

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: P290220

Luminaire Tested: **8SSRK-LC-50-L930-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: P290220
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-50-L930-CD1-U
Description: 5000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4204.1 lumens
Efficiency: N/A
Efficacy: 122.9 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

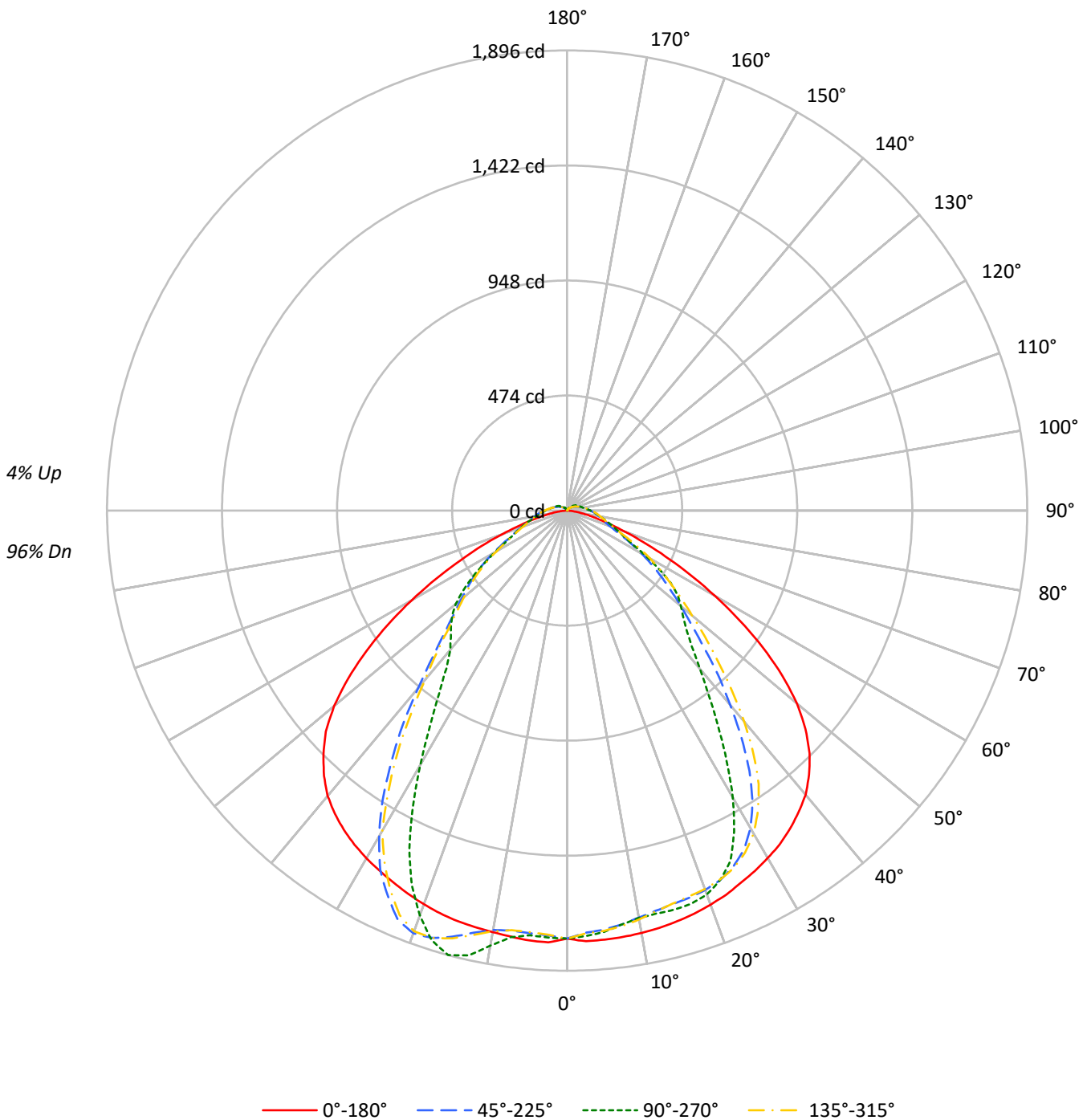
Input Watts (W): 34.1991
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	56946	56946	56946	56946
5°	57415	41843	57532	42170
10°	57734	32770	57613	34995
15°	58235	27472	58205	30588
20°	58934	23555	58873	24830
25°	59723	19801	59691	19132
30°	60914	15385	60947	13630
35°	62186	11243	62360	9514
40°	63325	8224	63590	7246
45°	63202	6348	63528	6182
50°	60593	5332	61441	5214
55°	53885	4370	55229	3973
60°	43833	3043	46164	2790
65°	32716	2108	35246	1998
70°	22370	1636	25219	1564
75°	14760	1313	17191	1242
80°	9696	1072	11359	987
85°	5177	918	6823	838



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.5	4.0
10°-20°	498.4	11.9
20°-30°	757.7	18.0
30°-40°	812.9	19.3
40°-50°	705.5	16.8
50°-60°	522.8	12.4
60°-70°	299.6	7.1
70°-80°	165.9	3.9
80°-90°	101.0	2.4
90°-100°	65.7	1.6
100°-110°	44.0	1.0
110°-120°	29.7	0.7
120°-130°	18.2	0.4
130°-140°	9.6	0.2
140°-150°	4.4	0.1
150°-160°	1.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1423.7	33.9
0°-40°	2236.5	53.2
0°-60°	3464.8	82.4
0°-90°	4031.3	95.9
90°-120°	139.4	3.3
90°-150°	171.6	4.1
90°-180°	173.0	4.1
0°-180°	4204.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1764	1764	1764	1764	1764	
5°	1774	1743	1778	1756	1774	169
15°	1752	1702	1751	1896	1752	496
25°	1692	1592	1692	1538	1692	782
35°	1600	1084	1605	917	1600	1002
45°	1413	695	1420	677	1413	1082
55°	986	521	1010	474	986	874
65°	447	264	482	250	447	451
75°	128	168	148	158	128	146
85°	17	116	23	106	17	23
90°	0	97	2	89	0	1
95°	1	79	0	76	1	1
105°	1	59	1	56	1	1
115°	1	48	1	44	1	1
125°	1	36	1	30	1	1
135°	1	23	1	19	1	1
145°	1	14	2	11	1	1
155°	2	6	2	6	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°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1776.3	1771.7	1769.9	1766.3	1769.0	1779.9	1772.6	1760.8	1761.7	1740.8	1751.7
5°	1774.5	1769.0	1766.3	1762.6	1764.4	1774.5	1767.2	1755.3	1754.4	1733.5	1743.5
7.5°	1771.7	1766.3	1761.7	1759.0	1759.9	1768.1	1759.0	1745.3	1742.6	1719.8	1728.9
10°	1767.2	1763.5	1757.2	1752.6	1751.7	1760.8	1746.2	1732.6	1726.2	1702.5	1711.6
12.5°	1760.8	1755.3	1749.0	1740.8	1739.8	1745.3	1733.5	1714.3	1708.0	1688.8	1698.9
15°	1751.7	1745.3	1738.0	1728.9	1724.4	1728.0	1713.4	1696.1	1695.2	1678.8	1692.5
17.5°	1741.7	1732.6	1724.4	1711.6	1705.2	1708.0	1696.1	1680.6	1682.5	1672.4	1687.9
20°	1728.0	1718.0	1705.2	1692.5	1683.4	1687.9	1679.7	1667.9	1670.6	1663.3	1677.0
22.5°	1712.5	1698.9	1683.4	1668.8	1661.5	1667.9	1661.5	1651.5	1652.4	1647.8	1656.0
25°	1692.5	1677.0	1658.8	1640.6	1636.9	1641.5	1637.8	1629.6	1626.0	1618.7	1622.3
27.5°	1674.3	1657.0	1634.2	1615.0	1608.7	1617.8	1609.6	1595.9	1585.9	1575.9	1568.6
30°	1653.3	1632.4	1606.9	1585.0	1579.5	1583.2	1571.3	1550.4	1524.0	1511.2	1491.2
32.5°	1630.5	1603.2	1571.3	1546.7	1543.1	1540.4	1518.5	1488.4	1447.4	1421.9	1391.0
35°	1600.5	1570.4	1532.2	1502.1	1496.6	1481.1	1445.6	1405.5	1352.7	1309.0	1256.1
37.5°	1566.8	1531.2	1491.2	1451.1	1435.6	1404.6	1354.5	1312.6	1232.5	1179.6	1115.9
40°	1528.5	1485.7	1436.5	1388.2	1362.7	1312.6	1255.2	1193.3	1115.9	1044.8	991.1
42.5°	1475.7	1430.1	1371.8	1318.1	1274.4	1207.9	1140.5	1053.0	982.0	921.8	867.2
45°	1412.8	1358.2	1290.8	1226.1	1170.5	1091.3	1012.0	924.6	865.4	795.2	757.9
47.5°	1331.8	1272.5	1200.6	1128.6	1055.7	968.3	885.4	801.6	742.4	692.3	665.0
50°	1236.1	1181.5	1102.2	1016.6	936.4	845.3	762.4	699.6	642.2	611.2	590.3
52.5°	1117.7	1066.7	985.6	892.7	815.3	726.0	650.4	599.4	558.4	535.6	528.3
55°	985.6	941.0	860.8	774.3	695.0	613.0	555.7	511.0	484.6	470.9	471.9
