

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: P290182

Luminaire Tested: **4SSRK-LC-30-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: P290182  
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-L940-CD1-U  
Description: 3000 LUMEN, 4 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**

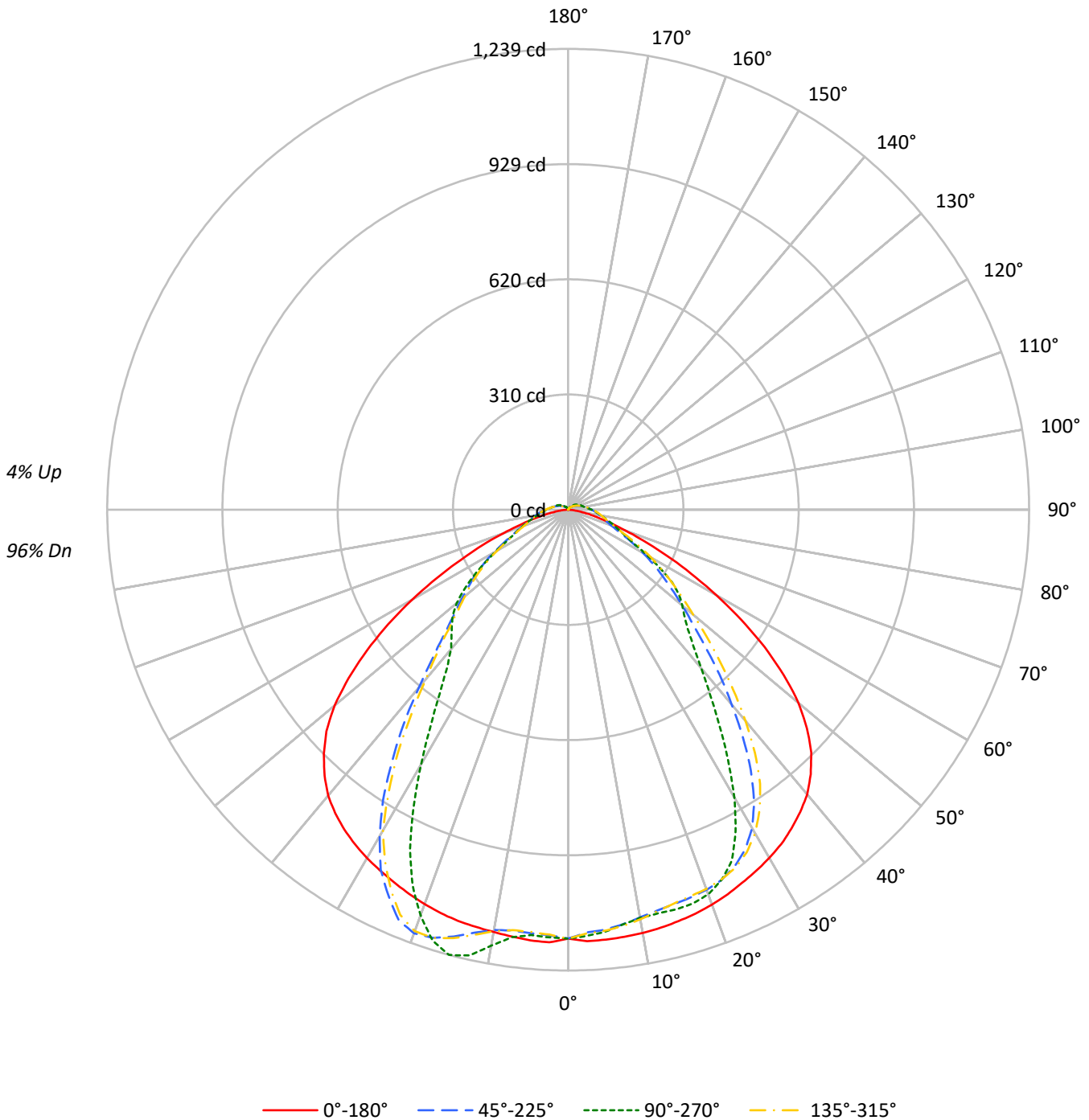
Lumens per Lamp: N/A  
Luminaire Lumens: 2748.5 lumens  
Efficiency: N/A  
Efficacy: 134.7 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19  
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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-L940-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°	74458	74458	74458	74458
5°	74936	54709	75091	55141
10°	75211	42848	75055	45759
15°	75724	35919	75684	39995
20°	76482	30798	76401	32465
25°	77346	25890	77304	25015
30°	78713	20116	78757	17822
35°	80153	14701	80383	12440
40°	81402	10752	81744	9473
45°	80991	8300	81403	8083
50°	77351	6972	78433	6817
55°	68482	5713	70183	5195
60°	55381	3979	58332	3648
65°	41018	2755	44189	2613
70°	27753	2139	31277	2044
75°	18010	1717	20969	1623
80°	11462	1402	13447	1291
85°	5672	1199	7479	1096



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	109.5	4.0
10°-20°	325.8	11.9
20°-30°	495.4	18.0
30°-40°	531.4	19.3
40°-50°	461.2	16.8
50°-60°	341.8	12.4
60°-70°	195.8	7.1
70°-80°	108.5	3.9
80°-90°	66.0	2.4
90°-100°	42.9	1.6
100°-110°	28.8	1.0
110°-120°	19.4	0.7
120°-130°	11.9	0.4
130°-140°	6.3	0.2
140°-150°	2.9	0.1
150°-160°	0.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	930.7	33.9
0°-40°	1462.2	53.2
0°-60°	2265.2	82.4
0°-90°	2635.5	95.9
90°-120°	91.1	3.3
90°-150°	112.2	4.1
90°-180°	113.0	4.1
0°-180°	2748.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1153	1153	1153	1153	1153	
5°	1160	1139	1162	1148	1160	111
15°	1145	1113	1145	1239	1145	324
25°	1106	1041	1106	1006	1106	511
35°	1046	709	1049	600	1046	655
45°	924	454	928	442	924	707
55°	644	341	660	310	644	571
65°	292	173	315	164	292	295
75°	83	110	97	104	83	95
85°	11	76	15	69	11	15
90°	0	63	1	58	0	0
95°	1	52	0	49	1	0
105°	1	39	1	37	1	1
115°	1	32	1	29	1	1
125°	1	24	1	20	1	1
135°	1	15	1	12	1	0
145°	1	9	1	7	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°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1161.3	1158.3	1157.1	1154.7	1156.5	1163.7	1158.9	1151.1	1151.7	1138.0	1145.2
5°	1160.1	1156.5	1154.7	1152.3	1153.5	1160.1	1155.3	1147.6	1147.0	1133.3	1139.8
7.5°	1158.3	1154.7	1151.7	1150.0	1150.6	1155.9	1150.0	1141.0	1139.2	1124.3	1130.3
10°	1155.3	1152.9	1148.8	1145.8	1145.2	1151.1	1141.6	1132.7	1128.5	1113.0	1119.0
12.5°	1151.1	1147.6	1143.4	1138.0	1137.5	1141.0	1133.3	1120.8	1116.6	1104.1	1110.7
15°	1145.2	1141.0	1136.3	1130.3	1127.3	1129.7	1120.2	1108.9	1108.3	1097.6	1106.5
17.5°	1138.6	1132.7	1127.3	1119.0	1114.8	1116.6	1108.9	1098.7	1099.9	1093.4	1103.5
20°	1129.7	1123.2	1114.8	1106.5	1100.5	1103.5	1098.1	1090.4	1092.2	1087.4	1096.4
22.5°	1119.6	1110.7	1100.5	1091.0	1086.2	1090.4	1086.2	1079.7	1080.3	1077.3	1082.7
25°	1106.5	1096.4	1084.4	1072.5	1070.2	1073.1	1070.8	1065.4	1063.0	1058.2	1060.6
27.5°	1094.6	1083.3	1068.4	1055.9	1051.7	1057.7	1052.3	1043.4	1036.8	1030.3	1025.5
30°	1080.9	1067.2	1050.5	1036.2	1032.6	1035.0	1027.3	1013.6	996.3	988.0	974.9
32.5°	1066.0	1048.1	1027.3	1011.2	1008.8	1007.0	992.7	973.1	946.3	929.6	909.4
35°	1046.3	1026.7	1001.7	982.0	978.4	968.3	945.1	918.9	884.4	855.8	821.2
37.5°	1024.3	1001.1	974.9	948.7	938.5	918.3	885.5	858.1	805.7	771.2	729.5
40°	999.3	971.3	939.1	907.6	890.9	858.1	820.6	780.1	729.5	683.1	647.9
42.5°	964.7	935.0	896.9	861.7	833.1	789.7	745.6	688.4	642.0	602.7	566.9
45°	923.7	887.9	843.9	801.6	765.2	713.4	661.6	604.5	565.7	519.9	495.5
47.5°	870.7	831.9	784.9	737.9	690.2	633.0	578.8	524.1	485.4	452.6	434.7
50°	808.1	772.4	720.6	664.6	612.2	552.6	498.5	457.4	419.8	399.6	385.9
