

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: P290215

Luminaire Tested: **8SSRK-LC-40-L950-CD1-U**

Issue Date: 3/3/2020

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

**Test Information**

Test Method: LM-79-08  
Report Number: P290215  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SSRK-LC-40-L950-CD1-U  
Description: 4000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3866.7 lumens  
Efficiency: N/A  
Efficacy: 143.1 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19  
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 8' x H: 0.17')  
CIE Type: Direct

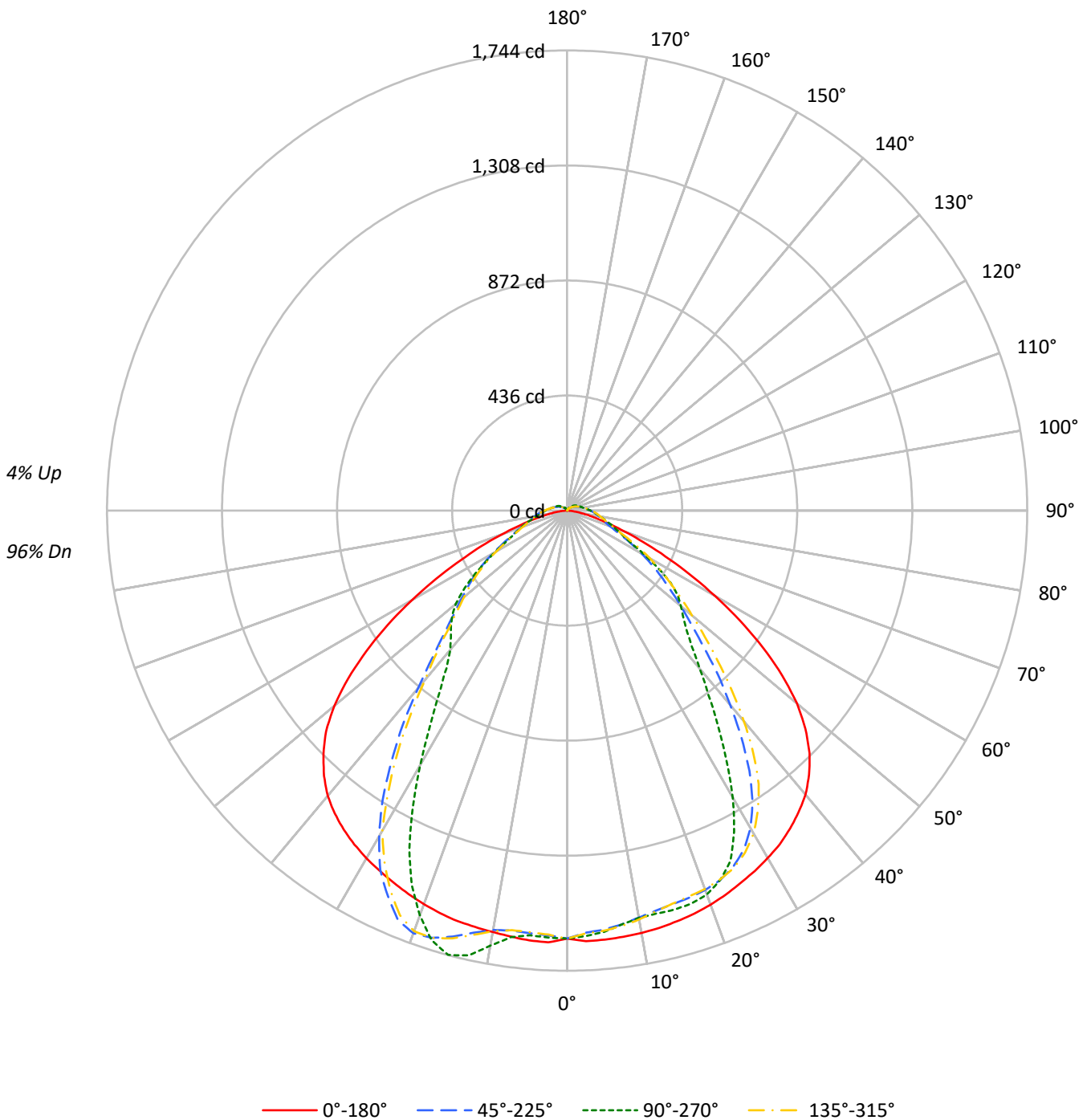
Input Watts (W): 27.0151  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	52377	52377	52377	52377
5°	52805	38484	52915	38786
10°	53098	30140	52990	32186
15°	53561	25268	53534	28133
20°	54204	21665	54146	22836
25°	54928	18211	54899	17597
30°	56025	14150	56058	12536
35°	57193	10341	57356	8751
40°	58241	7564	58486	6664
45°	58129	5838	58428	5686
50°	55730	4904	56510	4795
55°	49560	4019	50796	3654
60°	40317	2798	42455	2566
65°	30090	1939	32416	1838
70°	20575	1504	23192	1438
75°	13579	1208	15813	1142
80°	8914	987	10444	908
85°	4758	844	6254	771