57.5°	844.4	809.8	734.2	656.8	582.1	520.1	468.2	432.7	412.6	411.7	414.5
60°	703.2	677.7	612.1	545.6	480.1	430.0	391.7	367.1	354.3	355.3	354.3
62.5°	568.4	544.7	497.4	442.7	390.8	357.1	322.5	312.4	301.5	300.6	300.6
65°	447.3	429.0	390.8	351.6	312.4	290.6	273.3	261.4	253.2	251.4	252.3
67.5°	336.1	328.8	302.4	276.0	251.4	237.7	223.2	220.4	214.1	214.1	215.9
70°	250.5	245.0	230.5	215.0	205.0	195.8	188.6	188.6	187.6	186.7	191.3
72.5°	181.3	182.2	177.6	165.8	164.9	163.1	161.2	164.0	164.9	167.6	173.1
75°	127.5	130.3	130.3	128.4	132.1	136.6	139.4	143.9	149.4	153.0	159.4
77.5°	90.2	90.2	94.7	100.2	107.5	115.7	123.0	129.3	136.6	141.2	146.7
80°	58.3	61.0	68.3	78.3	88.4	99.3	109.3	117.5	124.8	132.1	135.7
82.5°	34.6	39.2	48.3	61.0	73.8	87.4	97.5	107.5	115.7	123.0	125.7
85°	17.3	23.7	34.6	48.3	61.9	76.5	89.3	98.4	107.5	113.9	117.5
87.5°	5.5	12.8	24.6	37.3	51.9	66.5	80.2	90.2	98.4	103.8	107.5
90°	0.0	6.4	17.3	31.0	44.6	59.2	72.0	82.9	91.1	95.6	98.4
92.5°	0.0	3.6	13.7	25.5	38.3	52.8	65.6	75.6	82.9	87.4	89.3
95°	0.9	2.7	10.0	21.0	33.7	47.4	59.2	68.3	75.6	80.2	81.1
97.5°	0.9	1.8	8.2	17.3	29.1	41.9	53.7	62.9	68.3	72.9	73.8
100°	0.9	1.8	6.4	15.5	25.5	37.3	48.3	56.5	62.9	66.5	67.4
102.5°	0.9	0.9	5.5	12.8	22.8	32.8	42.8	51.0	56.5	60.1	61.9
105°	0.9	0.9	4.6	10.9	20.0	29.1	38.3	46.5	51.0	54.7	56.5
107.5°	0.9	0.9	3.6	9.1	17.3	25.5	34.6	41.0	46.5	50.1	51.9
110°	0.9	0.9	2.7	8.2	14.6	22.8	30.1	36.4	41.9	45.5	47.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.9	0.9	2.7	7.3	12.8	20.0	26.4	32.8	37.3	41.0	43.7
115°	0.9	0.9	2.7	6.4	11.8	17.3	23.7	29.1	33.7	37.3	40.1
117.5°	0.9	0.9	2.7	5.5	10.0	15.5	21.0	26.4	30.1	33.7	36.4
120°	0.9	0.9	1.8	4.6	9.1	13.7	18.2	22.8	27.3	31.0	33.7
122.5°	0.9	0.9	1.8	4.6	7.3	11.8	16.4	20.0	24.6	27.3	30.1
125°	0.9	0.9	1.8	3.6	6.4	10.9	14.6	18.2	21.0	24.6	27.3
127.5°	0.9	0.9	1.8	3.6	5.5	9.1	12.8	16.4	19.1	21.9	23.7
130°	0.9	0.9	1.8	2.7	4.6	7.3	10.9	13.7	17.3	19.1	21.0
132.5°	0.9	0.9	0.9	2.7	3.6	5.5	8.2	11.8	14.6	17.3	18.2
135°	0.9	0.9	0.9	1.8	3.6	4.6	6.4	9.1	11.8	14.6	16.4
137.5°	0.9	0.9	0.9	1.8	2.7	4.6	5.5	7.3	10.0	11.8	14.6
140°	0.9	0.9	0.9	1.8	2.7	3.6	4.6	6.4	8.2	10.0	11.8
142.5°	0.9	0.9	0.9	1.8	1.8	2.7	3.6	5.5	6.4	8.2	10.0
145°	0.9	0.9	0.9	1.8	1.8	2.7	3.6	4.6	5.5	6.4	8.2
147.5°	0.9	0.9	0.9	1.8	1.8	1.8	2.7	3.6	4.6	5.5	6.4
150°	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	3.6	4.6	5.5
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	2.7	3.6	4.6
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	3.6	3.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1748.0	1749.9	1760.8	1759.9	1758.1	1756.2	1756.2	1754.4	1756.2	1760.8	1759.0
5°	1738.9	1741.7	1749.9	1749.0	1747.1	1746.2	1745.3	1742.6	1744.4	1750.8	1749.0
7.5°	1722.5	1725.3	1732.6	1728.9	1726.2	1728.0	1723.4	1720.7	1724.4	1730.7	1729.8
10°	1705.2	1707.1	1716.2	1714.3	1709.8	1710.7	1706.1	1704.3	1708.9	1712.5	1713.4
12.5°	1693.4	1699.8	1708.0	1707.1	1706.1	1707.1	1702.5	1700.7	1703.4	1707.1	1706.1
15°	1690.7	1698.9	1708.0	1708.0	1708.9	1709.8	1705.2	1702.5	1705.2	1708.0	1707.1
17.5°	1687.9	1697.9	1706.1	1705.2	1706.1	1708.0	1700.7	1698.9	1702.5	1706.1	1704.3
20°	1678.8	1687.9	1693.4	1691.6	1691.6	1692.5	1683.4	1683.4	1688.8	1691.6	1692.5
22.5°	1653.3	1664.2	1664.2	1659.7	1659.7	1656.0	1653.3	1647.8	1654.2	1658.8	1662.4
25°	1615.0	1619.6	1614.1	1604.1	1598.7	1594.1	1581.3	1592.3	1592.3	1605.9	1610.5
27.5°	1561.3	1551.3	1535.8	1514.8	1510.3	1495.7	1487.5	1490.3	1494.8	1513.9	1528.5
30°	1472.9	1442.9	1416.5	1407.4	1387.3	1372.7	1358.2	1365.5	1373.7	1384.6	1414.6
32.5°	1356.4	1327.2	1284.4	1268.9	1248.0	1229.7	1212.4	1223.4	1237.9	1245.2	1278.0
35°	1222.4	1187.8	1148.7	1122.2	1100.4	1090.4	1068.5	1084.0	1099.5	1104.9	1133.2
37.5°	1080.3	1044.8	1010.2	987.4	966.5	960.1	945.5	956.5	968.3	976.5	1000.2
40°	945.5	912.7	886.3	870.8	856.3	850.8	845.3	849.9	859.0	865.4	883.6
42.5°	829.8	803.4	785.2	776.1	766.1	758.8	759.7	761.5	766.1	779.7	787.9
