

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: P290190

Luminaire Tested: **4SSRK-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: P290190
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SSRK-LC-40-L940-CD1-U
Description: 4000 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: 3654.6 lumens
Efficiency: N/A
Efficacy: 131.9 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')
CIE Type: Direct

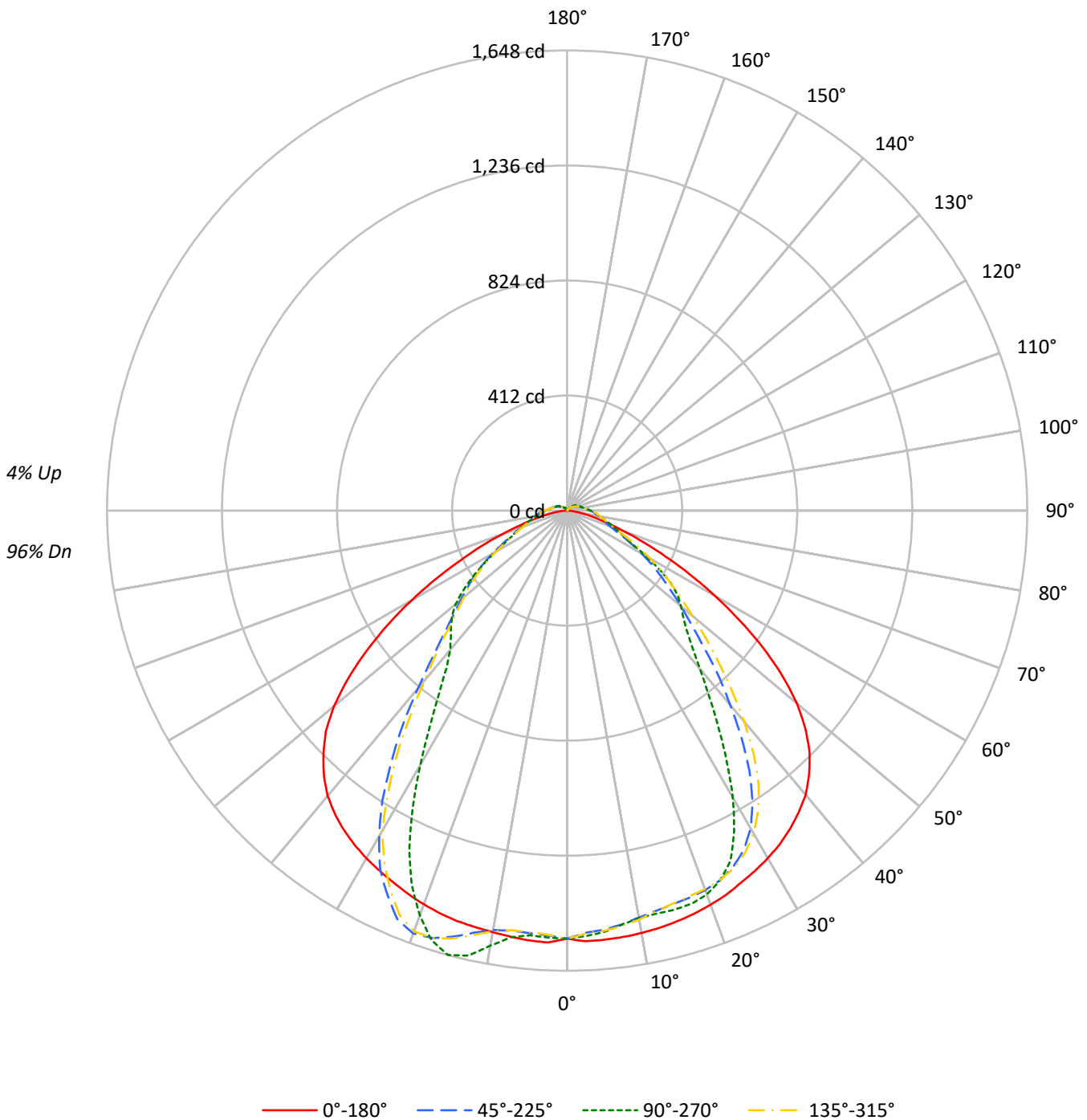
Input Watts (W): 27.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	99006	99006	99006	99006
5°	99637	72746	99843	73318
10°	100008	56973	99800	60841
15°	100685	47760	100633	53178
20°	101694	40951	101585	43167
25°	102839	34423	102783	33262
30°	104660	26748	104718	23697
35°	106582	19546	106881	16541
40°	108235	14298	108683	12597
45°	107681	11037	108242	10746
50°	102851	9270	104297	9063
55°	91055	7597	93318	6908
60°	73644	5290	77560	4850
65°	54541	3663	58764	3475
70°	36902	2843	41595	2718
75°	23949	2283	27879	2159
80°	15252	1865	17869	1716
85°	7529	1596	9939	1458



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.6	4.0
10°-20°	433.3	11.9
20°-30°	658.7	18.0
30°-40°	706.6	19.3
40°-50°	613.3	16.8
50°-60°	454.5	12.4
60°-70°	260.4	7.1
70°-80°	144.2	3.9
80°-90°	87.8	2.4
90°-100°	57.1	1.6
100°-110°	38.2	1.0
110°-120°	25.8	0.7
120°-130°	15.8	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°	1237.6	33.9
0°-40°	1944.2	53.2
0°-60°	3011.9	82.4
0°-90°	3504.3	95.9
90°-120°	121.2	3.3
90°-150°	149.2	4.1
90°-180°	150.0	4.1
0°-180°	3654.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1533	1533	1533	1533	1533	
5°	1542	1515	1546	1527	1542	147
15°	1523	1480	1522	1648	1523	431
25°	1471	1384	1470	1337	1471	680
35°	1391	942	1395	797	1391	871
45°	1228	604	1234	588	1228	940
55°	857	453	878	412	857	760
65°	389	230	419	218	389	392
75°	111	146	129	138	111	127
85°	15	101	20	92	15	20
90°	0	84	2	78	0	1
95°	1	69	0	66	1	1
105°	1	52	1	49	1	1
115°	1	42	1	38	1	1
125°	1	32	1	26	1	1
135°	1	20	1	17	1	1
145°	1	12	2	10	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°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1544.1	1540.1	1538.5	1535.4	1537.8	1547.3	1540.9	1530.6	1531.4	1513.2	1522.7
5°	1542.5	1537.8	1535.4	1532.2	1533.8	1542.5	1536.2	1525.9	1525.1	1506.9	1515.6
7.5°	1540.1	1535.4	1531.4	1529.0	1529.8	1537.0	1529.0	1517.2	1514.8	1495.0	1502.9
10°	1536.2	1533.0	1527.5	1523.5	1522.7	1530.6	1518.0	1506.1	1500.5	1479.9	1487.9
12.5°	1530.6	1525.9	1520.3	1513.2	1512.4	1517.2	1506.9	1490.2	1484.7	1468.1	1476.8
15°	1522.7	1517.2	1510.8	1502.9	1499.0	1502.1	1489.4	1474.4	1473.6	1459.4	1471.2
17.5°	1514.0	1506.1	1499.0	1487.9	1482.3	1484.7	1474.4	1460.9	1462.5	1453.8	1467.3
20°	1502.1	1493.4	1482.3	1471.2	1463.3	1467.3	1460.2	1449.9	1452.2	1445.9	1457.8
22.5°	1488.7	1476.8	1463.3	1450.6	1444.3	1449.9	1444.3	1435.6	1436.4	1432.4	1439.6
25°	1471.2	1457.8	1441.9	1426.1	1422.9	1426.9	1423.7	1416.6	1413.4	1407.1	1410.3
27.5°	1455.4	1440.4	1420.6	1403.9	1398.4	1406.3	1399.2	1387.3	1378.6	1369.9	1363.5
30°	1437.2	1419.0	1396.8	1377.8	1373.0	1376.2	1365.9	1347.7	1324.7	1313.7	1296.2
32.5°	1417.4	1393.6	1365.9	1344.5	1341.4	1339.0	1320.0	1293.9	1258.2	1236.1	1209.1
35°	1391.3	1365.1	1331.9	1305.7	1301.0	1287.5	1256.6	1221.8	1175.9	1137.9	1091.9
37.5°	1362.0	1331.1	1296.2	1261.4	1247.9	1221.0	1177.5	1141.0	1071.4	1025.4	970.0
40°	1328.7	1291.5	1248.7	1206.8	1184.6	1141.0	1091.2	1037.3	970.0	908.2	861.5
42.5°	1282.8	1243.2	1192.5	1145.8	1107.8	1050.0	991.4	915.4	853.6	801.3	753.8
45°	1228.1	1180.6	1122.0	1065.8	1017.5	948.6	879.7	803.7	752.2	691.3	658.8
47.5°	1157.7	1106.2	1043.6	981.1	917.7	841.7	769.7	696.8	645.3	601.8	578.0
50°	1074.5	1027.0	958.1	883.7	814.0	734.8	662.8	608.1	558.2	531.3	513.1
52.5°	971.6	927.2	856.8	776.0	708.7	631.1	565.4	521.0	485.4	465.6	459.3
55°	856.8	818.0	748.3	673.1	604.2	532.9	483.0	444.2	421.3	409.4	410.2
