

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: P290223

Luminaire Tested: **8SSRK-LC-50-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: P290223
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-L950-CD1-U
Description: 5000 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: 4867.9 lumens
Efficiency: N/A
Efficacy: 142.3 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

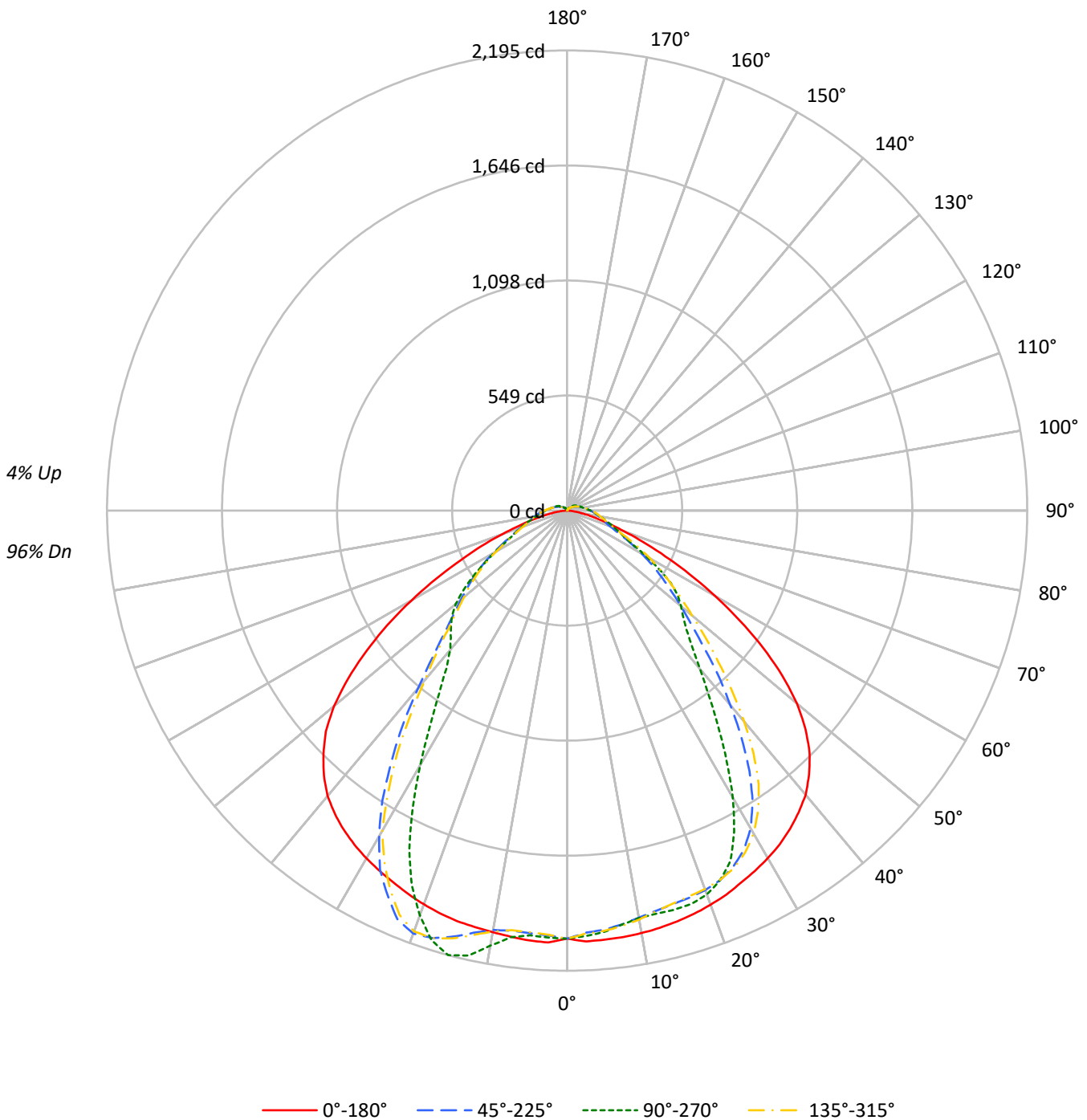
Input Watts (W): 34.1991
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	65936	65936	65936	65936
5°	66478	48449	66614	48828
10°	66849	37945	66708	40519
15°	67428	31809	67394	35417
20°	68238	27273	68166	28749
25°	69152	22926	69113	22152
30°	70530	17813	70571	15782
35°	72000	13017	72206	11016
40°	73322	9522	73628	8389
45°	73182	7351	73558	7158
50°	70162	6174	71142	6037
55°	62391	5060	63950	4600
60°	50752	3522	53451	3231
65°	37879	2440	40805	2313
70°	25898	1894	29202	1810
75°	17098	1520	19900	1437
80°	11226	1242	13155	1143
85°	5985	1062	7900	970



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.0	4.0
10°-20°	577.1	11.9
20°-30°	877.3	18.0
30°-40°	941.2	19.3
40°-50°	816.9	16.8
50°-60°	605.4	12.4
60°-70°	346.9	7.1
70°-80°	192.1	3.9
80°-90°	117.0	2.4
90°-100°	76.1	1.6
100°-110°	50.9	1.0
110°-120°	34.4	0.7
120°-130°	21.1	0.4
130°-140°	11.1	0.2
140°-150°	5.1	0.1
150°-160°	1.5	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1648.4	33.9
0°-40°	2589.6	53.2
0°-60°	4011.8	82.4
0°-90°	4667.7	95.9
90°-120°	161.4	3.3
90°-150°	198.7	4.1
90°-180°	200.0	4.1
0°-180°	4867.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2042	2042	2042	2042	2042	
5°	2055	2018	2059	2034	2055	196
15°	2028	1971	2027	2195	2028	574
25°	1960	1844	1959	1781	1960	906
35°	1853	1255	1858	1062	1853	1160
45°	1636	805	1644	784	1636	1252
55°	1141	603	1170	548	1141	1012
65°	518	306	558	290	518	522
75°	148	194	172	184	148	169
85°	20	134	26	122	20	26
90°	0	112	2	103	0	1
95°	1	92	0	88	1	1
105°	1	69	1	65	1	1
115°	1	56	1	51	1	1
125°	1	42	1	35	1	1
135°	1	26	1	22	1	1
145°	1	16	2	13	1	1
155°	2	7	2	6	2	1
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°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2056.7	2051.4	2049.3	2045.1	2048.3	2060.9	2052.5	2038.8	2039.8	2015.6	2028.2
5°	2054.6	2048.3	2045.1	2040.9	2043.0	2054.6	2046.2	2032.4	2031.4	2007.1	2018.7
7.5°	2051.4	2045.1	2039.8	2036.7	2037.7	2047.2	2036.7	2020.8	2017.7	1991.3	2001.9
10°	2046.2	2041.9	2034.6	2029.3	2028.2	2038.8	2021.9	2006.1	1998.7	1971.3	1981.8
12.5°	2038.8	2032.4	2025.1	2015.6	2014.5	2020.8	2007.1	1985.0	1977.6	1955.4	1967.1
15°	2028.2	2020.8	2012.4	2001.9	1996.6	2000.8	1983.9	1963.9	1962.8	1943.8	1959.7
17.5°	2016.6	2006.1	1996.6	1981.8	1974.4	1977.6	1963.9	1946.0	1948.1	1936.5	1954.4
20°	2000.8	1989.2	1974.4	1959.7	1949.1	1954.4	1944.9	1931.2	1934.4	1925.9	1941.7
22.5°	1982.9	1967.1	1949.1	1932.2	1923.8	1931.2	1923.8	1912.2	1913.3	1908.0	1917.5
25°	1959.7	1941.7	1920.6	1899.5	1895.3	1900.6	1896.4	1886.9	1882.7	1874.2	1878.5
27.5°	1938.6	1918.5	1892.2	1870.0	1862.6	1873.2	1863.7	1847.9	1836.3	1824.7	1816.2
30°	1914.3	1890.1	1860.5	1835.2	1828.9	1833.1	1819.4	1795.1	1764.5	1749.8	1726.6
32.5°	1887.9	1856.3	1819.4	1790.9	1786.7	1783.5	1758.2	1723.4	1675.9	1646.4	1610.6
35°	1853.1	1818.3	1774.0	1739.2	1732.9	1715.0	1673.8	1627.4	1566.3	1515.6	1454.5
37.5°	1814.1	1773.0	1726.6	1680.2	1662.2	1626.4	1568.4	1519.8	1427.0	1365.9	1292.0
40°	1769.8	1720.2	1663.3	1607.4	1577.9	1519.8	1453.4	1381.7	1292.0	1209.8	1147.5
42.5°	1708.6	1655.9	1588.4	1526.2	1475.6	1398.6	1320.5	1219.3	1137.0	1067.4	1004.1
45°	1635.9	1572.6	1494.5	1419.7	1355.3	1263.6	1171.8	1070.5	1002.0	920.8	877.5
47.5°	1542.0	1473.4	1390.1	1306.8	1222.4	1121.2	1025.2	928.2	859.6	801.6	769.9
50°	1431.3	1368.0	1276.2	1177.1	1084.3	978.8	882.8	810.0	743.6	707.7	683.5
52.5°	1294.1	1235.1	1141.2	1033.6	944.0	840.6	753.1	694.0	646.5	620.2	611.7
