

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: P290189

Luminaire Tested: **4SSRK-LC-40-L935-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: P290189
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-L935-CD1-U
Description: 4000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3568.1 lumens
Efficiency: N/A
Efficacy: 128.8 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')
CIE Type: Direct

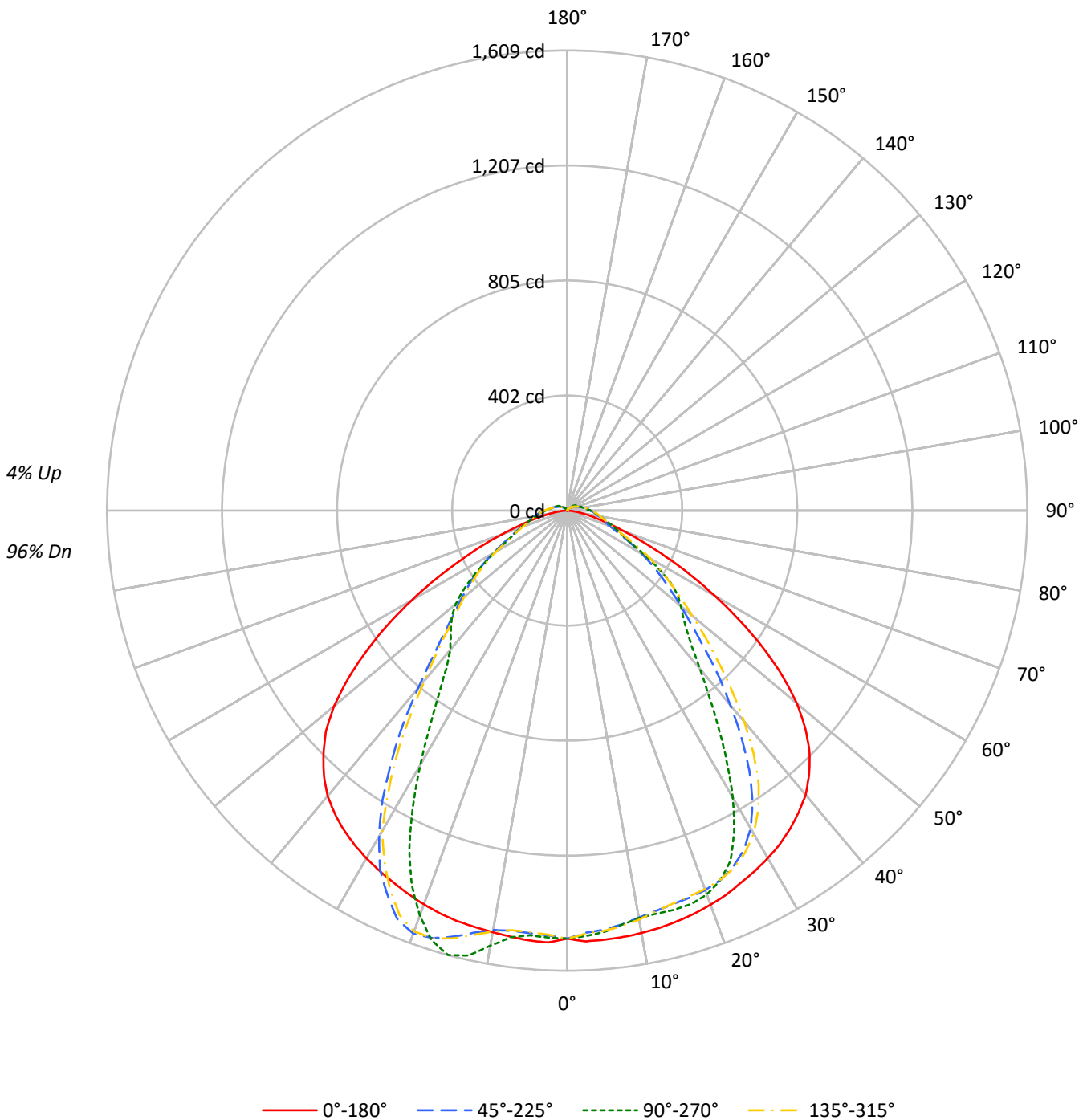
Input Watts (W): 27.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96								
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°	96661	96661	96661	96661
5°	97279	71027	97479	71584
10°	97638	55627	97437	59403
15°	98305	46630	98252	51920
20°	99290	39982	99182	42146
25°	100406	33610	100357	32476
30°	102184	26115	102242	23136
35°	104062	19084	104353	16149
40°	105677	13959	106117	12299
45°	105138	10776	105682	10493
50°	100420	9051	101827	8849
55°	88897	7417	91119	6743
60°	71897	5165	75716	4736
65°	53251	3577	57375	3392
70°	36021	2777	40613	2654
75°	23366	2229	27210	2107
80°	14891	1822	17448	1675
85°	7379	1558	9688	1423



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.2	4.0
10°-20°	423.0	11.9
20°-30°	643.1	18.0
30°-40°	689.9	19.3
40°-50°	598.8	16.8
50°-60°	443.7	12.4
60°-70°	254.2	7.1
70°-80°	140.8	3.9
80°-90°	85.7	2.4
90°-100°	55.7	1.6
100°-110°	37.3	1.0
110°-120°	25.2	0.7
120°-130°	15.5	0.4
130°-140°	8.1	0.2
140°-150°	3.7	0.1
150°-160°	1.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1208.3	33.9
0°-40°	1898.2	53.2
0°-60°	2940.7	82.4
0°-90°	3421.4	95.9
90°-120°	118.3	3.3
90°-150°	145.6	4.1
90°-180°	147.0	4.1
0°-180°	3568.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1497	1497	1497	1497	1497	
5°	1506	1479	1509	1491	1506	144
15°	1487	1445	1486	1609	1487	421
25°	1436	1351	1436	1306	1436	664
35°	1358	920	1362	778	1358	850
45°	1199	590	1205	574	1199	918
55°	836	442	857	402	836	742
65°	380	224	409	213	380	383
75°	108	142	126	134	108	124
85°	15	98	19	90	15	19
90°	0	82	2	76	0	1
95°	1	67	0	64	1	1
105°	1	50	1	48	1	1
115°	1	41	1	37	1	1
125°	1	31	1	26	1	1
135°	1	19	1	16	1	1
145°	1	12	2	9	1	1
155°	2	5	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°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1507.6	1503.7	1502.2	1499.1	1501.4	1510.7	1504.5	1494.4	1495.2	1477.4	1486.7
5°	1506.0	1501.4	1499.1	1496.0	1497.5	1506.0	1499.8	1489.8	1489.0	1471.2	1479.7
7.5°	1503.7	1499.1	1495.2	1492.9	1493.7	1500.6	1492.9	1481.3	1479.0	1459.6	1467.4
10°	1499.8	1496.7	1491.3	1487.5	1486.7	1494.4	1482.1	1470.5	1465.0	1444.9	1452.7
12.5°	1494.4	1489.8	1484.4	1477.4	1476.6	1481.3	1471.2	1455.0	1449.6	1433.4	1441.9
15°	1486.7	1481.3	1475.1	1467.4	1463.5	1466.6	1454.2	1439.5	1438.8	1424.8	1436.4
17.5°	1478.2	1470.5	1463.5	1452.7	1447.3	1449.6	1439.5	1426.4	1427.9	1419.4	1432.6
20°	1466.6	1458.1	1447.3	1436.4	1428.7	1432.6	1425.6	1415.6	1417.9	1411.7	1423.3
22.5°	1453.5	1441.9	1428.7	1416.3	1410.2	1415.6	1410.2	1401.7	1402.4	1398.6	1405.5
25°	1436.4	1423.3	1407.8	1392.4	1389.3	1393.1	1390.1	1383.1	1380.0	1373.8	1376.9
27.5°	1421.0	1406.3	1387.0	1370.7	1365.3	1373.0	1366.1	1354.5	1346.0	1337.5	1331.3
30°	1403.2	1385.4	1363.8	1345.2	1340.6	1343.7	1333.6	1315.8	1293.4	1282.6	1265.6
32.5°	1383.9	1360.7	1333.6	1312.7	1309.7	1307.3	1288.8	1263.3	1228.5	1206.8	1180.5
35°	1358.4	1332.8	1300.4	1274.9	1270.2	1257.1	1226.9	1192.9	1148.1	1111.0	1066.1
37.5°	1329.8	1299.6	1265.6	1231.6	1218.4	1192.1	1149.6	1114.1	1046.0	1001.2	947.1
40°	1297.3	1260.9	1219.2	1178.2	1156.6	1114.1	1065.3	1012.8	947.1	886.8	841.1
42.5°	1252.4	1213.8	1164.3	1118.7	1081.6	1025.1	967.9	893.7	833.4	782.4	736.0
45°	1199.1	1152.7	1095.5	1040.6	993.5	926.2	858.9	784.7	734.5	674.9	643.2
47.5°	1130.3	1080.0	1019.0	957.9	896.0	821.8	751.5	680.3	630.1	587.6	564.4
50°	1049.1	1002.7	935.5	862.8	794.8	717.4	647.1	593.8	545.0	518.8	501.0