57.5°	734.0	703.9	638.2	570.9	506.0	452.1	407.0	376.1	358.7	357.9	360.3
60°	611.3	589.1	532.1	474.3	417.3	373.7	340.5	319.1	308.0	308.8	308.0
62.5°	494.1	473.5	432.3	384.8	339.7	310.4	280.3	271.6	262.1	261.3	261.3
65°	388.8	373.0	339.7	305.6	271.6	252.6	237.6	227.3	220.1	218.5	219.3
67.5°	292.2	285.9	262.9	239.9	218.5	206.7	194.0	191.6	186.1	186.1	187.7
70°	217.8	213.0	200.3	186.9	178.2	170.2	163.9	163.9	163.1	162.3	166.3
72.5°	157.6	158.4	154.4	144.1	143.3	141.7	140.2	142.5	143.3	145.7	150.4
75°	110.9	113.2	113.2	111.6	114.8	118.8	121.2	125.1	129.9	133.0	138.6
77.5°	78.4	78.4	82.4	87.1	93.4	100.6	106.9	112.4	118.8	122.7	127.5
80°	50.7	53.1	59.4	68.1	76.8	86.3	95.0	102.1	108.5	114.8	118.0
82.5°	30.1	34.0	42.0	53.1	64.1	76.0	84.7	93.4	100.6	106.9	109.3
85°	15.0	20.6	30.1	42.0	53.8	66.5	77.6	85.5	93.4	99.0	102.1
87.5°	4.8	11.1	21.4	32.5	45.1	57.8	69.7	78.4	85.5	90.3	93.4
90°	0.0	5.5	15.0	26.9	38.8	51.5	62.6	72.1	79.2	83.1	85.5
92.5°	0.0	3.2	11.9	22.2	33.3	45.9	57.0	65.7	72.1	76.0	77.6
95°	0.8	2.4	8.7	18.2	29.3	41.2	51.5	59.4	65.7	69.7	70.5
97.5°	0.8	1.6	7.1	15.0	25.3	36.4	46.7	54.6	59.4	63.3	64.1
100°	0.8	1.6	5.5	13.5	22.2	32.5	42.0	49.1	54.6	57.8	58.6
102.5°	0.8	0.8	4.8	11.1	19.8	28.5	37.2	44.3	49.1	52.3	53.8
105°	0.8	0.8	4.0	9.5	17.4	25.3	33.3	40.4	44.3	47.5	49.1
107.5°	0.8	0.8	3.2	7.9	15.0	22.2	30.1	35.6	40.4	43.6	45.1
110°	0.8	0.8	2.4	7.1	12.7	19.8	26.1	31.7	36.4	39.6	41.2



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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	11.1	17.4	23.0	28.5	32.5	35.6	38.0
115°	0.8	0.8	2.4	5.5	10.3	15.0	20.6	25.3	29.3	32.5	34.8
117.5°	0.8	0.8	2.4	4.8	8.7	13.5	18.2	23.0	26.1	29.3	31.7
120°	0.8	0.8	1.6	4.0	7.9	11.9	15.8	19.8	23.8	26.9	29.3
122.5°	0.8	0.8	1.6	4.0	6.3	10.3	14.3	17.4	21.4	23.8	26.1
125°	0.8	0.8	1.6	3.2	5.5	9.5	12.7	15.8	18.2	21.4	23.8
127.5°	0.8	0.8	1.6	3.2	4.8	7.9	11.1	14.3	16.6	19.0	20.6
130°	0.8	0.8	1.6	2.4	4.0	6.3	9.5	11.9	15.0	16.6	18.2
132.5°	0.8	0.8	0.8	2.4	3.2	4.8	7.1	10.3	12.7	15.0	15.8
135°	0.8	0.8	0.8	1.6	3.2	4.0	5.5	7.9	10.3	12.7	14.3
137.5°	0.8	0.8	0.8	1.6	2.4	4.0	4.8	6.3	8.7	10.3	12.7
140°	0.8	0.8	0.8	1.6	2.4	3.2	4.0	5.5	7.1	8.7	10.3
142.5°	0.8	0.8	0.8	1.6	1.6	2.4	3.2	4.8	5.5	7.1	8.7
145°	0.8	0.8	0.8	1.6	1.6	2.4	3.2	4.0	4.8	5.5	7.1
147.5°	0.8	0.8	0.8	1.6	1.6	1.6	2.4	3.2	4.0	4.8	5.5
150°	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	3.2	4.0	4.8
152.5°	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	3.2	4.0
155°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	3.2	3.2
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1519.5	1521.1	1530.6	1529.8	1528.2	1526.7	1526.7	1525.1	1526.7	1530.6	1529.0
5°	1511.6	1514.0	1521.1	1520.3	1518.7	1518.0	1517.2	1514.8	1516.4	1521.9	1520.3
7.5°	1497.4	1499.7	1506.1	1502.9	1500.5	1502.1	1498.2	1495.8	1499.0	1504.5	1503.7
10°	1482.3	1483.9	1491.8	1490.2	1486.3	1487.1	1483.1	1481.5	1485.5	1488.7	1489.4
12.5°	1472.0	1477.6	1484.7	1483.9	1483.1	1483.9	1479.9	1478.4	1480.7	1483.9	1483.1
15°	1469.7	1476.8	1484.7	1484.7	1485.5	1486.3	1482.3	1479.9	1482.3	1484.7	1483.9
17.5°	1467.3	1476.0	1483.1	1482.3	1483.1	1484.7	1478.4	1476.8	1479.9	1483.1	1481.5
20°	1459.4	1467.3	1472.0	1470.4	1470.4	1471.2	1463.3	1463.3	1468.1	1470.4	1471.2
22.5°	1437.2	1446.7	1446.7	1442.7	1442.7	1439.6	1437.2	1432.4	1438.0	1441.9	1445.1
25°	1403.9	1407.9	1403.1	1394.4	1389.7	1385.7	1374.6	1384.1	1384.1	1396.0	1400.0
27.5°	1357.2	1348.5	1335.0	1316.8	1312.9	1300.2	1293.1	1295.4	1299.4	1316.0	1328.7
30°	1280.4	1254.3	1231.3	1223.4	1206.0	1193.3	1180.6	1187.0	1194.1	1203.6	1229.7
32.5°	1179.0	1153.7	1116.5	1103.0	1084.8	1069.0	1053.9	1063.4	1076.1	1082.4	1111.0
35°	1062.6	1032.6	998.5	975.5	956.5	947.8	928.8	942.3	955.7	960.5	985.0
37.5°	939.1	908.2	878.1	858.4	840.1	834.6	821.9	831.4	841.7	848.9	869.4
40°	821.9	793.4	770.5	757.0	744.3	739.6	734.8	738.8	746.7	752.2	768.1