55°	1141.2	1089.5	996.7	896.5	804.8	709.8	643.4	591.7	561.1	545.3	546.3
57.5°	977.7	937.6	850.1	760.5	674.0	602.2	542.1	501.0	477.8	476.7	479.9
60°	814.2	784.7	708.8	631.8	555.8	497.8	453.5	425.1	410.3	411.3	410.3
62.5°	658.1	630.7	575.9	512.6	452.5	413.4	373.4	361.8	349.1	348.1	348.1
65°	517.9	496.8	452.5	407.1	361.8	336.5	316.4	302.7	293.2	291.1	292.2
67.5°	389.2	380.8	350.2	319.6	291.1	275.3	258.4	255.2	247.9	247.9	250.0
70°	290.0	283.7	266.8	248.9	237.3	226.8	218.3	218.3	217.3	216.2	221.5
72.5°	209.9	210.9	205.7	192.0	190.9	188.8	186.7	189.8	190.9	194.1	200.4
75°	147.7	150.8	150.8	148.7	152.9	158.2	161.4	166.6	173.0	177.2	184.6
77.5°	104.4	104.4	109.7	116.0	124.5	133.9	142.4	149.8	158.2	163.5	169.8
80°	67.5	70.7	79.1	90.7	102.3	115.0	126.6	136.1	144.5	152.9	157.2
82.5°	40.1	45.4	55.9	70.7	85.4	101.3	112.9	124.5	133.9	142.4	145.6
85°	20.0	27.4	40.1	55.9	71.7	88.6	103.4	113.9	124.5	131.8	136.1
87.5°	6.3	14.8	28.5	43.2	60.1	77.0	92.8	104.4	113.9	120.2	124.5
90°	0.0	7.4	20.0	35.9	51.7	68.6	83.3	96.0	105.5	110.7	113.9
92.5°	0.0	4.2	15.8	29.5	44.3	61.2	75.9	87.5	96.0	101.3	103.4
95°	1.1	3.2	11.6	24.3	39.0	54.8	68.6	79.1	87.5	92.8	93.9
97.5°	1.1	2.1	9.5	20.0	33.8	48.5	62.2	72.8	79.1	84.4	85.4
100°	1.1	2.1	7.4	17.9	29.5	43.2	55.9	65.4	72.8	77.0	78.0
102.5°	1.1	1.1	6.3	14.8	26.4	38.0	49.6	59.1	65.4	69.6	71.7
105°	1.1	1.1	5.3	12.7	23.2	33.8	44.3	53.8	59.1	63.3	65.4
107.5°	1.1	1.1	4.2	10.5	20.0	29.5	40.1	47.5	53.8	58.0	60.1
110°	1.1	1.1	3.2	9.5	16.9	26.4	34.8	42.2	48.5	52.7	54.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.1	1.1	3.2	8.4	14.8	23.2	30.6	38.0	43.2	47.5	50.6
115°	1.1	1.1	3.2	7.4	13.7	20.0	27.4	33.8	39.0	43.2	46.4
117.5°	1.1	1.1	3.2	6.3	11.6	17.9	24.3	30.6	34.8	39.0	42.2
120°	1.1	1.1	2.1	5.3	10.5	15.8	21.1	26.4	31.6	35.9	39.0
122.5°	1.1	1.1	2.1	5.3	8.4	13.7	19.0	23.2	28.5	31.6	34.8
125°	1.1	1.1	2.1	4.2	7.4	12.7	16.9	21.1	24.3	28.5	31.6
127.5°	1.1	1.1	2.1	4.2	6.3	10.5	14.8	19.0	22.1	25.3	27.4
130°	1.1	1.1	2.1	3.2	5.3	8.4	12.7	15.8	20.0	22.1	24.3
132.5°	1.1	1.1	1.1	3.2	4.2	6.3	9.5	13.7	16.9	20.0	21.1
135°	1.1	1.1	1.1	2.1	4.2	5.3	7.4	10.5	13.7	16.9	19.0
137.5°	1.1	1.1	1.1	2.1	3.2	5.3	6.3	8.4	11.6	13.7	16.9
140°	1.1	1.1	1.1	2.1	3.2	4.2	5.3	7.4	9.5	11.6	13.7
142.5°	1.1	1.1	1.1	2.1	2.1	3.2	4.2	6.3	7.4	9.5	11.6
145°	1.1	1.1	1.1	2.1	2.1	3.2	4.2	5.3	6.3	7.4	9.5
147.5°	1.1	1.1	1.1	2.1	2.1	2.1	3.2	4.2	5.3	6.3	7.4
150°	2.1	2.1	2.1	2.1	2.1	2.1	3.2	3.2	4.2	5.3	6.3
152.5°	2.1	2.1	2.1	2.1	2.1	2.1	3.2	3.2	3.2	4.2	5.3
155°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3.2	3.2	4.2	4.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2024.0	2026.1	2038.8	2037.7	2035.6	2033.5	2033.5	2031.4	2033.5	2038.8	2036.7
5°	2013.5	2016.6	2026.1	2025.1	2023.0	2021.9	2020.8	2017.7	2019.8	2027.2	2025.1
7.5°	1994.5	1997.6	2006.1	2001.9	1998.7	2000.8	1995.5	1992.4	1996.6	2004.0	2002.9
10°	1974.4	1976.5	1987.1	1985.0	1979.7	1980.8	1975.5	1973.4	1978.7	1982.9	1983.9
12.5°	1960.7	1968.1	1977.6	1976.5	1975.5	1976.5	1971.3	1969.2	1972.3	1976.5	1975.5
15°	1957.6	1967.1	1977.6	1977.6	1978.7	1979.7	1974.4	1971.3	1974.4	1977.6	1976.5
17.5°	1954.4	1966.0	1975.5	1974.4	1975.5	1977.6	1969.2	1967.1	1971.3	1975.5	1973.4
20°	1943.8	1954.4	1960.7	1958.6	1958.6	1959.7	1949.1	1949.1	1955.4	1958.6	1959.7
22.5°	1914.3	1927.0	1927.0	1921.7	1921.7	1917.5	1914.3	1908.0	1915.4	1920.6	1924.9
25°	1870.0	1875.3	1869.0	1857.4	1851.0	1845.8	1831.0	1843.6	1843.6	1859.5	1864.7
27.5°	1807.8	1796.2	1778.3	1754.0	1748.7	1731.8	1722.4	1725.5	1730.8	1752.9	1769.8
30°	1705.5	1670.7	1640.1	1629.5	1606.3	1589.5	1572.6	1581.0	1590.5	1603.2	1638.0
32.5°	1570.5	1536.7	1487.2	1469.2	1445.0	1423.9	1403.8	1416.5	1433.4	1441.8	1479.8
35°	1415.4	1375.4	1330.0	1299.4	1274.1	1262.5	1237.2	1255.1	1273.0	1279.4	1312.1
37.5°	1250.9	1209.8	1169.7	1143.3	1119.1	1111.7	1094.8	1107.5	1121.2	1130.7	1158.1
40°	1094.8	1056.8	1026.2	1008.3	991.4	985.1	978.8	984.1	994.6	1002.0	1023.1