45°	728.7	713.2	701.4	699.6	693.2	692.3	691.4	695.0	697.8	706.0	712.3
47.5°	647.7	641.3	638.6	642.2	644.9	641.3	643.1	647.7	653.1	653.1	652.2
50°	583.9	585.7	589.4	597.6	603.0	604.8	606.7	612.1	613.0	614.9	612.1
52.5°	532.0	533.8	543.8	556.6	562.9	565.7	569.3	574.8	574.8	576.6	573.0
55°	479.1	481.9	491.9	504.6	510.1	513.8	517.4	521.0	523.8	527.4	524.7
57.5°	420.8	429.0	435.4	439.1	442.7	445.4	448.2	449.1	454.5	455.5	460.0
60°	358.9	360.7	367.1	366.2	363.5	370.7	367.1	373.5	379.9	388.0	389.0
62.5°	299.7	300.6	305.2	303.3	307.0	306.1	308.8	308.8	313.4	317.0	321.6
65°	253.2	254.1	257.8	257.8	256.9	259.6	262.3	264.2	264.2	266.9	270.5
67.5°	218.6	221.4	225.0	226.8	228.6	228.6	231.4	232.3	234.1	235.0	236.8
70°	194.9	198.6	202.2	204.0	205.0	206.8	207.7	207.7	209.5	210.4	212.2
72.5°	177.6	181.3	184.0	184.0	185.8	186.7	186.7	187.6	188.6	190.4	192.2
75°	163.1	165.8	167.6	166.7	166.7	166.7	167.6	167.6	169.4	171.3	173.1
77.5°	149.4	152.1	152.1	150.3	150.3	150.3	150.3	151.2	152.1	153.9	155.8
80°	139.4	139.4	138.5	138.5	136.6	135.7	135.7	136.6	136.6	138.5	141.2
82.5°	128.4	128.4	127.5	126.6	125.7	124.8	124.8	125.7	126.6	127.5	129.3
85°	118.4	118.4	116.6	116.6	115.7	115.7	115.7	115.7	116.6	117.5	119.3
87.5°	108.4	107.5	106.6	105.7	105.7	105.7	105.7	105.7	106.6	108.4	109.3
90°	98.4	97.5	96.6	96.6	95.6	95.6	96.6	96.6	97.5	98.4	99.3
92.5°	89.3	88.4	87.4	87.4	86.5	86.5	87.4	86.5	88.4	88.4	89.3
95°	81.1	80.2	79.2	79.2	79.2	79.2	79.2	79.2	80.2	80.2	81.1
97.5°	73.8	72.9	72.0	72.0	72.9	72.0	72.9	72.9	72.9	73.8	74.7
100°	67.4	66.5	66.5	67.4	66.5	66.5	67.4	67.4	67.4	67.4	68.3
102.5°	61.9	61.9	61.9	61.9	61.9	61.9	62.9	62.9	62.9	62.9	63.8
105°	56.5	57.4	57.4	57.4	58.3	58.3	58.3	59.2	59.2	59.2	59.2
107.5°	52.8	53.7	53.7	54.7	54.7	55.6	55.6	55.6	55.6	56.5	56.5
110°	49.2	50.1	51.0	51.9	51.9	52.8	52.8	52.8	52.8	52.8	52.8



TEST NUMBER: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	45.5	46.5	47.4	49.2	50.1	50.1	50.1	50.1	51.0	51.0	50.1
115°	41.9	43.7	44.6	46.5	47.4	47.4	48.3	48.3	48.3	48.3	47.4
117.5°	38.3	41.0	41.9	43.7	44.6	44.6	45.5	45.5	45.5	45.5	44.6
120°	35.5	37.3	39.2	40.1	41.0	41.9	41.9	42.8	42.8	42.8	41.9
122.5°	32.8	34.6	36.4	37.3	38.3	39.2	39.2	39.2	39.2	39.2	39.2
125°	29.1	31.0	32.8	33.7	34.6	35.5	35.5	36.4	36.4	36.4	35.5
127.5°	26.4	28.2	29.1	31.0	31.9	31.9	32.8	32.8	32.8	32.8	31.9
130°	22.8	24.6	26.4	27.3	28.2	28.2	29.1	29.1	29.1	29.1	29.1
132.5°	20.0	21.9	22.8	24.6	24.6	25.5	25.5	26.4	26.4	26.4	25.5
135°	18.2	19.1	20.0	21.9	21.9	22.8	22.8	22.8	22.8	22.8	22.8
137.5°	16.4	17.3	18.2	19.1	19.1	20.0	20.0	20.0	20.0	21.0	20.0
140°	13.7	15.5	16.4	16.4	17.3	17.3	17.3	18.2	18.2	18.2	17.3
142.5°	11.8	12.8	13.7	14.6	15.5	15.5	15.5	15.5	16.4	15.5	15.5
145°	9.1	10.9	11.8	12.8	13.7	13.7	13.7	13.7	13.7	13.7	13.7
147.5°	7.3	8.2	10.0	10.9	10.9	11.8	11.8	11.8	11.8	11.8	11.8
150°	6.4	6.4	8.2	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0
152.5°	4.6	5.5	6.4	7.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2
155°	4.6	4.6	5.5	5.5	6.4	6.4	6.4	6.4	7.3	6.4	6.4
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: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1756.2	1755.3	1759.0	1755.3	1737.1	1744.4	1741.7	1751.7	1752.6	1755.3	1764.4
5°	1747.1	1747.1	1751.7	1748.0	1730.7	1738.0	1737.1	1747.1	1749.0	1750.8	1760.8
7.5°	1728.9	1729.8	1736.2	1733.5	1715.3	1726.2	1725.3	1737.1	1740.8	1744.4	1753.5
10°	1711.6	1710.7	1718.0	1715.3	1697.9	1710.7	1709.8	1721.6	1727.1	1733.5	1744.4
12.5°	1702.5	1699.8	1702.5	1699.8	1680.6	1690.7	1691.6	1705.2	1711.6	1719.8	1732.6
15°	1702.5	1697.9	1697.9	1692.5	1670.6	1677.0	1677.9	1687.0	1695.2	1703.4	1718.9
17.5°	1700.7	1696.1	1695.2	1690.7	1667.0	1667.0	1666.1	1672.4	1677.0	1685.2	1701.6
20°	1690.7	1688.8	1687.9	1685.2	1663.3	1659.7	1657.9	1657.9	1660.6	1663.3	1679.7
22.5°	1664.2	1666.1	1667.9	1669.7	1652.4	1646.0	1646.9	1645.1	1642.4	1642.4	1656.0
25°	1615.0	1624.2	1631.4	1639.6	1629.6	1625.1	1630.5	1627.8	1623.2	1619.6	1631.4