42.5°	721.4	698.4	682.6	674.6	665.9	659.6	660.4	662.0	665.9	677.8	684.9
45°	633.5	620.0	609.7	608.1	602.6	601.8	601.0	604.2	606.5	613.7	619.2
47.5°	563.0	557.5	555.1	558.2	560.6	557.5	559.0	563.0	567.7	567.7	567.0
50°	507.6	509.2	512.3	519.4	524.2	525.8	527.4	532.1	532.9	534.5	532.1
52.5°	462.4	464.0	472.7	483.8	489.4	491.7	494.9	499.7	499.7	501.2	498.1
55°	416.5	418.9	427.6	438.7	443.4	446.6	449.8	452.9	455.3	458.5	456.1
57.5°	365.8	373.0	378.5	381.7	384.8	387.2	389.6	390.4	395.1	395.9	399.9
60°	312.0	313.6	319.1	318.3	315.9	322.3	319.1	324.7	330.2	337.3	338.1
62.5°	260.5	261.3	265.3	263.7	266.8	266.1	268.4	268.4	272.4	275.6	279.5
65°	220.1	220.9	224.1	224.1	223.3	225.7	228.0	229.6	229.6	232.0	235.2
67.5°	190.0	192.4	195.6	197.2	198.8	198.8	201.1	201.9	203.5	204.3	205.9
70°	169.5	172.6	175.8	177.4	178.2	179.7	180.5	180.5	182.1	182.9	184.5
72.5°	154.4	157.6	160.0	160.0	161.5	162.3	162.3	163.1	163.9	165.5	167.1
75°	141.7	144.1	145.7	144.9	144.9	144.9	145.7	145.7	147.3	148.9	150.4
77.5°	129.9	132.2	132.2	130.7	130.7	130.7	130.7	131.4	132.2	133.8	135.4
80°	121.2	121.2	120.4	120.4	118.8	118.0	118.0	118.8	118.8	120.4	122.7
82.5°	111.6	111.6	110.9	110.1	109.3	108.5	108.5	109.3	110.1	110.9	112.4
85°	102.9	102.9	101.4	101.4	100.6	100.6	100.6	100.6	101.4	102.1	103.7
87.5°	94.2	93.4	92.6	91.9	91.9	91.9	91.9	91.9	92.6	94.2	95.0
90°	85.5	84.7	83.9	83.9	83.1	83.1	83.9	83.9	84.7	85.5	86.3
92.5°	77.6	76.8	76.0	76.0	75.2	75.2	76.0	75.2	76.8	76.8	77.6
95°	70.5	69.7	68.9	68.9	68.9	68.9	68.9	68.9	69.7	69.7	70.5
97.5°	64.1	63.3	62.6	62.6	63.3	62.6	63.3	63.3	63.3	64.1	64.9
100°	58.6	57.8	57.8	58.6	57.8	57.8	58.6	58.6	58.6	58.6	59.4
102.5°	53.8	53.8	53.8	53.8	53.8	53.8	54.6	54.6	54.6	54.6	55.4
105°	49.1	49.9	49.9	49.9	50.7	50.7	50.7	51.5	51.5	51.5	51.5
107.5°	45.9	46.7	46.7	47.5	47.5	48.3	48.3	48.3	48.3	49.1	49.1
110°	42.8	43.6	44.3	45.1	45.1	45.9	45.9	45.9	45.9	45.9	45.9



TEST NUMBER: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	39.6	40.4	41.2	42.8	43.6	43.6	43.6	43.6	44.3	44.3	43.6
115°	36.4	38.0	38.8	40.4	41.2	41.2	42.0	42.0	42.0	42.0	41.2
117.5°	33.3	35.6	36.4	38.0	38.8	38.8	39.6	39.6	39.6	39.6	38.8
120°	30.9	32.5	34.0	34.8	35.6	36.4	36.4	37.2	37.2	37.2	36.4
122.5°	28.5	30.1	31.7	32.5	33.3	34.0	34.0	34.0	34.0	34.0	34.0
125°	25.3	26.9	28.5	29.3	30.1	30.9	30.9	31.7	31.7	31.7	30.9
127.5°	23.0	24.5	25.3	26.9	27.7	27.7	28.5	28.5	28.5	28.5	27.7
130°	19.8	21.4	23.0	23.8	24.5	24.5	25.3	25.3	25.3	25.3	25.3
132.5°	17.4	19.0	19.8	21.4	21.4	22.2	22.2	23.0	23.0	23.0	22.2
135°	15.8	16.6	17.4	19.0	19.0	19.8	19.8	19.8	19.8	19.8	19.8
137.5°	14.3	15.0	15.8	16.6	16.6	17.4	17.4	17.4	17.4	18.2	17.4
140°	11.9	13.5	14.3	14.3	15.0	15.0	15.0	15.8	15.8	15.8	15.0
142.5°	10.3	11.1	11.9	12.7	13.5	13.5	13.5	13.5	14.3	13.5	13.5
145°	7.9	9.5	10.3	11.1	11.9	11.9	11.9	11.9	11.9	11.9	11.9
147.5°	6.3	7.1	8.7	9.5	9.5	10.3	10.3	10.3	10.3	10.3	10.3
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°	4.0	4.8	5.5	6.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
155°	4.0	4.0	4.8	4.8	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: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1526.7	1525.9	1529.0	1525.9	1510.0	1516.4	1514.0	1522.7	1523.5	1525.9	1533.8
5°	1518.7	1518.7	1522.7	1519.5	1504.5	1510.8	1510.0	1518.7	1520.3	1521.9	1530.6
7.5°	1502.9	1503.7	1509.2	1506.9	1491.0	1500.5	1499.7	1510.0	1513.2	1516.4	1524.3
10°	1487.9	1487.1	1493.4	1491.0	1476.0	1487.1	1486.3	1496.6	1501.3	1506.9	1516.4
12.5°	1479.9	1477.6	1479.9	1477.6	1460.9	1469.7	1470.4	1482.3	1487.9	1495.0	1506.1
15°	1479.9	1476.0	1476.0	1471.2	1452.2	1457.8	1458.6	1466.5	1473.6	1480.7	1494.2
17.5°	1478.4	1474.4	1473.6	1469.7	1449.1	1449.1	1448.3	1453.8	1457.8	1464.9	1479.2
20°	1469.7	1468.1	1467.3	1464.9	1445.9	1442.7	1441.1	1441.1	1443.5	1445.9	1460.2
22.5°	1446.7	1448.3	1449.9	1451.4	1436.4	1430.9	1431.6	1430.1	1427.7	1427.7	1439.6