52.5°	730.7	697.4	644.4	583.6	533.0	474.6	425.2	391.9	365.1	350.2	345.4
55°	644.4	615.2	562.8	506.2	454.4	400.8	363.3	334.1	316.8	307.9	308.5
57.5°	552.1	529.4	480.0	429.4	380.5	340.0	306.1	282.9	269.8	269.2	271.0
60°	459.7	443.1	400.2	356.7	313.8	281.1	256.1	240.0	231.7	232.3	231.7
62.5°	371.6	356.1	325.2	289.4	255.5	233.4	210.8	204.3	197.1	196.5	196.5
65°	292.4	280.5	255.5	229.9	204.3	190.0	178.7	170.9	165.6	164.4	165.0
67.5°	219.7	215.0	197.7	180.4	164.4	155.4	145.9	144.1	139.9	139.9	141.1
70°	163.8	160.2	150.7	140.5	134.0	128.0	123.3	123.3	122.7	122.1	125.1
72.5°	118.5	119.1	116.1	108.4	107.8	106.6	105.4	107.2	107.8	109.6	113.1
75°	83.4	85.2	85.2	84.0	86.4	89.3	91.1	94.1	97.7	100.0	104.2
77.5°	59.0	59.0	61.9	65.5	70.3	75.6	80.4	84.6	89.3	92.3	95.9
80°	38.1	39.9	44.7	51.2	57.8	64.9	71.5	76.8	81.6	86.4	88.7
82.5°	22.6	25.6	31.6	39.9	48.2	57.2	63.7	70.3	75.6	80.4	82.2
85°	11.3	15.5	22.6	31.6	40.5	50.0	58.4	64.3	70.3	74.4	76.8
87.5°	3.6	8.3	16.1	24.4	33.9	43.5	52.4	59.0	64.3	67.9	70.3
90°	0.0	4.2	11.3	20.2	29.2	38.7	47.0	54.2	59.6	62.5	64.3
92.5°	0.0	2.4	8.9	16.7	25.0	34.5	42.9	49.4	54.2	57.2	58.4
95°	0.6	1.8	6.6	13.7	22.0	31.0	38.7	44.7	49.4	52.4	53.0
97.5°	0.6	1.2	5.4	11.3	19.1	27.4	35.1	41.1	44.7	47.6	48.2
100°	0.6	1.2	4.2	10.1	16.7	24.4	31.6	36.9	41.1	43.5	44.1
102.5°	0.6	0.6	3.6	8.3	14.9	21.4	28.0	33.3	36.9	39.3	40.5
105°	0.6	0.6	3.0	7.1	13.1	19.1	25.0	30.4	33.3	35.7	36.9
107.5°	0.6	0.6	2.4	6.0	11.3	16.7	22.6	26.8	30.4	32.8	33.9
110°	0.6	0.6	1.8	5.4	9.5	14.9	19.7	23.8	27.4	29.8	31.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.6	0.6	1.8	4.8	8.3	13.1	17.3	21.4	24.4	26.8	28.6
115°	0.6	0.6	1.8	4.2	7.7	11.3	15.5	19.1	22.0	24.4	26.2
117.5°	0.6	0.6	1.8	3.6	6.6	10.1	13.7	17.3	19.7	22.0	23.8
120°	0.6	0.6	1.2	3.0	6.0	8.9	11.9	14.9	17.9	20.2	22.0
122.5°	0.6	0.6	1.2	3.0	4.8	7.7	10.7	13.1	16.1	17.9	19.7
125°	0.6	0.6	1.2	2.4	4.2	7.1	9.5	11.9	13.7	16.1	17.9
127.5°	0.6	0.6	1.2	2.4	3.6	6.0	8.3	10.7	12.5	14.3	15.5
130°	0.6	0.6	1.2	1.8	3.0	4.8	7.1	8.9	11.3	12.5	13.7
132.5°	0.6	0.6	0.6	1.8	2.4	3.6	5.4	7.7	9.5	11.3	11.9
135°	0.6	0.6	0.6	1.2	2.4	3.0	4.2	6.0	7.7	9.5	10.7
137.5°	0.6	0.6	0.6	1.2	1.8	3.0	3.6	4.8	6.6	7.7	9.5
140°	0.6	0.6	0.6	1.2	1.8	2.4	3.0	4.2	5.4	6.6	7.7
142.5°	0.6	0.6	0.6	1.2	1.2	1.8	2.4	3.6	4.2	5.4	6.6
145°	0.6	0.6	0.6	1.2	1.2	1.8	2.4	3.0	3.6	4.2	5.4
147.5°	0.6	0.6	0.6	1.2	1.2	1.2	1.8	2.4	3.0	3.6	4.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	2.4	3.0	3.6
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	2.4	3.0
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	2.4	2.4
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



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1142.8	1144.0	1151.1	1150.6	1149.4	1148.2	1148.2	1147.0	1148.2	1151.1	1150.0
5°	1136.9	1138.6	1144.0	1143.4	1142.2	1141.6	1141.0	1139.2	1140.4	1144.6	1143.4
7.5°	1126.1	1127.9	1132.7	1130.3	1128.5	1129.7	1126.7	1124.9	1127.3	1131.5	1130.9
10°	1114.8	1116.0	1122.0	1120.8	1117.8	1118.4	1115.4	1114.2	1117.2	1119.6	1120.2
12.5°	1107.1	1111.2	1116.6	1116.0	1115.4	1116.0	1113.0	1111.8	1113.6	1116.0	1115.4
15°	1105.3	1110.7	1116.6	1116.6	1117.2	1117.8	1114.8	1113.0	1114.8	1116.6	1116.0
17.5°	1103.5	1110.1	1115.4	1114.8	1115.4	1116.6	1111.8	1110.7	1113.0	1115.4	1114.2
20°	1097.6	1103.5	1107.1	1105.9	1105.9	1106.5	1100.5	1100.5	1104.1	1105.9	1106.5
22.5°	1080.9	1088.0	1088.0	1085.0	1085.0	1082.7	1080.9	1077.3	1081.5	1084.4	1086.8
25°	1055.9	1058.8	1055.3	1048.7	1045.1	1042.2	1033.8	1041.0	1041.0	1049.9	1052.9
27.5°	1020.7	1014.2	1004.1	990.4	987.4	977.8	972.5	974.3	977.3	989.8	999.3
30°	963.0	943.3	926.0	920.1	907.0	897.5	887.9	892.7	898.0	905.2	924.8
32.5°	886.7	867.7	839.7	829.6	815.9	804.0	792.6	799.8	809.3	814.1	835.5
35°	799.2	776.6	751.0	733.7	719.4	712.8	698.5	708.7	718.8	722.4	740.8
37.5°	706.3	683.1	660.4	645.5	631.9	627.7	618.2	625.3	633.0	638.4	653.9