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.1	4.0
10°-20°	458.4	11.9
20°-30°	696.9	18.0
30°-40°	747.6	19.3
40°-50°	648.9	16.8
50°-60°	480.9	12.4
60°-70°	275.5	7.1
70°-80°	152.6	3.9
80°-90°	92.9	2.4
90°-100°	60.4	1.6
100°-110°	40.5	1.0
110°-120°	27.3	0.7
120°-130°	16.8	0.4
130°-140°	8.8	0.2
140°-150°	4.0	0.1
150°-160°	1.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1309.4	33.9
0°-40°	2057.0	53.2
0°-60°	3186.7	82.4
0°-90°	3707.7	95.9
90°-120°	128.2	3.3
90°-150°	157.8	4.1
90°-180°	159.0	4.1
0°-180°	3866.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1622	1622	1622	1622	1622	
5°	1632	1603	1635	1615	1632	156
15°	1611	1566	1610	1744	1611	456
25°	1557	1464	1556	1415	1557	720
35°	1472	997	1476	844	1472	921
45°	1299	639	1306	622	1299	995
55°	906	479	929	436	906	804
65°	411	243	443	230	411	415
75°	117	154	137	146	117	134
85°	16	106	21	97	16	21
90°	0	89	2	82	0	1
95°	1	73	0	70	1	1
105°	1	54	1	52	1	1
115°	1	44	1	40	1	1
125°	1	34	1	28	1	1
135°	1	21	1	18	1	1
145°	1	13	2	10	1	1
155°	2	6	2	5	2	1
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°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1633.7	1629.5	1627.9	1624.5	1627.0	1637.1	1630.4	1619.5	1620.3	1601.1	1611.1
5°	1632.0	1627.0	1624.5	1621.2	1622.8	1632.0	1625.3	1614.5	1613.6	1594.3	1603.6
7.5°	1629.5	1624.5	1620.3	1617.8	1618.6	1626.2	1617.8	1605.2	1602.7	1581.8	1590.2
10°	1625.3	1622.0	1616.1	1611.9	1611.1	1619.5	1606.1	1593.5	1587.6	1565.9	1574.2
12.5°	1619.5	1614.5	1608.6	1601.1	1600.2	1605.2	1594.3	1576.8	1570.9	1553.3	1562.5
15°	1611.1	1605.2	1598.5	1590.2	1586.0	1589.3	1575.9	1560.0	1559.2	1544.1	1556.6
17.5°	1601.9	1593.5	1586.0	1574.2	1568.4	1570.9	1560.0	1545.8	1547.4	1538.2	1552.5
20°	1589.3	1580.1	1568.4	1556.6	1548.3	1552.5	1544.9	1534.0	1536.5	1529.8	1542.4
22.5°	1575.1	1562.5	1548.3	1534.9	1528.2	1534.0	1528.2	1518.9	1519.8	1515.6	1523.1
25°	1556.6	1542.4	1525.6	1508.9	1505.5	1509.7	1506.4	1498.8	1495.5	1488.8	1492.1
27.5°	1539.9	1524.0	1503.0	1485.4	1479.6	1487.9	1480.4	1467.8	1458.6	1449.4	1442.7
30°	1520.6	1501.4	1477.9	1457.8	1452.8	1456.1	1445.2	1425.9	1401.7	1389.9	1371.5
32.5°	1499.7	1474.5	1445.2	1422.6	1419.2	1416.7	1396.6	1369.0	1331.3	1307.8	1279.3
35°	1472.0	1444.4	1409.2	1381.5	1376.5	1362.3	1329.6	1292.7	1244.1	1203.9	1155.3
37.5°	1441.0	1408.4	1371.5	1334.6	1320.4	1291.9	1245.8	1207.3	1133.6	1085.0	1026.3
40°	1405.8	1366.5	1321.2	1276.8	1253.4	1207.3	1154.5	1097.5	1026.3	961.0	911.5
42.5°	1357.2	1315.4	1261.7	1212.3	1172.1	1110.9	1048.9	968.5	903.2	847.9	797.6
45°	1299.4	1249.2	1187.2	1127.7	1076.6	1003.7	930.8	850.4	795.9	731.4	697.1
47.5°	1224.9	1170.4	1104.2	1038.0	971.0	890.6	814.3	737.3	682.8	636.7	611.6
50°	1136.9	1086.6	1013.7	935.0	861.3	777.5	701.2	643.4	590.7	562.2	542.9
52.5°	1028.0	981.1	906.5	821.1	749.8	667.7	598.2	551.3	513.6	492.6	485.9
55°	906.5	865.5	791.7	712.1	639.2	563.8	511.1	470.0	445.7	433.1	434.0
57.5°	776.6	744.8	675.3	604.1	535.4	478.4	430.6	398.0	379.5	378.7	381.2
60°	646.8	623.3	563.0	501.8	441.5	395.4	360.3	337.6	325.9	326.7	325.9
62.5°	522.8	501.0	457.4	407.2	359.4	328.4	296.6	287.4	277.3	276.5	276.5
65°	411.4	394.6	359.4	323.4	287.4	267.3	251.3	240.5	232.9	231.2	232.1
67.5°	309.2	302.4	278.2	253.9	231.2	218.7	205.3	202.7	196.9	196.9	198.6
70°	230.4	225.4	212.0	197.7	188.5	180.1	173.4	173.4	172.6	171.8	175.9
72.5°	166.7	167.6	163.4	152.5	151.6	150.0	148.3	150.8	151.6	154.2	159.2
75°	117.3	119.8	119.8	118.1	121.5	125.7	128.2	132.4	137.4	140.8	146.6
77.5°	82.9	82.9	87.1	92.2	98.9	106.4	113.1	119.0	125.7	129.9	134.9
80°	53.6	56.1	62.8	72.1	81.3	91.3	100.5	108.1	114.8	121.5	124.8
82.5°	31.8	36.0	44.4	56.1	67.9	80.4	89.6	98.9	106.4	113.1	115.6
85°	15.9	21.8	31.8	44.4	57.0	70.4	82.1	90.5	98.9	104.7	108.1
87.5°	5.0	11.7	22.6	34.4	47.8	61.2	73.7	82.9	90.5	95.5	98.9
90°	0.0	5.9	15.9	28.5	41.1	54.5	66.2	76.2	83.8	88.0	90.5
92.5°	0.0	3.4	12.6	23.5	35.2	48.6	60.3	69.5	76.2	80.4	82.1
95°	0.8	2.5	9.2	19.3	31.0	43.6	54.5	62.8	69.5	73.7	74.6
97.5°	0.8	1.7	7.5	15.9	26.8	38.5	49.4	57.8	62.8	67.0	67.9
100°	0.8	1.7	5.9	14.2	23.5	34.4	44.4	51.9	57.8	61.2	62.0
102.5°	0.8	0.8	5.0	11.7	20.9	30.2	39.4	46.9	51.9	55.3	57.0
105°	0.8	0.8	4.2	10.1	18.4	26.8	35.2	42.7	46.9	50.3	51.9
107.5°	0.8	0.8	3.4	8.4	15.9	23.5	31.8	37.7	42.7	46.1	47.8
110°	0.8	0.8	2.5	7.5	13.4	20.9	27.6	33.5	38.5	41.9	43.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.8	0.8	2.5	6.7	11.7	18.4	24.3	30.2	34.4	37.7	40.2