52.5°	948.6	905.3	836.5	757.7	691.9	616.2	552.0	508.7	473.9	454.6	448.4
55°	836.5	798.6	730.6	657.1	589.9	520.3	471.6	433.7	411.3	399.7	400.5
57.5°	716.7	687.3	623.1	557.4	494.0	441.4	397.4	367.2	350.2	349.4	351.8
60°	596.8	575.2	519.5	463.1	407.4	364.9	332.4	311.6	300.7	301.5	300.7
62.5°	482.4	462.3	422.1	375.7	331.7	303.1	273.7	265.2	255.9	255.1	255.1
65°	379.6	364.1	331.7	298.4	265.2	246.6	231.9	221.9	214.9	213.4	214.2
67.5°	285.3	279.1	256.7	234.3	213.4	201.8	189.4	187.1	181.7	181.7	183.2
70°	212.6	208.0	195.6	182.5	174.0	166.2	160.0	160.0	159.3	158.5	162.4
72.5°	153.8	154.6	150.8	140.7	139.9	138.4	136.8	139.2	139.9	142.3	146.9
75°	108.2	110.6	110.6	109.0	112.1	116.0	118.3	122.2	126.8	129.9	135.3
77.5°	76.5	76.5	80.4	85.0	91.2	98.2	104.4	109.8	116.0	119.8	124.5
80°	49.5	51.8	58.0	66.5	75.0	84.3	92.8	99.7	105.9	112.1	115.2
82.5°	29.4	33.2	41.0	51.8	62.6	74.2	82.7	91.2	98.2	104.4	106.7
85°	14.7	20.1	29.4	41.0	52.6	64.9	75.8	83.5	91.2	96.6	99.7
87.5°	4.6	10.8	20.9	31.7	44.1	56.4	68.0	76.5	83.5	88.1	91.2
90°	0.0	5.4	14.7	26.3	37.9	50.3	61.1	70.4	77.3	81.2	83.5
92.5°	0.0	3.1	11.6	21.6	32.5	44.8	55.7	64.2	70.4	74.2	75.8
95°	0.8	2.3	8.5	17.8	28.6	40.2	50.3	58.0	64.2	68.0	68.8
97.5°	0.8	1.5	7.0	14.7	24.7	35.6	45.6	53.3	58.0	61.8	62.6
100°	0.8	1.5	5.4	13.1	21.6	31.7	41.0	47.9	53.3	56.4	57.2
102.5°	0.8	0.8	4.6	10.8	19.3	27.8	36.3	43.3	47.9	51.0	52.6
105°	0.8	0.8	3.9	9.3	17.0	24.7	32.5	39.4	43.3	46.4	47.9
107.5°	0.8	0.8	3.1	7.7	14.7	21.6	29.4	34.8	39.4	42.5	44.1
110°	0.8	0.8	2.3	7.0	12.4	19.3	25.5	30.9	35.6	38.7	40.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.8	0.8	2.3	6.2	10.8	17.0	22.4	27.8	31.7	34.8	37.1
115°	0.8	0.8	2.3	5.4	10.1	14.7	20.1	24.7	28.6	31.7	34.0
117.5°	0.8	0.8	2.3	4.6	8.5	13.1	17.8	22.4	25.5	28.6	30.9
120°	0.8	0.8	1.5	3.9	7.7	11.6	15.5	19.3	23.2	26.3	28.6
122.5°	0.8	0.8	1.5	3.9	6.2	10.1	13.9	17.0	20.9	23.2	25.5
125°	0.8	0.8	1.5	3.1	5.4	9.3	12.4	15.5	17.8	20.9	23.2
127.5°	0.8	0.8	1.5	3.1	4.6	7.7	10.8	13.9	16.2	18.6	20.1
130°	0.8	0.8	1.5	2.3	3.9	6.2	9.3	11.6	14.7	16.2	17.8
132.5°	0.8	0.8	0.8	2.3	3.1	4.6	7.0	10.1	12.4	14.7	15.5
135°	0.8	0.8	0.8	1.5	3.1	3.9	5.4	7.7	10.1	12.4	13.9
137.5°	0.8	0.8	0.8	1.5	2.3	3.9	4.6	6.2	8.5	10.1	12.4
140°	0.8	0.8	0.8	1.5	2.3	3.1	3.9	5.4	7.0	8.5	10.1
142.5°	0.8	0.8	0.8	1.5	1.5	2.3	3.1	4.6	5.4	7.0	8.5
145°	0.8	0.8	0.8	1.5	1.5	2.3	3.1	3.9	4.6	5.4	7.0
147.5°	0.8	0.8	0.8	1.5	1.5	1.5	2.3	3.1	3.9	4.6	5.4
150°	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	3.1	3.9	4.6
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	2.3	3.1	3.9
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.3	2.3	3.1	3.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1483.6	1485.2	1494.4	1493.7	1492.1	1490.6	1490.6	1489.0	1490.6	1494.4	1492.9
5°	1475.9	1478.2	1485.2	1484.4	1482.8	1482.1	1481.3	1479.0	1480.5	1485.9	1484.4
7.5°	1462.0	1464.3	1470.5	1467.4	1465.0	1466.6	1462.7	1460.4	1463.5	1468.9	1468.1
10°	1447.3	1448.8	1456.5	1455.0	1451.1	1451.9	1448.0	1446.5	1450.4	1453.5	1454.2
12.5°	1437.2	1442.6	1449.6	1448.8	1448.0	1448.8	1444.9	1443.4	1445.7	1448.8	1448.0
15°	1434.9	1441.9	1449.6	1449.6	1450.4	1451.1	1447.3	1444.9	1447.3	1449.6	1448.8
17.5°	1432.6	1441.1	1448.0	1447.3	1448.0	1449.6	1443.4	1441.9	1444.9	1448.0	1446.5
20°	1424.8	1432.6	1437.2	1435.7	1435.7	1436.4	1428.7	1428.7	1433.4	1435.7	1436.4
22.5°	1403.2	1412.5	1412.5	1408.6	1408.6	1405.5	1403.2	1398.6	1404.0	1407.8	1410.9
25°	1370.7	1374.6	1370.0	1361.5	1356.8	1352.9	1342.1	1351.4	1351.4	1363.0	1366.9
27.5°	1325.1	1316.6	1303.5	1285.7	1281.8	1269.5	1262.5	1264.8	1268.7	1284.9	1297.3
30°	1250.1	1224.6	1202.2	1194.5	1177.5	1165.1	1152.7	1158.9	1165.9	1175.1	1200.6
32.5°	1151.2	1126.4	1090.1	1076.9	1059.2	1043.7	1029.0	1038.3	1050.7	1056.8	1084.7
35°	1037.5	1008.1	974.9	952.5	933.9	925.4	906.9	920.0	933.1	937.8	961.8
37.5°	916.9	886.8	857.4	838.1	820.3	814.9	802.5	811.8	821.8	828.8	848.9