25°	1403.9	1411.8	1418.2	1425.3	1416.6	1412.6	1417.4	1415.0	1411.1	1407.9	1418.2
27.5°	1335.8	1352.5	1365.9	1383.3	1384.1	1381.0	1393.6	1392.1	1391.3	1386.5	1394.4
30°	1241.6	1267.7	1285.9	1311.3	1332.7	1335.8	1357.2	1360.4	1363.5	1361.2	1369.1
32.5°	1127.6	1163.2	1194.1	1233.7	1254.3	1272.5	1302.6	1315.2	1327.9	1331.9	1340.6
35°	1003.3	1043.6	1080.1	1123.6	1156.1	1195.7	1232.1	1251.1	1279.6	1290.7	1303.4
37.5°	885.3	923.3	958.9	1002.5	1054.7	1095.9	1141.0	1183.8	1222.6	1238.4	1257.4
40°	780.8	811.6	845.7	883.7	931.2	985.0	1034.1	1093.5	1139.5	1171.1	1198.8
42.5°	701.6	716.6	745.9	780.0	818.0	872.6	922.5	989.0	1044.4	1089.6	1135.5
45°	631.1	638.2	659.6	677.8	716.6	764.9	818.0	882.9	940.7	998.5	1053.9
47.5°	570.9	579.6	589.9	601.0	628.7	669.1	715.0	773.6	831.4	898.7	962.1
50°	530.5	532.9	534.5	539.2	555.9	583.6	620.8	670.7	726.1	798.2	865.5
52.5°	494.9	494.9	490.1	487.8	494.1	511.5	532.9	568.5	625.6	692.1	763.3
55°	456.9	449.8	448.2	440.3	441.8	449.8	460.1	487.8	534.5	591.5	660.4
57.5°	403.8	400.7	400.7	397.5	391.2	395.1	397.5	417.3	450.6	499.7	559.8
60°	342.9	341.3	345.2	346.0	340.5	342.9	342.1	354.0	377.7	417.3	467.2
62.5°	281.9	289.0	289.8	293.0	289.8	289.0	293.0	303.3	315.2	345.2	384.0
65°	236.8	240.7	241.5	245.5	243.9	243.9	247.1	255.0	262.1	282.7	312.8
67.5°	207.5	205.9	206.7	209.0	206.7	205.9	208.3	213.0	218.5	231.2	252.6
70°	184.5	182.9	182.9	182.9	179.7	177.4	178.2	179.7	182.1	189.2	202.7
72.5°	167.1	167.1	164.7	162.3	160.0	158.4	156.8	155.2	154.4	156.8	163.9
75°	151.2	152.0	151.2	148.9	145.7	142.5	139.4	136.2	132.2	130.7	131.4
77.5°	137.0	137.8	138.6	137.8	134.6	130.7	125.9	121.2	115.6	110.1	106.9
80°	124.3	125.9	126.7	125.9	123.5	120.4	114.8	109.3	101.4	94.2	86.3
82.5°	113.2	115.6	116.4	116.4	114.8	111.6	105.3	99.0	90.3	80.8	70.5
85°	104.5	106.1	107.7	107.7	106.9	103.7	97.4	90.3	81.6	70.5	59.4
87.5°	95.8	96.6	98.2	99.8	98.2	95.0	89.5	81.6	72.8	61.8	49.1
90°	87.1	87.9	89.5	91.1	90.3	87.1	82.4	75.2	65.7	53.8	41.2
92.5°	78.4	80.0	80.8	81.6	82.4	80.0	76.0	68.9	59.4	47.5	35.6
95°	72.1	72.1	73.6	74.4	75.2	72.8	69.7	62.6	53.8	42.8	30.9
97.5°	65.7	65.7	67.3	67.3	68.1	66.5	63.3	57.0	48.3	38.0	26.1
100°	59.4	60.2	61.0	61.8	61.8	61.0	57.8	51.5	43.6	34.0	23.0
102.5°	55.4	55.4	56.2	56.2	57.0	55.4	52.3	46.7	38.8	30.1	19.8
105°	51.5	51.5	52.3	52.3	51.5	49.9	46.7	42.0	34.8	26.1	17.4
107.5°	48.3	48.3	48.3	48.3	47.5	45.9	42.8	37.2	30.9	23.8	15.8
110°	45.9	45.1	45.1	44.3	43.6	41.2	38.0	33.3	27.7	20.6	13.5



TEST NUMBER: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	43.6	42.8	42.0	41.2	39.6	37.2	34.0	30.1	24.5	18.2	11.9
115°	41.2	40.4	39.6	38.0	36.4	34.0	30.9	26.9	21.4	15.8	10.3
117.5°	38.8	38.0	36.4	34.8	33.3	30.9	27.7	23.8	19.0	14.3	9.5
120°	35.6	34.8	34.0	32.5	30.9	27.7	24.5	21.4	16.6	12.7	7.9
122.5°	33.3	32.5	30.9	30.1	27.7	25.3	22.2	19.0	15.0	11.1	7.1
125°	30.1	29.3	28.5	26.9	25.3	22.2	19.8	16.6	13.5	9.5	5.5
127.5°	27.7	26.9	25.3	23.8	22.2	19.8	17.4	15.0	11.9	7.9	5.5
130°	24.5	23.8	23.0	21.4	19.8	17.4	15.8	12.7	10.3	7.1	4.8
132.5°	21.4	21.4	20.6	19.0	17.4	15.8	13.5	11.1	8.7	6.3	4.0
135°	19.8	19.0	18.2	16.6	15.8	13.5	11.9	9.5	7.1	5.5	3.2
137.5°	17.4	16.6	15.8	15.0	13.5	11.9	10.3	7.9	6.3	4.8	3.2
140°	15.0	14.3	14.3	12.7	11.9	10.3	8.7	7.1	5.5	4.0	2.4
142.5°	13.5	12.7	11.9	11.1	10.3	8.7	7.1	5.5	4.8	3.2	2.4
145°	11.9	11.1	10.3	9.5	8.7	7.1	6.3	4.8	4.0	3.2	2.4
147.5°	9.5	9.5	8.7	7.9	7.1	6.3	5.5	4.8	3.2	2.4	1.6
150°	7.9	7.9	7.1	6.3	6.3	5.5	4.8	4.0	3.2	2.4	1.6
152.5°	7.1	6.3	6.3	5.5	5.5	4.8	4.0	3.2	2.4	2.4	1.6
155°	5.5	5.5	5.5	4.8	4.8	4.0	3.2	3.2	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: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1535.4	1525.9	1533.8	1548.0	1546.5	1544.9	1543.3	1546.5	1556.8	1551.2	1542.5
5°	1533.0	1523.5	1532.2	1545.7	1544.9	1542.5	1540.9	1544.1	1554.4	1548.8	1539.3
