

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: P290183

Luminaire Tested: **4SSRK-LC-30-L950-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: P290183  
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-30-L950-CD1-U  
Description: 3000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.   Condition   Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2927.2 lumens  
Efficiency: N/A  
Efficacy: 143.5 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

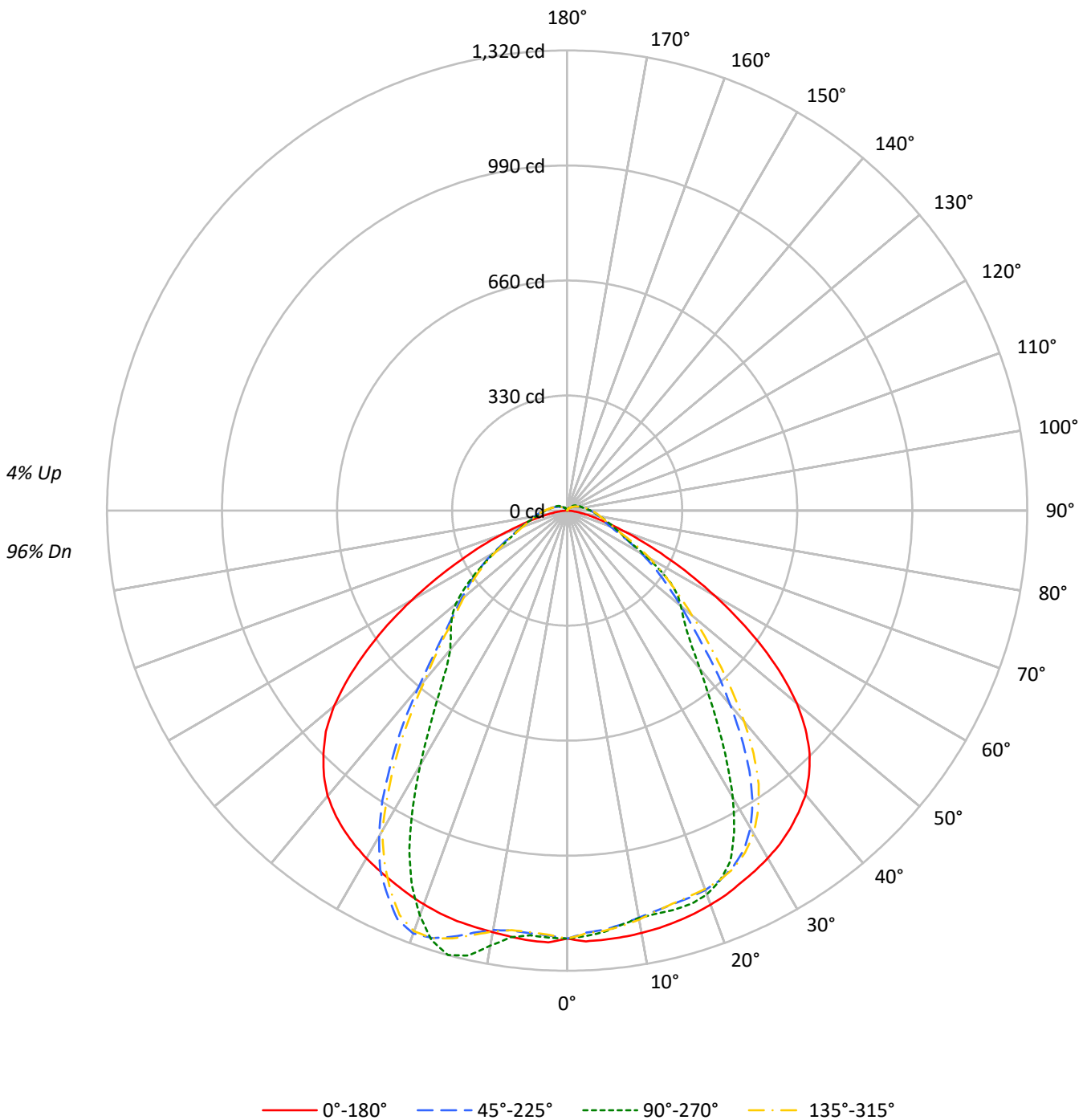
Input Watts (W): 20.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

### 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°	79301	79301	79301	79301
5°	79806	58267	79968	58723
10°	80100	45636	79937	48732
15°	80644	38255	80604	42596
20°	81458	32801	81370	34576
25°	82372	27574	82330	26641
30°	83826	21423	83877	18980
35°	85370	15655	85607	13249
40°	86697	11451	87055	10088
45°	86252	8839	86699	8607
50°	82386	7425	83535	7260
55°	72925	6086	74752	5532
60°	58983	4236	62115	3886
65°	43684	2934	47064	2783
70°	29549	2277	33310	2178
75°	19176	1828	22329	1730
80°	12214	1493	14320	1374
85°	6074	1277	7981	1167



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.6	4.0
10°-20°	347.0	11.9
20°-30°	527.6	18.0
30°-40°	566.0	19.3
40°-50°	491.2	16.8
50°-60°	364.0	12.4
60°-70°	208.6	7.1
70°-80°	115.5	3.9
80°-90°	70.3	2.4
90°-100°	45.7	1.6
100°-110°	30.6	1.0
110°-120°	20.7	0.7
120°-130°	12.7	0.4
130°-140°	6.7	0.2
140°-150°	3.0	0.1
150°-160°	0.9	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	991.2	33.9
0°-40°	1557.2	53.2
0°-60°	2412.4	82.4
0°-90°	2806.9	95.9
90°-120°	97.0	3.3
90°-150°	119.4	4.1
90°-180°	120.0	4.1
0°-180°	2927.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1228	1228	1228	1228	1228	
5°	1236	1213	1238	1223	1236	118
15°	1220	1185	1219	1320	1220	345
25°	1178	1109	1178	1071	1178	545
35°	1114	755	1118	639	1114	698
45°	984	484	989	471	984	753
55°	686	363	703	330	686	609
65°	311	184	336	174	311	314
75°	89	117	103	110	89	101
85°	12	80	16	74	12	16
90°	0	67	1	62	0	1
95°	1	55	0	53	1	0
105°	1	41	1	39	1	1
115°	1	34	1	30	1	1
125°	1	25	1	21	1	1
135°	1	16	1	13	1	0
145°	1	10	1	8	1	0
155°	1	4	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°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1236.8	1233.6	1232.3	1229.8	1231.7	1239.3	1234.2	1226.0	1226.6	1212.0	1219.6
5°	1235.5	1231.7	1229.8	1227.3	1228.5	1235.5	1230.4	1222.2	1221.5	1207.0	1213.9
7.5°	1233.6	1229.8	1226.6	1224.7	1225.4	1231.1	1224.7	1215.2	1213.3	1197.4	1203.8
10°	1230.4	1227.9	1223.4	1220.3	1219.6	1226.0	1215.8	1206.3	1201.9	1185.4	1191.7
12.5°	1226.0	1222.2	1217.7	1212.0	1211.4	1215.2	1207.0	1193.6	1189.2	1175.9	1182.9
15°	1219.6	1215.2	1210.1	1203.8	1200.6	1203.2	1193.0	1181.0	1180.3	1168.9	1178.4
17.5°	1212.7	1206.3	1200.6	1191.7	1187.3	1189.2	1181.0	1170.2	1171.4	1164.5	1175.2
20°	1203.2	1196.2	1187.3	1178.4	1172.1	1175.2	1169.5	1161.3	1163.2	1158.1	1167.6
22.5°	1192.4	1182.9	1172.1	1161.9	1156.9	1161.3	1156.9	1149.9	1150.5	1147.3	1153.0
25°	1178.4	1167.6	1155.0	1142.3	1139.7	1142.9	1140.4	1134.7	1132.1	1127.0	1129.6
27.5°	1165.7	1153.7	1137.8	1124.5	1120.1	1126.4	1120.7	1111.2	1104.2	1097.2	1092.2
30°	1151.1	1136.6	1118.8	1103.6	1099.8	1102.3	1094.1	1079.5	1061.1	1052.2	1038.3
32.5°	1135.3	1116.3	1094.1	1076.9	1074.4	1072.5	1057.3	1036.3	1007.8	990.0	968.5
35°	1114.4	1093.4	1066.8	1045.9	1042.1	1031.3	1006.5	978.6	941.8	911.4	874.6
37.5°	1090.9	1066.2	1038.3	1010.3	999.6	978.0	943.1	913.9	858.1	821.3	776.9
40°	1064.3	1034.4	1000.2	966.6	948.8	913.9	874.0	830.9	776.9	727.5	690.1
42.5°	1027.5	995.8	955.2	917.7	887.3	841.0	794.1	733.2	683.7	641.9	603.8
45°	983.7	945.7	898.7	853.7	815.0	759.8	704.6	643.8	602.5	553.7	527.7
47.5°	927.3	886.0	835.9	785.8	735.1	674.2	616.5	558.1	516.9	482.0	463.0
50°	860.7	822.6	767.4	707.8	652.0	588.6	530.9	487.1	447.1	425.6	411.0