40°	618.2	596.7	579.4	569.3	559.8	556.2	552.6	555.6	561.6	565.7	577.7
42.5°	542.5	525.3	513.3	507.4	500.8	496.1	496.7	497.9	500.8	509.8	515.1
45°	476.4	466.3	458.6	457.4	453.2	452.6	452.0	454.4	456.2	461.5	465.7
47.5°	423.4	419.2	417.5	419.8	421.6	419.2	420.4	423.4	427.0	427.0	426.4
50°	381.7	382.9	385.3	390.7	394.2	395.4	396.6	400.2	400.8	402.0	400.2
52.5°	347.8	349.0	355.5	363.9	368.0	369.8	372.2	375.8	375.8	377.0	374.6
55°	313.2	315.0	321.6	329.9	333.5	335.9	338.3	340.6	342.4	344.8	343.0
57.5°	275.1	280.5	284.7	287.0	289.4	291.2	293.0	293.6	297.2	297.8	300.7
60°	234.6	235.8	240.0	239.4	237.6	242.4	240.0	244.2	248.3	253.7	254.3
62.5°	195.9	196.5	199.5	198.3	200.7	200.1	201.9	201.9	204.9	207.2	210.2
65°	165.6	166.2	168.5	168.5	167.9	169.7	171.5	172.7	172.7	174.5	176.9
67.5°	142.9	144.7	147.1	148.3	149.5	149.5	151.3	151.9	153.0	153.6	154.8
70°	127.4	129.8	132.2	133.4	134.0	135.2	135.8	135.8	137.0	137.6	138.8
72.5°	116.1	118.5	120.3	120.3	121.5	122.1	122.1	122.7	123.3	124.5	125.7
75°	106.6	108.4	109.6	109.0	109.0	109.0	109.6	109.6	110.8	112.0	113.1
77.5°	97.7	99.5	99.5	98.3	98.3	98.3	98.3	98.9	99.5	100.6	101.8
80°	91.1	91.1	90.5	90.5	89.3	88.7	88.7	89.3	89.3	90.5	92.3
82.5°	84.0	84.0	83.4	82.8	82.2	81.6	81.6	82.2	82.8	83.4	84.6
85°	77.4	77.4	76.2	76.2	75.6	75.6	75.6	75.6	76.2	76.8	78.0
87.5°	70.9	70.3	69.7	69.1	69.1	69.1	69.1	69.1	69.7	70.9	71.5
90°	64.3	63.7	63.1	63.1	62.5	62.5	63.1	63.1	63.7	64.3	64.9
92.5°	58.4	57.8	57.2	57.2	56.6	56.6	57.2	56.6	57.8	57.8	58.4
95°	53.0	52.4	51.8	51.8	51.8	51.8	51.8	51.8	52.4	52.4	53.0
97.5°	48.2	47.6	47.0	47.0	47.6	47.0	47.6	47.6	47.6	48.2	48.8
100°	44.1	43.5	43.5	44.1	43.5	43.5	44.1	44.1	44.1	44.1	44.7
102.5°	40.5	40.5	40.5	40.5	40.5	40.5	41.1	41.1	41.1	41.1	41.7
105°	36.9	37.5	37.5	37.5	38.1	38.1	38.1	38.7	38.7	38.7	38.7
107.5°	34.5	35.1	35.1	35.7	35.7	36.3	36.3	36.3	36.3	36.9	36.9
110°	32.2	32.8	33.3	33.9	33.9	34.5	34.5	34.5	34.5	34.5	34.5





TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	29.8	30.4	31.0	32.2	32.8	32.8	32.8	32.8	33.3	33.3	32.8
115°	27.4	28.6	29.2	30.4	31.0	31.0	31.6	31.6	31.6	31.6	31.0
117.5°	25.0	26.8	27.4	28.6	29.2	29.2	29.8	29.8	29.8	29.8	29.2
120°	23.2	24.4	25.6	26.2	26.8	27.4	27.4	28.0	28.0	28.0	27.4
122.5°	21.4	22.6	23.8	24.4	25.0	25.6	25.6	25.6	25.6	25.6	25.6
125°	19.1	20.2	21.4	22.0	22.6	23.2	23.2	23.8	23.8	23.8	23.2
127.5°	17.3	18.5	19.1	20.2	20.8	20.8	21.4	21.4	21.4	21.4	20.8
130°	14.9	16.1	17.3	17.9	18.5	18.5	19.1	19.1	19.1	19.1	19.1
132.5°	13.1	14.3	14.9	16.1	16.1	16.7	16.7	17.3	17.3	17.3	16.7
135°	11.9	12.5	13.1	14.3	14.3	14.9	14.9	14.9	14.9	14.9	14.9
137.5°	10.7	11.3	11.9	12.5	12.5	13.1	13.1	13.1	13.1	13.7	13.1
140°	8.9	10.1	10.7	10.7	11.3	11.3	11.3	11.9	11.9	11.9	11.3
142.5°	7.7	8.3	8.9	9.5	10.1	10.1	10.1	10.1	10.7	10.1	10.1
145°	6.0	7.1	7.7	8.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9
147.5°	4.8	5.4	6.6	7.1	7.1	7.7	7.7	7.7	7.7	7.7	7.7
150°	4.2	4.2	5.4	6.0	6.6	6.6	6.6	6.6	6.6	6.6	6.6
152.5°	3.0	3.6	4.2	4.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4
155°	3.0	3.0	3.6	3.6	4.2	4.2	4.2	4.2	4.8	4.2	4.2
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: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1148.2	1147.6	1150.0	1147.6	1135.7	1140.4	1138.6	1145.2	1145.8	1147.6	1153.5
5°	1142.2	1142.2	1145.2	1142.8	1131.5	1136.3	1135.7	1142.2	1143.4	1144.6	1151.1
7.5°	1130.3	1130.9	1135.1	1133.3	1121.4	1128.5	1127.9	1135.7	1138.0	1140.4	1146.4
10°	1119.0	1118.4	1123.2	1121.4	1110.1	1118.4	1117.8	1125.5	1129.1	1133.3	1140.4
12.5°	1113.0	1111.2	1113.0	1111.2	1098.7	1105.3	1105.9	1114.8	1119.0	1124.3	1132.7
15°	1113.0	1110.1	1110.1	1106.5	1092.2	1096.4	1097.0	1102.9	1108.3	1113.6	1123.8
17.5°	1111.8	1108.9	1108.3	1105.3	1089.8	1089.8	1089.2	1093.4	1096.4	1101.7	1112.4
20°	1105.3	1104.1	1103.5	1101.7	1087.4	1085.0	1083.9	1083.9	1085.6	1087.4	1098.1
