	316.2	313.9	320.2	317.0	322.5	328.0	335.1	335.9
62.5°	258.8	259.6	263.5	262.0	265.1	264.3	266.7	266.7	270.6	273.8	277.7
65°	218.7	219.5	222.6	222.6	221.8	224.2	226.6	228.1	228.1	230.5	233.6
67.5°	188.8	191.2	194.3	195.9	197.5	197.5	199.8	200.6	202.2	203.0	204.5
70°	168.3	171.5	174.6	176.2	177.0	178.6	179.4	179.4	180.9	181.7	183.3
72.5°	153.4	156.5	158.9	158.9	160.5	161.3	161.3	162.1	162.8	164.4	166.0
75°	140.8	143.2	144.7	144.0	144.0	144.0	144.7	144.7	146.3	147.9	149.5
77.5°	129.0	131.4	131.4	129.8	129.8	129.8	129.8	130.6	131.4	132.9	134.5
80°	120.4	120.4	119.6	119.6	118.0	117.2	117.2	118.0	118.0	119.6	121.9
82.5°	110.9	110.9	110.1	109.3	108.6	107.8	107.8	108.6	109.3	110.1	111.7
85°	102.3	102.3	100.7	100.7	99.9	99.9	99.9	99.9	100.7	101.5	103.1
87.5°	93.6	92.8	92.0	91.3	91.3	91.3	91.3	91.3	92.0	93.6	94.4
90°	85.0	84.2	83.4	83.4	82.6	82.6	83.4	83.4	84.2	85.0	85.7
92.5°	77.1	76.3	75.5	75.5	74.7	74.7	75.5	74.7	76.3	76.3	77.1
95°	70.0	69.2	68.4	68.4	68.4	68.4	68.4	68.4	69.2	69.2	70.0
97.5°	63.7	62.9	62.1	62.1	62.9	62.1	62.9	62.9	62.9	63.7	64.5
100°	58.2	57.4	57.4	58.2	57.4	57.4	58.2	58.2	58.2	58.2	59.0
102.5°	53.5	53.5	53.5	53.5	53.5	53.5	54.3	54.3	54.3	54.3	55.1
105°	48.8	49.6	49.6	49.6	50.3	50.3	50.3	51.1	51.1	51.1	51.1
107.5°	45.6	46.4	46.4	47.2	47.2	48.0	48.0	48.0	48.0	48.8	48.8
110°	42.5	43.3	44.1	44.8	44.8	45.6	45.6	45.6	45.6	45.6	45.6





TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	39.3	40.1	40.9	42.5	43.3	43.3	43.3	43.3	44.1	44.1	43.3
115°	36.2	37.8	38.5	40.1	40.9	40.9	41.7	41.7	41.7	41.7	40.9
117.5°	33.0	35.4	36.2	37.8	38.5	38.5	39.3	39.3	39.3	39.3	38.5
120°	30.7	32.3	33.8	34.6	35.4	36.2	36.2	37.0	37.0	37.0	36.2
122.5°	28.3	29.9	31.5	32.3	33.0	33.8	33.8	33.8	33.8	33.8	33.8
125°	25.2	26.7	28.3	29.1	29.9	30.7	30.7	31.5	31.5	31.5	30.7
127.5°	22.8	24.4	25.2	26.7	27.5	27.5	28.3	28.3	28.3	28.3	27.5
130°	19.7	21.2	22.8	23.6	24.4	24.4	25.2	25.2	25.2	25.2	25.2
132.5°	17.3	18.9	19.7	21.2	21.2	22.0	22.0	22.8	22.8	22.8	22.0
135°	15.7	16.5	17.3	18.9	18.9	19.7	19.7	19.7	19.7	19.7	19.7
137.5°	14.2	14.9	15.7	16.5	16.5	17.3	17.3	17.3	17.3	18.1	17.3
140°	11.8	13.4	14.2	14.2	14.9	14.9	14.9	15.7	15.7	15.7	14.9
142.5°	10.2	11.0	11.8	12.6	13.4	13.4	13.4	13.4	14.2	13.4	13.4
145°	7.9	9.4	10.2	11.0	11.8	11.8	11.8	11.8	11.8	11.8	11.8
147.5°	6.3	7.1	8.7	9.4	9.4	10.2	10.2	10.2	10.2	10.2	10.2
150°	5.5	5.5	7.1	7.9	8.7	8.7	8.7	8.7	8.7	8.7	8.7
152.5°	3.9	4.7	5.5	6.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
155°	3.9	3.9	4.7	4.7	5.5	5.5	5.5	5.5	6.3	5.5	5.5
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: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1516.7	1515.9	1519.1	1515.9	1500.2	1506.5	1504.1	1512.8	1513.5	1515.9	1523.8
5°	1508.8	1508.8	1512.8	1509.6	1494.7	1501.0	1500.2	1508.8	1510.4	1512.0	1520.6
7.5°	1493.1	1493.9	1499.4	1497.0	1481.3	1490.7	1489.9	1500.2	1503.3	1506.5	1514.3