52.5°	778.2	742.7	686.2	621.6	567.6	505.5	452.8	417.3	388.8	372.9	367.9
55°	686.2	655.2	599.4	539.1	483.9	426.8	386.9	355.8	337.4	327.9	328.5
57.5°	587.9	563.8	511.2	457.3	405.3	362.2	326.0	301.3	287.3	286.7	288.6
60°	489.6	471.9	426.2	379.9	334.2	299.4	272.7	255.6	246.7	247.4	246.7
62.5°	395.8	379.3	346.3	308.2	272.1	248.6	224.5	217.5	209.9	209.3	209.3
65°	311.4	298.7	272.1	244.8	217.5	202.3	190.3	182.0	176.3	175.1	175.7
67.5°	234.0	229.0	210.6	192.2	175.1	165.5	155.4	153.5	149.0	149.0	150.3
70°	174.4	170.6	160.5	149.7	142.7	136.4	131.3	131.3	130.7	130.0	133.2
72.5°	126.2	126.8	123.7	115.4	114.8	113.5	112.3	114.2	114.8	116.7	120.5
75°	88.8	90.7	90.7	89.4	92.0	95.1	97.0	100.2	104.0	106.6	111.0
77.5°	62.8	62.8	66.0	69.8	74.8	80.5	85.6	90.1	95.1	98.3	102.1
80°	40.6	42.5	47.6	54.5	61.5	69.1	76.1	81.8	86.9	92.0	94.5
82.5°	24.1	27.3	33.6	42.5	51.4	60.9	67.9	74.8	80.5	85.6	87.5
85°	12.1	16.5	24.1	33.6	43.1	53.3	62.2	68.5	74.8	79.3	81.8
87.5°	3.8	8.9	17.1	26.0	36.2	46.3	55.8	62.8	68.5	72.3	74.8
90°	0.0	4.4	12.1	21.6	31.1	41.2	50.1	57.7	63.4	66.6	68.5
92.5°	0.0	2.5	9.5	17.8	26.6	36.8	45.7	52.6	57.7	60.9	62.2
95°	0.6	1.9	7.0	14.6	23.5	33.0	41.2	47.6	52.6	55.8	56.4
97.5°	0.6	1.3	5.7	12.1	20.3	29.2	37.4	43.8	47.6	50.7	51.4
100°	0.6	1.3	4.4	10.8	17.8	26.0	33.6	39.3	43.8	46.3	46.9
102.5°	0.6	0.6	3.8	8.9	15.9	22.8	29.8	35.5	39.3	41.9	43.1
105°	0.6	0.6	3.2	7.6	14.0	20.3	26.6	32.3	35.5	38.1	39.3
107.5°	0.6	0.6	2.5	6.3	12.1	17.8	24.1	28.5	32.3	34.9	36.2
110°	0.6	0.6	1.9	5.7	10.1	15.9	20.9	25.4	29.2	31.7	33.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.6	0.6	1.9	5.1	8.9	14.0	18.4	22.8	26.0	28.5	30.4
115°	0.6	0.6	1.9	4.4	8.2	12.1	16.5	20.3	23.5	26.0	27.9
117.5°	0.6	0.6	1.9	3.8	7.0	10.8	14.6	18.4	20.9	23.5	25.4
120°	0.6	0.6	1.3	3.2	6.3	9.5	12.7	15.9	19.0	21.6	23.5
122.5°	0.6	0.6	1.3	3.2	5.1	8.2	11.4	14.0	17.1	19.0	20.9
125°	0.6	0.6	1.3	2.5	4.4	7.6	10.1	12.7	14.6	17.1	19.0
127.5°	0.6	0.6	1.3	2.5	3.8	6.3	8.9	11.4	13.3	15.2	16.5
130°	0.6	0.6	1.3	1.9	3.2	5.1	7.6	9.5	12.1	13.3	14.6
132.5°	0.6	0.6	0.6	1.9	2.5	3.8	5.7	8.2	10.1	12.1	12.7
135°	0.6	0.6	0.6	1.3	2.5	3.2	4.4	6.3	8.2	10.1	11.4
137.5°	0.6	0.6	0.6	1.3	1.9	3.2	3.8	5.1	7.0	8.2	10.1
140°	0.6	0.6	0.6	1.3	1.9	2.5	3.2	4.4	5.7	7.0	8.2
142.5°	0.6	0.6	0.6	1.3	1.3	1.9	2.5	3.8	4.4	5.7	7.0
145°	0.6	0.6	0.6	1.3	1.3	1.9	2.5	3.2	3.8	4.4	5.7
147.5°	0.6	0.6	0.6	1.3	1.3	1.3	1.9	2.5	3.2	3.8	4.4
150°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	2.5	3.2	3.8
152.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	1.9	2.5	3.2
155°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.9	2.5	2.5
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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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1217.1	1218.4	1226.0	1225.4	1224.1	1222.8	1222.8	1221.5	1222.8	1226.0	1224.7
5°	1210.8	1212.7	1218.4	1217.7	1216.5	1215.8	1215.2	1213.3	1214.6	1219.0	1217.7
7.5°	1199.3	1201.3	1206.3	1203.8	1201.9	1203.2	1200.0	1198.1	1200.6	1205.1	1204.4
10°	1187.3	1188.6	1194.9	1193.6	1190.5	1191.1	1187.9	1186.7	1189.8	1192.4	1193.0
12.5°	1179.1	1183.5	1189.2	1188.6	1187.9	1188.6	1185.4	1184.1	1186.0	1188.6	1187.9
15°	1177.1	1182.9	1189.2	1189.2	1189.8	1190.5	1187.3	1185.4	1187.3	1189.2	1188.6
17.5°	1175.2	1182.2	1187.9	1187.3	1187.9	1189.2	1184.1	1182.9	1185.4	1187.9	1186.7
20°	1168.9	1175.2	1179.1	1177.8	1177.8	1178.4	1172.1	1172.1	1175.9	1177.8	1178.4
22.5°	1151.1	1158.8	1158.8	1155.6	1155.6	1153.0	1151.1	1147.3	1151.8	1155.0	1157.5
25°	1124.5	1127.7	1123.9	1116.9	1113.1	1109.9	1101.0	1108.7	1108.7	1118.2	1121.3
27.5°	1087.1	1080.1	1069.3	1054.7	1051.6	1041.4	1035.7	1037.6	1040.8	1054.1	1064.3
30°	1025.6	1004.6	986.2	979.9	965.9	955.8	945.7	950.7	956.4	964.0	985.0
32.5°	944.4	924.1	894.3	883.5	868.9	856.2	844.2	851.8	861.9	867.0	889.8
35°	851.1	827.0	799.8	781.4	766.2	759.2	744.0	754.7	765.5	769.3	789.0