42.5°	960.8	930.3	909.2	898.6	887.0	878.6	879.6	881.7	887.0	902.8	912.3
45°	843.8	825.8	812.1	810.0	802.6	801.6	800.5	804.8	807.9	817.4	824.8
47.5°	749.9	742.5	739.4	743.6	746.7	742.5	744.6	749.9	756.2	756.2	755.2
50°	676.1	678.2	682.4	691.9	698.2	700.3	702.4	708.8	709.8	711.9	708.8
52.5°	616.0	618.1	629.7	644.4	651.8	655.0	659.2	665.5	665.5	667.6	663.4
55°	554.8	557.9	569.5	584.3	590.6	594.9	599.1	603.3	606.5	610.7	607.5
57.5°	487.3	496.8	504.2	508.4	512.6	515.8	518.9	520.0	526.3	527.4	532.6
60°	415.6	417.7	425.1	424.0	420.8	429.3	425.1	432.4	439.8	449.3	450.4
62.5°	347.0	348.1	353.3	351.2	355.4	354.4	357.5	357.5	362.8	367.0	372.3
65°	293.2	294.3	298.5	298.5	297.4	300.6	303.8	305.9	305.9	309.0	313.3
67.5°	253.1	256.3	260.5	262.6	264.7	264.7	267.9	269.0	271.1	272.1	274.2
70°	225.7	229.9	234.1	236.3	237.3	239.4	240.5	240.5	242.6	243.6	245.7
72.5°	205.7	209.9	213.1	213.1	215.2	216.2	216.2	217.3	218.3	220.4	222.5
75°	188.8	192.0	194.1	193.0	193.0	193.0	194.1	194.1	196.2	198.3	200.4
77.5°	173.0	176.1	176.1	174.0	174.0	174.0	174.0	175.1	176.1	178.2	180.4
80°	161.4	161.4	160.3	160.3	158.2	157.2	157.2	158.2	158.2	160.3	163.5
82.5°	148.7	148.7	147.7	146.6	145.6	144.5	144.5	145.6	146.6	147.7	149.8
85°	137.1	137.1	135.0	135.0	133.9	133.9	133.9	133.9	135.0	136.1	138.2
87.5°	125.5	124.5	123.4	122.3	122.3	122.3	122.3	122.3	123.4	125.5	126.6
90°	113.9	112.9	111.8	111.8	110.7	110.7	111.8	111.8	112.9	113.9	115.0
92.5°	103.4	102.3	101.3	101.3	100.2	100.2	101.3	100.2	102.3	102.3	103.4
95°	93.9	92.8	91.8	91.8	91.8	91.8	91.8	91.8	92.8	92.8	93.9
97.5°	85.4	84.4	83.3	83.3	84.4	83.3	84.4	84.4	84.4	85.4	86.5
100°	78.0	77.0	77.0	78.0	77.0	77.0	78.0	78.0	78.0	78.0	79.1
102.5°	71.7	71.7	71.7	71.7	71.7	71.7	72.8	72.8	72.8	72.8	73.8
105°	65.4	66.4	66.4	66.4	67.5	67.5	67.5	68.6	68.6	68.6	68.6
107.5°	61.2	62.2	62.2	63.3	63.3	64.3	64.3	64.3	64.3	65.4	65.4
110°	57.0	58.0	59.1	60.1	60.1	61.2	61.2	61.2	61.2	61.2	61.2



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	52.7	53.8	54.8	57.0	58.0	58.0	58.0	58.0	59.1	59.1	58.0
115°	48.5	50.6	51.7	53.8	54.8	54.8	55.9	55.9	55.9	55.9	54.8
117.5°	44.3	47.5	48.5	50.6	51.7	51.7	52.7	52.7	52.7	52.7	51.7
120°	41.1	43.2	45.4	46.4	47.5	48.5	48.5	49.6	49.6	49.6	48.5
122.5°	38.0	40.1	42.2	43.2	44.3	45.4	45.4	45.4	45.4	45.4	45.4
125°	33.8	35.9	38.0	39.0	40.1	41.1	41.1	42.2	42.2	42.2	41.1
127.5°	30.6	32.7	33.8	35.9	36.9	36.9	38.0	38.0	38.0	38.0	36.9
130°	26.4	28.5	30.6	31.6	32.7	32.7	33.8	33.8	33.8	33.8	33.8
132.5°	23.2	25.3	26.4	28.5	28.5	29.5	29.5	30.6	30.6	30.6	29.5
135°	21.1	22.1	23.2	25.3	25.3	26.4	26.4	26.4	26.4	26.4	26.4
137.5°	19.0	20.0	21.1	22.1	22.1	23.2	23.2	23.2	23.2	24.3	23.2
140°	15.8	17.9	19.0	19.0	20.0	20.0	20.0	21.1	21.1	21.1	20.0
142.5°	13.7	14.8	15.8	16.9	17.9	17.9	17.9	17.9	19.0	17.9	17.9
145°	10.5	12.7	13.7	14.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
147.5°	8.4	9.5	11.6	12.7	12.7	13.7	13.7	13.7	13.7	13.7	13.7
150°	7.4	7.4	9.5	10.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6
152.5°	5.3	6.3	7.4	8.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5
155°	5.3	5.3	6.3	6.3	7.4	7.4	7.4	7.4	8.4	7.4	7.4
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: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2033.5	2032.4	2036.7	2032.4	2011.3	2019.8	2016.6	2028.2	2029.3	2032.4	2043.0
5°	2023.0	2023.0	2028.2	2024.0	2004.0	2012.4	2011.3	2023.0	2025.1	2027.2	2038.8
7.5°	2001.9	2002.9	2010.3	2007.1	1986.0	1998.7	1997.6	2011.3	2015.6	2019.8	2030.3
10°	1981.8	1980.8	1989.2	1986.0	1966.0	1980.8	1979.7	1993.4	1999.7	2007.1	2019.8
12.5°	1971.3	1968.1	1971.3	1968.1	1946.0	1957.6	1958.6	1974.4	1981.8	1991.3	2006.1
15°	1971.3	1966.0	1966.0	1959.7	1934.4	1941.7	1942.8	1953.3	1962.8	1972.3	1990.3
17.5°	1969.2	1963.9	1962.8	1957.6	1930.1	1930.1	1929.1	1936.5	1941.7	1951.2	1970.2
20°	1957.6	1955.4	1954.4	1951.2	1925.9	1921.7	1919.6	1919.6	1922.8	1925.9	1944.9
22.5°	1927.0	1929.1	1931.2	1933.3	1913.3	1905.9	1906.9	1904.8	1901.7	1901.7	1917.5