22.5°	1088.0	1089.2	1090.4	1091.6	1080.3	1076.1	1076.7	1075.5	1073.7	1073.7	1082.7
25°	1055.9	1061.8	1066.6	1071.9	1065.4	1062.4	1066.0	1064.2	1061.2	1058.8	1066.6
27.5°	1004.6	1017.2	1027.3	1040.4	1041.0	1038.6	1048.1	1046.9	1046.3	1042.8	1048.7
30°	933.8	953.4	967.1	986.2	1002.3	1004.6	1020.7	1023.1	1025.5	1023.7	1029.7
32.5°	848.0	874.8	898.0	927.8	943.3	957.0	979.6	989.2	998.7	1001.7	1008.2
35°	754.5	784.9	812.3	845.0	869.5	899.2	926.6	940.9	962.4	970.7	980.2
37.5°	665.8	694.4	721.2	753.9	793.2	824.2	858.1	890.3	919.5	931.4	945.7
40°	587.2	610.4	636.0	664.6	700.3	740.8	777.8	822.4	857.0	880.8	901.6
42.5°	527.6	538.9	561.0	586.6	615.2	656.3	693.8	743.8	785.5	819.4	854.0
45°	474.6	480.0	496.1	509.8	538.9	575.3	615.2	664.0	707.5	751.0	792.6
47.5°	429.4	435.9	443.7	452.0	472.8	503.2	537.8	581.8	625.3	675.9	723.6
50°	399.0	400.8	402.0	405.6	418.1	438.9	466.9	504.4	546.1	600.3	650.9
52.5°	372.2	372.2	368.6	366.8	371.6	384.7	400.8	427.6	470.5	520.5	574.1
55°	343.6	338.3	337.1	331.1	332.3	338.3	346.0	366.8	402.0	444.9	496.7
57.5°	303.7	301.3	301.3	299.0	294.2	297.2	299.0	313.8	338.9	375.8	421.0
60°	257.9	256.7	259.6	260.2	256.1	257.9	257.3	266.2	284.1	313.8	351.4
62.5°	212.0	217.4	218.0	220.3	218.0	217.4	220.3	228.1	237.0	259.6	288.8
65°	178.1	181.0	181.6	184.6	183.4	183.4	185.8	191.8	197.1	212.6	235.2
67.5°	156.0	154.8	155.4	157.2	155.4	154.8	156.6	160.2	164.4	173.9	190.0
70°	138.8	137.6	137.6	137.6	135.2	133.4	134.0	135.2	137.0	142.3	152.5
72.5°	125.7	125.7	123.9	122.1	120.3	119.1	117.9	116.7	116.1	117.9	123.3
75°	113.7	114.3	113.7	112.0	109.6	107.2	104.8	102.4	99.5	98.3	98.9
77.5°	103.0	103.6	104.2	103.6	101.2	98.3	94.7	91.1	86.9	82.8	80.4
80°	93.5	94.7	95.3	94.7	92.9	90.5	86.4	82.2	76.2	70.9	64.9
82.5°	85.2	86.9	87.5	87.5	86.4	84.0	79.2	74.4	67.9	60.7	53.0
85°	78.6	79.8	81.0	81.0	80.4	78.0	73.2	67.9	61.3	53.0	44.7
87.5°	72.1	72.7	73.8	75.0	73.8	71.5	67.3	61.3	54.8	46.5	36.9
90°	65.5	66.1	67.3	68.5	67.9	65.5	61.9	56.6	49.4	40.5	31.0
92.5°	59.0	60.1	60.7	61.3	61.9	60.1	57.2	51.8	44.7	35.7	26.8
95°	54.2	54.2	55.4	56.0	56.6	54.8	52.4	47.0	40.5	32.2	23.2
97.5°	49.4	49.4	50.6	50.6	51.2	50.0	47.6	42.9	36.3	28.6	19.7
100°	44.7	45.3	45.9	46.5	46.5	45.9	43.5	38.7	32.8	25.6	17.3
102.5°	41.7	41.7	42.3	42.3	42.9	41.7	39.3	35.1	29.2	22.6	14.9
105°	38.7	38.7	39.3	39.3	38.7	37.5	35.1	31.6	26.2	19.7	13.1
107.5°	36.3	36.3	36.3	36.3	35.7	34.5	32.2	28.0	23.2	17.9	11.9
110°	34.5	33.9	33.9	33.3	32.8	31.0	28.6	25.0	20.8	15.5	10.1



TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	32.8	32.2	31.6	31.0	29.8	28.0	25.6	22.6	18.5	13.7	8.9
115°	31.0	30.4	29.8	28.6	27.4	25.6	23.2	20.2	16.1	11.9	7.7
117.5°	29.2	28.6	27.4	26.2	25.0	23.2	20.8	17.9	14.3	10.7	7.1
120°	26.8	26.2	25.6	24.4	23.2	20.8	18.5	16.1	12.5	9.5	6.0
122.5°	25.0	24.4	23.2	22.6	20.8	19.1	16.7	14.3	11.3	8.3	5.4
125°	22.6	22.0	21.4	20.2	19.1	16.7	14.9	12.5	10.1	7.1	4.2
127.5°	20.8	20.2	19.1	17.9	16.7	14.9	13.1	11.3	8.9	6.0	4.2
130°	18.5	17.9	17.3	16.1	14.9	13.1	11.9	9.5	7.7	5.4	3.6
132.5°	16.1	16.1	15.5	14.3	13.1	11.9	10.1	8.3	6.6	4.8	3.0
135°	14.9	14.3	13.7	12.5	11.9	10.1	8.9	7.1	5.4	4.2	2.4
137.5°	13.1	12.5	11.9	11.3	10.1	8.9	7.7	6.0	4.8	3.6	2.4
140°	11.3	10.7	10.7	9.5	8.9	7.7	6.6	5.4	4.2	3.0	1.8
142.5°	10.1	9.5	8.9	8.3	7.7	6.6	5.4	4.2	3.6	2.4	1.8
145°	8.9	8.3	7.7	7.1	6.6	5.4	4.8	3.6	3.0	2.4	1.8
147.5°	7.1	7.1	6.6	6.0	5.4	4.8	4.2	3.6	2.4	1.8	1.2
150°	6.0	6.0	5.4	4.8	4.8	4.2	3.6	3.0	2.4	1.8	1.2
152.5°	5.4	4.8	4.8	4.2	4.2	3.6	3.0	2.4	1.8	1.8	1.2
155°	4.2	4.2	4.2	3.6	3.6	3.0	2.4	2.4	1.8	1.2	1.2
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: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1154.7	1147.6	1153.5	1164.2	1163.1	1161.9	1160.7	1163.1	1170.8	1166.6	1160.1
5°	1152.9	1145.8	1152.3	1162.5	1161.9	1160.1	1158.9	1161.3	1169.0	1164.8	1157.7