7.5°	1528.2	1519.5	1525.9	1539.3	1539.3	1537.8	1536.2	1539.3	1548.8	1544.1	1534.6
10°	1520.3	1514.0	1520.3	1533.0	1533.8	1530.6	1529.0	1533.0	1542.5	1540.1	1532.2
12.5°	1514.0	1507.7	1514.8	1527.5	1528.2	1525.1	1522.7	1527.5	1540.1	1541.7	1539.3
15°	1505.3	1499.7	1508.5	1521.9	1521.9	1519.5	1519.5	1525.9	1543.3	1550.4	1554.4
17.5°	1492.6	1488.7	1499.0	1512.4	1513.2	1511.6	1512.4	1525.1	1548.0	1565.5	1576.6
20°	1476.8	1475.2	1486.3	1500.5	1502.9	1503.7	1507.7	1526.7	1558.3	1582.1	1593.2
22.5°	1457.8	1458.6	1471.2	1486.3	1489.4	1491.8	1499.7	1526.7	1566.3	1591.6	1596.3
25°	1436.4	1438.8	1452.2	1470.4	1474.4	1479.2	1492.6	1527.5	1568.6	1585.3	1577.3
27.5°	1413.4	1418.2	1435.6	1454.6	1459.4	1467.3	1484.7	1522.7	1557.5	1558.3	1529.0
30°	1389.7	1395.2	1415.8	1438.0	1445.9	1453.8	1475.2	1511.6	1530.6	1505.3	1453.8
32.5°	1362.8	1370.7	1391.3	1418.2	1427.7	1438.0	1459.4	1490.2	1483.1	1428.5	1354.8
35°	1328.7	1339.8	1363.5	1395.2	1403.9	1417.4	1432.4	1439.6	1407.9	1330.3	1247.1
37.5°	1286.7	1303.4	1331.1	1367.5	1377.0	1385.7	1389.7	1369.9	1306.5	1222.6	1136.3
40°	1238.4	1263.8	1293.9	1334.2	1343.8	1343.8	1329.5	1287.5	1207.6	1097.5	1001.7
42.5°	1179.8	1210.7	1248.7	1289.1	1298.6	1287.5	1253.5	1179.8	1088.8	966.0	864.7
45°	1108.6	1149.8	1192.5	1234.5	1239.2	1214.7	1153.7	1060.3	947.8	833.8	737.2
47.5°	1023.8	1077.7	1124.4	1171.9	1165.6	1124.4	1042.9	936.7	818.0	710.3	632.7
50°	928.8	992.2	1044.4	1089.6	1076.1	1019.1	923.3	812.4	694.4	602.6	538.5
52.5°	827.5	900.3	952.6	989.0	970.8	902.7	797.4	691.3	594.7	510.7	468.0
55°	722.2	795.8	849.6	878.1	854.4	780.8	677.0	580.4	489.4	434.7	409.4
57.5°	620.0	688.9	739.6	762.5	732.5	658.8	563.0	481.4	415.7	369.8	357.1
60°	521.8	578.0	626.3	643.8	611.3	543.2	460.9	395.9	347.6	315.9	309.6
62.5°	430.8	476.7	514.7	528.2	496.5	443.4	372.2	323.9	289.8	274.0	266.1
65°	355.5	382.5	421.3	418.9	399.9	350.8	298.5	264.5	242.3	232.0	227.3
67.5°	279.5	304.1	328.6	331.8	308.0	274.0	239.9	215.4	203.5	198.0	195.6
70°	216.2	234.4	249.4	245.5	232.8	211.4	190.0	176.6	171.8	169.5	169.5
72.5°	167.9	177.4	184.5	179.7	171.8	160.7	150.4	144.9	145.7	147.3	148.9
75°	129.9	132.2	133.8	129.1	127.5	120.4	119.6	120.4	125.1	129.9	132.2
77.5°	99.8	96.6	94.2	89.5	90.3	89.5	93.4	99.8	106.9	114.0	120.4
80°	76.8	69.7	64.1	59.4	61.8	65.7	73.6	83.1	92.6	100.6	108.5
82.5°	59.4	49.1	41.2	36.4	41.2	47.5	57.8	69.7	80.8	89.5	98.2
85°	45.9	34.0	24.5	19.8	24.5	34.0	45.1	58.6	70.5	80.0	88.7
87.5°	35.6	24.5	13.5	7.9	13.5	23.8	36.4	49.1	61.0	72.1	80.8
90°	28.5	16.6	6.3	1.6	7.1	16.6	28.5	41.2	53.1	64.9	73.6
92.5°	23.0	11.9	3.2	0.0	4.0	12.7	23.8	35.6	47.5	58.6	67.3
95°	19.0	9.5	2.4	0.0	3.2	9.5	19.0	30.9	42.0	53.1	60.2
97.5°	15.8	7.1	1.6	0.0	1.6	7.9	15.8	26.1	37.2	47.5	54.6
100°	13.5	6.3	1.6	0.0	1.6	6.3	13.5	23.0	32.5	42.0	49.1
102.5°	11.1	4.8	0.8	0.8	0.8	4.8	11.9	19.8	28.5	37.2	44.3
105°	10.3	4.0	0.8	0.8	0.8	4.0	10.3	17.4	25.3	33.3	39.6
107.5°	8.7	3.2	0.8	0.8	0.8	3.2	8.7	15.0	23.0	30.1	35.6
110°	7.1	3.2	0.8	0.8	0.8	3.2	7.1	13.5	19.8	26.1	31.7



TEST NUMBER: P290190

CATALOG NUMBER: 4SSRK-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	11.9	17.4	23.8	28.5
115°	5.5	2.4	0.8	0.8	0.8	2.4	5.5	10.3	15.0	20.6	25.3
117.5°	4.8	2.4	0.8	0.8	0.8	1.6	4.8	8.7	13.5	18.2	23.0
120°	4.0	1.6	0.8	0.8	0.8	1.6	4.0	7.9	11.9	15.8	19.8
122.5°	4.0	1.6	0.8	0.8	0.8	1.6	3.2	6.3	10.3	13.5	17.4
125°	3.2	1.6	0.8	0.8	0.8	0.8	3.2	5.5	8.7	11.9	15.0
127.5°	3.2	1.6	0.8	0.8	0.8	0.8	2.4	4.8	7.1	10.3	13.5
130°	2.4	1.6	0.8	0.8	0.8	0.8	1.6	4.0	6.3	8.7	11.1
132.5°	2.4	1.6	0.8	0.8	0.8	0.8	1.6	3.2	4.8	7.1	9.5
135°	2.4	0.8	0.8	0.8	0.8	0.8	0.8	2.4	4.0	5.5	7.1
137.5°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	1.6	3.2	4.0	6.3
140°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.2	4.8
142.5°	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	4.0
145°	1.6	0.8	0.8	1.6	1.6	0.8	0.8	1.6	1.6	2.4	3.2