40°	802.5	774.7	752.2	739.1	726.7	722.1	717.4	721.3	729.0	734.5	749.9
42.5°	704.3	681.9	666.4	658.7	650.2	644.0	644.8	646.3	650.2	661.8	668.7
45°	618.5	605.3	595.3	593.8	588.3	587.6	586.8	589.9	592.2	599.2	604.6
47.5°	549.7	544.3	542.0	545.0	547.4	544.3	545.8	549.7	554.3	554.3	553.5
50°	495.6	497.1	500.2	507.2	511.8	513.3	514.9	519.5	520.3	521.9	519.5
52.5°	451.5	453.0	461.5	472.4	477.8	480.1	483.2	487.8	487.8	489.4	486.3
55°	406.7	409.0	417.5	428.3	432.9	436.0	439.1	442.2	444.5	447.6	445.3
57.5°	357.2	364.1	369.5	372.6	375.7	378.1	380.4	381.1	385.8	386.6	390.4
60°	304.6	306.2	311.6	310.8	308.5	314.7	311.6	317.0	322.4	329.3	330.1
62.5°	254.4	255.1	259.0	257.4	260.5	259.8	262.1	262.1	266.0	269.0	272.9
65°	214.9	215.7	218.8	218.8	218.0	220.3	222.7	224.2	224.2	226.5	229.6
67.5°	185.5	187.9	191.0	192.5	194.1	194.1	196.4	197.1	198.7	199.5	201.0
70°	165.4	168.5	171.6	173.2	174.0	175.5	176.3	176.3	177.8	178.6	180.1
72.5°	150.8	153.8	156.2	156.2	157.7	158.5	158.5	159.3	160.0	161.6	163.1
75°	138.4	140.7	142.3	141.5	141.5	141.5	142.3	142.3	143.8	145.3	146.9
77.5°	126.8	129.1	129.1	127.6	127.6	127.6	127.6	128.3	129.1	130.7	132.2
80°	118.3	118.3	117.5	117.5	116.0	115.2	115.2	116.0	116.0	117.5	119.8
82.5°	109.0	109.0	108.2	107.5	106.7	105.9	105.9	106.7	107.5	108.2	109.8
85°	100.5	100.5	99.0	99.0	98.2	98.2	98.2	98.2	99.0	99.7	101.3
87.5°	92.0	91.2	90.5	89.7	89.7	89.7	89.7	89.7	90.5	92.0	92.8
90°	83.5	82.7	81.9	81.9	81.2	81.2	81.9	81.9	82.7	83.5	84.3
92.5°	75.8	75.0	74.2	74.2	73.4	73.4	74.2	73.4	75.0	75.0	75.8
95°	68.8	68.0	67.3	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.8
97.5°	62.6	61.8	61.1	61.1	61.8	61.1	61.8	61.8	61.8	62.6	63.4
100°	57.2	56.4	56.4	57.2	56.4	56.4	57.2	57.2	57.2	57.2	58.0
102.5°	52.6	52.6	52.6	52.6	52.6	52.6	53.3	53.3	53.3	53.3	54.1
105°	47.9	48.7	48.7	48.7	49.5	49.5	49.5	50.3	50.3	50.3	50.3
107.5°	44.8	45.6	45.6	46.4	46.4	47.2	47.2	47.2	47.2	47.9	47.9
110°	41.7	42.5	43.3	44.1	44.1	44.8	44.8	44.8	44.8	44.8	44.8



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	38.7	39.4	40.2	41.7	42.5	42.5	42.5	42.5	43.3	43.3	42.5
115°	35.6	37.1	37.9	39.4	40.2	40.2	41.0	41.0	41.0	41.0	40.2
117.5°	32.5	34.8	35.6	37.1	37.9	37.9	38.7	38.7	38.7	38.7	37.9
120°	30.2	31.7	33.2	34.0	34.8	35.6	35.6	36.3	36.3	36.3	35.6
122.5°	27.8	29.4	30.9	31.7	32.5	33.2	33.2	33.2	33.2	33.2	33.2
125°	24.7	26.3	27.8	28.6	29.4	30.2	30.2	30.9	30.9	30.9	30.2
127.5°	22.4	24.0	24.7	26.3	27.1	27.1	27.8	27.8	27.8	27.8	27.1
130°	19.3	20.9	22.4	23.2	24.0	24.0	24.7	24.7	24.7	24.7	24.7
132.5°	17.0	18.6	19.3	20.9	20.9	21.6	21.6	22.4	22.4	22.4	21.6
135°	15.5	16.2	17.0	18.6	18.6	19.3	19.3	19.3	19.3	19.3	19.3
137.5°	13.9	14.7	15.5	16.2	16.2	17.0	17.0	17.0	17.0	17.8	17.0
140°	11.6	13.1	13.9	13.9	14.7	14.7	14.7	15.5	15.5	15.5	14.7
142.5°	10.1	10.8	11.6	12.4	13.1	13.1	13.1	13.1	13.9	13.1	13.1
145°	7.7	9.3	10.1	10.8	11.6	11.6	11.6	11.6	11.6	11.6	11.6
147.5°	6.2	7.0	8.5	9.3	9.3	10.1	10.1	10.1	10.1	10.1	10.1
150°	5.4	5.4	7.0	7.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5
152.5°	3.9	4.6	5.4	6.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0
155°	3.9	3.9	4.6	4.6	5.4	5.4	5.4	5.4	6.2	5.4	5.4
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: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1490.6	1489.8	1492.9	1489.8	1474.3	1480.5	1478.2	1486.7	1487.5	1489.8	1497.5
5°	1482.8	1482.8	1486.7	1483.6	1468.9	1475.1	1474.3	1482.8	1484.4	1485.9	1494.4
7.5°	1467.4	1468.1	1473.6	1471.2	1455.8	1465.0	1464.3	1474.3	1477.4	1480.5	1488.2
10°	1452.7	1451.9	1458.1	1455.8	1441.1	1451.9	1451.1	1461.2	1465.8	1471.2	1480.5
12.5°	1444.9	1442.6	1444.9	1442.6	1426.4	1434.9	1435.7	1447.3	1452.7	1459.6	1470.5
15°	1444.9	1441.1	1441.1	1436.4	1417.9	1423.3	1424.1	1431.8	1438.8	1445.7	1458.9
17.5°	1443.4	1439.5	1438.8	1434.9	1414.8	1414.8	1414.0	1419.4	1423.3	1430.3	1444.2
20°	1434.9	1433.4	1432.6	1430.3	1411.7	1408.6	1407.1	1407.1	1409.4	1411.7	1425.6