27.5°	1536.7	1555.8	1571.3	1591.4	1592.3	1588.6	1603.2	1601.4	1600.5	1595.0	1604.1
30°	1428.3	1458.4	1479.3	1508.5	1533.1	1536.7	1561.3	1564.9	1568.6	1565.9	1575.0
32.5°	1297.1	1338.1	1373.7	1419.2	1442.9	1463.8	1498.5	1513.0	1527.6	1532.2	1542.2
35°	1154.1	1200.6	1242.5	1292.6	1329.9	1375.5	1417.4	1439.2	1472.0	1484.8	1499.4
37.5°	1018.4	1062.1	1103.1	1153.2	1213.3	1260.7	1312.6	1361.8	1406.5	1424.7	1446.5
40°	898.2	933.7	972.9	1016.6	1071.2	1133.2	1189.7	1258.0	1310.8	1347.2	1379.1
42.5°	807.1	824.4	858.1	897.2	941.0	1003.8	1061.2	1137.7	1201.5	1253.4	1306.3
45°	726.0	734.2	758.8	779.7	824.4	879.9	941.0	1015.7	1082.2	1148.7	1212.4
47.5°	656.8	666.8	678.6	691.4	723.3	769.7	822.6	890.0	956.5	1033.9	1106.8
50°	610.3	613.0	614.9	620.3	639.5	671.3	714.2	771.5	835.3	918.2	995.6
52.5°	569.3	569.3	563.9	561.1	568.4	588.5	613.0	654.0	719.6	796.1	878.1
55°	525.6	517.4	515.6	506.5	508.3	517.4	529.2	561.1	614.9	680.5	759.7
57.5°	464.6	460.9	460.9	457.3	450.0	454.5	457.3	480.1	518.3	574.8	644.0
60°	394.4	392.6	397.2	398.1	391.7	394.4	393.5	407.2	434.5	480.1	537.4
62.5°	324.3	332.5	333.4	337.0	333.4	332.5	337.0	348.9	362.5	397.2	441.8
65°	272.4	276.9	277.8	282.4	280.6	280.6	284.2	293.3	301.5	325.2	359.8
67.5°	238.7	236.8	237.7	240.5	237.7	236.8	239.6	245.0	251.4	266.0	290.6
70°	212.2	210.4	210.4	210.4	206.8	204.0	205.0	206.8	209.5	217.7	233.2
72.5°	192.2	192.2	189.5	186.7	184.0	182.2	180.4	178.5	177.6	180.4	188.6
75°	174.0	174.9	174.0	171.3	167.6	164.0	160.3	156.7	152.1	150.3	151.2
77.5°	157.6	158.5	159.4	158.5	154.9	150.3	144.8	139.4	133.0	126.6	123.0
80°	143.0	144.8	145.7	144.8	142.1	138.5	132.1	125.7	116.6	108.4	99.3
82.5°	130.3	133.0	133.9	133.9	132.1	128.4	121.2	113.9	103.8	92.9	81.1
85°	120.2	122.1	123.9	123.9	123.0	119.3	112.0	103.8	93.8	81.1	68.3
87.5°	110.2	111.1	113.0	114.8	113.0	109.3	102.9	93.8	83.8	71.1	56.5
90°	100.2	101.1	102.9	104.8	103.8	100.2	94.7	86.5	75.6	61.9	47.4
92.5°	90.2	92.0	92.9	93.8	94.7	92.0	87.4	79.2	68.3	54.7	41.0
95°	82.9	82.9	84.7	85.6	86.5	83.8	80.2	72.0	61.9	49.2	35.5
97.5°	75.6	75.6	77.4	77.4	78.3	76.5	72.9	65.6	55.6	43.7	30.1
100°	68.3	69.2	70.1	71.1	71.1	70.1	66.5	59.2	50.1	39.2	26.4
102.5°	63.8	63.8	64.7	64.7	65.6	63.8	60.1	53.7	44.6	34.6	22.8
105°	59.2	59.2	60.1	60.1	59.2	57.4	53.7	48.3	40.1	30.1	20.0
107.5°	55.6	55.6	55.6	55.6	54.7	52.8	49.2	42.8	35.5	27.3	18.2
110°	52.8	51.9	51.9	51.0	50.1	47.4	43.7	38.3	31.9	23.7	15.5



TEST NUMBER: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	50.1	49.2	48.3	47.4	45.5	42.8	39.2	34.6	28.2	21.0	13.7
115°	47.4	46.5	45.5	43.7	41.9	39.2	35.5	31.0	24.6	18.2	11.8
117.5°	44.6	43.7	41.9	40.1	38.3	35.5	31.9	27.3	21.9	16.4	10.9
120°	41.0	40.1	39.2	37.3	35.5	31.9	28.2	24.6	19.1	14.6	9.1
122.5°	38.3	37.3	35.5	34.6	31.9	29.1	25.5	21.9	17.3	12.8	8.2
125°	34.6	33.7	32.8	31.0	29.1	25.5	22.8	19.1	15.5	10.9	6.4
127.5°	31.9	31.0	29.1	27.3	25.5	22.8	20.0	17.3	13.7	9.1	6.4
130°	28.2	27.3	26.4	24.6	22.8	20.0	18.2	14.6	11.8	8.2	5.5
132.5°	24.6	24.6	23.7	21.9	20.0	18.2	15.5	12.8	10.0	7.3	4.6
135°	22.8	21.9	21.0	19.1	18.2	15.5	13.7	10.9	8.2	6.4	3.6
137.5°	20.0	19.1	18.2	17.3	15.5	13.7	11.8	9.1	7.3	5.5	3.6
140°	17.3	16.4	16.4	14.6	13.7	11.8	10.0	8.2	6.4	4.6	2.7
142.5°	15.5	14.6	13.7	12.8	11.8	10.0	8.2	6.4	5.5	3.6	2.7
145°	13.7	12.8	11.8	10.9	10.0	8.2	7.3	5.5	4.6	3.6	2.7
147.5°	10.9	10.9	10.0	9.1	8.2	7.3	6.4	5.5	3.6	2.7	1.8
150°	9.1	9.1	8.2	7.3	7.3	6.4	5.5	4.6	3.6	2.7	1.8
152.5°	8.2	7.3	7.3	6.4	6.4	5.5	4.6	3.6	2.7	2.7	1.8
155°	6.4	6.4	6.4	5.5	5.5	4.6	3.6	3.6	2.7	1.8	1.8
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: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1766.3	1755.3	1764.4	1780.8	1779.0	1777.2	1775.4	1779.0	1790.9	1784.5	1774.5
5°	1763.5	1752.6	1762.6	1778.1	1777.2	1774.5	1772.6	1776.3	1788.1	1781.7	1770.8
7.5°	1758.1	1748.0	1755.3	1770.8	1770.8	1769.0	1767.2	1770.8	1781.7	1776.3	1765.4