37.5°	752.2	727.5	703.4	687.5	672.9	668.5	658.3	666.0	674.2	679.9	696.4
40°	658.3	635.5	617.1	606.3	596.2	592.4	588.6	591.7	598.1	602.5	615.2
42.5°	577.8	559.4	546.7	540.4	533.4	528.3	529.0	530.2	533.4	542.9	548.6
45°	507.4	496.6	488.4	487.1	482.7	482.0	481.4	483.9	485.8	491.5	496.0
47.5°	450.9	446.5	444.6	447.1	449.0	446.5	447.8	450.9	454.7	454.7	454.1
50°	406.5	407.8	410.4	416.1	419.9	421.1	422.4	426.2	426.8	428.1	426.2
52.5°	370.4	371.7	378.6	387.5	392.0	393.9	396.4	400.2	400.2	401.5	398.9
55°	333.6	335.5	342.5	351.4	355.2	357.7	360.2	362.8	364.7	367.2	365.3
57.5°	293.0	298.7	303.2	305.7	308.2	310.1	312.0	312.7	316.5	317.1	320.3
60°	249.9	251.2	255.6	255.0	253.1	258.1	255.6	260.0	264.5	270.2	270.8
62.5°	208.7	209.3	212.5	211.2	213.7	213.1	215.0	215.0	218.2	220.7	223.9
65°	176.3	177.0	179.5	179.5	178.9	180.8	182.7	183.9	183.9	185.8	188.4
67.5°	152.2	154.1	156.7	157.9	159.2	159.2	161.1	161.7	163.0	163.6	164.9
70°	135.7	138.3	140.8	142.1	142.7	144.0	144.6	144.6	145.9	146.5	147.8
72.5°	123.7	126.2	128.1	128.1	129.4	130.0	130.0	130.7	131.3	132.6	133.8
75°	113.5	115.4	116.7	116.1	116.1	116.1	116.7	116.7	118.0	119.2	120.5
77.5°	104.0	105.9	105.9	104.6	104.6	104.6	104.6	105.3	105.9	107.2	108.5
80°	97.0	97.0	96.4	96.4	95.1	94.5	94.5	95.1	95.1	96.4	98.3
82.5°	89.4	89.4	88.8	88.2	87.5	86.9	86.9	87.5	88.2	88.8	90.1
85°	82.5	82.5	81.2	81.2	80.5	80.5	80.5	80.5	81.2	81.8	83.1
87.5°	75.5	74.8	74.2	73.6	73.6	73.6	73.6	73.6	74.2	75.5	76.1
90°	68.5	67.9	67.2	67.2	66.6	66.6	67.2	67.2	67.9	68.5	69.1
92.5°	62.2	61.5	60.9	60.9	60.3	60.3	60.9	60.3	61.5	61.5	62.2
95°	56.4	55.8	55.2	55.2	55.2	55.2	55.2	55.2	55.8	55.8	56.4
97.5°	51.4	50.7	50.1	50.1	50.7	50.1	50.7	50.7	50.7	51.4	52.0
100°	46.9	46.3	46.3	46.9	46.3	46.3	46.9	46.9	46.9	46.9	47.6
102.5°	43.1	43.1	43.1	43.1	43.1	43.1	43.8	43.8	43.8	43.8	44.4
105°	39.3	40.0	40.0	40.0	40.6	40.6	40.6	41.2	41.2	41.2	41.2
107.5°	36.8	37.4	37.4	38.1	38.1	38.7	38.7	38.7	38.7	39.3	39.3
110°	34.2	34.9	35.5	36.2	36.2	36.8	36.8	36.8	36.8	36.8	36.8





TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	31.7	32.3	33.0	34.2	34.9	34.9	34.9	34.9	35.5	35.5	34.9
115°	29.2	30.4	31.1	32.3	33.0	33.0	33.6	33.6	33.6	33.6	33.0
117.5°	26.6	28.5	29.2	30.4	31.1	31.1	31.7	31.7	31.7	31.7	31.1
120°	24.7	26.0	27.3	27.9	28.5	29.2	29.2	29.8	29.8	29.8	29.2
122.5°	22.8	24.1	25.4	26.0	26.6	27.3	27.3	27.3	27.3	27.3	27.3
125°	20.3	21.6	22.8	23.5	24.1	24.7	24.7	25.4	25.4	25.4	24.7
127.5°	18.4	19.7	20.3	21.6	22.2	22.2	22.8	22.8	22.8	22.8	22.2
130°	15.9	17.1	18.4	19.0	19.7	19.7	20.3	20.3	20.3	20.3	20.3
132.5°	14.0	15.2	15.9	17.1	17.1	17.8	17.8	18.4	18.4	18.4	17.8
135°	12.7	13.3	14.0	15.2	15.2	15.9	15.9	15.9	15.9	15.9	15.9
137.5°	11.4	12.1	12.7	13.3	13.3	14.0	14.0	14.0	14.0	14.6	14.0
140°	9.5	10.8	11.4	11.4	12.1	12.1	12.1	12.7	12.7	12.7	12.1
142.5°	8.2	8.9	9.5	10.1	10.8	10.8	10.8	10.8	11.4	10.8	10.8
145°	6.3	7.6	8.2	8.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5
147.5°	5.1	5.7	7.0	7.6	7.6	8.2	8.2	8.2	8.2	8.2	8.2
150°	4.4	4.4	5.7	6.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0
152.5°	3.2	3.8	4.4	5.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7
155°	3.2	3.2	3.8	3.8	4.4	4.4	4.4	4.4	5.1	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: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1222.8	1222.2	1224.7	1222.2	1209.5	1214.6	1212.7	1219.6	1220.3	1222.2	1228.5
5°	1216.5	1216.5	1219.6	1217.1	1205.1	1210.1	1209.5	1216.5	1217.7	1219.0	1226.0
7.5°	1203.8	1204.4	1208.9	1207.0	1194.3	1201.9	1201.3	1209.5	1212.0	1214.6	1220.9
10°	1191.7	1191.1	1196.2	1194.3	1182.2	1191.1	1190.5	1198.7	1202.5	1207.0	1214.6
12.5°	1185.4	1183.5	1185.4	1183.5	1170.2	1177.1	1177.8	1187.3	1191.7	1197.4	1206.3
15°	1185.4	1182.2	1182.2	1178.4	1163.2	1167.6	1168.3	1174.6	1180.3	1186.0	1196.8
17.5°	1184.1	1181.0	1180.3	1177.1	1160.7	1160.7	1160.0	1164.5	1167.6	1173.3	1184.8