25°	1870.0	1880.6	1889.0	1898.5	1886.9	1881.6	1887.9	1884.8	1879.5	1875.3	1889.0
27.5°	1779.3	1801.5	1819.4	1842.6	1843.6	1839.4	1856.3	1854.2	1853.1	1846.8	1857.4
30°	1653.8	1688.6	1712.9	1746.6	1775.1	1779.3	1807.8	1812.0	1816.2	1813.1	1823.6
32.5°	1501.9	1549.4	1590.5	1643.3	1670.7	1694.9	1735.0	1751.9	1768.8	1774.0	1785.6
35°	1336.3	1390.1	1438.6	1496.6	1539.9	1592.6	1641.1	1666.5	1704.4	1719.2	1736.1
37.5°	1179.2	1229.8	1277.3	1335.3	1404.9	1459.7	1519.8	1576.8	1628.5	1649.6	1674.9
40°	1040.0	1081.1	1126.4	1177.1	1240.3	1312.1	1377.5	1456.6	1517.7	1559.9	1596.8
42.5°	934.5	954.5	993.5	1038.9	1089.5	1162.3	1228.7	1317.3	1391.2	1451.3	1512.5
45°	840.6	850.1	878.6	902.8	954.5	1018.9	1089.5	1176.0	1253.0	1330.0	1403.8
47.5°	760.5	772.1	785.8	800.5	837.4	891.2	952.4	1030.5	1107.5	1197.1	1281.5
50°	706.7	709.8	711.9	718.3	740.4	777.3	826.9	893.3	967.2	1063.2	1152.8
52.5°	659.2	659.2	652.9	649.7	658.1	681.3	709.8	757.3	833.2	921.8	1016.7
55°	608.6	599.1	597.0	586.4	588.5	599.1	612.8	649.7	711.9	787.9	879.6
57.5°	537.9	533.7	533.7	529.5	521.0	526.3	529.5	555.8	600.1	665.5	745.7
60°	456.7	454.6	459.9	460.9	453.5	456.7	455.6	471.5	503.1	555.8	622.3
62.5°	375.5	385.0	386.0	390.2	386.0	385.0	390.2	404.0	419.8	459.9	511.5
65°	315.4	320.6	321.7	327.0	324.9	324.9	329.1	339.6	349.1	376.5	416.6
67.5°	276.3	274.2	275.3	278.4	275.3	274.2	277.4	283.7	291.1	308.0	336.5
70°	245.7	243.6	243.6	243.6	239.4	236.3	237.3	239.4	242.6	252.1	270.0
72.5°	222.5	222.5	219.4	216.2	213.1	210.9	208.8	206.7	205.7	208.8	218.3
75°	201.5	202.5	201.5	198.3	194.1	189.8	185.6	181.4	176.1	174.0	175.1
77.5°	182.5	183.5	184.6	183.5	179.3	174.0	167.7	161.4	154.0	146.6	142.4
80°	165.6	167.7	168.8	167.7	164.5	160.3	152.9	145.6	135.0	125.5	115.0
82.5°	150.8	154.0	155.0	155.0	152.9	148.7	140.3	131.8	120.2	107.6	93.9
85°	139.2	141.3	143.4	143.4	142.4	138.2	129.7	120.2	108.6	93.9	79.1
87.5°	127.6	128.7	130.8	132.9	130.8	126.6	119.2	108.6	97.0	82.3	65.4
90°	116.0	117.1	119.2	121.3	120.2	116.0	109.7	100.2	87.5	71.7	54.8
92.5°	104.4	106.5	107.6	108.6	109.7	106.5	101.3	91.8	79.1	63.3	47.5
95°	96.0	96.0	98.1	99.1	100.2	97.0	92.8	83.3	71.7	57.0	41.1
97.5°	87.5	87.5	89.7	89.7	90.7	88.6	84.4	75.9	64.3	50.6	34.8
100°	79.1	80.2	81.2	82.3	82.3	81.2	77.0	68.6	58.0	45.4	30.6
102.5°	73.8	73.8	74.9	74.9	75.9	73.8	69.6	62.2	51.7	40.1	26.4
105°	68.6	68.6	69.6	69.6	68.6	66.4	62.2	55.9	46.4	34.8	23.2
107.5°	64.3	64.3	64.3	64.3	63.3	61.2	57.0	49.6	41.1	31.6	21.1
110°	61.2	60.1	60.1	59.1	58.0	54.8	50.6	44.3	36.9	27.4	17.9



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	58.0	57.0	55.9	54.8	52.7	49.6	45.4	40.1	32.7	24.3	15.8
115°	54.8	53.8	52.7	50.6	48.5	45.4	41.1	35.9	28.5	21.1	13.7
117.5°	51.7	50.6	48.5	46.4	44.3	41.1	36.9	31.6	25.3	19.0	12.7
120°	47.5	46.4	45.4	43.2	41.1	36.9	32.7	28.5	22.1	16.9	10.5
122.5°	44.3	43.2	41.1	40.1	36.9	33.8	29.5	25.3	20.0	14.8	9.5
125°	40.1	39.0	38.0	35.9	33.8	29.5	26.4	22.1	17.9	12.7	7.4
127.5°	36.9	35.9	33.8	31.6	29.5	26.4	23.2	20.0	15.8	10.5	7.4
130°	32.7	31.6	30.6	28.5	26.4	23.2	21.1	16.9	13.7	9.5	6.3
132.5°	28.5	28.5	27.4	25.3	23.2	21.1	17.9	14.8	11.6	8.4	5.3
135°	26.4	25.3	24.3	22.1	21.1	17.9	15.8	12.7	9.5	7.4	4.2
137.5°	23.2	22.1	21.1	20.0	17.9	15.8	13.7	10.5	8.4	6.3	4.2
140°	20.0	19.0	19.0	16.9	15.8	13.7	11.6	9.5	7.4	5.3	3.2
142.5°	17.9	16.9	15.8	14.8	13.7	11.6	9.5	7.4	6.3	4.2	3.2
145°	15.8	14.8	13.7	12.7	11.6	9.5	8.4	6.3	5.3	4.2	3.2
147.5°	12.7	12.7	11.6	10.5	9.5	8.4	7.4	6.3	4.2	3.2	2.1
150°	10.5	10.5	9.5	8.4	8.4	7.4	6.3	5.3	4.2	3.2	2.1
152.5°	9.5	8.4	8.4	7.4	7.4	6.3	5.3	4.2	3.2	3.2	2.1
155°	7.4	7.4	7.4	6.3	6.3	5.3	4.2	4.2	3.2	2.1	2.1
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



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2045.1	2032.4	2043.0	2062.0	2059.9	2057.8	2055.6	2059.9	2073.6	2066.2	2054.6
5°	2041.9	2029.3	2040.9	2058.8	2057.8	2054.6	2052.5	2056.7	2070.4	2063.0	2050.4