7.5°	1149.4	1142.8	1147.6	1157.7	1157.7	1156.5	1155.3	1157.7	1164.8	1161.3	1154.1
10°	1143.4	1138.6	1143.4	1152.9	1153.5	1151.1	1150.0	1152.9	1160.1	1158.3	1152.3
12.5°	1138.6	1133.9	1139.2	1148.8	1149.4	1147.0	1145.2	1148.8	1158.3	1159.5	1157.7
15°	1132.1	1127.9	1134.5	1144.6	1144.6	1142.8	1142.8	1147.6	1160.7	1166.0	1169.0
17.5°	1122.6	1119.6	1127.3	1137.5	1138.0	1136.9	1137.5	1147.0	1164.2	1177.4	1185.7
20°	1110.7	1109.5	1117.8	1128.5	1130.3	1130.9	1133.9	1148.2	1172.0	1189.9	1198.2
22.5°	1096.4	1097.0	1106.5	1117.8	1120.2	1122.0	1127.9	1148.2	1177.9	1197.0	1200.6
25°	1080.3	1082.1	1092.2	1105.9	1108.9	1112.4	1122.6	1148.8	1179.7	1192.2	1186.3
27.5°	1063.0	1066.6	1079.7	1094.0	1097.6	1103.5	1116.6	1145.2	1171.4	1172.0	1150.0
30°	1045.1	1049.3	1064.8	1081.5	1087.4	1093.4	1109.5	1136.9	1151.1	1132.1	1093.4
32.5°	1024.9	1030.9	1046.3	1066.6	1073.7	1081.5	1097.6	1120.8	1115.4	1074.3	1018.9
35°	999.3	1007.6	1025.5	1049.3	1055.9	1066.0	1077.3	1082.7	1058.8	1000.5	937.9
37.5°	967.7	980.2	1001.1	1028.5	1035.6	1042.2	1045.1	1030.3	982.6	919.5	854.6
40°	931.4	950.5	973.1	1003.5	1010.6	1010.6	999.9	968.3	908.2	825.4	753.3
42.5°	887.3	910.6	939.1	969.5	976.7	968.3	942.7	887.3	818.8	726.5	650.3
45°	833.7	864.7	896.9	928.4	932.0	913.5	867.7	797.4	712.8	627.1	554.4
47.5°	770.0	810.5	845.6	881.4	876.6	845.6	784.3	704.5	615.2	534.2	475.8
50°	698.5	746.2	785.5	819.4	809.3	766.4	694.4	611.0	522.3	453.2	405.0
52.5°	622.3	677.1	716.4	743.8	730.1	678.9	599.7	519.9	447.2	384.1	352.0
55°	543.1	598.5	639.0	660.4	642.6	587.2	509.2	436.5	368.0	326.9	307.9
57.5°	466.3	518.1	556.2	573.5	550.9	495.5	423.4	362.1	312.6	278.1	268.6
60°	392.5	434.7	471.1	484.2	459.7	408.5	346.6	297.8	261.4	237.6	232.8
62.5°	324.0	358.5	387.1	397.2	373.4	333.5	279.9	243.6	218.0	206.1	200.1
65°	267.4	287.6	316.8	315.0	300.7	263.8	224.5	198.9	182.2	174.5	170.9
67.5°	210.2	228.7	247.1	249.5	231.7	206.1	180.4	162.0	153.0	148.9	147.1
70°	162.6	176.3	187.6	184.6	175.1	159.0	142.9	132.8	129.2	127.4	127.4
72.5°	126.3	133.4	138.8	135.2	129.2	120.9	113.1	109.0	109.6	110.8	112.0
75°	97.7	99.5	100.6	97.1	95.9	90.5	89.9	90.5	94.1	97.7	99.5
77.5°	75.0	72.7	70.9	67.3	67.9	67.3	70.3	75.0	80.4	85.8	90.5
80°	57.8	52.4	48.2	44.7	46.5	49.4	55.4	62.5	69.7	75.6	81.6
82.5°	44.7	36.9	31.0	27.4	31.0	35.7	43.5	52.4	60.7	67.3	73.8
85°	34.5	25.6	18.5	14.9	18.5	25.6	33.9	44.1	53.0	60.1	66.7
87.5°	26.8	18.5	10.1	6.0	10.1	17.9	27.4	36.9	45.9	54.2	60.7
90°	21.4	12.5	4.8	1.2	5.4	12.5	21.4	31.0	39.9	48.8	55.4
92.5°	17.3	8.9	2.4	0.0	3.0	9.5	17.9	26.8	35.7	44.1	50.6
95°	14.3	7.1	1.8	0.0	2.4	7.1	14.3	23.2	31.6	39.9	45.3
97.5°	11.9	5.4	1.2	0.0	1.2	6.0	11.9	19.7	28.0	35.7	41.1
100°	10.1	4.8	1.2	0.0	1.2	4.8	10.1	17.3	24.4	31.6	36.9
102.5°	8.3	3.6	0.6	0.6	0.6	3.6	8.9	14.9	21.4	28.0	33.3
105°	7.7	3.0	0.6	0.6	0.6	3.0	7.7	13.1	19.1	25.0	29.8
107.5°	6.6	2.4	0.6	0.6	0.6	2.4	6.6	11.3	17.3	22.6	26.8
110°	5.4	2.4	0.6	0.6	0.6	2.4	5.4	10.1	14.9	19.7	23.8



TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	4.8	1.8	0.6	0.6	0.6	1.8	4.8	8.9	13.1	17.9	21.4
115°	4.2	1.8	0.6	0.6	0.6	1.8	4.2	7.7	11.3	15.5	19.1
117.5°	3.6	1.8	0.6	0.6	0.6	1.2	3.6	6.6	10.1	13.7	17.3
120°	3.0	1.2	0.6	0.6	0.6	1.2	3.0	6.0	8.9	11.9	14.9
122.5°	3.0	1.2	0.6	0.6	0.6	1.2	2.4	4.8	7.7	10.1	13.1
125°	2.4	1.2	0.6	0.6	0.6	0.6	2.4	4.2	6.6	8.9	11.3
127.5°	2.4	1.2	0.6	0.6	0.6	0.6	1.8	3.6	5.4	7.7	10.1
130°	1.8	1.2	0.6	0.6	0.6	0.6	1.2	3.0	4.8	6.6	8.3
132.5°	1.8	1.2	0.6	0.6	0.6	0.6	1.2	2.4	3.6	5.4	7.1
135°	1.8	0.6	0.6	0.6	0.6	0.6	0.6	1.8	3.0	4.2	5.4
137.5°	1.2	0.6	0.6	0.6	0.6	0.6	0.6	1.2	2.4	3.0	4.8
140°	1.2	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.8	2.4	3.6
142.5°	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.8	3.0
145°	1.2	0.6	0.6	1.2	1.2	0.6	0.6	1.2	1.2	1.8	2.4
147.5°	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.8