20°	1177.1	1175.9	1175.2	1173.3	1158.1	1155.6	1154.3	1154.3	1156.2	1158.1	1169.5
22.5°	1158.8	1160.0	1161.3	1162.6	1150.5	1146.1	1146.7	1145.4	1143.5	1143.5	1153.0
25°	1124.5	1130.8	1135.9	1141.6	1134.7	1131.5	1135.3	1133.4	1130.2	1127.7	1135.9
27.5°	1070.0	1083.3	1094.1	1108.0	1108.7	1106.1	1116.3	1115.0	1114.4	1110.6	1116.9
30°	994.5	1015.4	1030.0	1050.3	1067.4	1070.0	1087.1	1089.6	1092.2	1090.3	1096.6
32.5°	903.2	931.7	956.4	988.1	1004.6	1019.2	1043.3	1053.5	1063.6	1066.8	1073.8
35°	803.6	835.9	865.1	900.0	926.0	957.7	986.9	1002.1	1024.9	1033.8	1044.0
37.5°	709.1	739.5	768.1	802.9	844.8	877.8	913.9	948.2	979.3	992.0	1007.2
40°	625.4	650.1	677.4	707.8	745.9	789.0	828.3	875.9	912.7	938.0	960.2
42.5°	561.9	574.0	597.5	624.7	655.2	698.9	738.9	792.2	836.6	872.7	909.5
45°	505.5	511.2	528.3	542.9	574.0	612.7	655.2	707.2	753.5	799.8	844.2
47.5°	457.3	464.3	472.5	481.4	503.6	535.9	572.7	619.7	666.0	719.9	770.6
50°	424.9	426.8	428.1	431.9	445.2	467.4	497.2	537.2	581.6	639.3	693.2
52.5°	396.4	396.4	392.6	390.7	395.8	409.7	426.8	455.4	501.0	554.3	611.4
55°	366.0	360.2	359.0	352.6	353.9	360.2	368.5	390.7	428.1	473.8	529.0
57.5°	323.5	320.9	320.9	318.4	313.3	316.5	318.4	334.2	360.9	400.2	448.4
60°	274.6	273.4	276.5	277.2	272.7	274.6	274.0	283.5	302.5	334.2	374.2
62.5°	225.8	231.5	232.1	234.7	232.1	231.5	234.7	242.9	252.4	276.5	307.6
65°	189.6	192.8	193.4	196.6	195.3	195.3	197.9	204.2	209.9	226.4	250.5
67.5°	166.2	164.9	165.5	167.4	165.5	164.9	166.8	170.6	175.1	185.2	202.3
70°	147.8	146.5	146.5	146.5	144.0	142.1	142.7	144.0	145.9	151.6	162.4
72.5°	133.8	133.8	131.9	130.0	128.1	126.8	125.6	124.3	123.7	125.6	131.3
75°	121.1	121.8	121.1	119.2	116.7	114.2	111.6	109.1	105.9	104.6	105.3
77.5°	109.7	110.4	111.0	110.4	107.8	104.6	100.8	97.0	92.6	88.2	85.6
80°	99.6	100.8	101.5	100.8	98.9	96.4	92.0	87.5	81.2	75.5	69.1
82.5°	90.7	92.6	93.2	93.2	92.0	89.4	84.4	79.3	72.3	64.7	56.4
85°	83.7	85.0	86.3	86.3	85.6	83.1	78.0	72.3	65.3	56.4	47.6
87.5°	76.7	77.4	78.6	79.9	78.6	76.1	71.7	65.3	58.4	49.5	39.3
90°	69.8	70.4	71.7	72.9	72.3	69.8	66.0	60.3	52.6	43.1	33.0
92.5°	62.8	64.1	64.7	65.3	66.0	64.1	60.9	55.2	47.6	38.1	28.5
95°	57.7	57.7	59.0	59.6	60.3	58.4	55.8	50.1	43.1	34.2	24.7
97.5°	52.6	52.6	53.9	53.9	54.5	53.3	50.7	45.7	38.7	30.4	20.9
100°	47.6	48.2	48.8	49.5	49.5	48.8	46.3	41.2	34.9	27.3	18.4
102.5°	44.4	44.4	45.0	45.0	45.7	44.4	41.9	37.4	31.1	24.1	15.9
105°	41.2	41.2	41.9	41.9	41.2	40.0	37.4	33.6	27.9	20.9	14.0
107.5°	38.7	38.7	38.7	38.7	38.1	36.8	34.2	29.8	24.7	19.0	12.7
110°	36.8	36.2	36.2	35.5	34.9	33.0	30.4	26.6	22.2	16.5	10.8



TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	34.9	34.2	33.6	33.0	31.7	29.8	27.3	24.1	19.7	14.6	9.5
115°	33.0	32.3	31.7	30.4	29.2	27.3	24.7	21.6	17.1	12.7	8.2
117.5°	31.1	30.4	29.2	27.9	26.6	24.7	22.2	19.0	15.2	11.4	7.6
120°	28.5	27.9	27.3	26.0	24.7	22.2	19.7	17.1	13.3	10.1	6.3
122.5°	26.6	26.0	24.7	24.1	22.2	20.3	17.8	15.2	12.1	8.9	5.7
125°	24.1	23.5	22.8	21.6	20.3	17.8	15.9	13.3	10.8	7.6	4.4
127.5°	22.2	21.6	20.3	19.0	17.8	15.9	14.0	12.1	9.5	6.3	4.4
130°	19.7	19.0	18.4	17.1	15.9	14.0	12.7	10.1	8.2	5.7	3.8
132.5°	17.1	17.1	16.5	15.2	14.0	12.7	10.8	8.9	7.0	5.1	3.2
135°	15.9	15.2	14.6	13.3	12.7	10.8	9.5	7.6	5.7	4.4	2.5
137.5°	14.0	13.3	12.7	12.1	10.8	9.5	8.2	6.3	5.1	3.8	2.5
140°	12.1	11.4	11.4	10.1	9.5	8.2	7.0	5.7	4.4	3.2	1.9
142.5°	10.8	10.1	9.5	8.9	8.2	7.0	5.7	4.4	3.8	2.5	1.9
145°	9.5	8.9	8.2	7.6	7.0	5.7	5.1	3.8	3.2	2.5	1.9
147.5°	7.6	7.6	7.0	6.3	5.7	5.1	4.4	3.8	2.5	1.9	1.3
150°	6.3	6.3	5.7	5.1	5.1	4.4	3.8	3.2	2.5	1.9	1.3
152.5°	5.7	5.1	5.1	4.4	4.4	3.8	3.2	2.5	1.9	1.9	1.3
155°	4.4	4.4	4.4	3.8	3.8	3.2	2.5	2.5	1.9	1.3	1.3
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: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1229.8	1222.2	1228.5	1239.9	1238.7	1237.4	1236.1	1238.7	1246.9	1242.5	1235.5
5°	1227.9	1220.3	1227.3	1238.0	1237.4	1235.5	1234.2	1236.8	1245.0	1240.6	1233.0