7.5°	2035.6	2024.0	2032.4	2050.4	2050.4	2048.3	2046.2	2050.4	2063.0	2056.7	2044.0
10°	2025.1	2016.6	2025.1	2041.9	2043.0	2038.8	2036.7	2041.9	2054.6	2051.4	2040.9
12.5°	2016.6	2008.2	2017.7	2034.6	2035.6	2031.4	2028.2	2034.6	2051.4	2053.5	2050.4
15°	2005.0	1997.6	2009.2	2027.2	2027.2	2024.0	2024.0	2032.4	2055.6	2065.1	2070.4
17.5°	1988.1	1982.9	1996.6	2014.5	2015.6	2013.5	2014.5	2031.4	2062.0	2085.2	2099.9
20°	1967.1	1964.9	1979.7	1998.7	2001.9	2002.9	2008.2	2033.5	2075.7	2107.3	2122.1
22.5°	1941.7	1942.8	1959.7	1979.7	1983.9	1987.1	1997.6	2033.5	2086.2	2120.0	2126.3
25°	1913.3	1916.4	1934.4	1958.6	1963.9	1970.2	1988.1	2034.6	2089.4	2111.5	2101.0
27.5°	1882.7	1889.0	1912.2	1937.5	1943.8	1954.4	1977.6	2028.2	2074.6	2075.7	2036.7
30°	1851.0	1858.4	1885.8	1915.4	1925.9	1936.5	1964.9	2013.5	2038.8	2005.0	1936.5
32.5°	1815.2	1825.7	1853.1	1889.0	1901.7	1915.4	1943.8	1985.0	1975.5	1902.7	1804.6
35°	1769.8	1784.6	1816.2	1858.4	1870.0	1887.9	1908.0	1917.5	1875.3	1771.9	1661.2
37.5°	1713.9	1736.1	1773.0	1821.5	1834.2	1845.8	1851.0	1824.7	1740.3	1628.5	1513.5
40°	1649.6	1683.3	1723.4	1777.2	1789.9	1789.9	1770.9	1715.0	1608.4	1461.8	1334.2
42.5°	1571.5	1612.7	1663.3	1717.1	1729.7	1715.0	1669.6	1571.5	1450.2	1286.8	1151.8
45°	1476.6	1531.5	1588.4	1644.3	1650.6	1617.9	1536.7	1412.3	1262.5	1110.6	981.9
47.5°	1363.8	1435.5	1497.7	1561.0	1552.5	1497.7	1389.1	1247.7	1089.5	946.1	842.7
50°	1237.2	1321.6	1391.2	1451.3	1433.4	1357.4	1229.8	1082.1	925.0	802.6	717.2
52.5°	1102.2	1199.2	1268.8	1317.3	1293.1	1202.4	1062.1	920.8	792.1	680.3	623.3
55°	961.9	1060.0	1131.7	1169.7	1138.0	1040.0	901.8	773.1	651.8	579.0	545.3
57.5°	825.8	917.6	985.1	1015.7	975.6	877.5	749.9	641.3	553.7	492.6	475.7
60°	695.1	769.9	834.3	857.5	814.2	723.5	613.8	527.4	463.0	420.8	412.4
62.5°	573.8	634.9	685.6	703.5	661.3	590.6	495.7	431.4	386.0	364.9	354.4
65°	473.6	509.4	561.1	557.9	532.6	467.2	397.6	352.3	322.7	309.0	302.7
67.5°	372.3	405.0	437.7	441.9	410.3	364.9	319.6	286.9	271.1	263.7	260.5
70°	287.9	312.2	332.2	327.0	310.1	281.6	253.1	235.2	228.9	225.7	225.7
72.5°	223.6	236.3	245.7	239.4	228.9	214.1	200.4	193.0	194.1	196.2	198.3
75°	173.0	176.1	178.2	171.9	169.8	160.3	159.3	160.3	166.6	173.0	176.1
77.5°	132.9	128.7	125.5	119.2	120.2	119.2	124.5	132.9	142.4	151.9	160.3
80°	102.3	92.8	85.4	79.1	82.3	87.5	98.1	110.7	123.4	133.9	144.5
82.5°	79.1	65.4	54.8	48.5	54.8	63.3	77.0	92.8	107.6	119.2	130.8
85°	61.2	45.4	32.7	26.4	32.7	45.4	60.1	78.0	93.9	106.5	118.1
87.5°	47.5	32.7	17.9	10.5	17.9	31.6	48.5	65.4	81.2	96.0	107.6
90°	38.0	22.1	8.4	2.1	9.5	22.1	38.0	54.8	70.7	86.5	98.1
92.5°	30.6	15.8	4.2	0.0	5.3	16.9	31.6	47.5	63.3	78.0	89.7
95°	25.3	12.7	3.2	0.0	4.2	12.7	25.3	41.1	55.9	70.7	80.2
97.5°	21.1	9.5	2.1	0.0	2.1	10.5	21.1	34.8	49.6	63.3	72.8
100°	17.9	8.4	2.1	0.0	2.1	8.4	17.9	30.6	43.2	55.9	65.4
102.5°	14.8	6.3	1.1	1.1	1.1	6.3	15.8	26.4	38.0	49.6	59.1
105°	13.7	5.3	1.1	1.1	1.1	5.3	13.7	23.2	33.8	44.3	52.7
107.5°	11.6	4.2	1.1	1.1	1.1	4.2	11.6	20.0	30.6	40.1	47.5
110°	9.5	4.2	1.1	1.1	1.1	4.2	9.5	17.9	26.4	34.8	42.2



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	8.4	3.2	1.1	1.1	1.1	3.2	8.4	15.8	23.2	31.6	38.0
115°	7.4	3.2	1.1	1.1	1.1	3.2	7.4	13.7	20.0	27.4	33.8
117.5°	6.3	3.2	1.1	1.1	1.1	2.1	6.3	11.6	17.9	24.3	30.6
120°	5.3	2.1	1.1	1.1	1.1	2.1	5.3	10.5	15.8	21.1	26.4
122.5°	5.3	2.1	1.1	1.1	1.1	2.1	4.2	8.4	13.7	17.9	23.2
125°	4.2	2.1	1.1	1.1	1.1	1.1	4.2	7.4	11.6	15.8	20.0
127.5°	4.2	2.1	1.1	1.1	1.1	1.1	3.2	6.3	9.5	13.7	17.9
130°	3.2	2.1	1.1	1.1	1.1	1.1	2.1	5.3	8.4	11.6	14.8
132.5°	3.2	2.1	1.1	1.1	1.1	1.1	2.1	4.2	6.3	9.5	12.7
135°	3.2	1.1	1.1	1.1	1.1	1.1	1.1	3.2	5.3	7.4	9.5
137.5°	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	4.2	5.3	8.4
140°	2.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	3.2	4.2	6.3
142.5°	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	3.2	5.3
145°	2.1	1.1	1.1	2.1	2.1	1.1	1.1	2.1	2.1	3.2	4.2