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.8
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1158.9	1145.2	1152.3	1150.0	1152.3	1158.3	1157.7	1155.9	1157.1	1154.1	1151.1
5°	1156.5	1142.8	1150.0	1147.0	1150.0	1155.9	1154.7	1152.9	1154.7	1151.1	1148.2
7.5°	1153.5	1141.0	1149.4	1148.8	1154.1	1161.9	1162.5	1162.5	1166.6	1161.3	1158.9
10°	1153.5	1147.0	1158.3	1162.5	1176.2	1186.3	1187.5	1189.9	1197.0	1195.8	1189.9
12.5°	1166.0	1164.8	1181.5	1191.6	1204.1	1218.4	1226.2	1228.6	1233.3	1229.8	1227.4
15°	1182.1	1188.1	1206.5	1217.8	1231.5	1242.3	1244.0	1245.2	1248.8	1243.5	1239.3
17.5°	1203.6	1207.1	1222.0	1226.8	1235.7	1237.5	1235.1	1229.2	1229.2	1217.3	1213.7
20°	1213.7	1211.9	1217.8	1210.1	1206.5	1195.8	1185.7	1174.4	1173.8	1161.3	1160.1
22.5°	1204.7	1192.8	1180.3	1161.3	1152.9	1137.5	1123.8	1117.2	1113.0	1097.0	1092.8
25°	1173.2	1144.0	1125.5	1102.9	1082.7	1064.8	1051.7	1038.0	1024.9	1011.8	1005.8
27.5°	1118.4	1091.0	1061.2	1029.7	1001.7	974.3	952.2	938.5	926.0	908.8	899.8
30°	1051.1	1013.0	980.2	949.9	904.0	870.7	852.2	824.8	815.3	807.5	790.9
32.5°	971.9	926.0	881.4	840.3	793.2	762.3	737.9	717.6	711.7	691.4	686.6
35°	884.4	824.2	773.6	733.1	699.1	661.6	641.4	627.7	615.8	602.1	599.7
37.5°	781.3	727.1	670.0	634.2	607.4	575.3	559.8	550.3	544.9	534.8	533.0
40°	677.7	623.5	584.2	548.5	531.8	514.5	503.2	499.0	496.7	493.1	489.5
42.5°	583.6	536.0	508.0	484.2	477.0	468.7	465.7	468.1	465.7	464.5	463.9
45°	503.8	467.5	447.8	440.7	438.9	436.5	438.9	443.1	443.7	442.5	442.5
47.5°	431.2	413.9	405.6	406.7	409.7	411.5	415.7	421.0	422.2	419.2	420.4
50°	383.5	373.4	371.6	376.4	382.9	385.3	390.1	394.2	393.6	392.5	391.3
52.5°	338.9	335.9	340.6	345.4	352.6	353.7	355.5	357.3	356.7	354.3	353.1
55°	301.3	303.7	307.9	309.7	315.0	314.4	315.0	315.0	312.6	311.5	309.7
57.5°	267.4	268.0	270.4	271.0	273.9	272.7	272.2	271.0	267.4	266.8	265.0
60°	232.8	231.7	237.0	232.8	235.2	232.8	232.3	229.3	225.7	225.1	223.9
62.5°	200.1	197.7	201.3	199.5	200.7	198.3	197.1	193.5	190.6	190.0	189.4
65°	170.9	169.7	173.3	172.7	173.9	170.9	169.7	167.3	165.0	164.4	163.8
67.5°	146.5	149.5	151.3	151.3	152.5	151.9	148.9	148.3	147.7	145.3	145.3
70°	128.6	130.4	134.0	134.6	134.0	135.2	132.8	132.2	131.6	130.4	129.8
72.5°	114.3	116.7	120.3	120.9	120.3	120.3	119.1	118.5	118.5	116.7	116.7
75°	103.0	106.0	109.0	109.0	109.0	107.8	106.6	106.6	105.4	104.8	103.6
77.5°	93.5	97.1	99.5	98.9	98.3	97.1	97.1	95.3	93.5	93.5	92.3
80°	86.4	88.7	90.5	89.9	89.3	87.5	86.9	85.2	84.0	82.2	82.2
82.5°	78.6	81.6	82.8	82.2	81.0	79.2	78.6	77.4	76.2	75.6	74.4
85°	72.1	75.0	75.6	74.4	73.2	72.1	71.5	70.9	70.3	69.1	69.1
87.5°	65.5	68.5	68.5	67.9	66.7	66.1	65.5	64.9	64.3	63.7	63.1
90°	60.1	62.5	62.5	61.9	61.3	60.7	60.1	59.6	59.0	58.4	58.4
92.5°	54.8	57.2	57.2	56.6	56.0	55.4	55.4	54.8	54.2	53.6	53.0
95°	50.0	52.4	52.4	52.4	51.8	51.2	51.2	50.6	50.0	50.0	49.4
97.5°	45.3	47.6	47.6	47.6	47.0	46.5	46.5	45.9	45.9	45.9	45.3
100°	41.1	42.9	43.5	43.5	42.9	42.9	42.9	42.3	42.3	42.3	41.7
102.5°	36.9	38.7	39.9	39.9	39.9	39.3	39.3	39.3	39.3	39.3	38.7
105°	33.3	35.1	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
107.5°	30.4	32.2	33.3	33.9	34.5	34.5	35.1	35.1	35.1	35.1	35.1
110°	27.4	29.2	31.0	31.6	32.2	32.8	32.8	33.3	32.8	32.8	32.8



TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	24.4	26.8	28.0	29.2	29.8	30.4	31.0	31.0	31.0	31.0	31.0
115°	22.0	24.4	25.6	26.8	28.0	28.6	28.6	29.2	29.2	29.2	28.6
117.5°	19.7	22.0	23.2	24.4	25.0	26.2	26.8	26.8	26.8	26.8	26.2
120°	17.9	19.7	20.8	22.0	23.2	23.8	24.4	24.4	24.4	24.4	24.4
122.5°	15.5	17.3	19.1	20.2	20.8	21.4	22.0	22.0	22.0	22.0	22.0
125°	13.7	15.5	16.7	17.9	18.5	19.7	19.7	19.7	19.7	19.7	19.7
127.5°	11.9	13.7	14.9	16.1	16.7	17.3	17.9	17.9	17.9	17.9	17.9
130°	10.1	11.9	13.1	14.3	14.9	15.5	15.5	16.1	16.1	16.1	16.1
132.5°	8.9	10.1	11.3	12.5	13.1	13.7	13.7	14.3	14.3	14.3	14.3