7.5°	1224.1	1217.1	1222.2	1233.0	1233.0	1231.7	1230.4	1233.0	1240.6	1236.8	1229.2
10°	1217.7	1212.7	1217.7	1227.9	1228.5	1226.0	1224.7	1227.9	1235.5	1233.6	1227.3
12.5°	1212.7	1207.6	1213.3	1223.4	1224.1	1221.5	1219.6	1223.4	1233.6	1234.9	1233.0
15°	1205.7	1201.3	1208.2	1219.0	1219.0	1217.1	1217.1	1222.2	1236.1	1241.8	1245.0
17.5°	1195.5	1192.4	1200.6	1211.4	1212.0	1210.8	1211.4	1221.5	1239.9	1253.9	1262.8
20°	1182.9	1181.6	1190.5	1201.9	1203.8	1204.4	1207.6	1222.8	1248.2	1267.2	1276.1
22.5°	1167.6	1168.3	1178.4	1190.5	1193.0	1194.9	1201.3	1222.8	1254.5	1274.8	1278.6
25°	1150.5	1152.4	1163.2	1177.8	1181.0	1184.8	1195.5	1223.4	1256.4	1269.7	1263.4
27.5°	1132.1	1135.9	1149.9	1165.1	1168.9	1175.2	1189.2	1219.6	1247.5	1248.2	1224.7
30°	1113.1	1117.5	1134.0	1151.8	1158.1	1164.5	1181.6	1210.8	1226.0	1205.7	1164.5
32.5°	1091.5	1097.9	1114.4	1135.9	1143.5	1151.8	1168.9	1193.6	1187.9	1144.2	1085.2
35°	1064.3	1073.1	1092.2	1117.5	1124.5	1135.3	1147.3	1153.0	1127.7	1065.5	998.9
37.5°	1030.6	1044.0	1066.2	1095.3	1102.9	1109.9	1113.1	1097.2	1046.5	979.3	910.1
40°	992.0	1012.2	1036.3	1068.7	1076.3	1076.3	1064.9	1031.3	967.2	879.1	802.3
42.5°	945.0	969.8	1000.2	1032.5	1040.2	1031.3	1004.0	945.0	872.1	773.8	692.6
45°	887.9	920.9	955.2	988.8	992.6	972.9	924.1	849.2	759.2	667.9	590.5
47.5°	820.1	863.2	900.6	938.7	933.6	900.6	835.3	750.3	655.2	568.9	506.8
50°	744.0	794.7	836.6	872.7	861.9	816.3	739.5	650.7	556.2	482.7	431.3
52.5°	662.8	721.1	763.0	792.2	777.6	723.0	638.7	553.7	476.3	409.1	374.8
55°	578.4	637.4	680.5	703.4	684.3	625.4	542.3	464.9	392.0	348.2	327.9
57.5°	496.6	551.8	592.4	610.8	586.7	527.7	450.9	385.6	333.0	296.2	286.0
60°	418.0	463.0	501.7	515.6	489.6	435.1	369.1	317.1	278.4	253.1	248.0
62.5°	345.0	381.8	412.3	423.0	397.7	355.2	298.1	259.4	232.1	219.4	213.1
65°	284.8	306.3	337.4	335.5	320.3	281.0	239.1	211.8	194.1	185.8	182.0
67.5°	223.9	243.5	263.2	265.7	246.7	219.4	192.2	172.5	163.0	158.6	156.7
70°	173.1	187.7	199.8	196.6	186.5	169.3	152.2	141.4	137.6	135.7	135.7
72.5°	134.5	142.1	147.8	144.0	137.6	128.8	120.5	116.1	116.7	118.0	119.2
75°	104.0	105.9	107.2	103.4	102.1	96.4	95.8	96.4	100.2	104.0	105.9
77.5°	79.9	77.4	75.5	71.7	72.3	71.7	74.8	79.9	85.6	91.3	96.4
80°	61.5	55.8	51.4	47.6	49.5	52.6	59.0	66.6	74.2	80.5	86.9
82.5°	47.6	39.3	33.0	29.2	33.0	38.1	46.3	55.8	64.7	71.7	78.6
85°	36.8	27.3	19.7	15.9	19.7	27.3	36.2	46.9	56.4	64.1	71.0
87.5°	28.5	19.7	10.8	6.3	10.8	19.0	29.2	39.3	48.8	57.7	64.7
90°	22.8	13.3	5.1	1.3	5.7	13.3	22.8	33.0	42.5	52.0	59.0
92.5°	18.4	9.5	2.5	0.0	3.2	10.1	19.0	28.5	38.1	46.9	53.9
95°	15.2	7.6	1.9	0.0	2.5	7.6	15.2	24.7	33.6	42.5	48.2
97.5°	12.7	5.7	1.3	0.0	1.3	6.3	12.7	20.9	29.8	38.1	43.8
100°	10.8	5.1	1.3	0.0	1.3	5.1	10.8	18.4	26.0	33.6	39.3
102.5°	8.9	3.8	0.6	0.6	0.6	3.8	9.5	15.9	22.8	29.8	35.5
105°	8.2	3.2	0.6	0.6	0.6	3.2	8.2	14.0	20.3	26.6	31.7
107.5°	7.0	2.5	0.6	0.6	0.6	2.5	7.0	12.1	18.4	24.1	28.5
110°	5.7	2.5	0.6	0.6	0.6	2.5	5.7	10.8	15.9	20.9	25.4



TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	5.1	1.9	0.6	0.6	0.6	1.9	5.1	9.5	14.0	19.0	22.8
115°	4.4	1.9	0.6	0.6	0.6	1.9	4.4	8.2	12.1	16.5	20.3
117.5°	3.8	1.9	0.6	0.6	0.6	1.3	3.8	7.0	10.8	14.6	18.4
120°	3.2	1.3	0.6	0.6	0.6	1.3	3.2	6.3	9.5	12.7	15.9
122.5°	3.2	1.3	0.6	0.6	0.6	1.3	2.5	5.1	8.2	10.8	14.0
125°	2.5	1.3	0.6	0.6	0.6	0.6	2.5	4.4	7.0	9.5	12.1
127.5°	2.5	1.3	0.6	0.6	0.6	0.6	1.9	3.8	5.7	8.2	10.8
130°	1.9	1.3	0.6	0.6	0.6	0.6	1.3	3.2	5.1	7.0	8.9
132.5°	1.9	1.3	0.6	0.6	0.6	0.6	1.3	2.5	3.8	5.7	7.6
135°	1.9	0.6	0.6	0.6	0.6	0.6	0.6	1.9	3.2	4.4	5.7
137.5°	1.3	0.6	0.6	0.6	0.6	0.6	0.6	1.3	2.5	3.2	5.1
140°	1.3	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.9	2.5	3.8
142.5°	1.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.9	3.2
145°	1.3	0.6	0.6	1.3	1.3	0.6	0.6	1.3	1.3	1.9	2.5
147.5°	1.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3	1.9
150°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.9