10°	1478.1	1477.4	1483.7	1481.3	1466.3	1477.4	1476.6	1486.8	1491.5	1497.0	1506.5
12.5°	1470.3	1467.9	1470.3	1467.9	1451.4	1460.1	1460.8	1472.6	1478.1	1485.2	1496.2
15°	1470.3	1466.3	1466.3	1461.6	1442.7	1448.3	1449.0	1456.9	1464.0	1471.1	1484.4
17.5°	1468.7	1464.8	1464.0	1460.1	1439.6	1439.6	1438.8	1444.3	1448.3	1455.3	1469.5
20°	1460.1	1458.5	1457.7	1455.3	1436.5	1433.3	1431.7	1431.7	1434.1	1436.5	1450.6
22.5°	1437.2	1438.8	1440.4	1442.0	1427.0	1421.5	1422.3	1420.7	1418.4	1418.4	1430.2
25°	1394.8	1402.6	1408.9	1416.0	1407.3	1403.4	1408.1	1405.8	1401.8	1398.7	1408.9
27.5°	1327.1	1343.6	1357.0	1374.3	1375.1	1371.9	1384.5	1383.0	1382.2	1377.5	1385.3
30°	1233.5	1259.5	1277.5	1302.7	1324.0	1327.1	1348.3	1351.5	1354.6	1352.3	1360.1
32.5°	1120.2	1155.6	1186.3	1225.6	1246.1	1264.2	1294.1	1306.7	1319.2	1323.2	1331.8
35°	996.7	1036.8	1073.0	1116.3	1148.5	1187.9	1224.1	1242.9	1271.3	1282.3	1294.9
37.5°	879.5	917.3	952.7	995.9	1047.8	1088.7	1133.6	1176.1	1214.6	1230.3	1249.2
40°	775.7	806.3	840.2	877.9	925.1	978.6	1027.4	1086.4	1132.0	1163.5	1191.0
42.5°	697.0	711.9	741.0	774.9	812.6	866.9	916.5	982.5	1037.6	1082.5	1128.1
45°	627.0	634.1	655.3	673.4	711.9	759.9	812.6	877.1	934.6	992.0	1047.1
47.5°	567.2	575.8	586.1	597.1	624.6	664.7	710.4	768.6	826.0	892.9	955.8
50°	527.1	529.4	531.0	535.7	552.2	579.8	616.7	666.3	721.4	793.0	859.8
52.5°	491.7	491.7	486.9	484.6	490.9	508.2	529.4	564.8	621.5	687.5	758.3
55°	453.9	446.8	445.3	437.4	439.0	446.8	457.1	484.6	531.0	587.6	656.1
57.5°	401.2	398.1	398.1	394.9	388.6	392.5	394.9	414.6	447.6	496.4	556.2
60°	340.6	339.1	343.0	343.8	338.3	340.6	339.8	351.6	375.2	414.6	464.1
62.5°	280.1	287.1	287.9	291.1	287.9	287.1	291.1	301.3	313.1	343.0	381.5
65°	235.2	239.1	239.9	243.9	242.3	242.3	245.4	253.3	260.4	280.8	310.7
67.5°	206.1	204.5	205.3	207.7	205.3	204.5	206.9	211.6	217.1	229.7	250.9
70°	183.3	181.7	181.7	181.7	178.6	176.2	177.0	178.6	180.9	188.0	201.4
72.5°	166.0	166.0	163.6	161.3	158.9	157.3	155.8	154.2	153.4	155.8	162.8
75°	150.3	151.0	150.3	147.9	144.7	141.6	138.5	135.3	131.4	129.8	130.6
77.5°	136.1	136.9	137.7	136.9	133.7	129.8	125.1	120.4	114.9	109.3	106.2
80°	123.5	125.1	125.9	125.1	122.7	119.6	114.1	108.6	100.7	93.6	85.7
82.5°	112.5	114.9	115.6	115.6	114.1	110.9	104.6	98.3	89.7	80.2	70.0
85°	103.8	105.4	107.0	107.0	106.2	103.1	96.8	89.7	81.0	70.0	59.0
87.5°	95.2	96.0	97.5	99.1	97.5	94.4	88.9	81.0	72.4	61.4	48.8
90°	86.5	87.3	88.9	90.5	89.7	86.5	81.8	74.7	65.3	53.5	40.9
92.5°	77.9	79.5	80.2	81.0	81.8	79.5	75.5	68.4	59.0	47.2	35.4
95°	71.6	71.6	73.2	73.9	74.7	72.4	69.2	62.1	53.5	42.5	30.7
97.5°	65.3	65.3	66.9	66.9	67.7	66.1	62.9	56.6	48.0	37.8	26.0
100°	59.0	59.8	60.6	61.4	61.4	60.6	57.4	51.1	43.3	33.8	22.8
102.5°	55.1	55.1	55.9	55.9	56.6	55.1	51.9	46.4	38.5	29.9	19.7
105°	51.1	51.1	51.9	51.9	51.1	49.6	46.4	41.7	34.6	26.0	17.3