10°	1749.0	1741.7	1749.0	1763.5	1764.4	1760.8	1759.0	1763.5	1774.5	1771.7	1762.6
12.5°	1741.7	1734.4	1742.6	1757.2	1758.1	1754.4	1751.7	1757.2	1771.7	1773.5	1770.8
15°	1731.6	1725.3	1735.3	1750.8	1750.8	1748.0	1748.0	1755.3	1775.4	1783.6	1788.1
17.5°	1717.1	1712.5	1724.4	1739.8	1740.8	1738.9	1739.8	1754.4	1780.8	1800.9	1813.6
20°	1698.9	1697.0	1709.8	1726.2	1728.9	1729.8	1734.4	1756.2	1792.7	1820.0	1832.8
22.5°	1677.0	1677.9	1692.5	1709.8	1713.4	1716.2	1725.3	1756.2	1801.8	1830.9	1836.4
25°	1652.4	1655.1	1670.6	1691.6	1696.1	1701.6	1717.1	1757.2	1804.5	1823.6	1814.5
27.5°	1626.0	1631.4	1651.5	1673.3	1678.8	1687.9	1708.0	1751.7	1791.8	1792.7	1759.0
30°	1598.7	1605.0	1628.7	1654.2	1663.3	1672.4	1697.0	1738.9	1760.8	1731.6	1672.4
32.5°	1567.7	1576.8	1600.5	1631.4	1642.4	1654.2	1678.8	1714.3	1706.1	1643.3	1558.6
35°	1528.5	1541.3	1568.6	1605.0	1615.0	1630.5	1647.8	1656.0	1619.6	1530.3	1434.7
37.5°	1480.2	1499.4	1531.2	1573.1	1584.1	1594.1	1598.7	1575.9	1503.0	1406.5	1307.2
40°	1424.7	1453.8	1488.4	1534.9	1545.8	1545.8	1529.4	1481.1	1389.1	1262.5	1152.3
42.5°	1357.3	1392.8	1436.5	1483.0	1493.9	1481.1	1442.0	1357.3	1252.5	1111.3	994.7
45°	1275.3	1322.6	1371.8	1420.1	1425.6	1397.3	1327.2	1219.7	1090.4	959.2	848.1
47.5°	1177.8	1239.8	1293.5	1348.2	1340.9	1293.5	1199.7	1077.6	941.0	817.1	727.8
50°	1068.5	1141.4	1201.5	1253.4	1237.9	1172.3	1062.1	934.6	798.9	693.2	619.4
52.5°	951.9	1035.7	1095.8	1137.7	1116.8	1038.4	917.3	795.2	684.1	587.5	538.3
55°	830.8	915.5	977.4	1010.2	982.9	898.2	778.8	667.7	562.9	500.1	470.9
57.5°	713.2	792.5	850.8	877.2	842.6	757.9	647.7	553.8	478.2	425.4	410.8
60°	600.3	665.0	720.5	740.6	703.2	624.9	530.2	455.5	399.9	363.5	356.2
62.5°	495.5	548.4	592.1	607.6	571.1	510.1	428.1	372.6	333.4	315.2	306.1
65°	409.0	440.0	484.6	481.9	460.0	403.5	343.4	304.2	278.7	266.9	261.4
67.5°	321.6	349.8	378.0	381.7	354.3	315.2	276.0	247.8	234.1	227.7	225.0
70°	248.7	269.6	286.9	282.4	267.8	243.2	218.6	203.1	197.7	194.9	194.9
72.5°	193.1	204.0	212.2	206.8	197.7	184.9	173.1	166.7	167.6	169.4	171.3
75°	149.4	152.1	153.9	148.5	146.7	138.5	137.5	138.5	143.9	149.4	152.1
77.5°	114.8	111.1	108.4	102.9	103.8	102.9	107.5	114.8	123.0	131.2	138.5
80°	88.4	80.2	73.8	68.3	71.1	75.6	84.7	95.6	106.6	115.7	124.8
82.5°	68.3	56.5	47.4	41.9	47.4	54.7	66.5	80.2	92.9	102.9	113.0
85°	52.8	39.2	28.2	22.8	28.2	39.2	51.9	67.4	81.1	92.0	102.0
87.5°	41.0	28.2	15.5	9.1	15.5	27.3	41.9	56.5	70.1	82.9	92.9
90°	32.8	19.1	7.3	1.8	8.2	19.1	32.8	47.4	61.0	74.7	84.7
92.5°	26.4	13.7	3.6	0.0	4.6	14.6	27.3	41.0	54.7	67.4	77.4
95°	21.9	10.9	2.7	0.0	3.6	10.9	21.9	35.5	48.3	61.0	69.2
97.5°	18.2	8.2	1.8	0.0	1.8	9.1	18.2	30.1	42.8	54.7	62.9
100°	15.5	7.3	1.8	0.0	1.8	7.3	15.5	26.4	37.3	48.3	56.5
102.5°	12.8	5.5	0.9	0.9	0.9	5.5	13.7	22.8	32.8	42.8	51.0
105°	11.8	4.6	0.9	0.9	0.9	4.6	11.8	20.0	29.1	38.3	45.5
107.5°	10.0	3.6	0.9	0.9	0.9	3.6	10.0	17.3	26.4	34.6	41.0
110°	8.2	3.6	0.9	0.9	0.9	3.6	8.2	15.5	22.8	30.1	36.4



TEST NUMBER: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.3	2.7	0.9	0.9	0.9	2.7	7.3	13.7	20.0	27.3	32.8
115°	6.4	2.7	0.9	0.9	0.9	2.7	6.4	11.8	17.3	23.7	29.1
117.5°	5.5	2.7	0.9	0.9	0.9	1.8	5.5	10.0	15.5	21.0	26.4
120°	4.6	1.8	0.9	0.9	0.9	1.8	4.6	9.1	13.7	18.2	22.8
122.5°	4.6	1.8	0.9	0.9	0.9	1.8	3.6	7.3	11.8	15.5	20.0
125°	3.6	1.8	0.9	0.9	0.9	0.9	3.6	6.4	10.0	13.7	17.3
127.5°	3.6	1.8	0.9	0.9	0.9	0.9	2.7	5.5	8.2	11.8	15.5
130°	2.7	1.8	0.9	0.9	0.9	0.9	1.8	4.6	7.3	10.0	12.8
132.5°	2.7	1.8	0.9	0.9	0.9	0.9	1.8	3.6	5.5	8.2	10.9
135°	2.7	0.9	0.9	0.9	0.9	0.9	0.9	2.7	4.6	6.4	8.2
137.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	3.6	4.6	7.3
140°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	3.6	5.5
142.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	4.6
145°	1.8	0.9	0.9	1.8	1.8	0.9	0.9	1.8	1.8	2.7	3.6
147.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	1.8	2.7
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1772.6	1751.7	1762.6	1759.0	1762.6	1771.7	1770.8	1768.1	1769.9	1765.4	1760.8