152.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
155°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1234.2	1219.6	1227.3	1224.7	1227.3	1233.6	1233.0	1231.1	1232.3	1229.2	1226.0
5°	1231.7	1217.1	1224.7	1221.5	1224.7	1231.1	1229.8	1227.9	1229.8	1226.0	1222.8
7.5°	1228.5	1215.2	1224.1	1223.4	1229.2	1237.4	1238.0	1238.0	1242.5	1236.8	1234.2
10°	1228.5	1221.5	1233.6	1238.0	1252.6	1263.4	1264.7	1267.2	1274.8	1273.6	1267.2
12.5°	1241.8	1240.6	1258.3	1269.1	1282.4	1297.7	1305.9	1308.4	1313.5	1309.7	1307.2
15°	1259.0	1265.3	1285.0	1297.0	1311.6	1323.0	1324.9	1326.2	1330.0	1324.3	1319.9
17.5°	1281.8	1285.6	1301.5	1306.5	1316.0	1318.0	1315.4	1309.1	1309.1	1296.4	1292.6
20°	1292.6	1290.7	1297.0	1288.8	1285.0	1273.6	1262.8	1250.7	1250.1	1236.8	1235.5
22.5°	1283.1	1270.4	1257.1	1236.8	1227.9	1211.4	1196.8	1189.8	1185.4	1168.3	1163.8
25°	1249.5	1218.4	1198.7	1174.6	1153.0	1134.0	1120.1	1105.5	1091.5	1077.6	1071.2
27.5°	1191.1	1161.9	1130.2	1096.6	1066.8	1037.6	1014.1	999.6	986.2	967.8	958.3
30°	1119.4	1078.8	1044.0	1011.6	962.8	927.3	907.6	878.4	868.3	860.0	842.3
32.5°	1035.1	986.2	938.7	894.9	844.8	811.8	785.8	764.3	757.9	736.4	731.3
35°	941.8	877.8	823.9	780.7	744.6	704.6	683.1	668.5	655.8	641.2	638.7
37.5°	832.1	774.4	713.5	675.5	646.9	612.7	596.2	586.0	580.3	569.5	567.6
40°	721.8	664.0	622.2	584.1	566.4	548.0	535.9	531.5	529.0	525.2	521.3
42.5°	621.6	570.8	541.0	515.6	508.0	499.1	496.0	498.5	496.0	494.7	494.1
45°	536.6	497.9	476.9	469.3	467.4	464.9	467.4	471.9	472.5	471.2	471.2
47.5°	459.2	440.8	431.9	433.2	436.4	438.3	442.7	448.4	449.7	446.5	447.8
50°	408.5	397.7	395.8	400.8	407.8	410.4	415.4	419.9	419.2	418.0	416.7
52.5°	360.9	357.7	362.8	367.9	375.5	376.7	378.6	380.5	379.9	377.4	376.1
55°	320.9	323.5	327.9	329.8	335.5	334.9	335.5	335.5	333.0	331.7	329.8
57.5°	284.8	285.4	287.9	288.6	291.8	290.5	289.8	288.6	284.8	284.1	282.2
60°	248.0	246.7	252.4	248.0	250.5	248.0	247.4	244.2	240.4	239.7	238.5
62.5°	213.1	210.6	214.4	212.5	213.7	211.2	209.9	206.1	203.0	202.3	201.7
65°	182.0	180.8	184.6	183.9	185.2	182.0	180.8	178.2	175.7	175.1	174.4
67.5°	156.0	159.2	161.1	161.1	162.4	161.7	158.6	157.9	157.3	154.8	154.8
70°	137.0	138.9	142.7	143.3	142.7	144.0	141.4	140.8	140.2	138.9	138.3
72.5°	121.8	124.3	128.1	128.8	128.1	128.1	126.8	126.2	126.2	124.3	124.3
75°	109.7	112.9	116.1	116.1	116.1	114.8	113.5	113.5	112.3	111.6	110.4
77.5°	99.6	103.4	105.9	105.3	104.6	103.4	103.4	101.5	99.6	99.6	98.3
80°	92.0	94.5	96.4	95.8	95.1	93.2	92.6	90.7	89.4	87.5	87.5
82.5°	83.7	86.9	88.2	87.5	86.3	84.4	83.7	82.5	81.2	80.5	79.3
85°	76.7	79.9	80.5	79.3	78.0	76.7	76.1	75.5	74.8	73.6	73.6
87.5°	69.8	72.9	72.9	72.3	71.0	70.4	69.8	69.1	68.5	67.9	67.2
90°	64.1	66.6	66.6	66.0	65.3	64.7	64.1	63.4	62.8	62.2	62.2
92.5°	58.4	60.9	60.9	60.3	59.6	59.0	59.0	58.4	57.7	57.1	56.4
95°	53.3	55.8	55.8	55.8	55.2	54.5	54.5	53.9	53.3	53.3	52.6
97.5°	48.2	50.7	50.7	50.7	50.1	49.5	49.5	48.8	48.8	48.8	48.2
100°	43.8	45.7	46.3	46.3	45.7	45.7	45.7	45.0	45.0	45.0	44.4
102.5°	39.3	41.2	42.5	42.5	42.5	41.9	41.9	41.9	41.9	41.9	41.2
105°	35.5	37.4	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
107.5°	32.3	34.2	35.5	36.2	36.8	36.8	37.4	37.4	37.4	37.4	37.4
110°	29.2	31.1	33.0	33.6	34.2	34.9	34.9	35.5	34.9	34.9	34.9



TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	26.0	28.5	29.8	31.1	31.7	32.3	33.0	33.0	33.0	33.0	33.0
115°	23.5	26.0	27.3	28.5	29.8	30.4	30.4	31.1	31.1	31.1	30.4
117.5°	20.9	23.5	24.7	26.0	26.6	27.9	28.5	28.5	28.5	28.5	27.9
120°	19.0	20.9	22.2	23.5	24.7	25.4	26.0	26.0	26.0	26.0	26.0
122.5°	16.5	18.4	20.3	21.6	22.2	22.8	23.5	23.5	23.5	23.5	23.5
125°	14.6	16.5	17.8	19.0	19.7	20.9	20.9	20.9	20.9	20.9	20.9
127.5°	12.7	14.6	15.9	17.1	17.8	18.4	19.0	19.0	19.0	19.0	19.0
130°	10.8	12.7	14.0	15.2	15.9	16.5	16.5	17.1	17.1	17.1	17.1
132.5°	9.5	10.8	12.1	13.3	14.0	14.6	14.6	15.2	15.2	15.2	15.2