107.5°	48.0	48.0	48.0	48.0	47.2	45.6	42.5	37.0	30.7	23.6	15.7
110°	45.6	44.8	44.8	44.1	43.3	40.9	37.8	33.0	27.5	20.5	13.4



TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	43.3	42.5	41.7	40.9	39.3	37.0	33.8	29.9	24.4	18.1	11.8
115°	40.9	40.1	39.3	37.8	36.2	33.8	30.7	26.7	21.2	15.7	10.2
117.5°	38.5	37.8	36.2	34.6	33.0	30.7	27.5	23.6	18.9	14.2	9.4
120°	35.4	34.6	33.8	32.3	30.7	27.5	24.4	21.2	16.5	12.6	7.9
122.5°	33.0	32.3	30.7	29.9	27.5	25.2	22.0	18.9	14.9	11.0	7.1
125°	29.9	29.1	28.3	26.7	25.2	22.0	19.7	16.5	13.4	9.4	5.5
127.5°	27.5	26.7	25.2	23.6	22.0	19.7	17.3	14.9	11.8	7.9	5.5
130°	24.4	23.6	22.8	21.2	19.7	17.3	15.7	12.6	10.2	7.1	4.7
132.5°	21.2	21.2	20.5	18.9	17.3	15.7	13.4	11.0	8.7	6.3	3.9
135°	19.7	18.9	18.1	16.5	15.7	13.4	11.8	9.4	7.1	5.5	3.1
137.5°	17.3	16.5	15.7	14.9	13.4	11.8	10.2	7.9	6.3	4.7	3.1
140°	14.9	14.2	14.2	12.6	11.8	10.2	8.7	7.1	5.5	3.9	2.4
142.5°	13.4	12.6	11.8	11.0	10.2	8.7	7.1	5.5	4.7	3.1	2.4
145°	11.8	11.0	10.2	9.4	8.7	7.1	6.3	4.7	3.9	3.1	2.4
147.5°	9.4	9.4	8.7	7.9	7.1	6.3	5.5	4.7	3.1	2.4	1.6
150°	7.9	7.9	7.1	6.3	6.3	5.5	4.7	3.9	3.1	2.4	1.6
152.5°	7.1	6.3	6.3	5.5	5.5	4.7	3.9	3.1	2.4	2.4	1.6
155°	5.5	5.5	5.5	4.7	4.7	3.9	3.1	3.1	2.4	1.6	1.6
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: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1525.3	1515.9	1523.8	1537.9	1536.4	1534.8	1533.2	1536.4	1546.6	1541.1	1532.4
5°	1523.0	1513.5	1522.2	1535.6	1534.8	1532.4	1530.9	1534.0	1544.2	1538.7	1529.3
7.5°	1518.3	1509.6	1515.9	1529.3	1529.3	1527.7	1526.1	1529.3	1538.7	1534.0	1524.6
10°	1510.4	1504.1	1510.4	1523.0	1523.8	1520.6	1519.1	1523.0	1532.4	1530.1	1522.2
12.5°	1504.1	1497.8	1504.9	1517.5	1518.3	1515.1	1512.8	1517.5	1530.1	1531.6	1529.3
15°	1495.5	1489.9	1498.6	1512.0	1512.0	1509.6	1509.6	1515.9	1533.2	1540.3	1544.2
17.5°	1482.9	1478.9	1489.2	1502.5	1503.3	1501.7	1502.5	1515.1	1537.9	1555.2	1566.3
20°	1467.1	1465.6	1476.6	1490.7	1493.1	1493.9	1497.8	1516.7	1548.2	1571.8	1582.8
22.5°	1448.3	1449.0	1461.6	1476.6	1479.7	1482.1	1489.9	1516.7	1556.0	1581.2	1585.9
25°	1427.0	1429.4	1442.7	1460.8	1464.8	1469.5	1482.9	1517.5	1558.4	1574.9	1567.0
27.5°	1404.2	1408.9	1426.2	1445.1	1449.8	1457.7	1475.0	1512.8	1547.4	1548.2	1519.1
30°	1380.6	1386.1	1406.6	1428.6	1436.5	1444.3	1465.6	1501.7	1520.6	1495.5	1444.3
32.5°	1353.9	1361.7	1382.2	1408.9	1418.4	1428.6	1449.8	1480.5	1473.4	1419.1	1346.0
35°	1320.0	1331.0	1354.6	1386.1	1394.8	1408.1	1423.1	1430.2	1398.7	1321.6	1239.0
37.5°	1278.3	1294.9	1322.4	1358.6	1368.0	1376.7	1380.6	1360.9	1298.0	1214.6	1128.9
40°	1230.3	1255.5	1285.4	1325.5	1335.0	1335.0	1320.8	1279.1	1199.7	1090.3	995.1
42.5°	1172.1	1202.8	1240.6	1280.7	1290.1	1279.1	1245.3	1172.1	1081.7	959.7	859.0
45°	1101.3	1142.2	1184.7	1226.4	1231.1	1206.7	1146.2	1053.3	941.6	828.4	732.4
47.5°	1017.2	1070.7	1117.1	1164.3	1158.0	1117.1	1036.0	930.6	812.6	705.6	628.5