5°	1769.0	1748.0	1759.0	1754.4	1759.0	1768.1	1766.3	1763.5	1766.3	1760.8	1756.2
7.5°	1764.4	1745.3	1758.1	1757.2	1765.4	1777.2	1778.1	1778.1	1784.5	1776.3	1772.6
10°	1764.4	1754.4	1771.7	1778.1	1799.1	1814.5	1816.4	1820.0	1830.9	1829.1	1820.0
12.5°	1783.6	1781.7	1807.3	1822.7	1841.9	1863.7	1875.6	1879.2	1886.5	1881.0	1877.4
15°	1808.2	1817.3	1845.5	1862.8	1883.8	1900.2	1902.9	1904.7	1910.2	1902.0	1895.6
17.5°	1841.0	1846.4	1869.2	1876.5	1890.1	1892.9	1889.2	1880.1	1880.1	1861.9	1856.4
20°	1856.4	1853.7	1862.8	1851.0	1845.5	1829.1	1813.6	1796.3	1795.4	1776.3	1774.5
22.5°	1842.8	1824.6	1805.4	1776.3	1763.5	1739.8	1718.9	1708.9	1702.5	1677.9	1671.5
25°	1794.5	1749.9	1721.6	1687.0	1656.0	1628.7	1608.7	1587.7	1567.7	1547.6	1538.5
27.5°	1710.7	1668.8	1623.2	1575.0	1532.2	1490.3	1456.6	1435.6	1416.5	1390.1	1376.4
30°	1607.8	1549.5	1499.4	1452.9	1382.8	1331.8	1303.5	1261.6	1247.0	1235.2	1209.7
32.5°	1486.6	1416.5	1348.2	1285.3	1213.3	1166.0	1128.6	1097.7	1088.5	1057.6	1050.3
35°	1352.7	1260.7	1183.3	1121.3	1069.4	1012.0	981.1	960.1	941.9	920.9	917.3
37.5°	1195.1	1112.2	1024.8	970.1	929.1	879.9	856.3	841.7	833.5	818.0	815.3
40°	1036.6	953.7	893.6	839.0	813.4	787.0	769.7	763.3	759.7	754.2	748.8
42.5°	892.7	819.8	777.0	740.6	729.6	716.9	712.3	716.0	712.3	710.5	709.6
45°	770.6	715.1	685.0	674.1	671.3	667.7	671.3	677.7	678.6	676.8	676.8
47.5°	659.5	633.1	620.3	622.2	626.7	629.4	635.8	644.0	645.8	641.3	643.1
50°	586.6	571.1	568.4	575.7	585.7	589.4	596.6	603.0	602.1	600.3	598.5
52.5°	518.3	513.8	521.0	528.3	539.3	541.1	543.8	546.5	545.6	542.0	540.2
55°	460.9	464.6	470.9	473.7	481.9	481.0	481.9	481.9	478.2	476.4	473.7
57.5°	409.0	409.9	413.6	414.5	419.0	417.2	416.3	414.5	409.0	408.1	405.4
60°	356.2	354.3	362.5	356.2	359.8	356.2	355.3	350.7	345.2	344.3	342.5
62.5°	306.1	302.4	307.9	305.2	307.0	303.3	301.5	296.0	291.5	290.6	289.7
65°	261.4	259.6	265.1	264.2	266.0	261.4	259.6	256.0	252.3	251.4	250.5
67.5°	224.1	228.6	231.4	231.4	233.2	232.3	227.7	226.8	225.9	222.3	222.3
70°	196.8	199.5	205.0	205.9	205.0	206.8	203.1	202.2	201.3	199.5	198.6
72.5°	174.9	178.5	184.0	184.9	184.0	184.0	182.2	181.3	181.3	178.5	178.5
75°	157.6	162.1	166.7	166.7	166.7	164.9	163.1	163.1	161.2	160.3	158.5
77.5°	143.0	148.5	152.1	151.2	150.3	148.5	148.5	145.7	143.0	143.0	141.2
80°	132.1	135.7	138.5	137.5	136.6	133.9	133.0	130.3	128.4	125.7	125.7
82.5°	120.2	124.8	126.6	125.7	123.9	121.2	120.2	118.4	116.6	115.7	113.9
85°	110.2	114.8	115.7	113.9	112.0	110.2	109.3	108.4	107.5	105.7	105.7
87.5°	100.2	104.8	104.8	103.8	102.0	101.1	100.2	99.3	98.4	97.5	96.6
90°	92.0	95.6	95.6	94.7	93.8	92.9	92.0	91.1	90.2	89.3	89.3
92.5°	83.8	87.4	87.4	86.5	85.6	84.7	84.7	83.8	82.9	82.0	81.1
95°	76.5	80.2	80.2	80.2	79.2	78.3	78.3	77.4	76.5	76.5	75.6
97.5°	69.2	72.9	72.9	72.9	72.0	71.1	71.1	70.1	70.1	70.1	69.2
100°	62.9	65.6	66.5	66.5	65.6	65.6	65.6	64.7	64.7	64.7	63.8
102.5°	56.5	59.2	61.0	61.0	61.0	60.1	60.1	60.1	60.1	60.1	59.2
105°	51.0	53.7	55.6	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
107.5°	46.5	49.2	51.0	51.9	52.8	52.8	53.7	53.7	53.7	53.7	53.7
110°	41.9	44.6	47.4	48.3	49.2	50.1	50.1	51.0	50.1	50.1	50.1



TEST NUMBER: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	37.3	41.0	42.8	44.6	45.5	46.5	47.4	47.4	47.4	47.4	47.4
115°	33.7	37.3	39.2	41.0	42.8	43.7	43.7	44.6	44.6	44.6	43.7
117.5°	30.1	33.7	35.5	37.3	38.3	40.1	41.0	41.0	41.0	41.0	40.1
120°	27.3	30.1	31.9	33.7	35.5	36.4	37.3	37.3	37.3	37.3	37.3
122.5°	23.7	26.4	29.1	31.0	31.9	32.8	33.7	33.7	33.7	33.7	33.7
125°	21.0	23.7	25.5	27.3	28.2	30.1	30.1	30.1	30.1	30.1	30.1
127.5°	18.2	21.0	22.8	24.6	25.5	26.4	27.3	27.3	27.3	27.3	27.3
130°	15.5	18.2	20.0	21.9	22.8	23.7	23.7	24.6	24.6	24.6	24.6
132.5°	13.7	15.5	17.3	19.1	20.0	21.0	21.0	21.9	21.9	21.9	21.9
135°	10.9	13.7	14.6	16.4	17.3	18.2	18.2	19.1	19.1	19.1	19.1
137.5°	9.1	10.9	12.8	14.6	15.5	15.5	16.4	16.4	17.3	17.3	17.3