115°	0.8	0.8	2.5	5.9	10.9	15.9	21.8	26.8	31.0	34.4	36.9
117.5°	0.8	0.8	2.5	5.0	9.2	14.2	19.3	24.3	27.6	31.0	33.5
120°	0.8	0.8	1.7	4.2	8.4	12.6	16.8	20.9	25.1	28.5	31.0
122.5°	0.8	0.8	1.7	4.2	6.7	10.9	15.1	18.4	22.6	25.1	27.6
125°	0.8	0.8	1.7	3.4	5.9	10.1	13.4	16.8	19.3	22.6	25.1
127.5°	0.8	0.8	1.7	3.4	5.0	8.4	11.7	15.1	17.6	20.1	21.8
130°	0.8	0.8	1.7	2.5	4.2	6.7	10.1	12.6	15.9	17.6	19.3
132.5°	0.8	0.8	0.8	2.5	3.4	5.0	7.5	10.9	13.4	15.9	16.8
135°	0.8	0.8	0.8	1.7	3.4	4.2	5.9	8.4	10.9	13.4	15.1
137.5°	0.8	0.8	0.8	1.7	2.5	4.2	5.0	6.7	9.2	10.9	13.4
140°	0.8	0.8	0.8	1.7	2.5	3.4	4.2	5.9	7.5	9.2	10.9
142.5°	0.8	0.8	0.8	1.7	1.7	2.5	3.4	5.0	5.9	7.5	9.2
145°	0.8	0.8	0.8	1.7	1.7	2.5	3.4	4.2	5.0	5.9	7.5
147.5°	0.8	0.8	0.8	1.7	1.7	1.7	2.5	3.4	4.2	5.0	5.9
150°	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	3.4	4.2	5.0
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	2.5	3.4	4.2
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	3.4	3.4
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°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1607.8	1609.4	1619.5	1618.6	1617.0	1615.3	1615.3	1613.6	1615.3	1619.5	1617.8
5°	1599.4	1601.9	1609.4	1608.6	1606.9	1606.1	1605.2	1602.7	1604.4	1610.3	1608.6
7.5°	1584.3	1586.8	1593.5	1590.2	1587.6	1589.3	1585.1	1582.6	1586.0	1591.8	1591.0
10°	1568.4	1570.1	1578.4	1576.8	1572.6	1573.4	1569.2	1567.5	1571.7	1575.1	1575.9
12.5°	1557.5	1563.3	1570.9	1570.1	1569.2	1570.1	1565.9	1564.2	1566.7	1570.1	1569.2
15°	1555.0	1562.5	1570.9	1570.9	1571.7	1572.6	1568.4	1565.9	1568.4	1570.9	1570.1
17.5°	1552.5	1561.7	1569.2	1568.4	1569.2	1570.9	1564.2	1562.5	1565.9	1569.2	1567.5
20°	1544.1	1552.5	1557.5	1555.8	1555.8	1556.6	1548.3	1548.3	1553.3	1555.8	1556.6
22.5°	1520.6	1530.7	1530.7	1526.5	1526.5	1523.1	1520.6	1515.6	1521.5	1525.6	1529.0
25°	1485.4	1489.6	1484.6	1475.4	1470.4	1466.2	1454.4	1464.5	1464.5	1477.1	1481.2
27.5°	1436.0	1426.8	1412.5	1393.3	1389.1	1375.7	1368.1	1370.7	1374.8	1392.4	1405.8
30°	1354.7	1327.1	1302.8	1294.4	1276.0	1262.6	1249.2	1255.9	1263.4	1273.5	1301.1
32.5°	1247.5	1220.7	1181.3	1167.1	1147.8	1131.0	1115.1	1125.2	1138.6	1145.3	1175.4
35°	1124.3	1092.5	1056.5	1032.2	1012.1	1002.9	982.7	997.0	1011.2	1016.3	1042.2
37.5°	993.6	961.0	929.1	908.2	888.9	883.0	869.6	879.7	890.6	898.1	919.9
40°	869.6	839.5	815.2	800.9	787.5	782.5	777.5	781.7	790.1	795.9	812.7
42.5°	763.2	738.9	722.2	713.8	704.6	697.9	698.7	700.4	704.6	717.2	724.7
45°	670.2	656.0	645.1	643.4	637.6	636.7	635.9	639.2	641.8	649.3	655.2
47.5°	595.7	589.8	587.3	590.7	593.2	589.8	591.5	595.7	600.7	600.7	599.9
50°	537.0	538.7	542.1	549.6	554.6	556.3	558.0	563.0	563.8	565.5	563.0
52.5°	489.3	491.0	500.2	511.9	517.8	520.3	523.6	528.7	528.7	530.3	527.0
55°	440.7	443.2	452.4	464.1	469.2	472.5	475.9	479.2	481.7	485.1	482.6
57.5°	387.1	394.6	400.5	403.8	407.2	409.7	412.2	413.0	418.1	418.9	423.1
60°	330.1	331.8	337.6	336.8	334.3	341.0	337.6	343.5	349.4	356.9	357.7
62.5°	275.6	276.5	280.7	279.0	282.3	281.5	284.0	284.0	288.2	291.6	295.7
65°	232.9	233.7	237.1	237.1	236.3	238.8	241.3	243.0	243.0	245.5	248.8
67.5°	201.1	203.6	206.9	208.6	210.3	210.3	212.8	213.6	215.3	216.2	217.8
70°	179.3	182.6	186.0	187.7	188.5	190.2	191.0	191.0	192.7	193.5	195.2
72.5°	163.4	166.7	169.2	169.2	170.9	171.8	171.8	172.6	173.4	175.1	176.8
75°	150.0	152.5	154.2	153.3	153.3	153.3	154.2	154.2	155.8	157.5	159.2
77.5°	137.4	139.9	139.9	138.2	138.2	138.2	138.2	139.1	139.9	141.6	143.3
80°	128.2	128.2	127.3	127.3	125.7	124.8	124.8	125.7	125.7	127.3	129.9
82.5°	118.1	118.1	117.3	116.5	115.6	114.8	114.8	115.6	116.5	117.3	119.0
85°	108.9	108.9	107.2	107.2	106.4	106.4	106.4	106.4	107.2	108.1	109.8
87.5°	99.7	98.9	98.0	97.2	97.2	97.2	97.2	97.2	98.0	99.7	100.5
90°	90.5	89.6	88.8	88.8	88.0	88.0	88.8	88.8	89.6	90.5	91.3
92.5°	82.1	81.3	80.4	80.4	79.6	79.6	80.4	79.6	81.3	81.3	82.1
95°	74.6	73.7	72.9	72.9	72.9	72.9	72.9	72.9	73.7	73.7	74.6
97.5°	67.9	67.0	66.2	66.2	67.0	66.2	67.0	67.0	67.0	67.9	68.7
100°	62.0	61.2	61.2	62.0	61.2	61.2	62.0	62.0	62.0	62.0	62.8
102.5°	57.0	57.0	57.0	57.0	57.0	57.0	57.8	57.8	57.8	57.8	58.6
105°	51.9	52.8	52.8	52.8	53.6	53.6	53.6	54.5	54.5	54.5	54.5
107.5°	48.6	49.4	49.4	50.3	50.3	51.1	51.1	51.1	51.1	51.9	51.9
110°	45.2	46.1	46.9	47.8	47.8	48.6	48.6	48.6	48.6	48.6	48.6





TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	41.9	42.7	43.6	45.2	46.1	46.1	46.1	46.1	46.9	46.9	46.1
115°	38.5	40.2	41.1	42.7	43.6	43.6	44.4	44.4	44.4	44.4	43.6
117.5°	35.2	37.7	38.5	40.2	41.1	41.1	41.9	41.9	41.9	41.9	41.1
120°	32.7	34.4	36.0	36.9	37.7	38.5	38.5	39.4	39.4	39.4	38.5
122.5°	30.2	31.8	33.5	34.4	35.2	36.0	36.0	36.0	36.0	36.0	36.0
125°	26.8	28.5	30.2	31.0	31.8	32.7	32.7	33.5	33.5	33.5	32.7
127.5°	24.3	26.0	26.8	28.5	29.3	29.3	30.2	30.2	30.2	30.2	29.3
130°	20.9	22.6	24.3	25.1	26.0	26.0	26.8	26.8	26.8	26.8	26.8
132.5°	18.4	20.1	20.9	22.6	22.6	23.5	23.5	24.3	24.3	24.3	23.5
135°	16.8	17.6	18.4	20.1	20.1	20.9	20.9	20.9	20.9	20.9	20.9
137.5°	15.1	15.9	16.8	17.6	17.6	18.4	18.4	18.4	18.4	19.3	18.4
140°	12.6	14.2	15.1	15.1	15.9	15.9	15.9	16.8	16.8	16.8	15.9
142.5°	10.9	11.7	12.6	13.4	14.2	14.2	14.2	14.2	15.1	14.2	14.2
145°	8.4	10.1	10.9	11.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6
147.5°	6.7	7.5	9.2	10.1	10.1	10.9	10.9	10.9	10.9	10.9	10.9
150°	5.9	5.9	7.5	8.4	9.2	9.2	9.2	9.2	9.2	9.2	9.2
152.5°	4.2	5.0	5.9	6.7	7.5	7.5	7.5	7.5	7.5	7.5	7.5
155°	4.2	4.2	5.0	5.0	5.9	5.9	5.9	5.9	6.7	5.9	5.9
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: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1615.3	1614.5	1617.8	1614.5	1597.7	1604.4	1601.9	1611.1	1611.9	1614.5	1622.8
5°	1606.9	1606.9	1611.1	1607.8	1591.8	1598.5	1597.7	1606.9	1608.6	1610.3	1619.5
7.5°	1590.2	1591.0	1596.9	1594.3	1577.6	1587.6	1586.8	1597.7	1601.1	1604.4	1612.8
10°	1574.2	1573.4	1580.1	1577.6	1561.7	1573.4	1572.6	1583.5	1588.5	1594.3	1604.4
12.5°	1565.9	1563.3	1565.9	1563.3	1545.8	1555.0	1555.8	1568.4	1574.2	1581.8	1593.5
15°	1565.9	1561.7	1561.7	1556.6	1536.5	1542.4	1543.2	1551.6	1559.2	1566.7	1580.9
17.5°	1564.2	1560.0	1559.2	1555.0	1533.2	1533.2	1532.4	1538.2	1542.4	1549.9	1565.0
20°	1555.0	1553.3	1552.5	1549.9	1529.8	1526.5	1524.8	1524.8	1527.3	1529.8	1544.9
22.5°	1530.7	1532.4	1534.0	1535.7	1519.8	1513.9	1514.8	1513.1	1510.6	1510.6	1523.1
25°	1485.4	1493.8	1500.5	1508.1	1498.8	1494.6	1499.7	1497.2	1493.0	1489.6	1500.5
27.5°	1413.4	1431.0	1445.2	1463.7	1464.5	1461.1	1474.5	1472.9	1472.0	1467.0	1475.4
30°	1313.7	1341.3	1360.6	1387.4	1410.0	1413.4	1436.0	1439.4	1442.7	1440.2	1448.6
32.5°	1193.0	1230.7	1263.4	1305.3	1327.1	1346.4	1378.2	1391.6	1405.0	1409.2	1418.4
35°	1061.5	1104.2	1142.8	1188.8	1223.2	1265.1	1303.6	1323.7	1353.9	1365.6	1379.0
37.5°	936.7	976.9	1014.6	1060.7	1116.0	1159.5	1207.3	1252.5	1293.6	1310.3	1330.4
40°	826.1	858.8	894.8	935.0	985.3	1042.2	1094.2	1157.0	1205.6	1239.1	1268.4
42.5°	742.3	758.2	789.2	825.2	865.5	923.3	976.0	1046.4	1105.1	1152.8	1201.4
45°	667.7	675.3	697.9	717.2	758.2	809.3	865.5	934.2	995.3	1056.5	1115.1
47.5°	604.1	613.3	624.2	635.9	665.2	707.9	756.5	818.5	879.7	950.9	1017.9
50°	561.3	563.8	565.5	570.5	588.1	617.5	656.8	709.6	768.3	844.5	915.7
52.5°	523.6	523.6	518.6	516.1	522.8	541.2	563.8	601.5	661.9	732.2	807.6
55°	483.4	475.9	474.2	465.8	467.5	475.9	486.8	516.1	565.5	625.8	698.7
57.5°	427.3	423.9	423.9	420.6	413.9	418.1	420.6	441.5	476.7	528.7	592.3
60°	362.8	361.1	365.3	366.1	360.3	362.8	361.9	374.5	399.6	441.5	494.3
62.5°	298.3	305.8	306.6	310.0	306.6	305.8	310.0	320.9	333.4	365.3	406.3
65°	250.5	254.7	255.5	259.7	258.0	258.0	261.4	269.8	277.3	299.1	330.9
67.5°	219.5	217.8	218.7	221.2	218.7	217.8	220.3	225.4	231.2	244.6	267.3
70°	195.2	193.5	193.5	193.5	190.2	187.7	188.5	190.2	192.7	200.2	214.5
72.5°	176.8	176.8	174.3	171.8	169.2	167.6	165.9	164.2	163.4	165.9	173.4
75°	160.0	160.9	160.0	157.5	154.2	150.8	147.5	144.1	139.9	138.2	139.1
77.5°	144.9	145.8	146.6	145.8	142.4	138.2	133.2	128.2	122.3	116.5	113.1
80°	131.5	133.2	134.0	133.2	130.7	127.3	121.5	115.6	107.2	99.7	91.3
82.5°	119.8	122.3	123.2	123.2	121.5	118.1	111.4	104.7	95.5	85.5	74.6
85°	110.6	112.3	113.9	113.9	113.1	109.8	103.1	95.5	86.3	74.6	62.8
87.5°	101.4	102.2	103.9	105.6	103.9	100.5	94.7	86.3	77.1	65.3	51.9
90°	92.2	93.0	94.7	96.3	95.5	92.2	87.1	79.6	69.5	57.0	43.6
92.5°	82.9	84.6	85.5	86.3	87.1	84.6	80.4	72.9	62.8	50.3	37.7
95°	76.2	76.2	77.9	78.8	79.6	77.1	73.7	66.2	57.0	45.2	32.7
97.5°	69.5	69.5	71.2	71.2	72.1	70.4	67.0	60.3	51.1	40.2	27.6
100°	62.8	63.7	64.5	65.3	65.3	64.5	61.2	54.5	46.1	36.0	24.3
102.5°	58.6	58.6	59.5	59.5	60.3	58.6	55.3	49.4	41.1	31.8	20.9
105°	54.5	54.5	55.3	55.3	54.5	52.8	49.4	44.4	36.9	27.6	18.4
107.5°	51.1	51.1	51.1	51.1	50.3	48.6	45.2	39.4	32.7	25.1	16.8
110°	48.6	47.8	47.8	46.9	46.1	43.6	40.2	35.2	29.3	21.8	14.2