50°	922.8	985.7	1037.6	1082.5	1069.1	1012.4	917.3	807.1	689.9	598.7	534.9
52.5°	822.1	894.4	946.4	982.5	964.5	896.8	792.2	686.8	590.8	507.4	464.9
55°	717.4	790.6	844.1	872.4	848.8	775.7	672.6	576.6	486.2	431.9	406.7
57.5°	616.0	684.4	734.7	757.6	727.7	654.5	559.3	478.3	413.0	367.4	354.8
60°	518.4	574.3	622.3	639.6	607.3	539.7	457.8	393.3	345.3	313.9	307.6
62.5°	427.9	473.6	511.3	524.7	493.2	440.5	369.7	321.7	287.9	272.2	264.3
65°	353.2	380.0	418.5	416.1	397.3	348.5	296.6	262.7	240.7	230.5	225.8
67.5°	277.7	302.1	326.5	329.6	306.0	272.2	238.4	214.0	202.2	196.7	194.3
70°	214.8	232.9	247.8	243.9	231.3	210.0	188.8	175.4	170.7	168.3	168.3
72.5°	166.8	176.2	183.3	178.6	170.7	159.7	149.5	144.0	144.7	146.3	147.9
75°	129.0	131.4	132.9	128.2	126.7	119.6	118.8	119.6	124.3	129.0	131.4
77.5°	99.1	96.0	93.6	88.9	89.7	88.9	92.8	99.1	106.2	113.3	119.6
80°	76.3	69.2	63.7	59.0	61.4	65.3	73.2	82.6	92.0	99.9	107.8
82.5°	59.0	48.8	40.9	36.2	40.9	47.2	57.4	69.2	80.2	88.9	97.5
85°	45.6	33.8	24.4	19.7	24.4	33.8	44.8	58.2	70.0	79.5	88.1
87.5°	35.4	24.4	13.4	7.9	13.4	23.6	36.2	48.8	60.6	71.6	80.2
90°	28.3	16.5	6.3	1.6	7.1	16.5	28.3	40.9	52.7	64.5	73.2
92.5°	22.8	11.8	3.1	0.0	3.9	12.6	23.6	35.4	47.2	58.2	66.9
95°	18.9	9.4	2.4	0.0	3.1	9.4	18.9	30.7	41.7	52.7	59.8
97.5°	15.7	7.1	1.6	0.0	1.6	7.9	15.7	26.0	37.0	47.2	54.3
100°	13.4	6.3	1.6	0.0	1.6	6.3	13.4	22.8	32.3	41.7	48.8
102.5°	11.0	4.7	0.8	0.8	0.8	4.7	11.8	19.7	28.3	37.0	44.1
105°	10.2	3.9	0.8	0.8	0.8	3.9	10.2	17.3	25.2	33.0	39.3
107.5°	8.7	3.1	0.8	0.8	0.8	3.1	8.7	14.9	22.8	29.9	35.4
110°	7.1	3.1	0.8	0.8	0.8	3.1	7.1	13.4	19.7	26.0	31.5



TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.3	2.4	0.8	0.8	0.8	2.4	6.3	11.8	17.3	23.6	28.3
115°	5.5	2.4	0.8	0.8	0.8	2.4	5.5	10.2	14.9	20.5	25.2
117.5°	4.7	2.4	0.8	0.8	0.8	1.6	4.7	8.7	13.4	18.1	22.8
120°	3.9	1.6	0.8	0.8	0.8	1.6	3.9	7.9	11.8	15.7	19.7
122.5°	3.9	1.6	0.8	0.8	0.8	1.6	3.1	6.3	10.2	13.4	17.3
125°	3.1	1.6	0.8	0.8	0.8	0.8	3.1	5.5	8.7	11.8	14.9
127.5°	3.1	1.6	0.8	0.8	0.8	0.8	2.4	4.7	7.1	10.2	13.4
130°	2.4	1.6	0.8	0.8	0.8	0.8	1.6	3.9	6.3	8.7	11.0
132.5°	2.4	1.6	0.8	0.8	0.8	0.8	1.6	3.1	4.7	7.1	9.4
135°	2.4	0.8	0.8	0.8	0.8	0.8	0.8	2.4	3.9	5.5	7.1
137.5°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	1.6	3.1	3.9	6.3
140°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.1	4.7
142.5°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.9
145°	1.6	0.8	0.8	1.6	1.6	0.8	0.8	1.6	1.6	2.4	3.1
147.5°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6	2.4
150°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.4
152.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
155°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1530.9	1512.8	1522.2	1519.1	1522.2	1530.1	1529.3	1526.9	1528.5	1524.6	1520.6
5°	1527.7	1509.6	1519.1	1515.1	1519.1	1526.9	1525.3	1523.0	1525.3	1520.6	1516.7