147.5°	2.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.1	2.1	3.2
150°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3.2
152.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
155°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2052.5	2028.2	2040.9	2036.7	2040.9	2051.4	2050.4	2047.2	2049.3	2044.0	2038.8
5°	2048.3	2024.0	2036.7	2031.4	2036.7	2047.2	2045.1	2041.9	2045.1	2038.8	2033.5
7.5°	2043.0	2020.8	2035.6	2034.6	2044.0	2057.8	2058.8	2058.8	2066.2	2056.7	2052.5
10°	2043.0	2031.4	2051.4	2058.8	2083.1	2101.0	2103.1	2107.3	2120.0	2117.9	2107.3
12.5°	2065.1	2063.0	2092.6	2110.5	2132.6	2158.0	2171.7	2175.9	2184.3	2178.0	2173.8
15°	2093.6	2104.2	2136.9	2156.9	2181.2	2200.1	2203.3	2205.4	2211.7	2202.3	2194.9
17.5°	2131.6	2137.9	2164.3	2172.7	2188.5	2191.7	2187.5	2176.9	2176.9	2155.8	2149.5
20°	2149.5	2146.4	2156.9	2143.2	2136.9	2117.9	2099.9	2079.9	2078.9	2056.7	2054.6
22.5°	2133.7	2112.6	2090.5	2056.7	2041.9	2014.5	1990.3	1978.7	1971.3	1942.8	1935.4
25°	2077.8	2026.1	1993.4	1953.3	1917.5	1885.8	1862.6	1838.4	1815.2	1792.0	1781.4
27.5°	1980.8	1932.2	1879.5	1823.6	1774.0	1725.5	1686.5	1662.2	1640.1	1609.5	1593.7
30°	1861.6	1794.1	1736.1	1682.3	1601.1	1542.0	1509.3	1460.8	1443.9	1430.2	1400.7
32.5°	1721.3	1640.1	1561.0	1488.2	1404.9	1350.0	1306.8	1270.9	1260.4	1224.5	1216.1
35°	1566.3	1459.7	1370.1	1298.4	1238.2	1171.8	1135.9	1111.7	1090.6	1066.3	1062.1
37.5°	1383.8	1287.8	1186.6	1123.3	1075.8	1018.9	991.4	974.6	965.1	947.1	944.0
40°	1200.3	1104.3	1034.7	971.4	941.9	911.3	891.2	883.9	879.6	873.3	867.0
42.5°	1033.6	949.2	899.7	857.5	844.8	830.1	824.8	829.0	824.8	822.7	821.6
45°	892.3	828.0	793.1	780.5	777.3	773.1	777.3	784.7	785.8	783.7	783.7
47.5°	763.6	733.0	718.3	720.4	725.6	728.8	736.2	745.7	747.8	742.5	744.6
50°	679.2	661.3	658.1	666.6	678.2	682.4	690.8	698.2	697.2	695.1	693.0
52.5°	600.1	594.9	603.3	611.7	624.4	626.5	629.7	632.8	631.8	627.6	625.4
55°	533.7	537.9	545.3	548.5	557.9	556.9	557.9	557.9	553.7	551.6	548.5
57.5°	473.6	474.6	478.8	479.9	485.2	483.1	482.0	479.9	473.6	472.5	469.3
60°	412.4	410.3	419.8	412.4	416.6	412.4	411.3	406.1	399.7	398.7	396.6
62.5°	354.4	350.2	356.5	353.3	355.4	351.2	349.1	342.8	337.5	336.5	335.4
65°	302.7	300.6	306.9	305.9	308.0	302.7	300.6	296.4	292.2	291.1	290.0
67.5°	259.5	264.7	267.9	267.9	270.0	269.0	263.7	262.6	261.6	257.4	257.4
70°	227.8	231.0	237.3	238.4	237.3	239.4	235.2	234.1	233.1	231.0	229.9
72.5°	202.5	206.7	213.1	214.1	213.1	213.1	210.9	209.9	209.9	206.7	206.7
75°	182.5	187.7	193.0	193.0	193.0	190.9	188.8	188.8	186.7	185.6	183.5
77.5°	165.6	171.9	176.1	175.1	174.0	171.9	171.9	168.8	165.6	165.6	163.5
80°	152.9	157.2	160.3	159.3	158.2	155.0	154.0	150.8	148.7	145.6	145.6
82.5°	139.2	144.5	146.6	145.6	143.4	140.3	139.2	137.1	135.0	133.9	131.8
85°	127.6	132.9	133.9	131.8	129.7	127.6	126.6	125.5	124.5	122.3	122.3
87.5°	116.0	121.3	121.3	120.2	118.1	117.1	116.0	115.0	113.9	112.9	111.8
90°	106.5	110.7	110.7	109.7	108.6	107.6	106.5	105.5	104.4	103.4	103.4
92.5°	97.0	101.3	101.3	100.2	99.1	98.1	98.1	97.0	96.0	94.9	93.9
95°	88.6	92.8	92.8	92.8	91.8	90.7	90.7	89.7	88.6	88.6	87.5
97.5°	80.2	84.4	84.4	84.4	83.3	82.3	82.3	81.2	81.2	81.2	80.2
100°	72.8	75.9	77.0	77.0	75.9	75.9	75.9	74.9	74.9	74.9	73.8
102.5°	65.4	68.6	70.7	70.7	70.7	69.6	69.6	69.6	69.6	69.6	68.6
105°	59.1	62.2	64.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
107.5°	53.8	57.0	59.1	60.1	61.2	61.2	62.2	62.2	62.2	62.2	62.2
110°	48.5	51.7	54.8	55.9	57.0	58.0	58.0	59.1	58.0	58.0	58.0



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	43.2	47.5	49.6	51.7	52.7	53.8	54.8	54.8	54.8	54.8	54.8
115°	39.0	43.2	45.4	47.5	49.6	50.6	50.6	51.7	51.7	51.7	50.6
117.5°	34.8	39.0	41.1	43.2	44.3	46.4	47.5	47.5	47.5	47.5	46.4
120°	31.6	34.8	36.9	39.0	41.1	42.2	43.2	43.2	43.2	43.2	43.2
122.5°	27.4	30.6	33.8	35.9	36.9	38.0	39.0	39.0	39.0	39.0	39.0
125°	24.3	27.4	29.5	31.6	32.7	34.8	34.8	34.8	34.8	34.8	34.8