140°	7.3	8.2	10.9	11.8	12.8	13.7	14.6	14.6	14.6	14.6	14.6
142.5°	5.5	7.3	8.2	10.0	10.9	11.8	12.8	12.8	12.8	12.8	12.8
145°	4.6	5.5	6.4	8.2	9.1	10.0	10.9	10.9	10.9	10.9	10.9
147.5°	3.6	4.6	5.5	6.4	7.3	8.2	9.1	9.1	9.1	9.1	9.1
150°	2.7	3.6	4.6	4.6	5.5	6.4	7.3	8.2	8.2	8.2	8.2
152.5°	2.7	2.7	3.6	3.6	4.6	5.5	6.4	6.4	6.4	6.4	6.4
155°	1.8	2.7	2.7	2.7	3.6	3.6	4.6	5.5	5.5	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: P290220

CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1763.5	1767.2	1765.4	1762.6	1761.7	1766.3	1761.7	1740.8	1749.0	1749.9	1756.2
5°	1760.8	1763.5	1761.7	1759.9	1757.2	1762.6	1757.2	1735.3	1743.5	1744.4	1750.8
7.5°	1779.0	1779.9	1779.9	1775.4	1768.1	1770.8	1763.5	1738.9	1743.5	1743.5	1748.0
10°	1824.6	1826.4	1829.1	1817.3	1808.2	1800.9	1790.9	1760.8	1759.9	1752.6	1752.6
12.5°	1883.8	1879.2	1874.7	1869.2	1861.9	1852.8	1838.2	1802.7	1790.9	1779.0	1767.2
15°	1901.1	1899.3	1898.3	1895.6	1891.1	1888.3	1877.4	1841.9	1824.6	1810.0	1789.0
17.5°	1855.5	1859.2	1871.0	1871.9	1877.4	1888.3	1886.5	1861.9	1846.4	1840.0	1814.5
20°	1773.5	1774.5	1789.0	1795.4	1819.1	1837.3	1851.0	1848.2	1844.6	1851.9	1832.8
22.5°	1675.2	1681.5	1697.0	1707.1	1729.8	1750.8	1772.6	1784.5	1803.6	1833.7	1830.0
25°	1541.3	1549.5	1571.3	1587.7	1619.6	1651.5	1680.6	1701.6	1724.4	1781.7	1800.9
27.5°	1380.9	1393.7	1421.9	1438.3	1483.0	1515.8	1557.7	1598.7	1630.5	1696.1	1735.3
30°	1212.4	1223.4	1253.4	1276.2	1314.4	1359.1	1411.9	1470.2	1523.0	1589.5	1638.7
32.5°	1054.8	1066.7	1091.3	1111.3	1154.1	1191.5	1249.8	1321.7	1370.9	1462.9	1528.5
35°	917.3	928.2	945.5	962.8	998.4	1036.6	1086.7	1156.9	1219.7	1315.4	1398.3
37.5°	820.7	822.6	832.6	842.6	869.0	898.2	937.3	999.3	1057.6	1160.5	1251.6
40°	751.5	751.5	757.0	759.7	771.5	788.9	813.4	861.7	910.0	988.3	1099.5
42.5°	708.7	706.9	706.9	707.8	706.9	715.1	729.6	752.4	795.2	859.9	946.4
45°	676.8	673.2	670.4	664.1	660.4	660.4	661.3	669.5	694.1	736.0	806.2
47.5°	641.3	640.4	635.8	628.5	622.2	617.6	610.3	607.6	614.9	638.6	685.9
50°	600.3	595.7	591.2	585.7	578.4	573.9	560.2	561.1	554.7	565.7	590.3
52.5°	540.2	536.5	534.7	530.2	527.4	525.6	514.7	503.7	501.0	502.8	511.9
55°	473.7	475.5	468.2	471.9	470.9	462.7	458.2	450.0	447.3	446.3	450.9
57.5°	404.4	406.3	401.7	405.4	405.4	400.8	398.1	398.1	391.7	386.2	392.6
60°	341.6	337.9	340.7	345.2	345.2	342.5	340.7	340.7	336.1	334.3	338.9
62.5°	290.6	286.9	289.7	294.2	295.1	293.3	291.5	291.5	286.0	286.0	289.7
65°	251.4	252.3	251.4	255.1	255.1	256.0	254.1	252.3	245.9	248.7	247.8
67.5°	223.2	222.3	222.3	225.9	225.0	226.8	225.0	222.3	217.7	214.1	213.2
70°	199.5	198.6	198.6	200.4	201.3	201.3	200.4	198.6	192.2	188.6	185.8
72.5°	178.5	177.6	178.5	179.4	180.4	181.3	180.4	178.5	173.1	168.5	164.0
75°	159.4	158.5	161.2	161.2	162.1	162.1	163.1	162.1	157.6	152.1	146.7
77.5°	140.3	141.2	143.9	144.8	146.7	147.6	148.5	148.5	143.9	139.4	132.1
80°	124.8	126.6	128.4	129.3	131.2	133.9	134.8	135.7	132.1	127.5	119.3
82.5°	113.9	114.8	116.6	117.5	120.2	121.2	122.1	123.9	122.1	117.5	108.4
85°	104.8	105.7	107.5	107.5	109.3	111.1	112.0	113.0	112.0	107.5	98.4
87.5°	96.6	97.5	98.4	99.3	100.2	101.1	102.0	102.9	102.0	97.5	89.3
90°	89.3	89.3	90.2	90.2	91.1	92.0	93.8	93.8	92.9	89.3	81.1
92.5°	81.1	82.0	82.0	82.9	83.8	84.7	85.6	85.6	84.7	81.1	73.8
95°	75.6	75.6	76.5	76.5	77.4	77.4	78.3	78.3	77.4	73.8	66.5
97.5°	69.2	69.2	69.2	69.2	70.1	70.1	71.1	71.1	70.1	66.5	60.1
100°	63.8	63.8	63.8	63.8	63.8	64.7	64.7	64.7	63.8	60.1	53.7
102.5°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	57.4	54.7	48.3
105°	56.5	56.5	56.5	55.6	55.6	55.6	54.7	54.7	51.9	49.2	43.7
107.5°	52.8	52.8	52.8	51.9	51.9	51.0	50.1	50.1	47.4	44.6	39.2
110°	50.1	50.1	50.1	49.2	48.3	47.4	46.5	45.5	42.8	39.2	34.6



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CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	47.4	47.4	46.5	46.5	45.5	44.6	42.8	41.9	39.2	35.5	31.0
115°	43.7	43.7	43.7	42.8	41.9	41.0	40.1	38.3	35.5	31.9	27.3