135°	7.6	9.5	10.1	11.4	12.1	12.7	12.7	13.3	13.3	13.3	13.3
137.5°	6.3	7.6	8.9	10.1	10.8	10.8	11.4	11.4	12.1	12.1	12.1
140°	5.1	5.7	7.6	8.2	8.9	9.5	10.1	10.1	10.1	10.1	10.1
142.5°	3.8	5.1	5.7	7.0	7.6	8.2	8.9	8.9	8.9	8.9	8.9
145°	3.2	3.8	4.4	5.7	6.3	7.0	7.6	7.6	7.6	7.6	7.6
147.5°	2.5	3.2	3.8	4.4	5.1	5.7	6.3	6.3	6.3	6.3	6.3
150°	1.9	2.5	3.2	3.2	3.8	4.4	5.1	5.7	5.7	5.7	5.7
152.5°	1.9	1.9	2.5	2.5	3.2	3.8	4.4	4.4	4.4	4.4	4.4
155°	1.3	1.9	1.9	1.9	2.5	2.5	3.2	3.8	3.8	3.8	3.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1227.9	1230.4	1229.2	1227.3	1226.6	1229.8	1226.6	1212.0	1217.7	1218.4	1222.8
5°	1226.0	1227.9	1226.6	1225.4	1223.4	1227.3	1223.4	1208.2	1213.9	1214.6	1219.0
7.5°	1238.7	1239.3	1239.3	1236.1	1231.1	1233.0	1227.9	1210.8	1213.9	1213.9	1217.1
10°	1270.4	1271.7	1273.6	1265.3	1259.0	1253.9	1246.9	1226.0	1225.4	1220.3	1220.3
12.5°	1311.6	1308.4	1305.3	1301.5	1296.4	1290.0	1279.9	1255.2	1246.9	1238.7	1230.4
15°	1323.7	1322.4	1321.8	1319.9	1316.7	1314.8	1307.2	1282.4	1270.4	1260.2	1245.6
17.5°	1291.9	1294.5	1302.7	1303.4	1307.2	1314.8	1313.5	1296.4	1285.6	1281.2	1263.4
20°	1234.9	1235.5	1245.6	1250.1	1266.6	1279.3	1288.8	1286.9	1284.3	1289.4	1276.1
22.5°	1166.4	1170.8	1181.6	1188.6	1204.4	1219.0	1234.2	1242.5	1255.8	1276.7	1274.2
25°	1073.1	1078.8	1094.1	1105.5	1127.7	1149.9	1170.2	1184.8	1200.6	1240.6	1253.9
27.5°	961.5	970.4	990.0	1001.5	1032.5	1055.4	1084.5	1113.1	1135.3	1181.0	1208.2
30°	844.2	851.8	872.7	888.6	915.2	946.3	983.1	1023.7	1060.4	1106.7	1141.0
32.5°	734.4	742.7	759.8	773.8	803.6	829.6	870.2	920.3	954.5	1018.6	1064.3
35°	638.7	646.3	658.3	670.4	695.1	721.8	756.6	805.5	849.2	915.8	973.6
37.5°	571.4	572.7	579.7	586.7	605.1	625.4	652.6	695.8	736.4	808.0	871.4
40°	523.2	523.2	527.1	529.0	537.2	549.3	566.4	600.0	633.6	688.2	765.5
42.5°	493.4	492.2	492.2	492.8	492.2	497.9	508.0	523.9	553.7	598.7	659.0
45°	471.2	468.7	466.8	462.4	459.8	459.8	460.5	466.2	483.3	512.5	561.3
47.5°	446.5	445.9	442.7	437.6	433.2	430.0	424.9	423.0	428.1	444.6	477.6
50°	418.0	414.8	411.6	407.8	402.7	399.6	390.1	390.7	386.3	393.9	411.0
52.5°	376.1	373.6	372.3	369.1	367.2	366.0	358.3	350.7	348.8	350.1	356.4
55°	329.8	331.1	326.0	328.5	327.9	322.2	319.0	313.3	311.4	310.8	313.9
57.5°	281.6	282.9	279.7	282.2	282.2	279.1	277.2	277.2	272.7	268.9	273.4
60°	237.8	235.3	237.2	240.4	240.4	238.5	237.2	237.2	234.0	232.8	235.9
62.5°	202.3	199.8	201.7	204.9	205.5	204.2	203.0	203.0	199.2	199.2	201.7
65°	175.1	175.7	175.1	177.6	177.6	178.2	177.0	175.7	171.2	173.1	172.5
67.5°	155.4	154.8	154.8	157.3	156.7	157.9	156.7	154.8	151.6	149.0	148.4
70°	138.9	138.3	138.3	139.5	140.2	140.2	139.5	138.3	133.8	131.3	129.4
72.5°	124.3	123.7	124.3	124.9	125.6	126.2	125.6	124.3	120.5	117.3	114.2
75°	111.0	110.4	112.3	112.3	112.9	112.9	113.5	112.9	109.7	105.9	102.1
77.5°	97.7	98.3	100.2	100.8	102.1	102.7	103.4	103.4	100.2	97.0	92.0
80°	86.9	88.2	89.4	90.1	91.3	93.2	93.9	94.5	92.0	88.8	83.1
82.5°	79.3	79.9	81.2	81.8	83.7	84.4	85.0	86.3	85.0	81.8	75.5
85°	72.9	73.6	74.8	74.8	76.1	77.4	78.0	78.6	78.0	74.8	68.5
87.5°	67.2	67.9	68.5	69.1	69.8	70.4	71.0	71.7	71.0	67.9	62.2
90°	62.2	62.2	62.8	62.8	63.4	64.1	65.3	65.3	64.7	62.2	56.4
92.5°	56.4	57.1	57.1	57.7	58.4	59.0	59.6	59.6	59.0	56.4	51.4
95°	52.6	52.6	53.3	53.3	53.9	53.9	54.5	54.5	53.9	51.4	46.3
97.5°	48.2	48.2	48.2	48.2	48.8	48.8	49.5	49.5	48.8	46.3	41.9
100°	44.4	44.4	44.4	44.4	44.4	45.0	45.0	45.0	44.4	41.9	37.4
102.5°	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	40.0	38.1	33.6
105°	39.3	39.3	39.3	38.7	38.7	38.7	38.1	38.1	36.2	34.2	30.4
107.5°	36.8	36.8	36.8	36.2	36.2	35.5	34.9	34.9	33.0	31.1	27.3
110°	34.9	34.9	34.9	34.2	33.6	33.0	32.3	31.7	29.8	27.3	24.1





TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	33.0	33.0	32.3	32.3	31.7	31.1	29.8	29.2	27.3	24.7	21.6
115°	30.4	30.4	30.4	29.8	29.2	28.5	27.9	26.6	24.7	22.2	19.0