135°	7.1	8.9	9.5	10.7	11.3	11.9	11.9	12.5	12.5	12.5	12.5
137.5°	6.0	7.1	8.3	9.5	10.1	10.1	10.7	10.7	11.3	11.3	11.3
140°	4.8	5.4	7.1	7.7	8.3	8.9	9.5	9.5	9.5	9.5	9.5
142.5°	3.6	4.8	5.4	6.6	7.1	7.7	8.3	8.3	8.3	8.3	8.3
145°	3.0	3.6	4.2	5.4	6.0	6.6	7.1	7.1	7.1	7.1	7.1
147.5°	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.0	6.0	6.0	6.0
150°	1.8	2.4	3.0	3.0	3.6	4.2	4.8	5.4	5.4	5.4	5.4
152.5°	1.8	1.8	2.4	2.4	3.0	3.6	4.2	4.2	4.2	4.2	4.2
155°	1.2	1.8	1.8	1.8	2.4	2.4	3.0	3.6	3.6	3.6	3.6
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: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1152.9	1155.3	1154.1	1152.3	1151.7	1154.7	1151.7	1138.0	1143.4	1144.0	1148.2
5°	1151.1	1152.9	1151.7	1150.6	1148.8	1152.3	1148.8	1134.5	1139.8	1140.4	1144.6
7.5°	1163.1	1163.7	1163.7	1160.7	1155.9	1157.7	1152.9	1136.9	1139.8	1139.8	1142.8
10°	1192.8	1194.0	1195.8	1188.1	1182.1	1177.4	1170.8	1151.1	1150.6	1145.8	1145.8
12.5°	1231.5	1228.6	1225.6	1222.0	1217.3	1211.3	1201.8	1178.5	1170.8	1163.1	1155.3
15°	1242.9	1241.7	1241.1	1239.3	1236.3	1234.5	1227.4	1204.1	1192.8	1183.3	1169.6
17.5°	1213.1	1215.5	1223.2	1223.8	1227.4	1234.5	1233.3	1217.3	1207.1	1203.0	1186.3
20°	1159.5	1160.1	1169.6	1173.8	1189.3	1201.2	1210.1	1208.3	1205.9	1210.7	1198.2
22.5°	1095.2	1099.3	1109.5	1116.0	1130.9	1144.6	1158.9	1166.6	1179.1	1198.8	1196.4
25°	1007.6	1013.0	1027.3	1038.0	1058.8	1079.7	1098.7	1112.4	1127.3	1164.8	1177.4
27.5°	902.8	911.2	929.6	940.3	969.5	991.0	1018.3	1045.1	1066.0	1108.9	1134.5
30°	792.6	799.8	819.4	834.3	859.3	888.5	923.1	961.2	995.7	1039.2	1071.3
32.5°	689.6	697.4	713.4	726.5	754.5	778.9	817.1	864.1	896.3	956.4	999.3
35°	599.7	606.8	618.2	629.5	652.7	677.7	710.5	756.3	797.4	859.9	914.1
37.5°	536.6	537.8	544.3	550.9	568.1	587.2	612.8	653.3	691.4	758.7	818.2
40°	491.3	491.3	494.9	496.7	504.4	515.7	531.8	563.4	594.9	646.1	718.8
42.5°	463.3	462.1	462.1	462.7	462.1	467.5	477.0	491.9	519.9	562.2	618.7
45°	442.5	440.1	438.3	434.1	431.8	431.8	432.4	437.7	453.8	481.2	527.0
47.5°	419.2	418.7	415.7	410.9	406.7	403.8	399.0	397.2	402.0	417.5	448.4
50°	392.5	389.5	386.5	382.9	378.2	375.2	366.2	366.8	362.7	369.8	385.9
52.5°	353.1	350.8	349.6	346.6	344.8	343.6	336.5	329.3	327.5	328.7	334.7
55°	309.7	310.9	306.1	308.5	307.9	302.5	299.5	294.2	292.4	291.8	294.8
57.5°	264.4	265.6	262.6	265.0	265.0	262.0	260.2	260.2	256.1	252.5	256.7
60°	223.3	220.9	222.7	225.7	225.7	223.9	222.7	222.7	219.7	218.6	221.5
62.5°	190.0	187.6	189.4	192.4	192.9	191.8	190.6	190.6	187.0	187.0	189.4
65°	164.4	165.0	164.4	166.7	166.7	167.3	166.2	165.0	160.8	162.6	162.0
67.5°	145.9	145.3	145.3	147.7	147.1	148.3	147.1	145.3	142.3	139.9	139.4
70°	130.4	129.8	129.8	131.0	131.6	131.6	131.0	129.8	125.7	123.3	121.5
72.5°	116.7	116.1	116.7	117.3	117.9	118.5	117.9	116.7	113.1	110.2	107.2
75°	104.2	103.6	105.4	105.4	106.0	106.0	106.6	106.0	103.0	99.5	95.9
77.5°	91.7	92.3	94.1	94.7	95.9	96.5	97.1	97.1	94.1	91.1	86.4
80°	81.6	82.8	84.0	84.6	85.8	87.5	88.1	88.7	86.4	83.4	78.0
82.5°	74.4	75.0	76.2	76.8	78.6	79.2	79.8	81.0	79.8	76.8	70.9
85°	68.5	69.1	70.3	70.3	71.5	72.7	73.2	73.8	73.2	70.3	64.3
87.5°	63.1	63.7	64.3	64.9	65.5	66.1	66.7	67.3	66.7	63.7	58.4
90°	58.4	58.4	59.0	59.0	59.6	60.1	61.3	61.3	60.7	58.4	53.0
92.5°	53.0	53.6	53.6	54.2	54.8	55.4	56.0	56.0	55.4	53.0	48.2
95°	49.4	49.4	50.0	50.0	50.6	50.6	51.2	51.2	50.6	48.2	43.5
97.5°	45.3	45.3	45.3	45.3	45.9	45.9	46.5	46.5	45.9	43.5	39.3
100°	41.7	41.7	41.7	41.7	41.7	42.3	42.3	42.3	41.7	39.3	35.1
102.5°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	37.5	35.7	31.6
105°	36.9	36.9	36.9	36.3	36.3	36.3	35.7	35.7	33.9	32.2	28.6
107.5°	34.5	34.5	34.5	33.9	33.9	33.3	32.8	32.8	31.0	29.2	25.6
110°	32.8	32.8	32.8	32.2	31.6	31.0	30.4	29.8	28.0	25.6	22.6





TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	31.0	31.0	30.4	30.4	29.8	29.2	28.0	27.4	25.6	23.2	20.2