22.5°	1412.5	1414.0	1415.6	1417.1	1402.4	1397.0	1397.8	1396.2	1393.9	1393.9	1405.5
25°	1370.7	1378.5	1384.6	1391.6	1383.1	1379.2	1383.9	1381.6	1377.7	1374.6	1384.6
27.5°	1304.2	1320.5	1333.6	1350.6	1351.4	1348.3	1360.7	1359.1	1358.4	1353.7	1361.5
30°	1212.2	1237.8	1255.5	1280.3	1301.1	1304.2	1325.1	1328.2	1331.3	1329.0	1336.7
32.5°	1100.9	1135.7	1165.9	1204.5	1224.6	1242.4	1271.8	1284.1	1296.5	1300.4	1308.9
35°	979.5	1019.0	1054.5	1097.0	1128.7	1167.4	1203.0	1221.5	1249.4	1260.2	1272.5
37.5°	864.3	901.4	936.2	978.8	1029.8	1070.0	1114.1	1155.8	1193.7	1209.1	1227.7
40°	762.3	792.4	825.7	862.8	909.2	961.8	1009.7	1067.7	1112.5	1143.4	1170.5
42.5°	685.0	699.7	728.3	761.5	798.6	852.0	900.7	965.6	1019.7	1063.8	1108.6
45°	616.2	623.1	644.0	661.8	699.7	746.8	798.6	862.0	918.5	974.9	1029.0
47.5°	557.4	565.9	576.0	586.8	613.9	653.3	698.1	755.3	811.8	877.5	939.3
50°	518.0	520.3	521.9	526.5	542.7	569.8	606.1	654.8	708.9	779.3	845.0
52.5°	483.2	483.2	478.6	476.2	482.4	499.4	520.3	555.1	610.8	675.7	745.3
55°	446.1	439.1	437.6	429.9	431.4	439.1	449.2	476.2	521.9	577.5	644.8
57.5°	394.3	391.2	391.2	388.1	381.9	385.8	388.1	407.4	439.9	487.8	546.6
60°	334.8	333.2	337.1	337.9	332.4	334.8	334.0	345.6	368.8	407.4	456.1
62.5°	275.2	282.2	283.0	286.1	283.0	282.2	286.1	296.1	307.7	337.1	375.0
65°	231.2	235.0	235.8	239.7	238.1	238.1	241.2	248.9	255.9	276.0	305.4
67.5°	202.6	201.0	201.8	204.1	201.8	201.0	203.3	208.0	213.4	225.7	246.6
70°	180.1	178.6	178.6	178.6	175.5	173.2	174.0	175.5	177.8	184.8	197.9
72.5°	163.1	163.1	160.8	158.5	156.2	154.6	153.1	151.5	150.8	153.1	160.0
75°	147.7	148.4	147.7	145.3	142.3	139.2	136.1	133.0	129.1	127.6	128.3
77.5°	133.7	134.5	135.3	134.5	131.4	127.6	122.9	118.3	112.9	107.5	104.4
80°	121.4	122.9	123.7	122.9	120.6	117.5	112.1	106.7	99.0	92.0	84.3
82.5°	110.6	112.9	113.6	113.6	112.1	109.0	102.8	96.6	88.1	78.9	68.8
85°	102.1	103.6	105.1	105.1	104.4	101.3	95.1	88.1	79.6	68.8	58.0
87.5°	93.5	94.3	95.9	97.4	95.9	92.8	87.4	79.6	71.1	60.3	47.9
90°	85.0	85.8	87.4	88.9	88.1	85.0	80.4	73.4	64.2	52.6	40.2
92.5°	76.5	78.1	78.9	79.6	80.4	78.1	74.2	67.3	58.0	46.4	34.8
95°	70.4	70.4	71.9	72.7	73.4	71.1	68.0	61.1	52.6	41.7	30.2
97.5°	64.2	64.2	65.7	65.7	66.5	64.9	61.8	55.7	47.2	37.1	25.5
100°	58.0	58.8	59.5	60.3	60.3	59.5	56.4	50.3	42.5	33.2	22.4
102.5°	54.1	54.1	54.9	54.9	55.7	54.1	51.0	45.6	37.9	29.4	19.3
105°	50.3	50.3	51.0	51.0	50.3	48.7	45.6	41.0	34.0	25.5	17.0
107.5°	47.2	47.2	47.2	47.2	46.4	44.8	41.7	36.3	30.2	23.2	15.5
110°	44.8	44.1	44.1	43.3	42.5	40.2	37.1	32.5	27.1	20.1	13.1



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	42.5	41.7	41.0	40.2	38.7	36.3	33.2	29.4	24.0	17.8	11.6
115°	40.2	39.4	38.7	37.1	35.6	33.2	30.2	26.3	20.9	15.5	10.1
117.5°	37.9	37.1	35.6	34.0	32.5	30.2	27.1	23.2	18.6	13.9	9.3
120°	34.8	34.0	33.2	31.7	30.2	27.1	24.0	20.9	16.2	12.4	7.7
122.5°	32.5	31.7	30.2	29.4	27.1	24.7	21.6	18.6	14.7	10.8	7.0
125°	29.4	28.6	27.8	26.3	24.7	21.6	19.3	16.2	13.1	9.3	5.4
127.5°	27.1	26.3	24.7	23.2	21.6	19.3	17.0	14.7	11.6	7.7	5.4
130°	24.0	23.2	22.4	20.9	19.3	17.0	15.5	12.4	10.1	7.0	4.6
132.5°	20.9	20.9	20.1	18.6	17.0	15.5	13.1	10.8	8.5	6.2	3.9
135°	19.3	18.6	17.8	16.2	15.5	13.1	11.6	9.3	7.0	5.4	3.1
137.5°	17.0	16.2	15.5	14.7	13.1	11.6	10.1	7.7	6.2	4.6	3.1
140°	14.7	13.9	13.9	12.4	11.6	10.1	8.5	7.0	5.4	3.9	2.3
142.5°	13.1	12.4	11.6	10.8	10.1	8.5	7.0	5.4	4.6	3.1	2.3
145°	11.6	10.8	10.1	9.3	8.5	7.0	6.2	4.6	3.9	3.1	2.3
147.5°	9.3	9.3	8.5	7.7	7.0	6.2	5.4	4.6	3.1	2.3	1.5
150°	7.7	7.7	7.0	6.2	6.2	5.4	4.6	3.9	3.1	2.3	1.5
152.5°	7.0	6.2	6.2	5.4	5.4	4.6	3.9	3.1	2.3	2.3	1.5
155°	5.4	5.4	5.4	4.6	4.6	3.9	3.1	3.1	2.3	1.5	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1499.1	1489.8	1497.5	1511.4	1509.9	1508.3	1506.8	1509.9	1519.9	1514.5	1506.0
5°	1496.7	1487.5	1496.0	1509.1	1508.3	1506.0	1504.5	1507.6	1517.6	1512.2	1502.9