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	46.1	45.2	44.4	43.6	41.9	39.4	36.0	31.8	26.0	19.3	12.6
115°	43.6	42.7	41.9	40.2	38.5	36.0	32.7	28.5	22.6	16.8	10.9
117.5°	41.1	40.2	38.5	36.9	35.2	32.7	29.3	25.1	20.1	15.1	10.1
120°	37.7	36.9	36.0	34.4	32.7	29.3	26.0	22.6	17.6	13.4	8.4
122.5°	35.2	34.4	32.7	31.8	29.3	26.8	23.5	20.1	15.9	11.7	7.5
125°	31.8	31.0	30.2	28.5	26.8	23.5	20.9	17.6	14.2	10.1	5.9
127.5°	29.3	28.5	26.8	25.1	23.5	20.9	18.4	15.9	12.6	8.4	5.9
130°	26.0	25.1	24.3	22.6	20.9	18.4	16.8	13.4	10.9	7.5	5.0
132.5°	22.6	22.6	21.8	20.1	18.4	16.8	14.2	11.7	9.2	6.7	4.2
135°	20.9	20.1	19.3	17.6	16.8	14.2	12.6	10.1	7.5	5.9	3.4
137.5°	18.4	17.6	16.8	15.9	14.2	12.6	10.9	8.4	6.7	5.0	3.4
140°	15.9	15.1	15.1	13.4	12.6	10.9	9.2	7.5	5.9	4.2	2.5
142.5°	14.2	13.4	12.6	11.7	10.9	9.2	7.5	5.9	5.0	3.4	2.5
145°	12.6	11.7	10.9	10.1	9.2	7.5	6.7	5.0	4.2	3.4	2.5
147.5°	10.1	10.1	9.2	8.4	7.5	6.7	5.9	5.0	3.4	2.5	1.7
150°	8.4	8.4	7.5	6.7	6.7	5.9	5.0	4.2	3.4	2.5	1.7
152.5°	7.5	6.7	6.7	5.9	5.9	5.0	4.2	3.4	2.5	2.5	1.7
155°	5.9	5.9	5.9	5.0	5.0	4.2	3.4	3.4	2.5	1.7	1.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1624.5	1614.5	1622.8	1637.9	1636.2	1634.6	1632.9	1636.2	1647.1	1641.3	1632.0
5°	1622.0	1611.9	1621.2	1635.4	1634.6	1632.0	1630.4	1633.7	1644.6	1638.8	1628.7
7.5°	1617.0	1607.8	1614.5	1628.7	1628.7	1627.0	1625.3	1628.7	1638.8	1633.7	1623.7
10°	1608.6	1601.9	1608.6	1622.0	1622.8	1619.5	1617.8	1622.0	1632.0	1629.5	1621.2
12.5°	1601.9	1595.2	1602.7	1616.1	1617.0	1613.6	1611.1	1616.1	1629.5	1631.2	1628.7
15°	1592.7	1586.8	1596.0	1610.3	1610.3	1607.8	1607.8	1614.5	1632.9	1640.4	1644.6
17.5°	1579.3	1575.1	1586.0	1600.2	1601.1	1599.4	1600.2	1613.6	1637.9	1656.3	1668.1
20°	1562.5	1560.8	1572.6	1587.6	1590.2	1591.0	1595.2	1615.3	1648.8	1673.9	1685.7
22.5°	1542.4	1543.2	1556.6	1572.6	1575.9	1578.4	1586.8	1615.3	1657.2	1684.0	1689.0
25°	1519.8	1522.3	1536.5	1555.8	1560.0	1565.0	1579.3	1616.1	1659.7	1677.3	1668.9
27.5°	1495.5	1500.5	1518.9	1539.1	1544.1	1552.5	1570.9	1611.1	1648.0	1648.8	1617.8
30°	1470.4	1476.2	1498.0	1521.5	1529.8	1538.2	1560.8	1599.4	1619.5	1592.7	1538.2
32.5°	1441.9	1450.2	1472.0	1500.5	1510.6	1521.5	1544.1	1576.8	1569.2	1511.4	1433.5
35°	1405.8	1417.6	1442.7	1476.2	1485.4	1499.7	1515.6	1523.1	1489.6	1407.5	1319.5
37.5°	1361.4	1379.0	1408.4	1446.9	1456.9	1466.2	1470.4	1449.4	1382.4	1293.6	1202.3
40°	1310.3	1337.1	1369.0	1411.7	1421.8	1421.8	1406.7	1362.3	1277.7	1161.2	1059.8
42.5°	1248.3	1281.0	1321.2	1364.0	1374.0	1362.3	1326.2	1248.3	1152.0	1022.1	914.9
45°	1172.9	1216.5	1261.7	1306.1	1311.2	1285.2	1220.7	1121.8	1002.9	882.2	780.0
47.5°	1083.3	1140.3	1189.7	1240.0	1233.3	1189.7	1103.4	991.1	865.5	751.5	669.4
50°	982.7	1049.8	1105.1	1152.8	1138.6	1078.3	976.9	859.6	734.8	637.6	569.7
52.5°	875.5	952.6	1007.9	1046.4	1027.2	955.1	843.7	731.4	629.2	540.4	495.1
55°	764.1	842.0	899.0	929.1	904.0	826.1	716.3	614.1	517.8	460.0	433.1
57.5°	656.0	728.9	782.5	806.8	775.0	697.1	595.7	509.4	439.8	391.3	377.9
60°	552.1	611.6	662.7	681.1	646.8	574.7	487.6	418.9	367.8	334.3	327.6
62.5°	455.8	504.4	544.6	558.8	525.3	469.2	393.8	342.7	306.6	289.9	281.5
65°	376.2	404.7	445.7	443.2	423.1	371.1	315.9	279.8	256.4	245.5	240.5
67.5°	295.7	321.7	347.7	351.0	325.9	289.9	253.9	227.9	215.3	209.5	206.9
70°	228.7	248.0	263.9	259.7	246.3	223.7	201.1	186.8	181.8	179.3	179.3
72.5°	177.6	187.7	195.2	190.2	181.8	170.1	159.2	153.3	154.2	155.8	157.5
75°	137.4	139.9	141.6	136.6	134.9	127.3	126.5	127.3	132.4	137.4	139.9
77.5°	105.6	102.2	99.7	94.7	95.5	94.7	98.9	105.6	113.1	120.6	127.3
80°	81.3	73.7	67.9	62.8	65.3	69.5	77.9	88.0	98.0	106.4	114.8
82.5°	62.8	51.9	43.6	38.5	43.6	50.3	61.2	73.7	85.5	94.7	103.9
85°	48.6	36.0	26.0	20.9	26.0	36.0	47.8	62.0	74.6	84.6	93.8
87.5°	37.7	26.0	14.2	8.4	14.2	25.1	38.5	51.9	64.5	76.2	85.5
90°	30.2	17.6	6.7	1.7	7.5	17.6	30.2	43.6	56.1	68.7	77.9
92.5°	24.3	12.6	3.4	0.0	4.2	13.4	25.1	37.7	50.3	62.0	71.2
95°	20.1	10.1	2.5	0.0	3.4	10.1	20.1	32.7	44.4	56.1	63.7
97.5°	16.8	7.5	1.7	0.0	1.7	8.4	16.8	27.6	39.4	50.3	57.8
100°	14.2	6.7	1.7	0.0	1.7	6.7	14.2	24.3	34.4	44.4	51.9
102.5°	11.7	5.0	0.8	0.8	0.8	5.0	12.6	20.9	30.2	39.4	46.9
105°	10.9	4.2	0.8	0.8	0.8	4.2	10.9	18.4	26.8	35.2	41.9
107.5°	9.2	3.4	0.8	0.8	0.8	3.4	9.2	15.9	24.3	31.8	37.7
110°	7.5	3.4	0.8	0.8	0.8	3.4	7.5	14.2	20.9	27.6	33.5