7.5°	1523.8	1507.3	1518.3	1517.5	1524.6	1534.8	1535.6	1535.6	1541.1	1534.0	1530.9
10°	1523.8	1515.1	1530.1	1535.6	1553.7	1567.0	1568.6	1571.8	1581.2	1579.6	1571.8
12.5°	1540.3	1538.7	1560.7	1574.1	1590.6	1609.5	1619.7	1622.9	1629.2	1624.5	1621.3
15°	1561.5	1569.4	1593.8	1608.7	1626.8	1641.0	1643.3	1644.9	1649.6	1642.6	1637.1
17.5°	1589.9	1594.6	1614.2	1620.5	1632.3	1634.7	1631.5	1623.7	1623.7	1607.9	1603.2
20°	1603.2	1600.9	1608.7	1598.5	1593.8	1579.6	1566.3	1551.3	1550.5	1534.0	1532.4
22.5°	1591.4	1575.7	1559.2	1534.0	1523.0	1502.5	1484.4	1475.8	1470.3	1449.0	1443.5
25°	1549.7	1511.2	1486.8	1456.9	1430.2	1406.6	1389.3	1371.2	1353.9	1336.5	1328.7
27.5°	1477.4	1441.2	1401.8	1360.1	1323.2	1287.0	1257.9	1239.8	1223.3	1200.5	1188.7
30°	1388.5	1338.1	1294.9	1254.7	1194.2	1150.1	1125.7	1089.5	1076.9	1066.7	1044.7
32.5°	1283.8	1223.3	1164.3	1110.0	1047.8	1006.9	974.7	947.9	940.1	913.3	907.0
35°	1168.2	1088.7	1021.9	968.4	923.5	874.0	847.2	829.1	813.4	795.3	792.2
37.5°	1032.1	960.5	885.0	837.8	802.4	759.9	739.5	726.9	719.8	706.4	704.1
40°	895.2	823.6	771.7	724.5	702.5	679.7	664.7	659.2	656.1	651.4	646.6
42.5°	770.9	708.0	671.0	639.6	630.1	619.1	615.2	618.3	615.2	613.6	612.8
45°	665.5	617.5	591.6	582.1	579.8	576.6	579.8	585.3	586.1	584.5	584.5
47.5°	569.5	546.7	535.7	537.3	541.2	543.6	549.1	556.2	557.7	553.8	555.4
50°	506.6	493.2	490.9	497.2	505.8	509.0	515.3	520.8	520.0	518.4	516.8
52.5°	447.6	443.7	450.0	456.3	465.7	467.3	469.6	472.0	471.2	468.1	466.5
55°	398.1	401.2	406.7	409.1	416.1	415.4	416.1	416.1	413.0	411.4	409.1
57.5°	353.2	354.0	357.1	357.9	361.9	360.3	359.5	357.9	353.2	352.4	350.1
60°	307.6	306.0	313.1	307.6	310.7	307.6	306.8	302.9	298.1	297.4	295.8
62.5°	264.3	261.2	265.9	263.5	265.1	262.0	260.4	255.7	251.7	250.9	250.2
65°	225.8	224.2	228.9	228.1	229.7	225.8	224.2	221.1	217.9	217.1	216.3
67.5°	193.5	197.5	199.8	199.8	201.4	200.6	196.7	195.9	195.1	191.9	191.9
70°	169.9	172.3	177.0	177.8	177.0	178.6	175.4	174.6	173.9	172.3	171.5
72.5°	151.0	154.2	158.9	159.7	158.9	158.9	157.3	156.5	156.5	154.2	154.2
75°	136.1	140.0	144.0	144.0	144.0	142.4	140.8	140.8	139.2	138.5	136.9
77.5°	123.5	128.2	131.4	130.6	129.8	128.2	128.2	125.9	123.5	123.5	121.9
80°	114.1	117.2	119.6	118.8	118.0	115.6	114.9	112.5	110.9	108.6	108.6
82.5°	103.8	107.8	109.3	108.6	107.0	104.6	103.8	102.3	100.7	99.9	98.3
85°	95.2	99.1	99.9	98.3	96.8	95.2	94.4	93.6	92.8	91.3	91.3
87.5°	86.5	90.5	90.5	89.7	88.1	87.3	86.5	85.7	85.0	84.2	83.4
90°	79.5	82.6	82.6	81.8	81.0	80.2	79.5	78.7	77.9	77.1	77.1
92.5°	72.4	75.5	75.5	74.7	73.9	73.2	73.2	72.4	71.6	70.8	70.0
95°	66.1	69.2	69.2	69.2	68.4	67.7	67.7	66.9	66.1	66.1	65.3
97.5°	59.8	62.9	62.9	62.9	62.1	61.4	61.4	60.6	60.6	60.6	59.8
100°	54.3	56.6	57.4	57.4	56.6	56.6	56.6	55.9	55.9	55.9	55.1
102.5°	48.8	51.1	52.7	52.7	52.7	51.9	51.9	51.9	51.9	51.9	51.1
105°	44.1	46.4	48.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