7.5°	1492.1	1483.6	1489.8	1502.9	1502.9	1501.4	1499.8	1502.9	1512.2	1507.6	1498.3
10°	1484.4	1478.2	1484.4	1496.7	1497.5	1494.4	1492.9	1496.7	1506.0	1503.7	1496.0
12.5°	1478.2	1472.0	1479.0	1491.3	1492.1	1489.0	1486.7	1491.3	1503.7	1505.3	1502.9
15°	1469.7	1464.3	1472.8	1485.9	1485.9	1483.6	1483.6	1489.8	1506.8	1513.8	1517.6
17.5°	1457.3	1453.5	1463.5	1476.6	1477.4	1475.9	1476.6	1489.0	1511.4	1528.4	1539.3
20°	1441.9	1440.3	1451.1	1465.0	1467.4	1468.1	1472.0	1490.6	1521.5	1544.7	1555.5
22.5°	1423.3	1424.1	1436.4	1451.1	1454.2	1456.5	1464.3	1490.6	1529.2	1554.0	1558.6
25°	1402.4	1404.7	1417.9	1435.7	1439.5	1444.2	1457.3	1491.3	1531.5	1547.8	1540.0
27.5°	1380.0	1384.6	1401.7	1420.2	1424.8	1432.6	1449.6	1486.7	1520.7	1521.5	1492.9
30°	1356.8	1362.2	1382.3	1404.0	1411.7	1419.4	1440.3	1475.9	1494.4	1469.7	1419.4
32.5°	1330.5	1338.3	1358.4	1384.6	1393.9	1404.0	1424.8	1455.0	1448.0	1394.7	1322.8
35°	1297.3	1308.1	1331.3	1362.2	1370.7	1383.9	1398.6	1405.5	1374.6	1298.8	1217.7
37.5°	1256.3	1272.5	1299.6	1335.2	1344.4	1352.9	1356.8	1337.5	1275.6	1193.7	1109.4
40°	1209.1	1233.9	1263.3	1302.7	1312.0	1312.0	1298.1	1257.1	1179.0	1071.5	978.0
42.5°	1151.9	1182.1	1219.2	1258.6	1267.9	1257.1	1223.8	1151.9	1063.0	943.2	844.2
45°	1082.4	1122.6	1164.3	1205.3	1209.9	1186.0	1126.4	1035.2	925.4	814.1	719.8
47.5°	999.6	1052.2	1097.8	1144.2	1138.0	1097.8	1018.2	914.6	798.6	693.5	617.7
50°	906.9	968.7	1019.7	1063.8	1050.7	995.0	901.4	793.2	678.0	588.3	525.7
52.5°	807.9	879.0	930.1	965.6	947.8	881.3	778.5	674.9	580.6	498.7	456.9
55°	705.1	777.0	829.6	857.4	834.2	762.3	661.0	566.7	477.8	424.4	399.7
57.5°	605.3	672.6	722.1	744.5	715.1	643.2	549.7	470.1	405.9	361.0	348.7
60°	509.5	564.4	611.5	628.5	596.8	530.4	450.0	386.6	339.4	308.5	302.3
62.5°	420.6	465.4	502.5	515.7	484.7	432.9	363.4	316.2	283.0	267.5	259.8
65°	347.1	373.4	411.3	409.0	390.4	342.5	291.5	258.2	236.6	226.5	221.9
67.5°	272.9	296.9	320.8	323.9	300.7	267.5	234.3	210.3	198.7	193.3	191.0
70°	211.1	228.8	243.5	239.7	227.3	206.4	185.5	172.4	167.8	165.4	165.4
72.5°	163.9	173.2	180.1	175.5	167.8	156.9	146.9	141.5	142.3	143.8	145.3
75°	126.8	129.1	130.7	126.0	124.5	117.5	116.7	117.5	122.2	126.8	129.1
77.5°	97.4	94.3	92.0	87.4	88.1	87.4	91.2	97.4	104.4	111.3	117.5
80°	75.0	68.0	62.6	58.0	60.3	64.2	71.9	81.2	90.5	98.2	105.9
82.5°	58.0	47.9	40.2	35.6	40.2	46.4	56.4	68.0	78.9	87.4	95.9
85°	44.8	33.2	24.0	19.3	24.0	33.2	44.1	57.2	68.8	78.1	86.6
87.5°	34.8	24.0	13.1	7.7	13.1	23.2	35.6	47.9	59.5	70.4	78.9
90°	27.8	16.2	6.2	1.5	7.0	16.2	27.8	40.2	51.8	63.4	71.9
92.5°	22.4	11.6	3.1	0.0	3.9	12.4	23.2	34.8	46.4	57.2	65.7
95°	18.6	9.3	2.3	0.0	3.1	9.3	18.6	30.2	41.0	51.8	58.8
97.5°	15.5	7.0	1.5	0.0	1.5	7.7	15.5	25.5	36.3	46.4	53.3
100°	13.1	6.2	1.5	0.0	1.5	6.2	13.1	22.4	31.7	41.0	47.9
102.5°	10.8	4.6	0.8	0.8	0.8	4.6	11.6	19.3	27.8	36.3	43.3
105°	10.1	3.9	0.8	0.8	0.8	3.9	10.1	17.0	24.7	32.5	38.7
107.5°	8.5	3.1	0.8	0.8	0.8	3.1	8.5	14.7	22.4	29.4	34.8
110°	7.0	3.1	0.8	0.8	0.8	3.1	7.0	13.1	19.3	25.5	30.9



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.2	2.3	0.8	0.8	0.8	2.3	6.2	11.6	17.0	23.2	27.8
115°	5.4	2.3	0.8	0.8	0.8	2.3	5.4	10.1	14.7	20.1	24.7
117.5°	4.6	2.3	0.8	0.8	0.8	1.5	4.6	8.5	13.1	17.8	22.4
120°	3.9	1.5	0.8	0.8	0.8	1.5	3.9	7.7	11.6	15.5	19.3
122.5°	3.9	1.5	0.8	0.8	0.8	1.5	3.1	6.2	10.1	13.1	17.0
125°	3.1	1.5	0.8	0.8	0.8	0.8	3.1	5.4	8.5	11.6	14.7
127.5°	3.1	1.5	0.8	0.8	0.8	0.8	2.3	4.6	7.0	10.1	13.1
130°	2.3	1.5	0.8	0.8	0.8	0.8	1.5	3.9	6.2	8.5	10.8
132.5°	2.3	1.5	0.8	0.8	0.8	0.8	1.5	3.1	4.6	7.0	9.3
135°	2.3	0.8	0.8	0.8	0.8	0.8	0.8	2.3	3.9	5.4	7.0
137.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	1.5	3.1	3.9	6.2
140°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	1.5	2.3	3.1	4.6
142.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	2.3	3.9
145°	1.5	0.8	0.8	1.5	1.5	0.8	0.8	1.5	1.5	2.3	3.1
147.5°	1.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	1.5	2.3