115°	28.6	28.6	28.6	28.0	27.4	26.8	26.2	25.0	23.2	20.8	17.9
117.5°	26.2	26.2	26.2	25.6	25.0	24.4	23.8	22.6	20.8	18.5	16.1
120°	23.8	23.8	23.8	23.2	22.6	22.0	21.4	20.2	18.5	16.7	13.7
122.5°	22.0	22.0	21.4	20.8	20.2	19.7	19.1	17.9	16.7	14.3	11.9
125°	19.7	19.7	19.1	19.1	18.5	17.9	17.3	16.1	14.3	12.5	10.7
127.5°	17.9	17.3	17.3	17.3	16.7	16.1	14.9	14.3	12.5	10.7	8.9
130°	15.5	15.5	15.5	14.9	14.9	14.3	13.1	11.9	10.7	9.5	7.7
132.5°	13.7	13.7	13.7	13.7	13.1	12.5	11.3	10.7	9.5	7.7	6.6
135°	12.5	12.5	11.9	11.9	11.3	10.7	10.1	8.9	7.7	6.6	5.4
137.5°	10.7	10.7	10.7	10.1	10.1	9.5	8.3	7.7	7.1	6.0	4.8
140°	9.5	9.5	8.9	8.9	8.3	8.3	7.7	6.6	6.0	4.8	4.2
142.5°	8.3	8.3	7.7	7.7	7.1	7.1	6.6	6.0	4.8	4.2	3.0
145°	7.1	7.1	6.6	6.6	6.6	6.0	5.4	4.8	4.2	3.6	3.0
147.5°	6.0	6.0	6.0	5.4	5.4	4.8	4.8	4.2	3.6	3.0	2.4
150°	5.4	5.4	4.8	4.8	4.8	4.2	3.6	3.6	3.0	2.4	1.8
152.5°	4.2	4.2	4.2	4.2	3.6	3.6	3.0	3.0	2.4	1.8	1.8
155°	3.6	3.6	3.6	3.0	3.0	3.0	2.4	2.4	1.8	1.8	1.2
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: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9	1152.9
2.5°	1146.4	1145.8	1151.1	1150.6	1143.4	1154.1	1161.3
5°	1143.4	1142.8	1147.6	1148.8	1141.0	1152.3	1160.1
7.5°	1141.0	1140.4	1145.8	1147.6	1139.8	1150.0	1158.3
10°	1141.6	1138.6	1143.4	1144.6	1137.5	1148.2	1155.3
12.5°	1145.8	1138.6	1140.4	1140.4	1133.9	1143.4	1151.1
15°	1155.9	1141.0	1138.6	1136.9	1128.5	1137.5	1145.2
17.5°	1167.2	1147.0	1138.6	1132.7	1122.6	1130.3	1138.6
20°	1178.5	1153.5	1139.8	1130.3	1116.6	1123.8	1129.7
22.5°	1183.9	1159.5	1141.0	1126.7	1109.5	1113.0	1119.6
25°	1176.8	1157.1	1138.6	1121.4	1100.5	1101.1	1106.5
27.5°	1150.6	1145.2	1133.3	1116.0	1093.4	1090.4	1094.6
30°	1105.9	1120.8	1121.4	1108.9	1085.0	1079.1	1080.9
32.5°	1043.4	1076.7	1096.4	1094.0	1073.1	1064.8	1066.0
35°	971.3	1013.0	1055.9	1070.2	1055.3	1048.7	1046.3
37.5°	884.9	940.9	998.1	1033.2	1030.9	1026.7	1024.3
40°	789.7	857.0	924.8	980.8	998.1	998.1	999.3
42.5°	687.8	766.4	840.9	911.7	952.2	961.2	964.7
45°	589.6	668.8	749.8	831.4	885.5	913.5	923.7
47.5°	500.2	580.0	656.9	746.2	818.2	854.6	870.7
50°	424.0	483.6	564.6	653.3	731.9	776.6	808.1
52.5°	360.9	407.3	478.2	561.0	640.2	701.5	730.7
55°	307.9	339.4	399.6	471.1	546.7	610.4	644.4
57.5°	263.2	288.2	329.3	388.9	452.6	515.7	552.1
60°	223.9	241.2	269.2	316.2	370.4	424.6	459.7
62.5°	190.0	201.3	219.7	254.3	296.6	338.9	371.6
65°	163.8	168.5	178.7	200.1	232.3	264.4	292.4
67.5°	138.2	141.1	148.9	162.0	178.1	201.3	219.7
70°	119.1	119.1	119.7	127.4	135.8	150.7	163.8
72.5°	103.6	101.8	98.3	100.0	101.8	110.2	118.5
75°	91.1	86.9	81.0	78.6	77.4	78.6	83.4
77.5°	80.4	74.4	67.3	61.3	56.6	54.8	59.0
80°	71.5	64.3	56.0	48.2	40.5	36.3	38.1
82.5°	64.3	55.4	46.5	37.5	28.6	22.6	22.6
85°	56.6	48.2	38.7	29.2	20.2	12.5	11.3
87.5°	51.2	42.3	32.2	23.2	14.3	6.6	3.6
90°	45.9	36.9	27.4	18.5	10.1	3.0	0.0
92.5°	41.1	32.8	23.8	14.9	7.1	1.8	0.0
95°	36.9	29.2	20.2	12.5	6.0	1.2	0.6
97.5°	32.8	25.6	17.9	10.1	4.2	1.2	0.6
100°	29.8	22.6	15.5	8.3	3.6	0.6	0.6
102.5°	26.2	20.2	13.1	7.1	3.0	0.6	0.6
105°	23.2	17.9	11.3	6.0	2.4	0.6	0.6
107.5°	20.8	15.5	10.1	5.4	2.4	0.6	0.6
110°	18.5	13.7	8.9	4.8	1.8	0.6	0.6



TEST NUMBER: P290182

CATALOG NUMBER: 4SSRK-LC-30-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	16.7	11.9	7.7	4.2	1.2	0.6	0.6
115°	14.3	10.7	6.6	3.6	1.2	0.6	0.6
117.5°	12.5	8.9	6.0	3.0	1.2	0.6	0.6
120°	10.7	7.7	4.8	2.4	0.6	0.6	0.6
122.5°	9.5	6.6	4.2	2.4	0.6	0.6	0.6
125°	8.3	6.0	3.6	1.8	0.6	0.6	0.6
127.5°	7.1	4.8	3.0	1.2	0.6	0.6	0.6
130°	6.0	4.2	2.4	1.2	0.6	0.6	0.6
132.5°	4.8	3.6	2.4	1.2	0.6	0.6	0.6
135°	4.2	3.0	1.8	1.2	0.6	0.6	0.6
137.5°	3.6	2.4	1.2	1.2	1.2	0.6	0.6
140°	3.0	1.8	1.2	1.2	1.2	1.2	0.6
142.5°	2.4	1.8	1.2	1.2	1.2	1.2	0.6
145°	1.8	1.2	1.2	1.2	1.2	1.2	0.6
147.5°	1.8	1.2	1.2	1.2	1.2	1.2	0.6
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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)