107.5°	40.1	42.5	44.1	44.8	45.6	45.6	46.4	46.4	46.4	46.4	46.4
110°	36.2	38.5	40.9	41.7	42.5	43.3	43.3	44.1	43.3	43.3	43.3



TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	32.3	35.4	37.0	38.5	39.3	40.1	40.9	40.9	40.9	40.9	40.9
115°	29.1	32.3	33.8	35.4	37.0	37.8	37.8	38.5	38.5	38.5	37.8
117.5°	26.0	29.1	30.7	32.3	33.0	34.6	35.4	35.4	35.4	35.4	34.6
120°	23.6	26.0	27.5	29.1	30.7	31.5	32.3	32.3	32.3	32.3	32.3
122.5°	20.5	22.8	25.2	26.7	27.5	28.3	29.1	29.1	29.1	29.1	29.1
125°	18.1	20.5	22.0	23.6	24.4	26.0	26.0	26.0	26.0	26.0	26.0
127.5°	15.7	18.1	19.7	21.2	22.0	22.8	23.6	23.6	23.6	23.6	23.6
130°	13.4	15.7	17.3	18.9	19.7	20.5	20.5	21.2	21.2	21.2	21.2
132.5°	11.8	13.4	14.9	16.5	17.3	18.1	18.1	18.9	18.9	18.9	18.9
135°	9.4	11.8	12.6	14.2	14.9	15.7	15.7	16.5	16.5	16.5	16.5
137.5°	7.9	9.4	11.0	12.6	13.4	13.4	14.2	14.2	14.9	14.9	14.9
140°	6.3	7.1	9.4	10.2	11.0	11.8	12.6	12.6	12.6	12.6	12.6
142.5°	4.7	6.3	7.1	8.7	9.4	10.2	11.0	11.0	11.0	11.0	11.0
145°	3.9	4.7	5.5	7.1	7.9	8.7	9.4	9.4	9.4	9.4	9.4
147.5°	3.1	3.9	4.7	5.5	6.3	7.1	7.9	7.9	7.9	7.9	7.9
150°	2.4	3.1	3.9	3.9	4.7	5.5	6.3	7.1	7.1	7.1	7.1
152.5°	2.4	2.4	3.1	3.1	3.9	4.7	5.5	5.5	5.5	5.5	5.5
155°	1.6	2.4	2.4	2.4	3.1	3.1	3.9	4.7	4.7	4.7	4.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1523.0	1526.1	1524.6	1522.2	1521.4	1525.3	1521.4	1503.3	1510.4	1511.2	1516.7
5°	1520.6	1523.0	1521.4	1519.8	1517.5	1522.2	1517.5	1498.6	1505.7	1506.5	1512.0
7.5°	1536.4	1537.1	1537.1	1533.2	1526.9	1529.3	1523.0	1501.7	1505.7	1505.7	1509.6
10°	1575.7	1577.3	1579.6	1569.4	1561.5	1555.2	1546.6	1520.6	1519.8	1513.5	1513.5
12.5°	1626.8	1622.9	1619.0	1614.2	1607.9	1600.1	1587.5	1556.8	1546.6	1536.4	1526.1
15°	1641.8	1640.2	1639.4	1637.1	1633.1	1630.8	1621.3	1590.6	1575.7	1563.1	1545.0
17.5°	1602.4	1605.6	1615.8	1616.6	1621.3	1630.8	1629.2	1607.9	1594.6	1589.1	1567.0
20°	1531.6	1532.4	1545.0	1550.5	1571.0	1586.7	1598.5	1596.1	1593.0	1599.3	1582.8
22.5°	1446.7	1452.2	1465.6	1474.2	1493.9	1512.0	1530.9	1541.1	1557.6	1583.6	1580.4
25°	1331.0	1338.1	1357.0	1371.2	1398.7	1426.2	1451.4	1469.5	1489.2	1538.7	1555.2
27.5°	1192.6	1203.6	1228.0	1242.1	1280.7	1309.0	1345.2	1380.6	1408.1	1464.8	1498.6
30°	1047.1	1056.5	1082.5	1102.1	1135.2	1173.7	1219.3	1269.7	1315.3	1372.7	1415.2
32.5°	911.0	921.2	942.4	959.7	996.7	1029.0	1079.3	1141.5	1183.9	1263.4	1320.0
35°	792.2	801.6	816.6	831.5	862.2	895.2	938.5	999.1	1053.3	1135.9	1207.5
37.5°	708.8	710.4	719.0	727.7	750.5	775.7	809.5	863.0	913.3	1002.2	1080.9
40°	649.0	649.0	653.7	656.1	666.3	681.3	702.5	744.2	785.9	853.5	949.5
42.5°	612.0	610.5	610.5	611.2	610.5	617.5	630.1	649.8	686.8	742.6	817.3
45°	584.5	581.3	579.0	573.5	570.3	570.3	571.1	578.2	599.4	635.6	696.2
47.5°	553.8	553.0	549.1	542.8	537.3	533.4	527.1	524.7	531.0	551.5	592.4
50°	518.4	514.5	510.5	505.8	499.5	495.6	483.8	484.6	479.1	488.5	509.8