127.5°	21.1	24.3	26.4	28.5	29.5	30.6	31.6	31.6	31.6	31.6	31.6
130°	17.9	21.1	23.2	25.3	26.4	27.4	27.4	28.5	28.5	28.5	28.5
132.5°	15.8	17.9	20.0	22.1	23.2	24.3	24.3	25.3	25.3	25.3	25.3
135°	12.7	15.8	16.9	19.0	20.0	21.1	21.1	22.1	22.1	22.1	22.1
137.5°	10.5	12.7	14.8	16.9	17.9	17.9	19.0	19.0	20.0	20.0	20.0
140°	8.4	9.5	12.7	13.7	14.8	15.8	16.9	16.9	16.9	16.9	16.9
142.5°	6.3	8.4	9.5	11.6	12.7	13.7	14.8	14.8	14.8	14.8	14.8
145°	5.3	6.3	7.4	9.5	10.5	11.6	12.7	12.7	12.7	12.7	12.7
147.5°	4.2	5.3	6.3	7.4	8.4	9.5	10.5	10.5	10.5	10.5	10.5
150°	3.2	4.2	5.3	5.3	6.3	7.4	8.4	9.5	9.5	9.5	9.5
152.5°	3.2	3.2	4.2	4.2	5.3	6.3	7.4	7.4	7.4	7.4	7.4
155°	2.1	3.2	3.2	3.2	4.2	4.2	5.3	6.3	6.3	6.3	6.3
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: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2041.9	2046.2	2044.0	2040.9	2039.8	2045.1	2039.8	2015.6	2025.1	2026.1	2033.5
5°	2038.8	2041.9	2039.8	2037.7	2034.6	2040.9	2034.6	2009.2	2018.7	2019.8	2027.2
7.5°	2059.9	2060.9	2060.9	2055.6	2047.2	2050.4	2041.9	2013.5	2018.7	2018.7	2024.0
10°	2112.6	2114.7	2117.9	2104.2	2093.6	2085.2	2073.6	2038.8	2037.7	2029.3	2029.3
12.5°	2181.2	2175.9	2170.6	2164.3	2155.8	2145.3	2128.4	2087.3	2073.6	2059.9	2046.2
15°	2201.2	2199.1	2198.0	2194.9	2189.6	2186.4	2173.8	2132.6	2112.6	2095.7	2071.5
17.5°	2148.5	2152.7	2166.4	2167.4	2173.8	2186.4	2184.3	2155.8	2137.9	2130.5	2101.0
20°	2053.5	2054.6	2071.5	2078.9	2106.3	2127.4	2143.2	2140.0	2135.8	2144.2	2122.1
22.5°	1939.6	1947.0	1964.9	1976.5	2002.9	2027.2	2052.5	2066.2	2088.3	2123.1	2118.9
25°	1784.6	1794.1	1819.4	1838.4	1875.3	1912.2	1946.0	1970.2	1996.6	2063.0	2085.2
27.5°	1599.0	1613.7	1646.4	1665.4	1717.1	1755.1	1803.6	1851.0	1887.9	1963.9	2009.2
30°	1403.8	1416.5	1451.3	1477.7	1522.0	1573.6	1634.8	1702.3	1763.5	1840.5	1897.4
32.5°	1221.4	1235.1	1263.6	1286.8	1336.3	1379.6	1447.1	1530.4	1587.4	1693.9	1769.8
35°	1062.1	1074.8	1094.8	1114.8	1156.0	1200.3	1258.3	1339.5	1412.3	1523.0	1619.0
37.5°	950.3	952.4	964.0	975.6	1006.2	1040.0	1085.3	1157.0	1224.5	1343.7	1449.2
40°	870.1	870.1	876.5	879.6	893.3	913.4	941.9	997.8	1053.7	1144.4	1273.0
42.5°	820.6	818.5	818.5	819.5	818.5	828.0	844.8	871.2	920.8	995.7	1095.9
45°	783.7	779.4	776.3	768.9	764.7	764.7	765.7	775.2	803.7	852.2	933.4
47.5°	742.5	741.5	736.2	727.8	720.4	715.1	706.7	703.5	711.9	739.4	794.2
50°	695.1	689.8	684.5	678.2	669.7	664.5	648.7	649.7	642.3	655.0	683.5
52.5°	625.4	621.2	619.1	613.8	610.7	608.6	595.9	583.3	580.1	582.2	592.8
55°	548.5	550.6	542.1	546.3	545.3	535.8	530.5	521.0	517.9	516.8	522.1
57.5°	468.3	470.4	465.1	469.3	469.3	464.1	460.9	460.9	453.5	447.2	454.6
60°	395.5	391.3	394.5	399.7	399.7	396.6	394.5	394.5	389.2	387.1	392.4
62.5°	336.5	332.2	335.4	340.7	341.7	339.6	337.5	337.5	331.2	331.2	335.4
65°	291.1	292.2	291.1	295.3	295.3	296.4	294.3	292.2	284.8	287.9	286.9
67.5°	258.4	257.4	257.4	261.6	260.5	262.6	260.5	257.4	252.1	247.9	246.8
70°	231.0	229.9	229.9	232.0	233.1	233.1	232.0	229.9	222.5	218.3	215.2
72.5°	206.7	205.7	206.7	207.8	208.8	209.9	208.8	206.7	200.4	195.1	189.8
75°	184.6	183.5	186.7	186.7	187.7	187.7	188.8	187.7	182.5	176.1	169.8
77.5°	162.4	163.5	166.6	167.7	169.8	170.9	171.9	171.9	166.6	161.4	152.9
80°	144.5	146.6	148.7	149.8	151.9	155.0	156.1	157.2	152.9	147.7	138.2
82.5°	131.8	132.9	135.0	136.1	139.2	140.3	141.3	143.4	141.3	136.1	125.5
85°	121.3	122.3	124.5	124.5	126.6	128.7	129.7	130.8	129.7	124.5	113.9
87.5°	111.8	112.9	113.9	115.0	116.0	117.1	118.1	119.2	118.1	112.9	103.4
90°	103.4	103.4	104.4	104.4	105.5	106.5	108.6	108.6	107.6	103.4	93.9
92.5°	93.9	94.9	94.9	96.0	97.0	98.1	99.1	99.1	98.1	93.9	85.4
95°	87.5	87.5	88.6	88.6	89.7	89.7	90.7	90.7	89.7	85.4	77.0
97.5°	80.2	80.2	80.2	80.2	81.2	81.2	82.3	82.3	81.2	77.0	69.6
100°	73.8	73.8	73.8	73.8	73.8	74.9	74.9	74.9	73.8	69.6	62.2
102.5°	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	66.4	63.3	55.9
105°	65.4	65.4	65.4	64.3	64.3	64.3	63.3	63.3	60.1	57.0	50.6