117.5°	40.1	40.1	40.1	39.2	38.3	37.3	36.4	34.6	31.9	28.2	24.6
120°	36.4	36.4	36.4	35.5	34.6	33.7	32.8	31.0	28.2	25.5	21.0
122.5°	33.7	33.7	32.8	31.9	31.0	30.1	29.1	27.3	25.5	21.9	18.2
125°	30.1	30.1	29.1	29.1	28.2	27.3	26.4	24.6	21.9	19.1	16.4
127.5°	27.3	26.4	26.4	26.4	25.5	24.6	22.8	21.9	19.1	16.4	13.7
130°	23.7	23.7	23.7	22.8	22.8	21.9	20.0	18.2	16.4	14.6	11.8
132.5°	21.0	21.0	21.0	21.0	20.0	19.1	17.3	16.4	14.6	11.8	10.0
135°	19.1	19.1	18.2	18.2	17.3	16.4	15.5	13.7	11.8	10.0	8.2
137.5°	16.4	16.4	16.4	15.5	15.5	14.6	12.8	11.8	10.9	9.1	7.3
140°	14.6	14.6	13.7	13.7	12.8	12.8	11.8	10.0	9.1	7.3	6.4
142.5°	12.8	12.8	11.8	11.8	10.9	10.9	10.0	9.1	7.3	6.4	4.6
145°	10.9	10.9	10.0	10.0	10.0	9.1	8.2	7.3	6.4	5.5	4.6
147.5°	9.1	9.1	9.1	8.2	8.2	7.3	7.3	6.4	5.5	4.6	3.6
150°	8.2	8.2	7.3	7.3	7.3	6.4	5.5	5.5	4.6	3.6	2.7
152.5°	6.4	6.4	6.4	6.4	5.5	5.5	4.6	4.6	3.6	2.7	2.7
155°	5.5	5.5	5.5	4.6	4.6	4.6	3.6	3.6	2.7	2.7	1.8
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



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CATALOG NUMBER: 8SSRK-LC-50-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5	1763.5
2.5°	1753.5	1752.6	1760.8	1759.9	1749.0	1765.4	1776.3
5°	1749.0	1748.0	1755.3	1757.2	1745.3	1762.6	1774.5
7.5°	1745.3	1744.4	1752.6	1755.3	1743.5	1759.0	1771.7
10°	1746.2	1741.7	1749.0	1750.8	1739.8	1756.2	1767.2
12.5°	1752.6	1741.7	1744.4	1744.4	1734.4	1749.0	1760.8
15°	1768.1	1745.3	1741.7	1738.9	1726.2	1739.8	1751.7
17.5°	1785.4	1754.4	1741.7	1732.6	1717.1	1728.9	1741.7
20°	1802.7	1764.4	1743.5	1728.9	1708.0	1718.9	1728.0
22.5°	1810.9	1773.5	1745.3	1723.4	1697.0	1702.5	1712.5
25°	1800.0	1769.9	1741.7	1715.3	1683.4	1684.3	1692.5
27.5°	1759.9	1751.7	1733.5	1707.1	1672.4	1667.9	1674.3
30°	1691.6	1714.3	1715.3	1696.1	1659.7	1650.6	1653.3
32.5°	1595.9	1646.9	1677.0	1673.3	1641.5	1628.7	1630.5
35°	1485.7	1549.5	1615.0	1636.9	1614.1	1604.1	1600.5
37.5°	1353.6	1439.2	1526.7	1580.4	1576.8	1570.4	1566.8
40°	1207.9	1310.8	1414.6	1500.3	1526.7	1526.7	1528.5
42.5°	1052.1	1172.3	1286.2	1394.6	1456.6	1470.2	1475.7
45°	901.8	1023.0	1146.8	1271.6	1354.5	1397.3	1412.8
47.5°	765.2	887.2	1004.7	1141.4	1251.6	1307.2	1331.8
50°	648.6	739.7	863.5	999.3	1119.5	1187.8	1236.1
52.5°	552.0	623.1	731.5	858.1	979.2	1073.1	1117.7
55°	470.9	519.2	611.2	720.5	836.2	933.7	985.6
57.5°	402.6	440.9	503.7	594.8	692.3	788.9	844.4
60°	342.5	368.9	411.7	483.7	566.6	649.5	703.2
62.5°	290.6	307.9	336.1	389.0	453.6	518.3	568.4
65°	250.5	257.8	273.3	306.1	355.3	404.4	447.3
67.5°	211.3	215.9	227.7	247.8	272.4	307.9	336.1
70°	182.2	182.2	183.1	194.9	207.7	230.5	250.5
72.5°	158.5	155.8	150.3	153.0	155.8	168.5	181.3
75°	139.4	133.0	123.9	120.2	118.4	120.2	127.5
77.5°	123.0	113.9	102.9	93.8	86.5	83.8	90.2
80°	109.3	98.4	85.6	73.8	61.9	55.6	58.3
82.5°	98.4	84.7	71.1	57.4	43.7	34.6	34.6
85°	86.5	73.8	59.2	44.6	31.0	19.1	17.3
87.5°	78.3	64.7	49.2	35.5	21.9	10.0	5.5
90°	70.1	56.5	41.9	28.2	15.5	4.6	0.0
92.5°	62.9	50.1	36.4	22.8	10.9	2.7	0.0
95°	56.5	44.6	31.0	19.1	9.1	1.8	0.9
97.5°	50.1	39.2	27.3	15.5	6.4	1.8	0.9
100°	45.5	34.6	23.7	12.8	5.5	0.9	0.9
102.5°	40.1	31.0	20.0	10.9	4.6	0.9	0.9
105°	35.5	27.3	17.3	9.1	3.6	0.9	0.9
107.5°	31.9	23.7	15.5	8.2	3.6	0.9	0.9
110°	28.2	21.0	13.7	7.3	2.7	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	25.5	18.2	11.8	6.4	1.8	0.9	0.9
115°	21.9	16.4	10.0	5.5	1.8	0.9	0.9
117.5°	19.1	13.7	9.1	4.6	1.8	0.9	0.9
120°	16.4	11.8	7.3	3.6	0.9	0.9	0.9
122.5°	14.6	10.0	6.4	3.6	0.9	0.9	0.9
125°	12.8	9.1	5.5	2.7	0.9	0.9	0.9
127.5°	10.9	7.3	4.6	1.8	0.9	0.9	0.9
130°	9.1	6.4	3.6	1.8	0.9	0.9	0.9
132.5°	7.3	5.5	3.6	1.8	0.9	0.9	0.9
135°	6.4	4.6	2.7	1.8	0.9	0.9	0.9
137.5°	5.5	3.6	1.8	1.8	1.8	0.9	0.9
140°	4.6	2.7	1.8	1.8	1.8	1.8	0.9
142.5°	3.6	2.7	1.8	1.8	1.8	1.8	0.9
145°	2.7	1.8	1.8	1.8	1.8	1.8	0.9
147.5°	2.7	1.8	1.8	1.8	1.8	1.8	0.9
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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)