52.5°	466.5	463.3	461.8	457.8	455.5	453.9	444.5	435.0	432.7	434.2	442.1
55°	409.1	410.6	404.3	407.5	406.7	399.6	395.7	388.6	386.3	385.5	389.4
57.5°	349.3	350.9	346.9	350.1	350.1	346.1	343.8	343.8	338.3	333.5	339.1
60°	295.0	291.9	294.2	298.1	298.1	295.8	294.2	294.2	290.3	288.7	292.6
62.5°	250.9	247.8	250.2	254.1	254.9	253.3	251.7	251.7	247.0	247.0	250.2
65°	217.1	217.9	217.1	220.3	220.3	221.1	219.5	217.9	212.4	214.8	214.0
67.5°	192.7	191.9	191.9	195.1	194.3	195.9	194.3	191.9	188.0	184.9	184.1
70°	172.3	171.5	171.5	173.1	173.9	173.9	173.1	171.5	166.0	162.8	160.5
72.5°	154.2	153.4	154.2	155.0	155.8	156.5	155.8	154.2	149.5	145.5	141.6
75°	137.7	136.9	139.2	139.2	140.0	140.0	140.8	140.0	136.1	131.4	126.7
77.5°	121.1	121.9	124.3	125.1	126.7	127.4	128.2	128.2	124.3	120.4	114.1
80°	107.8	109.3	110.9	111.7	113.3	115.6	116.4	117.2	114.1	110.1	103.1
82.5°	98.3	99.1	100.7	101.5	103.8	104.6	105.4	107.0	105.4	101.5	93.6
85°	90.5	91.3	92.8	92.8	94.4	96.0	96.8	97.5	96.8	92.8	85.0
87.5°	83.4	84.2	85.0	85.7	86.5	87.3	88.1	88.9	88.1	84.2	77.1
90°	77.1	77.1	77.9	77.9	78.7	79.5	81.0	81.0	80.2	77.1	70.0
92.5°	70.0	70.8	70.8	71.6	72.4	73.2	73.9	73.9	73.2	70.0	63.7
95°	65.3	65.3	66.1	66.1	66.9	66.9	67.7	67.7	66.9	63.7	57.4
97.5°	59.8	59.8	59.8	59.8	60.6	60.6	61.4	61.4	60.6	57.4	51.9
100°	55.1	55.1	55.1	55.1	55.1	55.9	55.9	55.9	55.1	51.9	46.4
102.5°	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	49.6	47.2	41.7
105°	48.8	48.8	48.8	48.0	48.0	48.0	47.2	47.2	44.8	42.5	37.8
107.5°	45.6	45.6	45.6	44.8	44.8	44.1	43.3	43.3	40.9	38.5	33.8
110°	43.3	43.3	43.3	42.5	41.7	40.9	40.1	39.3	37.0	33.8	29.9





TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	40.9	40.9	40.1	40.1	39.3	38.5	37.0	36.2	33.8	30.7	26.7
115°	37.8	37.8	37.8	37.0	36.2	35.4	34.6	33.0	30.7	27.5	23.6
117.5°	34.6	34.6	34.6	33.8	33.0	32.3	31.5	29.9	27.5	24.4	21.2
120°	31.5	31.5	31.5	30.7	29.9	29.1	28.3	26.7	24.4	22.0	18.1
122.5°	29.1	29.1	28.3	27.5	26.7	26.0	25.2	23.6	22.0	18.9	15.7
125°	26.0	26.0	25.2	25.2	24.4	23.6	22.8	21.2	18.9	16.5	14.2
127.5°	23.6	22.8	22.8	22.8	22.0	21.2	19.7	18.9	16.5	14.2	11.8
130°	20.5	20.5	20.5	19.7	19.7	18.9	17.3	15.7	14.2	12.6	10.2
132.5°	18.1	18.1	18.1	18.1	17.3	16.5	14.9	14.2	12.6	10.2	8.7
135°	16.5	16.5	15.7	15.7	14.9	14.2	13.4	11.8	10.2	8.7	7.1
137.5°	14.2	14.2	14.2	13.4	13.4	12.6	11.0	10.2	9.4	7.9	6.3
140°	12.6	12.6	11.8	11.8	11.0	11.0	10.2	8.7	7.9	6.3	5.5
142.5°	11.0	11.0	10.2	10.2	9.4	9.4	8.7	7.9	6.3	5.5	3.9
145°	9.4	9.4	8.7	8.7	8.7	7.9	7.1	6.3	5.5	4.7	3.9
147.5°	7.9	7.9	7.9	7.1	7.1	6.3	6.3	5.5	4.7	3.9	3.1
150°	7.1	7.1	6.3	6.3	6.3	5.5	4.7	4.7	3.9	3.1	2.4
152.5°	5.5	5.5	5.5	5.5	4.7	4.7	3.9	3.9	3.1	2.4	2.4
155°	4.7	4.7	4.7	3.9	3.9	3.9	3.1	3.1	2.4	2.4	1.6
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: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0	1523.0
2.5°	1514.3	1513.5	1520.6	1519.8	1510.4	1524.6	1534.0