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.3
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1504.5	1486.7	1496.0	1492.9	1496.0	1503.7	1502.9	1500.6	1502.2	1498.3	1494.4
5°	1501.4	1483.6	1492.9	1489.0	1492.9	1500.6	1499.1	1496.7	1499.1	1494.4	1490.6
7.5°	1497.5	1481.3	1492.1	1491.3	1498.3	1508.3	1509.1	1509.1	1514.5	1507.6	1504.5
10°	1497.5	1489.0	1503.7	1509.1	1526.9	1540.0	1541.6	1544.7	1554.0	1552.4	1544.7
12.5°	1513.8	1512.2	1533.9	1547.0	1563.2	1581.8	1591.8	1594.9	1601.1	1596.5	1593.4
15°	1534.6	1542.4	1566.3	1581.0	1598.8	1612.7	1615.0	1616.6	1621.2	1614.3	1608.8
17.5°	1562.5	1567.1	1586.4	1592.6	1604.2	1606.5	1603.4	1595.7	1595.7	1580.2	1575.6
20°	1575.6	1573.3	1581.0	1571.0	1566.3	1552.4	1539.3	1524.6	1523.8	1507.6	1506.0
22.5°	1564.0	1548.5	1532.3	1507.6	1496.7	1476.6	1458.9	1450.4	1444.9	1424.1	1418.7
25°	1523.0	1485.2	1461.2	1431.8	1405.5	1382.3	1365.3	1347.5	1330.5	1313.5	1305.8
27.5°	1451.9	1416.3	1377.7	1336.7	1300.4	1264.8	1236.2	1218.4	1202.2	1179.8	1168.2
30°	1364.5	1315.1	1272.5	1233.1	1173.6	1130.3	1106.3	1070.8	1058.4	1048.3	1026.7
32.5°	1261.7	1202.2	1144.2	1090.9	1029.8	989.6	957.9	931.6	923.9	897.6	891.4
35°	1148.1	1070.0	1004.3	951.7	907.6	858.9	832.6	814.9	799.4	781.6	778.5
37.5°	1014.3	944.0	869.8	823.4	788.6	746.8	726.7	714.4	707.4	694.3	691.9
40°	879.8	809.4	758.4	712.0	690.4	668.0	653.3	647.9	644.8	640.1	635.5
42.5°	757.7	695.8	659.5	628.5	619.3	608.4	604.6	607.7	604.6	603.0	602.3
45°	654.1	606.9	581.4	572.1	569.8	566.7	569.8	575.2	576.0	574.4	574.4
47.5°	559.7	537.3	526.5	528.0	531.9	534.2	539.6	546.6	548.1	544.3	545.8
50°	497.9	484.7	482.4	488.6	497.1	500.2	506.4	511.8	511.0	509.5	507.9
52.5°	439.9	436.0	442.2	448.4	457.7	459.2	461.5	463.9	463.1	460.0	458.5
55°	391.2	394.3	399.7	402.0	409.0	408.2	409.0	409.0	405.9	404.3	402.0
57.5°	347.1	347.9	351.0	351.8	355.6	354.1	353.3	351.8	347.1	346.4	344.0
60°	302.3	300.7	307.7	302.3	305.4	302.3	301.5	297.6	293.0	292.2	290.7
62.5°	259.8	256.7	261.3	259.0	260.5	257.4	255.9	251.3	247.4	246.6	245.8
65°	221.9	220.3	225.0	224.2	225.7	221.9	220.3	217.2	214.2	213.4	212.6
67.5°	190.2	194.1	196.4	196.4	197.9	197.1	193.3	192.5	191.7	188.6	188.6
70°	167.0	169.3	174.0	174.7	174.0	175.5	172.4	171.6	170.9	169.3	168.5
72.5°	148.4	151.5	156.2	156.9	156.2	156.2	154.6	153.8	153.8	151.5	151.5
75°	133.7	137.6	141.5	141.5	141.5	139.9	138.4	138.4	136.8	136.1	134.5
77.5°	121.4	126.0	129.1	128.3	127.6	126.0	126.0	123.7	121.4	121.4	119.8
80°	112.1	115.2	117.5	116.7	116.0	113.6	112.9	110.6	109.0	106.7	106.7
82.5°	102.1	105.9	107.5	106.7	105.1	102.8	102.1	100.5	99.0	98.2	96.6
85°	93.5	97.4	98.2	96.6	95.1	93.5	92.8	92.0	91.2	89.7	89.7
87.5°	85.0	88.9	88.9	88.1	86.6	85.8	85.0	84.3	83.5	82.7	81.9
90°	78.1	81.2	81.2	80.4	79.6	78.9	78.1	77.3	76.5	75.8	75.8
92.5°	71.1	74.2	74.2	73.4	72.7	71.9	71.9	71.1	70.4	69.6	68.8
95°	64.9	68.0	68.0	68.0	67.3	66.5	66.5	65.7	64.9	64.9	64.2
97.5°	58.8	61.8	61.8	61.8	61.1	60.3	60.3	59.5	59.5	59.5	58.8
100°	53.3	55.7	56.4	56.4	55.7	55.7	55.7	54.9	54.9	54.9	54.1
102.5°	47.9	50.3	51.8	51.8	51.8	51.0	51.0	51.0	51.0	51.0	50.3
105°	43.3	45.6	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
107.5°	39.4	41.7	43.3	44.1	44.8	44.8	45.6	45.6	45.6	45.6	45.6
110°	35.6	37.9	40.2	41.0	41.7	42.5	42.5	43.3	42.5	42.5	42.5



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	31.7	34.8	36.3	37.9	38.7	39.4	40.2	40.2	40.2	40.2	40.2
115°	28.6	31.7	33.2	34.8	36.3	37.1	37.1	37.9	37.9	37.9	37.1
117.5°	25.5	28.6	30.2	31.7	32.5	34.0	34.8	34.8	34.8	34.8	34.0
120°	23.2	25.5	27.1	28.6	30.2	30.9	31.7	31.7	31.7	31.7	31.7
122.5°	20.1	22.4	24.7	26.3	27.1	27.8	28.6	28.6	28.6	28.6	28.6
125°	17.8	20.1	21.6	23.2	24.0	25.5	25.5	25.5	25.5	25.5	25.5
127.5°	15.5	17.8	19.3	20.9	21.6	22.4	23.2	23.2	23.2	23.2	23.2
130°	13.1	15.5	17.0	18.6	19.3	20.1	20.1	20.9	20.9	20.9	20.9
132.5°	11.6	13.1	14.7	16.2	17.0	17.8	17.8	18.6	18.6	18.6	18.6