117.5°	27.9	27.9	27.9	27.3	26.6	26.0	25.4	24.1	22.2	19.7	17.1
120°	25.4	25.4	25.4	24.7	24.1	23.5	22.8	21.6	19.7	17.8	14.6
122.5°	23.5	23.5	22.8	22.2	21.6	20.9	20.3	19.0	17.8	15.2	12.7
125°	20.9	20.9	20.3	20.3	19.7	19.0	18.4	17.1	15.2	13.3	11.4
127.5°	19.0	18.4	18.4	18.4	17.8	17.1	15.9	15.2	13.3	11.4	9.5
130°	16.5	16.5	16.5	15.9	15.9	15.2	14.0	12.7	11.4	10.1	8.2
132.5°	14.6	14.6	14.6	14.6	14.0	13.3	12.1	11.4	10.1	8.2	7.0
135°	13.3	13.3	12.7	12.7	12.1	11.4	10.8	9.5	8.2	7.0	5.7
137.5°	11.4	11.4	11.4	10.8	10.8	10.1	8.9	8.2	7.6	6.3	5.1
140°	10.1	10.1	9.5	9.5	8.9	8.9	8.2	7.0	6.3	5.1	4.4
142.5°	8.9	8.9	8.2	8.2	7.6	7.6	7.0	6.3	5.1	4.4	3.2
145°	7.6	7.6	7.0	7.0	7.0	6.3	5.7	5.1	4.4	3.8	3.2
147.5°	6.3	6.3	6.3	5.7	5.7	5.1	5.1	4.4	3.8	3.2	2.5
150°	5.7	5.7	5.1	5.1	5.1	4.4	3.8	3.8	3.2	2.5	1.9
152.5°	4.4	4.4	4.4	4.4	3.8	3.8	3.2	3.2	2.5	1.9	1.9
155°	3.8	3.8	3.8	3.2	3.2	3.2	2.5	2.5	1.9	1.9	1.3
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: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9	1227.9
2.5°	1220.9	1220.3	1226.0	1225.4	1217.7	1229.2	1236.8
5°	1217.7	1217.1	1222.2	1223.4	1215.2	1227.3	1235.5
7.5°	1215.2	1214.6	1220.3	1222.2	1213.9	1224.7	1233.6
10°	1215.8	1212.7	1217.7	1219.0	1211.4	1222.8	1230.4
12.5°	1220.3	1212.7	1214.6	1214.6	1207.6	1217.7	1226.0
15°	1231.1	1215.2	1212.7	1210.8	1201.9	1211.4	1219.6
17.5°	1243.1	1221.5	1212.7	1206.3	1195.5	1203.8	1212.7
20°	1255.2	1228.5	1213.9	1203.8	1189.2	1196.8	1203.2
22.5°	1260.9	1234.9	1215.2	1200.0	1181.6	1185.4	1192.4
25°	1253.3	1232.3	1212.7	1194.3	1172.1	1172.7	1178.4
27.5°	1225.4	1219.6	1207.0	1188.6	1164.5	1161.3	1165.7
30°	1177.8	1193.6	1194.3	1181.0	1155.6	1149.2	1151.1
32.5°	1111.2	1146.7	1167.6	1165.1	1142.9	1134.0	1135.3
35°	1034.4	1078.8	1124.5	1139.7	1123.9	1116.9	1114.4
37.5°	942.5	1002.1	1063.0	1100.4	1097.9	1093.4	1090.9
40°	841.0	912.7	985.0	1044.6	1063.0	1063.0	1064.3
42.5°	732.5	816.3	895.5	971.0	1014.1	1023.7	1027.5
45°	627.9	712.3	798.5	885.4	943.1	972.9	983.7
47.5°	532.8	617.7	699.6	794.7	871.4	910.1	927.3
50°	451.6	515.0	601.3	695.8	779.5	827.0	860.7
52.5°	384.3	433.8	509.3	597.5	681.8	747.1	778.2
55°	327.9	361.5	425.6	501.7	582.2	650.1	686.2
57.5°	280.3	307.0	350.7	414.2	482.0	549.3	587.9
60°	238.5	256.9	286.7	336.8	394.5	452.2	489.6
62.5°	202.3	214.4	234.0	270.8	315.9	360.9	395.8
65°	174.4	179.5	190.3	213.1	247.4	281.6	311.4
67.5°	147.1	150.3	158.6	172.5	189.6	214.4	234.0
70°	126.8	126.8	127.5	135.7	144.6	160.5	174.4
72.5°	110.4	108.5	104.6	106.6	108.5	117.3	126.2
75°	97.0	92.6	86.3	83.7	82.5	83.7	88.8
77.5°	85.6	79.3	71.7	65.3	60.3	58.4	62.8
80°	76.1	68.5	59.6	51.4	43.1	38.7	40.6
82.5°	68.5	59.0	49.5	40.0	30.4	24.1	24.1
85°	60.3	51.4	41.2	31.1	21.6	13.3	12.1
87.5°	54.5	45.0	34.2	24.7	15.2	7.0	3.8
90°	48.8	39.3	29.2	19.7	10.8	3.2	0.0
92.5°	43.8	34.9	25.4	15.9	7.6	1.9	0.0
95°	39.3	31.1	21.6	13.3	6.3	1.3	0.6
97.5°	34.9	27.3	19.0	10.8	4.4	1.3	0.6
100°	31.7	24.1	16.5	8.9	3.8	0.6	0.6
102.5°	27.9	21.6	14.0	7.6	3.2	0.6	0.6
105°	24.7	19.0	12.1	6.3	2.5	0.6	0.6
107.5°	22.2	16.5	10.8	5.7	2.5	0.6	0.6
110°	19.7	14.6	9.5	5.1	1.9	0.6	0.6



TEST NUMBER: P290183

CATALOG NUMBER: 4SSRK-LC-30-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	17.8	12.7	8.2	4.4	1.3	0.6	0.6
115°	15.2	11.4	7.0	3.8	1.3	0.6	0.6
117.5°	13.3	9.5	6.3	3.2	1.3	0.6	0.6
120°	11.4	8.2	5.1	2.5	0.6	0.6	0.6
122.5°	10.1	7.0	4.4	2.5	0.6	0.6	0.6
125°	8.9	6.3	3.8	1.9	0.6	0.6	0.6
127.5°	7.6	5.1	3.2	1.3	0.6	0.6	0.6
130°	6.3	4.4	2.5	1.3	0.6	0.6	0.6
132.5°	5.1	3.8	2.5	1.3	0.6	0.6	0.6
135°	4.4	3.2	1.9	1.3	0.6	0.6	0.6
137.5°	3.8	2.5	1.3	1.3	1.3	0.6	0.6
140°	3.2	1.9	1.3	1.3	1.3	1.3	0.6
142.5°	2.5	1.9	1.3	1.3	1.3	1.3	0.6
145°	1.9	1.3	1.3	1.3	1.3	1.3	0.6
147.5°	1.9	1.3	1.3	1.3	1.3	1.3	0.6
150°	1.3	1.3	1.3	1.3	1.3	1.3	1.3
152.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3
155°	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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)