5°	1510.4	1509.6	1515.9	1517.5	1507.3	1522.2	1532.4
7.5°	1507.3	1506.5	1513.5	1515.9	1505.7	1519.1	1530.1
10°	1508.0	1504.1	1510.4	1512.0	1502.5	1516.7	1526.1
12.5°	1513.5	1504.1	1506.5	1506.5	1497.8	1510.4	1520.6
15°	1526.9	1507.3	1504.1	1501.7	1490.7	1502.5	1512.8
17.5°	1541.9	1515.1	1504.1	1496.2	1482.9	1493.1	1504.1
20°	1556.8	1523.8	1505.7	1493.1	1475.0	1484.4	1492.3
22.5°	1563.9	1531.6	1507.3	1488.4	1465.6	1470.3	1478.9
25°	1554.5	1528.5	1504.1	1481.3	1453.8	1454.5	1461.6
27.5°	1519.8	1512.8	1497.0	1474.2	1444.3	1440.4	1445.9
30°	1460.8	1480.5	1481.3	1464.8	1433.3	1425.4	1427.8
32.5°	1378.2	1422.3	1448.3	1445.1	1417.6	1406.6	1408.1
35°	1283.1	1338.1	1394.8	1413.6	1394.0	1385.3	1382.2
37.5°	1169.0	1242.9	1318.5	1364.9	1361.7	1356.2	1353.1
40°	1043.1	1132.0	1221.7	1295.6	1318.5	1318.5	1320.0
42.5°	908.6	1012.4	1110.8	1204.4	1257.9	1269.7	1274.4
45°	778.8	883.4	990.4	1098.2	1169.8	1206.7	1220.1
47.5°	660.8	766.2	867.7	985.7	1080.9	1128.9	1150.1
50°	560.1	638.8	745.8	863.0	966.8	1025.8	1067.5
52.5°	476.7	538.1	631.7	741.0	845.7	926.7	965.2
55°	406.7	448.4	527.9	622.3	722.2	806.3	851.2
57.5°	347.7	380.7	435.0	513.7	597.9	681.3	729.2
60°	295.8	318.6	355.6	417.7	489.3	560.9	607.3
62.5°	250.9	265.9	290.3	335.9	391.8	447.6	490.9
65°	216.3	222.6	236.0	264.3	306.8	349.3	386.3
67.5°	182.5	186.4	196.7	214.0	235.2	265.9	290.3
70°	157.3	157.3	158.1	168.3	179.4	199.0	216.3
72.5°	136.9	134.5	129.8	132.2	134.5	145.5	156.5
75°	120.4	114.9	107.0	103.8	102.3	103.8	110.1
77.5°	106.2	98.3	88.9	81.0	74.7	72.4	77.9
80°	94.4	85.0	73.9	63.7	53.5	48.0	50.3
82.5°	85.0	73.2	61.4	49.6	37.8	29.9	29.9
85°	74.7	63.7	51.1	38.5	26.7	16.5	14.9
87.5°	67.7	55.9	42.5	30.7	18.9	8.7	4.7
90°	60.6	48.8	36.2	24.4	13.4	3.9	0.0
92.5°	54.3	43.3	31.5	19.7	9.4	2.4	0.0
95°	48.8	38.5	26.7	16.5	7.9	1.6	0.8
97.5°	43.3	33.8	23.6	13.4	5.5	1.6	0.8
100°	39.3	29.9	20.5	11.0	4.7	0.8	0.8
102.5°	34.6	26.7	17.3	9.4	3.9	0.8	0.8
105°	30.7	23.6	14.9	7.9	3.1	0.8	0.8
107.5°	27.5	20.5	13.4	7.1	3.1	0.8	0.8
110°	24.4	18.1	11.8	6.3	2.4	0.8	0.8



TEST NUMBER: P290214

CATALOG NUMBER: 8SSRK-LC-40-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	22.0	15.7	10.2	5.5	1.6	0.8	0.8
115°	18.9	14.2	8.7	4.7	1.6	0.8	0.8
117.5°	16.5	11.8	7.9	3.9	1.6	0.8	0.8
120°	14.2	10.2	6.3	3.1	0.8	0.8	0.8
122.5°	12.6	8.7	5.5	3.1	0.8	0.8	0.8
125°	11.0	7.9	4.7	2.4	0.8	0.8	0.8
127.5°	9.4	6.3	3.9	1.6	0.8	0.8	0.8
130°	7.9	5.5	3.1	1.6	0.8	0.8	0.8
132.5°	6.3	4.7	3.1	1.6	0.8	0.8	0.8
135°	5.5	3.9	2.4	1.6	0.8	0.8	0.8
137.5°	4.7	3.1	1.6	1.6	1.6	0.8	0.8
140°	3.9	2.4	1.6	1.6	1.6	1.6	0.8
142.5°	3.1	2.4	1.6	1.6	1.6	1.6	0.8
145°	2.4	1.6	1.6	1.6	1.6	1.6	0.8
147.5°	2.4	1.6	1.6	1.6	1.6	1.6	0.8
150°	1.6	1.6	1.6	1.6	1.6	1.6	1.6
152.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6
155°	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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)