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: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1540.9	1522.7	1532.2	1529.0	1532.2	1540.1	1539.3	1537.0	1538.5	1534.6	1530.6
5°	1537.8	1519.5	1529.0	1525.1	1529.0	1537.0	1535.4	1533.0	1535.4	1530.6	1526.7
7.5°	1533.8	1517.2	1528.2	1527.5	1534.6	1544.9	1545.7	1545.7	1551.2	1544.1	1540.9
10°	1533.8	1525.1	1540.1	1545.7	1563.9	1577.3	1578.9	1582.1	1591.6	1590.0	1582.1
12.5°	1550.4	1548.8	1571.0	1584.5	1601.1	1620.1	1630.4	1633.6	1639.9	1635.1	1632.0
15°	1571.8	1579.7	1604.3	1619.3	1637.5	1651.8	1654.2	1655.7	1660.5	1653.4	1647.8
17.5°	1600.3	1605.1	1624.9	1631.2	1643.1	1645.4	1642.3	1634.4	1634.4	1618.5	1613.8
20°	1613.8	1611.4	1619.3	1609.0	1604.3	1590.0	1576.6	1561.5	1560.7	1544.1	1542.5
22.5°	1601.9	1586.1	1569.4	1544.1	1533.0	1512.4	1494.2	1485.5	1479.9	1458.6	1453.0
25°	1559.9	1521.1	1496.6	1466.5	1439.6	1415.8	1398.4	1380.2	1362.8	1345.3	1337.4
27.5°	1487.1	1450.6	1411.1	1369.1	1331.9	1295.4	1266.2	1247.9	1231.3	1208.3	1196.5
30°	1397.6	1346.9	1303.4	1263.0	1202.0	1157.7	1133.1	1096.7	1084.0	1073.7	1051.6
32.5°	1292.3	1231.3	1171.9	1117.3	1054.7	1013.6	981.1	954.2	946.2	919.3	913.0
35°	1175.9	1095.9	1028.6	974.8	929.6	879.7	852.8	834.6	818.8	800.5	797.4
37.5°	1038.9	966.8	890.8	843.3	807.7	764.9	744.3	731.7	724.5	711.1	708.7
40°	901.1	829.1	776.8	729.3	707.1	684.1	669.1	663.6	660.4	655.6	650.9
42.5°	776.0	712.7	675.4	643.8	634.3	623.2	619.2	622.4	619.2	617.6	616.8
45°	669.9	621.6	595.5	586.0	583.6	580.4	583.6	589.1	589.9	588.3	588.3
47.5°	573.3	550.3	539.2	540.8	544.8	547.2	552.7	559.8	561.4	557.5	559.0
50°	509.9	496.5	494.1	500.4	509.2	512.3	518.7	524.2	523.4	521.8	520.2
52.5°	450.6	446.6	452.9	459.3	468.8	470.4	472.7	475.1	474.3	471.1	469.6
55°	400.7	403.8	409.4	411.8	418.9	418.1	418.9	418.9	415.7	414.1	411.8
57.5°	355.5	356.3	359.5	360.3	364.2	362.7	361.9	360.3	355.5	354.7	352.4
60°	309.6	308.0	315.2	309.6	312.8	309.6	308.8	304.9	300.1	299.3	297.7
62.5°	266.1	262.9	267.6	265.3	266.8	263.7	262.1	257.3	253.4	252.6	251.8
65°	227.3	225.7	230.4	229.6	231.2	227.3	225.7	222.5	219.3	218.5	217.8
67.5°	194.8	198.8	201.1	201.1	202.7	201.9	198.0	197.2	196.4	193.2	193.2
70°	171.0	173.4	178.2	179.0	178.2	179.7	176.6	175.8	175.0	173.4	172.6
72.5°	152.0	155.2	160.0	160.7	160.0	160.0	158.4	157.6	157.6	155.2	155.2
75°	137.0	140.9	144.9	144.9	144.9	143.3	141.7	141.7	140.2	139.4	137.8
77.5°	124.3	129.1	132.2	131.4	130.7	129.1	129.1	126.7	124.3	124.3	122.7
80°	114.8	118.0	120.4	119.6	118.8	116.4	115.6	113.2	111.6	109.3	109.3
82.5°	104.5	108.5	110.1	109.3	107.7	105.3	104.5	102.9	101.4	100.6	99.0
85°	95.8	99.8	100.6	99.0	97.4	95.8	95.0	94.2	93.4	91.9	91.9
87.5°	87.1	91.1	91.1	90.3	88.7	87.9	87.1	86.3	85.5	84.7	83.9
90°	80.0	83.1	83.1	82.4	81.6	80.8	80.0	79.2	78.4	77.6	77.6
92.5°	72.8	76.0	76.0	75.2	74.4	73.6	73.6	72.8	72.1	71.3	70.5
95°	66.5	69.7	69.7	69.7	68.9	68.1	68.1	67.3	66.5	66.5	65.7
97.5°	60.2	63.3	63.3	63.3	62.6	61.8	61.8	61.0	61.0	61.0	60.2
100°	54.6	57.0	57.8	57.8	57.0	57.0	57.0	56.2	56.2	56.2	55.4
102.5°	49.1	51.5	53.1	53.1	53.1	52.3	52.3	52.3	52.3	52.3	51.5
105°	44.3	46.7	48.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
107.5°	40.4	42.8	44.3	45.1	45.9	45.9	46.7	46.7	46.7	46.7	46.7
110°	36.4	38.8	41.2	42.0	42.8	43.6	43.6	44.3	43.6	43.6	43.6



TEST NUMBER: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	32.5	35.6	37.2	38.8	39.6	40.4	41.2	41.2	41.2	41.2	41.2
115°	29.3	32.5	34.0	35.6	37.2	38.0	38.0	38.8	38.8	38.8	38.0
117.5°	26.1	29.3	30.9	32.5	33.3	34.8	35.6	35.6	35.6	35.6	34.8
120°	23.8	26.1	27.7	29.3	30.9	31.7	32.5	32.5	32.5	32.5	32.5
122.5°	20.6	23.0	25.3	26.9	27.7	28.5	29.3	29.3	29.3	29.3	29.3
125°	18.2	20.6	22.2	23.8	24.5	26.1	26.1	26.1	26.1	26.1	26.1
127.5°	15.8	18.2	19.8	21.4	22.2	23.0	23.8	23.8	23.8	23.8	23.8
130°	13.5	15.8	17.4	19.0	19.8	20.6	20.6	21.4	21.4	21.4	21.4
132.5°	11.9	13.5	15.0	16.6	17.4	18.2	18.2	19.0	19.0	19.0	19.0