135°	9.3	11.6	12.4	13.9	14.7	15.5	15.5	16.2	16.2	16.2	16.2
137.5°	7.7	9.3	10.8	12.4	13.1	13.1	13.9	13.9	14.7	14.7	14.7
140°	6.2	7.0	9.3	10.1	10.8	11.6	12.4	12.4	12.4	12.4	12.4
142.5°	4.6	6.2	7.0	8.5	9.3	10.1	10.8	10.8	10.8	10.8	10.8
145°	3.9	4.6	5.4	7.0	7.7	8.5	9.3	9.3	9.3	9.3	9.3
147.5°	3.1	3.9	4.6	5.4	6.2	7.0	7.7	7.7	7.7	7.7	7.7
150°	2.3	3.1	3.9	3.9	4.6	5.4	6.2	7.0	7.0	7.0	7.0
152.5°	2.3	2.3	3.1	3.1	3.9	4.6	5.4	5.4	5.4	5.4	5.4
155°	1.5	2.3	2.3	2.3	3.1	3.1	3.9	4.6	4.6	4.6	4.6
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: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1496.7	1499.8	1498.3	1496.0	1495.2	1499.1	1495.2	1477.4	1484.4	1485.2	1490.6
5°	1494.4	1496.7	1495.2	1493.7	1491.3	1496.0	1491.3	1472.8	1479.7	1480.5	1485.9
7.5°	1509.9	1510.7	1510.7	1506.8	1500.6	1502.9	1496.7	1475.9	1479.7	1479.7	1483.6
10°	1548.5	1550.1	1552.4	1542.4	1534.6	1528.4	1519.9	1494.4	1493.7	1487.5	1487.5
12.5°	1598.8	1594.9	1591.1	1586.4	1580.2	1572.5	1560.1	1530.0	1519.9	1509.9	1499.8
15°	1613.5	1611.9	1611.2	1608.8	1605.0	1602.7	1593.4	1563.2	1548.5	1536.2	1518.4
17.5°	1574.8	1577.9	1588.0	1588.7	1593.4	1602.7	1601.1	1580.2	1567.1	1561.7	1540.0
20°	1505.3	1506.0	1518.4	1523.8	1543.9	1559.4	1571.0	1568.6	1565.6	1571.7	1555.5
22.5°	1421.8	1427.2	1440.3	1448.8	1468.1	1485.9	1504.5	1514.5	1530.8	1556.3	1553.2
25°	1308.1	1315.1	1333.6	1347.5	1374.6	1401.7	1426.4	1444.2	1463.5	1512.2	1528.4
27.5°	1172.0	1182.9	1206.8	1220.7	1258.6	1286.5	1322.0	1356.8	1383.9	1439.5	1472.8
30°	1029.0	1038.3	1063.8	1083.1	1115.6	1153.5	1198.3	1247.8	1292.6	1349.1	1390.8
32.5°	895.3	905.3	926.2	943.2	979.5	1011.2	1060.7	1121.8	1163.5	1241.6	1297.3
35°	778.5	787.8	802.5	817.2	847.3	879.8	922.3	981.9	1035.2	1116.4	1186.7
37.5°	696.6	698.1	706.6	715.1	737.5	762.3	795.5	848.1	897.6	984.9	1062.3
40°	637.8	637.8	642.5	644.8	654.8	669.5	690.4	731.4	772.3	838.8	933.1
42.5°	601.5	599.9	599.9	600.7	599.9	606.9	619.3	638.6	674.9	729.8	803.3
45°	574.4	571.3	569.0	563.6	560.5	560.5	561.3	568.2	589.1	624.7	684.2
47.5°	544.3	543.5	539.6	533.4	528.0	524.2	518.0	515.7	521.9	542.0	582.2
50°	509.5	505.6	501.8	497.1	490.9	487.1	475.5	476.2	470.8	480.1	501.0
52.5°	458.5	455.4	453.8	450.0	447.6	446.1	436.8	427.5	425.2	426.8	434.5
55°	402.0	403.6	397.4	400.5	399.7	392.7	388.9	381.9	379.6	378.8	382.7
57.5°	343.3	344.8	340.9	344.0	344.0	340.2	337.9	337.9	332.4	327.8	333.2
60°	289.9	286.8	289.1	293.0	293.0	290.7	289.1	289.1	285.3	283.7	287.6
62.5°	246.6	243.5	245.8	249.7	250.5	248.9	247.4	247.4	242.8	242.8	245.8
65°	213.4	214.2	213.4	216.5	216.5	217.2	215.7	214.2	208.7	211.1	210.3
67.5°	189.4	188.6	188.6	191.7	191.0	192.5	191.0	188.6	184.8	181.7	180.9
70°	169.3	168.5	168.5	170.1	170.9	170.9	170.1	168.5	163.1	160.0	157.7
72.5°	151.5	150.8	151.5	152.3	153.1	153.8	153.1	151.5	146.9	143.0	139.2
75°	135.3	134.5	136.8	136.8	137.6	137.6	138.4	137.6	133.7	129.1	124.5
77.5°	119.1	119.8	122.2	122.9	124.5	125.2	126.0	126.0	122.2	118.3	112.1
80°	105.9	107.5	109.0	109.8	111.3	113.6	114.4	115.2	112.1	108.2	101.3
82.5°	96.6	97.4	99.0	99.7	102.1	102.8	103.6	105.1	103.6	99.7	92.0
85°	88.9	89.7	91.2	91.2	92.8	94.3	95.1	95.9	95.1	91.2	83.5
87.5°	81.9	82.7	83.5	84.3	85.0	85.8	86.6	87.4	86.6	82.7	75.8
90°	75.8	75.8	76.5	76.5	77.3	78.1	79.6	79.6	78.9	75.8	68.8
92.5°	68.8	69.6	69.6	70.4	71.1	71.9	72.7	72.7	71.9	68.8	62.6
95°	64.2	64.2	64.9	64.9	65.7	65.7	66.5	66.5	65.7	62.6	56.4
97.5°	58.8	58.8	58.8	58.8	59.5	59.5	60.3	60.3	59.5	56.4	51.0
100°	54.1	54.1	54.1	54.1	54.1	54.9	54.9	54.9	54.1	51.0	45.6
102.5°	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	48.7	46.4	41.0
105°	47.9	47.9	47.9	47.2	47.2	47.2	46.4	46.4	44.1	41.7	37.1
107.5°	44.8	44.8	44.8	44.1	44.1	43.3	42.5	42.5	40.2	37.9	33.2
110°	42.5	42.5	42.5	41.7	41.0	40.2	39.4	38.7	36.3	33.2	29.4



TEST NUMBER: P290189

CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	40.2	40.2	39.4	39.4	38.7	37.9	36.3	35.6	33.2	30.2	26.3
115°	37.1	37.1	37.1	36.3	35.6	34.8	34.0	32.5	30.2	27.1	23.2
117.5°	34.0	34.0	34.0	33.2	32.5	31.7	30.9	29.4	27.1	24.0	20.9
120°	30.9	30.9	30.9	30.2	29.4	28.6	27.8	26.3	24.0	21.6	17.8
122.5°	28.6	28.6	27.8	27.1	26.3	25.5	24.7	23.2	21.6	18.6	15.5
125°	25.5	25.5	24.7	24.7	24.0	23.2	22.4	20.9	18.6	16.2	13.9
127.5°	23.2	22.4	22.4	22.4	21.6	20.9	19.3	18.6	16.2	13.9	11.6
130°	20.1	20.1	20.1	19.3	19.3	18.6	17.0	15.5	13.9	12.4	10.1
132.5°	17.8	17.8	17.8	17.8	17.0	16.2	14.7	13.9	12.4	10.1	8.5
135°	16.2	16.2	15.5	15.5	14.7	13.9	13.1	11.6	10.1	8.5	7.0
137.5°	13.9	13.9	13.9	13.1	13.1	12.4	10.8	10.1	9.3	7.7	6.2
140°	12.4	12.4	11.6	11.6	10.8	10.8	10.1	8.5	7.7	6.2	5.4
142.5°	10.8	10.8	10.1	10.1	9.3	9.3	8.5	7.7	6.2	5.4	3.9
145°	9.3	9.3	8.5	8.5	8.5	7.7	7.0	6.2	5.4	4.6	3.9
147.5°	7.7	7.7	7.7	7.0	7.0	6.2	6.2	5.4	4.6	3.9	3.1
150°	7.0	7.0	6.2	6.2	6.2	5.4	4.6	4.6	3.9	3.1	2.3
152.5°	5.4	5.4	5.4	5.4	4.6	4.6	3.9	3.9	3.1	2.3	2.3
155°	4.6	4.6	4.6	3.9	3.9	3.9	3.1	3.1	2.3	2.3	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: 4SSRK-LC-40-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7	1496.7
2.5°	1488.2	1487.5	1494.4	1493.7	1484.4	1498.3	1507.6
5°	1484.4	1483.6	1489.8	1491.3	1481.3	1496.0	1506.0
7.5°	1481.3	1480.5	1487.5	1489.8	1479.7	1492.9	1503.7
10°	1482.1	1478.2	1484.4	1485.9	1476.6	1490.6	1499.8
12.5°	1487.5	1478.2	1480.5	1480.5	1472.0	1484.4	1494.4
15°	1500.6	1481.3	1478.2	1475.9	1465.0	1476.6	1486.7
17.5°	1515.3	1489.0	1478.2	1470.5	1457.3	1467.4	1478.2
20°	1530.0	1497.5	1479.7	1467.4	1449.6	1458.9	1466.6
22.5°	1536.9	1505.3	1481.3	1462.7	1440.3	1444.9	1453.5
25°	1527.7	1502.2	1478.2	1455.8	1428.7	1429.5	1436.4
27.5°	1493.7	1486.7	1471.2	1448.8	1419.4	1415.6	1421.0
30°	1435.7	1455.0	1455.8	1439.5	1408.6	1400.9	1403.2
32.5°	1354.5	1397.8	1423.3	1420.2	1393.1	1382.3	1383.9
35°	1260.9	1315.1	1370.7	1389.3	1370.0	1361.5	1358.4
37.5°	1148.8	1221.5	1295.7	1341.4	1338.3	1332.8	1329.8
40°	1025.1	1112.5	1200.6	1273.3	1295.7	1295.7	1297.3
42.5°	892.9	995.0	1091.6	1183.6	1236.2	1247.8	1252.4
45°	765.4	868.2	973.3	1079.3	1149.6	1186.0	1199.1
47.5°	649.4	753.0	852.7	968.7	1062.3	1109.4	1130.3
50°	550.5	627.8	732.9	848.1	950.2	1008.1	1049.1
52.5°	468.5	528.8	620.8	728.3	831.1	910.7	948.6
55°	399.7	440.7	518.8	611.5	709.7	792.4	836.5
57.5°	341.7	374.2	427.5	504.8	587.6	669.5	716.7
60°	290.7	313.1	349.4	410.5	480.9	551.2	596.8
62.5°	246.6	261.3	285.3	330.1	385.0	439.9	482.4
65°	212.6	218.8	231.9	259.8	301.5	343.3	379.6
67.5°	179.4	183.2	193.3	210.3	231.2	261.3	285.3
70°	154.6	154.6	155.4	165.4	176.3	195.6	212.6
72.5°	134.5	132.2	127.6	129.9	132.2	143.0	153.8
75°	118.3	112.9	105.1	102.1	100.5	102.1	108.2
77.5°	104.4	96.6	87.4	79.6	73.4	71.1	76.5
80°	92.8	83.5	72.7	62.6	52.6	47.2	49.5
82.5°	83.5	71.9	60.3	48.7	37.1	29.4	29.4
85°	73.4	62.6	50.3	37.9	26.3	16.2	14.7
87.5°	66.5	54.9	41.7	30.2	18.6	8.5	4.6
90°	59.5	47.9	35.6	24.0	13.1	3.9	0.0
92.5°	53.3	42.5	30.9	19.3	9.3	2.3	0.0
95°	47.9	37.9	26.3	16.2	7.7	1.5	0.8
97.5°	42.5	33.2	23.2	13.1	5.4	1.5	0.8
100°	38.7	29.4	20.1	10.8	4.6	0.8	0.8
102.5°	34.0	26.3	17.0	9.3	3.9	0.8	0.8
105°	30.2	23.2	14.7	7.7	3.1	0.8	0.8
107.5°	27.1	20.1	13.1	7.0	3.1	0.8	0.8
110°	24.0	17.8	11.6	6.2	2.3	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	21.6	15.5	10.1	5.4	1.5	0.8	0.8
115°	18.6	13.9	8.5	4.6	1.5	0.8	0.8
117.5°	16.2	11.6	7.7	3.9	1.5	0.8	0.8
120°	13.9	10.1	6.2	3.1	0.8	0.8	0.8
122.5°	12.4	8.5	5.4	3.1	0.8	0.8	0.8
125°	10.8	7.7	4.6	2.3	0.8	0.8	0.8
127.5°	9.3	6.2	3.9	1.5	0.8	0.8	0.8
130°	7.7	5.4	3.1	1.5	0.8	0.8	0.8
132.5°	6.2	4.6	3.1	1.5	0.8	0.8	0.8
135°	5.4	3.9	2.3	1.5	0.8	0.8	0.8
137.5°	4.6	3.1	1.5	1.5	1.5	0.8	0.8
140°	3.9	2.3	1.5	1.5	1.5	1.5	0.8
142.5°	3.1	2.3	1.5	1.5	1.5	1.5	0.8
145°	2.3	1.5	1.5	1.5	1.5	1.5	0.8
147.5°	2.3	1.5	1.5	1.5	1.5	1.5	0.8
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)