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.7	2.5	0.8	0.8	0.8	2.5	6.7	12.6	18.4	25.1	30.2
115°	5.9	2.5	0.8	0.8	0.8	2.5	5.9	10.9	15.9	21.8	26.8
117.5°	5.0	2.5	0.8	0.8	0.8	1.7	5.0	9.2	14.2	19.3	24.3
120°	4.2	1.7	0.8	0.8	0.8	1.7	4.2	8.4	12.6	16.8	20.9
122.5°	4.2	1.7	0.8	0.8	0.8	1.7	3.4	6.7	10.9	14.2	18.4
125°	3.4	1.7	0.8	0.8	0.8	0.8	3.4	5.9	9.2	12.6	15.9
127.5°	3.4	1.7	0.8	0.8	0.8	0.8	2.5	5.0	7.5	10.9	14.2
130°	2.5	1.7	0.8	0.8	0.8	0.8	1.7	4.2	6.7	9.2	11.7
132.5°	2.5	1.7	0.8	0.8	0.8	0.8	1.7	3.4	5.0	7.5	10.1
135°	2.5	0.8	0.8	0.8	0.8	0.8	0.8	2.5	4.2	5.9	7.5
137.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	1.7	3.4	4.2	6.7
140°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.4	5.0
142.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	4.2
145°	1.7	0.8	0.8	1.7	1.7	0.8	0.8	1.7	1.7	2.5	3.4
147.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7	2.5
150°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1630.4	1611.1	1621.2	1617.8	1621.2	1629.5	1628.7	1626.2	1627.9	1623.7	1619.5
5°	1627.0	1607.8	1617.8	1613.6	1617.8	1626.2	1624.5	1622.0	1624.5	1619.5	1615.3
7.5°	1622.8	1605.2	1617.0	1616.1	1623.7	1634.6	1635.4	1635.4	1641.3	1633.7	1630.4
10°	1622.8	1613.6	1629.5	1635.4	1654.7	1668.9	1670.6	1673.9	1684.0	1682.3	1673.9
12.5°	1640.4	1638.8	1662.2	1676.5	1694.0	1714.2	1725.0	1728.4	1735.1	1730.1	1726.7
15°	1663.0	1671.4	1697.4	1713.3	1732.6	1747.7	1750.2	1751.9	1756.9	1749.3	1743.5
17.5°	1693.2	1698.2	1719.2	1725.9	1738.5	1741.0	1737.6	1729.2	1729.2	1712.5	1707.5
20°	1707.5	1704.9	1713.3	1702.4	1697.4	1682.3	1668.1	1652.2	1651.3	1633.7	1632.0
22.5°	1694.9	1678.1	1660.5	1633.7	1622.0	1600.2	1580.9	1571.7	1565.9	1543.2	1537.4
25°	1650.5	1609.4	1583.5	1551.6	1523.1	1498.0	1479.6	1460.3	1441.9	1423.4	1415.1
27.5°	1573.4	1534.9	1493.0	1448.6	1409.2	1370.7	1339.7	1320.4	1302.8	1278.5	1265.9
30°	1478.7	1425.1	1379.0	1336.3	1271.8	1224.9	1198.9	1160.4	1147.0	1136.1	1112.6
32.5°	1367.3	1302.8	1240.0	1182.1	1116.0	1072.4	1038.0	1009.6	1001.2	972.7	966.0
35°	1244.1	1159.5	1088.3	1031.3	983.6	930.8	902.3	883.0	866.3	847.0	843.7
37.5°	1099.2	1023.0	942.5	892.3	854.6	809.3	787.5	774.1	766.6	752.4	749.8
40°	953.4	877.2	821.9	771.6	748.2	723.9	707.9	702.1	698.7	693.7	688.7
42.5°	821.1	754.0	714.7	681.1	671.1	659.4	655.2	658.5	655.2	653.5	652.7
45°	708.8	657.7	630.0	620.0	617.5	614.1	617.5	623.3	624.2	622.5	622.5
47.5°	606.6	582.3	570.5	572.2	576.4	578.9	584.8	592.3	594.0	589.8	591.5
50°	539.5	525.3	522.8	529.5	538.7	542.1	548.8	554.6	553.8	552.1	550.4
52.5°	476.7	472.5	479.2	485.9	496.0	497.7	500.2	502.7	501.8	498.5	496.8
55°	423.9	427.3	433.1	435.7	443.2	442.4	443.2	443.2	439.8	438.2	435.7
57.5°	376.2	377.0	380.4	381.2	385.4	383.7	382.9	381.2	376.2	375.3	372.8
60°	327.6	325.9	333.4	327.6	330.9	327.6	326.7	322.6	317.5	316.7	315.0
62.5°	281.5	278.2	283.2	280.7	282.3	279.0	277.3	272.3	268.1	267.3	266.4
65°	240.5	238.8	243.8	243.0	244.6	240.5	238.8	235.4	232.1	231.2	230.4
67.5°	206.1	210.3	212.8	212.8	214.5	213.6	209.5	208.6	207.8	204.4	204.4
70°	181.0	183.5	188.5	189.3	188.5	190.2	186.8	186.0	185.2	183.5	182.6
72.5°	160.9	164.2	169.2	170.1	169.2	169.2	167.6	166.7	166.7	164.2	164.2
75°	144.9	149.1	153.3	153.3	153.3	151.6	150.0	150.0	148.3	147.5	145.8
77.5°	131.5	136.6	139.9	139.1	138.2	136.6	136.6	134.0	131.5	131.5	129.9
80°	121.5	124.8	127.3	126.5	125.7	123.2	122.3	119.8	118.1	115.6	115.6
82.5°	110.6	114.8	116.5	115.6	113.9	111.4	110.6	108.9	107.2	106.4	104.7
85°	101.4	105.6	106.4	104.7	103.1	101.4	100.5	99.7	98.9	97.2	97.2
87.5°	92.2	96.3	96.3	95.5	93.8	93.0	92.2	91.3	90.5	89.6	88.8
90°	84.6	88.0	88.0	87.1	86.3	85.5	84.6	83.8	82.9	82.1	82.1
92.5°	77.1	80.4	80.4	79.6	78.8	77.9	77.9	77.1	76.2	75.4	74.6
95°	70.4	73.7	73.7	73.7	72.9	72.1	72.1	71.2	70.4	70.4	69.5
97.5°	63.7	67.0	67.0	67.0	66.2	65.3	65.3	64.5	64.5	64.5	63.7
100°	57.8	60.3	61.2	61.2	60.3	60.3	60.3	59.5	59.5	59.5	58.6
102.5°	51.9	54.5	56.1	56.1	56.1	55.3	55.3	55.3	55.3	55.3	54.5
105°	46.9	49.4	51.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
107.5°	42.7	45.2	46.9	47.8	48.6	48.6	49.4	49.4	49.4	49.4	49.4
110°	38.5	41.1	43.6	44.4	45.2	46.1	46.1	46.9	46.1	46.1	46.1