135°	9.5	11.9	12.7	14.3	15.0	15.8	15.8	16.6	16.6	16.6	16.6
137.5°	7.9	9.5	11.1	12.7	13.5	13.5	14.3	14.3	15.0	15.0	15.0
140°	6.3	7.1	9.5	10.3	11.1	11.9	12.7	12.7	12.7	12.7	12.7
142.5°	4.8	6.3	7.1	8.7	9.5	10.3	11.1	11.1	11.1	11.1	11.1
145°	4.0	4.8	5.5	7.1	7.9	8.7	9.5	9.5	9.5	9.5	9.5
147.5°	3.2	4.0	4.8	5.5	6.3	7.1	7.9	7.9	7.9	7.9	7.9
150°	2.4	3.2	4.0	4.0	4.8	5.5	6.3	7.1	7.1	7.1	7.1
152.5°	2.4	2.4	3.2	3.2	4.0	4.8	5.5	5.5	5.5	5.5	5.5
155°	1.6	2.4	2.4	2.4	3.2	3.2	4.0	4.8	4.8	4.8	4.8
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: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1533.0	1536.2	1534.6	1532.2	1531.4	1535.4	1531.4	1513.2	1520.3	1521.1	1526.7
5°	1530.6	1533.0	1531.4	1529.8	1527.5	1532.2	1527.5	1508.5	1515.6	1516.4	1521.9
7.5°	1546.5	1547.3	1547.3	1543.3	1537.0	1539.3	1533.0	1511.6	1515.6	1515.6	1519.5
10°	1586.1	1587.6	1590.0	1579.7	1571.8	1565.5	1556.8	1530.6	1529.8	1523.5	1523.5
12.5°	1637.5	1633.6	1629.6	1624.9	1618.5	1610.6	1597.9	1567.0	1556.8	1546.5	1536.2
15°	1652.6	1651.0	1650.2	1647.8	1643.9	1641.5	1632.0	1601.1	1586.1	1573.4	1555.2
17.5°	1613.0	1616.1	1626.4	1627.2	1632.0	1641.5	1639.9	1618.5	1605.1	1599.5	1577.3
20°	1541.7	1542.5	1555.2	1560.7	1581.3	1597.1	1609.0	1606.6	1603.5	1609.8	1593.2
22.5°	1456.2	1461.7	1475.2	1483.9	1503.7	1521.9	1540.9	1551.2	1567.8	1594.0	1590.8
25°	1339.8	1346.9	1365.9	1380.2	1407.9	1435.6	1460.9	1479.2	1499.0	1548.8	1565.5
27.5°	1200.4	1211.5	1236.1	1250.3	1289.1	1317.6	1354.0	1389.7	1417.4	1474.4	1508.5
30°	1053.9	1063.4	1089.6	1109.4	1142.6	1181.4	1227.4	1278.0	1324.0	1381.8	1424.5
32.5°	916.9	927.2	948.6	966.0	1003.3	1035.7	1086.4	1149.0	1191.7	1271.7	1328.7
35°	797.4	806.9	821.9	837.0	867.9	901.1	944.7	1005.6	1060.3	1143.4	1215.5
37.5°	713.4	715.0	723.7	732.5	755.4	780.8	814.8	868.6	919.3	1008.8	1088.0
40°	653.3	653.3	658.0	660.4	670.7	685.7	707.1	749.1	791.0	859.1	955.7
42.5°	616.1	614.5	614.5	615.3	614.5	621.6	634.3	654.1	691.3	747.5	822.7
45°	588.3	585.2	582.8	577.3	574.1	574.1	574.9	582.0	603.4	639.8	700.8
47.5°	557.5	556.7	552.7	546.4	540.8	536.9	530.5	528.2	534.5	555.1	596.3
50°	521.8	517.9	513.9	509.2	502.8	498.9	487.0	487.8	482.2	491.7	513.1
52.5°	469.6	466.4	464.8	460.9	458.5	456.9	447.4	437.9	435.5	437.1	445.0
55°	411.8	413.3	407.0	410.2	409.4	402.3	398.3	391.2	388.8	388.0	392.0
57.5°	351.6	353.2	349.2	352.4	352.4	348.4	346.0	346.0	340.5	335.7	341.3
60°	296.9	293.8	296.1	300.1	300.1	297.7	296.1	296.1	292.2	290.6	294.6
62.5°	252.6	249.4	251.8	255.8	256.6	255.0	253.4	253.4	248.6	248.6	251.8
65°	218.5	219.3	218.5	221.7	221.7	222.5	220.9	219.3	213.8	216.2	215.4
67.5°	194.0	193.2	193.2	196.4	195.6	197.2	195.6	193.2	189.2	186.1	185.3
70°	173.4	172.6	172.6	174.2	175.0	175.0	174.2	172.6	167.1	163.9	161.5
72.5°	155.2	154.4	155.2	156.0	156.8	157.6	156.8	155.2	150.4	146.5	142.5
75°	138.6	137.8	140.2	140.2	140.9	140.9	141.7	140.9	137.0	132.2	127.5
77.5°	121.9	122.7	125.1	125.9	127.5	128.3	129.1	129.1	125.1	121.2	114.8
80°	108.5	110.1	111.6	112.4	114.0	116.4	117.2	118.0	114.8	110.9	103.7
82.5°	99.0	99.8	101.4	102.1	104.5	105.3	106.1	107.7	106.1	102.1	94.2
85°	91.1	91.9	93.4	93.4	95.0	96.6	97.4	98.2	97.4	93.4	85.5
87.5°	83.9	84.7	85.5	86.3	87.1	87.9	88.7	89.5	88.7	84.7	77.6
90°	77.6	77.6	78.4	78.4	79.2	80.0	81.6	81.6	80.8	77.6	70.5
92.5°	70.5	71.3	71.3	72.1	72.8	73.6	74.4	74.4	73.6	70.5	64.1
95°	65.7	65.7	66.5	66.5	67.3	67.3	68.1	68.1	67.3	64.1	57.8
97.5°	60.2	60.2	60.2	60.2	61.0	61.0	61.8	61.8	61.0	57.8	52.3
100°	55.4	55.4	55.4	55.4	55.4	56.2	56.2	56.2	55.4	52.3	46.7
102.5°	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	49.9	47.5	42.0
105°	49.1	49.1	49.1	48.3	48.3	48.3	47.5	47.5	45.1	42.8	38.0
107.5°	45.9	45.9	45.9	45.1	45.1	44.3	43.6	43.6	41.2	38.8	34.0
110°	43.6	43.6	43.6	42.8	42.0	41.2	40.4	39.6	37.2	34.0	30.1



TEST NUMBER: P290190

CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	41.2	41.2	40.4	40.4	39.6	38.8	37.2	36.4	34.0	30.9	26.9
115°	38.0	38.0	38.0	37.2	36.4	35.6	34.8	33.3	30.9	27.7	23.8
117.5°	34.8	34.8	34.8	34.0	33.3	32.5	31.7	30.1	27.7	24.5	21.4
120°	31.7	31.7	31.7	30.9	30.1	29.3	28.5	26.9	24.5	22.2	18.2
122.5°	29.3	29.3	28.5	27.7	26.9	26.1	25.3	23.8	22.2	19.0	15.8
125°	26.1	26.1	25.3	25.3	24.5	23.8	23.0	21.4	19.0	16.6	14.3
127.5°	23.8	23.0	23.0	23.0	22.2	21.4	19.8	19.0	16.6	14.3	11.9
130°	20.6	20.6	20.6	19.8	19.8	19.0	17.4	15.8	14.3	12.7	10.3
132.5°	18.2	18.2	18.2	18.2	17.4	16.6	15.0	14.3	12.7	10.3	8.7
135°	16.6	16.6	15.8	15.8	15.0	14.3	13.5	11.9	10.3	8.7	7.1
137.5°	14.3	14.3	14.3	13.5	13.5	12.7	11.1	10.3	9.5	7.9	6.3
140°	12.7	12.7	11.9	11.9	11.1	11.1	10.3	8.7	7.9	6.3	5.5
142.5°	11.1	11.1	10.3	10.3	9.5	9.5	8.7	7.9	6.3	5.5	4.0
145°	9.5	9.5	8.7	8.7	8.7	7.9	7.1	6.3	5.5	4.8	4.0
147.5°	7.9	7.9	7.9	7.1	7.1	6.3	6.3	5.5	4.8	4.0	3.2
150°	7.1	7.1	6.3	6.3	6.3	5.5	4.8	4.8	4.0	3.2	2.4
152.5°	5.5	5.5	5.5	5.5	4.8	4.8	4.0	4.0	3.2	2.4	2.4
155°	4.8	4.8	4.8	4.0	4.0	4.0	3.2	3.2	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



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CATALOG NUMBER: 4SSRK-LC-40-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0	1533.0
2.5°	1524.3	1523.5	1530.6	1529.8	1520.3	1534.6	1544.1
5°	1520.3	1519.5	1525.9	1527.5	1517.2	1532.2	1542.5
7.5°	1517.2	1516.4	1523.5	1525.9	1515.6	1529.0	1540.1
10°	1518.0	1514.0	1520.3	1521.9	1512.4	1526.7	1536.2
12.5°	1523.5	1514.0	1516.4	1516.4	1507.7	1520.3	1530.6
15°	1537.0	1517.2	1514.0	1511.6	1500.5	1512.4	1522.7
17.5°	1552.0	1525.1	1514.0	1506.1	1492.6	1502.9	1514.0
20°	1567.0	1533.8	1515.6	1502.9	1484.7	1494.2	1502.1
22.5°	1574.2	1541.7	1517.2	1498.2	1475.2	1479.9	1488.7
25°	1564.7	1538.5	1514.0	1491.0	1463.3	1464.1	1471.2
27.5°	1529.8	1522.7	1506.9	1483.9	1453.8	1449.9	1455.4
30°	1470.4	1490.2	1491.0	1474.4	1442.7	1434.8	1437.2
32.5°	1387.3	1431.6	1457.8	1454.6	1426.9	1415.8	1417.4
35°	1291.5	1346.9	1403.9	1422.9	1403.1	1394.4	1391.3
37.5°	1176.7	1251.1	1327.1	1373.8	1370.7	1365.1	1362.0
40°	1050.0	1139.5	1229.7	1304.2	1327.1	1327.1	1328.7
42.5°	914.6	1019.1	1118.1	1212.3	1266.2	1278.0	1282.8
45°	783.9	889.2	996.9	1105.4	1177.5	1214.7	1228.1
47.5°	665.1	771.3	873.4	992.2	1088.0	1136.3	1157.7
50°	563.8	643.0	750.7	868.6	973.2	1032.6	1074.5
52.5°	479.9	541.6	635.8	745.9	851.2	932.8	971.6
55°	409.4	451.3	531.3	626.3	726.9	811.6	856.8
57.5°	350.0	383.3	437.9	517.1	601.8	685.7	734.0
60°	297.7	320.7	357.9	420.5	492.5	564.6	611.3
62.5°	252.6	267.6	292.2	338.1	394.3	450.6	494.1
65°	217.8	224.1	237.6	266.1	308.8	351.6	388.8
67.5°	183.7	187.7	198.0	215.4	236.8	267.6	292.2
70°	158.4	158.4	159.2	169.5	180.5	200.3	217.8
72.5°	137.8	135.4	130.7	133.0	135.4	146.5	157.6
75°	121.2	115.6	107.7	104.5	102.9	104.5	110.9
77.5°	106.9	99.0	89.5	81.6	75.2	72.8	78.4
80°	95.0	85.5	74.4	64.1	53.8	48.3	50.7
82.5°	85.5	73.6	61.8	49.9	38.0	30.1	30.1
85°	75.2	64.1	51.5	38.8	26.9	16.6	15.0
87.5°	68.1	56.2	42.8	30.9	19.0	8.7	4.8
90°	61.0	49.1	36.4	24.5	13.5	4.0	0.0
92.5°	54.6	43.6	31.7	19.8	9.5	2.4	0.0
95°	49.1	38.8	26.9	16.6	7.9	1.6	0.8
97.5°	43.6	34.0	23.8	13.5	5.5	1.6	0.8
100°	39.6	30.1	20.6	11.1	4.8	0.8	0.8
102.5°	34.8	26.9	17.4	9.5	4.0	0.8	0.8
105°	30.9	23.8	15.0	7.9	3.2	0.8	0.8
107.5°	27.7	20.6	13.5	7.1	3.2	0.8	0.8
110°	24.5	18.2	11.9	6.3	2.4	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	22.2	15.8	10.3	5.5	1.6	0.8	0.8
115°	19.0	14.3	8.7	4.8	1.6	0.8	0.8
117.5°	16.6	11.9	7.9	4.0	1.6	0.8	0.8
120°	14.3	10.3	6.3	3.2	0.8	0.8	0.8
122.5°	12.7	8.7	5.5	3.2	0.8	0.8	0.8
125°	11.1	7.9	4.8	2.4	0.8	0.8	0.8
127.5°	9.5	6.3	4.0	1.6	0.8	0.8	0.8
130°	7.9	5.5	3.2	1.6	0.8	0.8	0.8
132.5°	6.3	4.8	3.2	1.6	0.8	0.8	0.8
135°	5.5	4.0	2.4	1.6	0.8	0.8	0.8
137.5°	4.8	3.2	1.6	1.6	1.6	0.8	0.8
140°	4.0	2.4	1.6	1.6	1.6	1.6	0.8
142.5°	3.2	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)