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	34.4	37.7	39.4	41.1	41.9	42.7	43.6	43.6	43.6	43.6	43.6
115°	31.0	34.4	36.0	37.7	39.4	40.2	40.2	41.1	41.1	41.1	40.2
117.5°	27.6	31.0	32.7	34.4	35.2	36.9	37.7	37.7	37.7	37.7	36.9
120°	25.1	27.6	29.3	31.0	32.7	33.5	34.4	34.4	34.4	34.4	34.4
122.5°	21.8	24.3	26.8	28.5	29.3	30.2	31.0	31.0	31.0	31.0	31.0
125°	19.3	21.8	23.5	25.1	26.0	27.6	27.6	27.6	27.6	27.6	27.6
127.5°	16.8	19.3	20.9	22.6	23.5	24.3	25.1	25.1	25.1	25.1	25.1
130°	14.2	16.8	18.4	20.1	20.9	21.8	21.8	22.6	22.6	22.6	22.6
132.5°	12.6	14.2	15.9	17.6	18.4	19.3	19.3	20.1	20.1	20.1	20.1
135°	10.1	12.6	13.4	15.1	15.9	16.8	16.8	17.6	17.6	17.6	17.6
137.5°	8.4	10.1	11.7	13.4	14.2	14.2	15.1	15.1	15.9	15.9	15.9
140°	6.7	7.5	10.1	10.9	11.7	12.6	13.4	13.4	13.4	13.4	13.4
142.5°	5.0	6.7	7.5	9.2	10.1	10.9	11.7	11.7	11.7	11.7	11.7
145°	4.2	5.0	5.9	7.5	8.4	9.2	10.1	10.1	10.1	10.1	10.1
147.5°	3.4	4.2	5.0	5.9	6.7	7.5	8.4	8.4	8.4	8.4	8.4
150°	2.5	3.4	4.2	4.2	5.0	5.9	6.7	7.5	7.5	7.5	7.5
152.5°	2.5	2.5	3.4	3.4	4.2	5.0	5.9	5.9	5.9	5.9	5.9
155°	1.7	2.5	2.5	2.5	3.4	3.4	4.2	5.0	5.0	5.0	5.0
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: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1622.0	1625.3	1623.7	1621.2	1620.3	1624.5	1620.3	1601.1	1608.6	1609.4	1615.3
5°	1619.5	1622.0	1620.3	1618.6	1616.1	1621.2	1616.1	1596.0	1603.6	1604.4	1610.3
7.5°	1636.2	1637.1	1637.1	1632.9	1626.2	1628.7	1622.0	1599.4	1603.6	1603.6	1607.8
10°	1678.1	1679.8	1682.3	1671.4	1663.0	1656.3	1647.1	1619.5	1618.6	1611.9	1611.9
12.5°	1732.6	1728.4	1724.2	1719.2	1712.5	1704.1	1690.7	1658.0	1647.1	1636.2	1625.3
15°	1748.5	1746.8	1746.0	1743.5	1739.3	1736.8	1726.7	1694.0	1678.1	1664.7	1645.5
17.5°	1706.6	1710.0	1720.9	1721.7	1726.7	1736.8	1735.1	1712.5	1698.2	1692.4	1668.9
20°	1631.2	1632.0	1645.5	1651.3	1673.1	1689.9	1702.4	1699.9	1696.6	1703.3	1685.7
22.5°	1540.7	1546.6	1560.8	1570.1	1591.0	1610.3	1630.4	1641.3	1658.9	1686.5	1683.2
25°	1417.6	1425.1	1445.2	1460.3	1489.6	1518.9	1545.8	1565.0	1586.0	1638.8	1656.3
27.5°	1270.1	1281.8	1307.8	1322.9	1364.0	1394.1	1432.7	1470.4	1499.7	1560.0	1596.0
30°	1115.1	1125.2	1152.8	1173.8	1209.0	1250.0	1298.6	1352.2	1400.8	1462.0	1507.2
32.5°	970.2	981.1	1003.7	1022.1	1061.5	1095.9	1149.5	1215.7	1260.9	1345.5	1405.8
35°	843.7	853.7	869.6	885.6	918.2	953.4	999.5	1064.0	1121.8	1209.8	1286.0
37.5°	754.9	756.5	765.8	775.0	799.3	826.1	862.1	919.1	972.7	1067.4	1151.1
40°	691.2	691.2	696.2	698.7	709.6	725.5	748.2	792.6	837.0	909.0	1011.2
42.5°	651.8	650.1	650.1	651.0	650.1	657.7	671.1	692.0	731.4	790.9	870.5
45°	622.5	619.1	616.6	610.8	607.4	607.4	608.2	615.8	638.4	676.9	741.5
47.5°	589.8	589.0	584.8	578.1	572.2	568.0	561.3	558.8	565.5	587.3	630.9
50°	552.1	547.9	543.7	538.7	532.0	527.8	515.3	516.1	510.2	520.3	542.9
52.5°	496.8	493.5	491.8	487.6	485.1	483.4	473.4	463.3	460.8	462.5	470.8
55°	435.7	437.3	430.6	434.0	433.1	425.6	421.4	413.9	411.4	410.5	414.7
57.5°	372.0	373.7	369.5	372.8	372.8	368.6	366.1	366.1	360.3	355.2	361.1
60°	314.2	310.8	313.3	317.5	317.5	315.0	313.3	313.3	309.2	307.5	311.7
62.5°	267.3	263.9	266.4	270.6	271.4	269.8	268.1	268.1	263.1	263.1	266.4
65°	231.2	232.1	231.2	234.6	234.6	235.4	233.7	232.1	226.2	228.7	227.9
67.5°	205.3	204.4	204.4	207.8	206.9	208.6	206.9	204.4	200.2	196.9	196.0
70°	183.5	182.6	182.6	184.3	185.2	185.2	184.3	182.6	176.8	173.4	170.9
72.5°	164.2	163.4	164.2	165.0	165.9	166.7	165.9	164.2	159.2	155.0	150.8
75°	146.6	145.8	148.3	148.3	149.1	149.1	150.0	149.1	144.9	139.9	134.9
77.5°	129.0	129.9	132.4	133.2	134.9	135.7	136.6	136.6	132.4	128.2	121.5
80°	114.8	116.5	118.1	119.0	120.6	123.2	124.0	124.8	121.5	117.3	109.8
82.5°	104.7	105.6	107.2	108.1	110.6	111.4	112.3	113.9	112.3	108.1	99.7
85°	96.3	97.2	98.9	98.9	100.5	102.2	103.1	103.9	103.1	98.9	90.5
87.5°	88.8	89.6	90.5	91.3	92.2	93.0	93.8	94.7	93.8	89.6	82.1
90°	82.1	82.1	82.9	82.9	83.8	84.6	86.3	86.3	85.5	82.1	74.6
92.5°	74.6	75.4	75.4	76.2	77.1	77.9	78.8	78.8	77.9	74.6	67.9
95°	69.5	69.5	70.4	70.4	71.2	71.2	72.1	72.1	71.2	67.9	61.2
97.5°	63.7	63.7	63.7	63.7	64.5	64.5	65.3	65.3	64.5	61.2	55.3
100°	58.6	58.6	58.6	58.6	58.6	59.5	59.5	59.5	58.6	55.3	49.4
102.5°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	52.8	50.3	44.4
105°	51.9	51.9	51.9	51.1	51.1	51.1	50.3	50.3	47.8	45.2	40.2
107.5°	48.6	48.6	48.6	47.8	47.8	46.9	46.1	46.1	43.6	41.1	36.0
110°	46.1	46.1	46.1	45.2	44.4	43.6	42.7	41.9	39.4	36.0	31.8





TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	43.6	43.6	42.7	42.7	41.9	41.1	39.4	38.5	36.0	32.7	28.5
115°	40.2	40.2	40.2	39.4	38.5	37.7	36.9	35.2	32.7	29.3	25.1
117.5°	36.9	36.9	36.9	36.0	35.2	34.4	33.5	31.8	29.3	26.0	22.6
120°	33.5	33.5	33.5	32.7	31.8	31.0	30.2	28.5	26.0	23.5	19.3
122.5°	31.0	31.0	30.2	29.3	28.5	27.6	26.8	25.1	23.5	20.1	16.8
125°	27.6	27.6	26.8	26.8	26.0	25.1	24.3	22.6	20.1	17.6	15.1
127.5°	25.1	24.3	24.3	24.3	23.5	22.6	20.9	20.1	17.6	15.1	12.6
130°	21.8	21.8	21.8	20.9	20.9	20.1	18.4	16.8	15.1	13.4	10.9
132.5°	19.3	19.3	19.3	19.3	18.4	17.6	15.9	15.1	13.4	10.9	9.2
135°	17.6	17.6	16.8	16.8	15.9	15.1	14.2	12.6	10.9	9.2	7.5
137.5°	15.1	15.1	15.1	14.2	14.2	13.4	11.7	10.9	10.1	8.4	6.7
140°	13.4	13.4	12.6	12.6	11.7	11.7	10.9	9.2	8.4	6.7	5.9
142.5°	11.7	11.7	10.9	10.9	10.1	10.1	9.2	8.4	6.7	5.9	4.2
145°	10.1	10.1	9.2	9.2	9.2	8.4	7.5	6.7	5.9	5.0	4.2
147.5°	8.4	8.4	8.4	7.5	7.5	6.7	6.7	5.9	5.0	4.2	3.4
150°	7.5	7.5	6.7	6.7	6.7	5.9	5.0	5.0	4.2	3.4	2.5
152.5°	5.9	5.9	5.9	5.9	5.0	5.0	4.2	4.2	3.4	2.5	2.5
155°	5.0	5.0	5.0	4.2	4.2	4.2	3.4	3.4	2.5	2.5	1.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0	1622.0
2.5°	1612.8	1611.9	1619.5	1618.6	1608.6	1623.7	1633.7
5°	1608.6	1607.8	1614.5	1616.1	1605.2	1621.2	1632.0
7.5°	1605.2	1604.4	1611.9	1614.5	1603.6	1617.8	1629.5
10°	1606.1	1601.9	1608.6	1610.3	1600.2	1615.3	1625.3
12.5°	1611.9	1601.9	1604.4	1604.4	1595.2	1608.6	1619.5
15°	1626.2	1605.2	1601.9	1599.4	1587.6	1600.2	1611.1
17.5°	1642.1	1613.6	1601.9	1593.5	1579.3	1590.2	1601.9
20°	1658.0	1622.8	1603.6	1590.2	1570.9	1580.9	1589.3
22.5°	1665.6	1631.2	1605.2	1585.1	1560.8	1565.9	1575.1
25°	1655.5	1627.9	1601.9	1577.6	1548.3	1549.1	1556.6
27.5°	1618.6	1611.1	1594.3	1570.1	1538.2	1534.0	1539.9
30°	1555.8	1576.8	1577.6	1560.0	1526.5	1518.1	1520.6
32.5°	1467.8	1514.8	1542.4	1539.1	1509.7	1498.0	1499.7
35°	1366.5	1425.1	1485.4	1505.5	1484.6	1475.4	1472.0
37.5°	1245.0	1323.7	1404.2	1453.6	1450.2	1444.4	1441.0
40°	1110.9	1205.6	1301.1	1379.9	1404.2	1404.2	1405.8
42.5°	967.7	1078.3	1183.0	1282.7	1339.7	1352.2	1357.2
45°	829.4	940.9	1054.8	1169.6	1245.8	1285.2	1299.4
47.5°	703.8	816.0	924.1	1049.8	1151.1	1202.3	1224.9
50°	596.5	680.3	794.2	919.1	1029.7	1092.5	1136.9
52.5°	507.7	573.1	672.8	789.2	900.6	986.9	1028.0
55°	433.1	477.6	562.2	662.7	769.1	858.8	906.5
57.5°	370.3	405.5	463.3	547.1	636.7	725.5	776.6
60°	315.0	339.3	378.7	444.9	521.1	597.4	646.8
62.5°	267.3	283.2	309.2	357.7	417.2	476.7	522.8
65°	230.4	237.1	251.3	281.5	326.7	372.0	411.4
67.5°	194.4	198.6	209.5	227.9	250.5	283.2	309.2
70°	167.6	167.6	168.4	179.3	191.0	212.0	230.4
72.5°	145.8	143.3	138.2	140.8	143.3	155.0	166.7
75°	128.2	122.3	113.9	110.6	108.9	110.6	117.3
77.5°	113.1	104.7	94.7	86.3	79.6	77.1	82.9
80°	100.5	90.5	78.8	67.9	57.0	51.1	53.6
82.5°	90.5	77.9	65.3	52.8	40.2	31.8	31.8
85°	79.6	67.9	54.5	41.1	28.5	17.6	15.9
87.5°	72.1	59.5	45.2	32.7	20.1	9.2	5.0
90°	64.5	51.9	38.5	26.0	14.2	4.2	0.0
92.5°	57.8	46.1	33.5	20.9	10.1	2.5	0.0
95°	51.9	41.1	28.5	17.6	8.4	1.7	0.8
97.5°	46.1	36.0	25.1	14.2	5.9	1.7	0.8
100°	41.9	31.8	21.8	11.7	5.0	0.8	0.8
102.5°	36.9	28.5	18.4	10.1	4.2	0.8	0.8
105°	32.7	25.1	15.9	8.4	3.4	0.8	0.8
107.5°	29.3	21.8	14.2	7.5	3.4	0.8	0.8
110°	26.0	19.3	12.6	6.7	2.5	0.8	0.8



TEST NUMBER: P290215

CATALOG NUMBER: 8SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	23.5	16.8	10.9	5.9	1.7	0.8	0.8
115°	20.1	15.1	9.2	5.0	1.7	0.8	0.8
117.5°	17.6	12.6	8.4	4.2	1.7	0.8	0.8
120°	15.1	10.9	6.7	3.4	0.8	0.8	0.8
122.5°	13.4	9.2	5.9	3.4	0.8	0.8	0.8
125°	11.7	8.4	5.0	2.5	0.8	0.8	0.8
127.5°	10.1	6.7	4.2	1.7	0.8	0.8	0.8
130°	8.4	5.9	3.4	1.7	0.8	0.8	0.8
132.5°	6.7	5.0	3.4	1.7	0.8	0.8	0.8
135°	5.9	4.2	2.5	1.7	0.8	0.8	0.8
137.5°	5.0	3.4	1.7	1.7	1.7	0.8	0.8
140°	4.2	2.5	1.7	1.7	1.7	1.7	0.8
142.5°	3.4	2.5	1.7	1.7	1.7	1.7	0.8
145°	2.5	1.7	1.7	1.7	1.7	1.7	0.8
147.5°	2.5	1.7	1.7	1.7	1.7	1.7	0.8
150°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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)