107.5°	61.2	61.2	61.2	60.1	60.1	59.1	58.0	58.0	54.8	51.7	45.4
110°	58.0	58.0	58.0	57.0	55.9	54.8	53.8	52.7	49.6	45.4	40.1



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	54.8	54.8	53.8	53.8	52.7	51.7	49.6	48.5	45.4	41.1	35.9
115°	50.6	50.6	50.6	49.6	48.5	47.5	46.4	44.3	41.1	36.9	31.6
117.5°	46.4	46.4	46.4	45.4	44.3	43.2	42.2	40.1	36.9	32.7	28.5
120°	42.2	42.2	42.2	41.1	40.1	39.0	38.0	35.9	32.7	29.5	24.3
122.5°	39.0	39.0	38.0	36.9	35.9	34.8	33.8	31.6	29.5	25.3	21.1
125°	34.8	34.8	33.8	33.8	32.7	31.6	30.6	28.5	25.3	22.1	19.0
127.5°	31.6	30.6	30.6	30.6	29.5	28.5	26.4	25.3	22.1	19.0	15.8
130°	27.4	27.4	27.4	26.4	26.4	25.3	23.2	21.1	19.0	16.9	13.7
132.5°	24.3	24.3	24.3	24.3	23.2	22.1	20.0	19.0	16.9	13.7	11.6
135°	22.1	22.1	21.1	21.1	20.0	19.0	17.9	15.8	13.7	11.6	9.5
137.5°	19.0	19.0	19.0	17.9	17.9	16.9	14.8	13.7	12.7	10.5	8.4
140°	16.9	16.9	15.8	15.8	14.8	14.8	13.7	11.6	10.5	8.4	7.4
142.5°	14.8	14.8	13.7	13.7	12.7	12.7	11.6	10.5	8.4	7.4	5.3
145°	12.7	12.7	11.6	11.6	11.6	10.5	9.5	8.4	7.4	6.3	5.3
147.5°	10.5	10.5	10.5	9.5	9.5	8.4	8.4	7.4	6.3	5.3	4.2
150°	9.5	9.5	8.4	8.4	8.4	7.4	6.3	6.3	5.3	4.2	3.2
152.5°	7.4	7.4	7.4	7.4	6.3	6.3	5.3	5.3	4.2	3.2	3.2
155°	6.3	6.3	6.3	5.3	5.3	5.3	4.2	4.2	3.2	3.2	2.1
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



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2030.3	2029.3	2038.8	2037.7	2025.1	2044.0	2056.7
5°	2025.1	2024.0	2032.4	2034.6	2020.8	2040.9	2054.6
7.5°	2020.8	2019.8	2029.3	2032.4	2018.7	2036.7	2051.4
10°	2021.9	2016.6	2025.1	2027.2	2014.5	2033.5	2046.2
12.5°	2029.3	2016.6	2019.8	2019.8	2008.2	2025.1	2038.8
15°	2047.2	2020.8	2016.6	2013.5	1998.7	2014.5	2028.2
17.5°	2067.2	2031.4	2016.6	2006.1	1988.1	2001.9	2016.6
20°	2087.3	2043.0	2018.7	2001.9	1977.6	1990.3	2000.8
22.5°	2096.8	2053.5	2020.8	1995.5	1964.9	1971.3	1982.9
25°	2084.1	2049.3	2016.6	1986.0	1949.1	1950.2	1959.7
27.5°	2037.7	2028.2	2007.1	1976.5	1936.5	1931.2	1938.6
30°	1958.6	1985.0	1986.0	1963.9	1921.7	1911.2	1914.3
32.5°	1847.9	1906.9	1941.7	1937.5	1900.6	1885.8	1887.9
35°	1720.2	1794.1	1870.0	1895.3	1869.0	1857.4	1853.1
37.5°	1567.3	1666.5	1767.7	1829.9	1825.7	1818.3	1814.1
40°	1398.6	1517.7	1638.0	1737.1	1767.7	1767.7	1769.8
42.5°	1218.2	1357.4	1489.3	1614.8	1686.5	1702.3	1708.6
45°	1044.2	1184.4	1327.9	1472.4	1568.4	1617.9	1635.9
47.5°	886.0	1027.3	1163.4	1321.6	1449.2	1513.5	1542.0
50°	751.0	856.4	999.9	1157.0	1296.2	1375.4	1431.3
52.5°	639.2	721.4	846.9	993.5	1133.8	1242.5	1294.1
55°	545.3	601.2	707.7	834.3	968.2	1081.1	1141.2
57.5°	466.2	510.5	583.3	688.7	801.6	913.4	977.7
60°	396.6	427.2	476.7	560.1	656.0	752.0	814.2
62.5°	336.5	356.5	389.2	450.4	525.2	600.1	658.1
65°	290.0	298.5	316.4	354.4	411.3	468.3	517.9
67.5°	244.7	250.0	263.7	286.9	315.4	356.5	389.2
70°	210.9	210.9	212.0	225.7	240.5	266.8	290.0
72.5°	183.5	180.4	174.0	177.2	180.4	195.1	209.9
75°	161.4	154.0	143.4	139.2	137.1	139.2	147.7
77.5°	142.4	131.8	119.2	108.6	100.2	97.0	104.4
80°	126.6	113.9	99.1	85.4	71.7	64.3	67.5
82.5°	113.9	98.1	82.3	66.4	50.6	40.1	40.1
85°	100.2	85.4	68.6	51.7	35.9	22.1	20.0
87.5°	90.7	74.9	57.0	41.1	25.3	11.6	6.3
90°	81.2	65.4	48.5	32.7	17.9	5.3	0.0
92.5°	72.8	58.0	42.2	26.4	12.7	3.2	0.0
95°	65.4	51.7	35.9	22.1	10.5	2.1	1.1
97.5°	58.0	45.4	31.6	17.9	7.4	2.1	1.1
100°	52.7	40.1	27.4	14.8	6.3	1.1	1.1
102.5°	46.4	35.9	23.2	12.7	5.3	1.1	1.1
105°	41.1	31.6	20.0	10.5	4.2	1.1	1.1
107.5°	36.9	27.4	17.9	9.5	4.2	1.1	1.1
110°	32.7	24.3	15.8	8.4	3.2	1.1	1.1



TEST NUMBER: P290223

CATALOG NUMBER: 8SSRK-LC-50-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	29.5	21.1	13.7	7.4	2.1	1.1	1.1
115°	25.3	19.0	11.6	6.3	2.1	1.1	1.1
117.5°	22.1	15.8	10.5	5.3	2.1	1.1	1.1
120°	19.0	13.7	8.4	4.2	1.1	1.1	1.1
122.5°	16.9	11.6	7.4	4.2	1.1	1.1	1.1
125°	14.8	10.5	6.3	3.2	1.1	1.1	1.1
127.5°	12.7	8.4	5.3	2.1	1.1	1.1	1.1
130°	10.5	7.4	4.2	2.1	1.1	1.1	1.1
132.5°	8.4	6.3	4.2	2.1	1.1	1.1	1.1
135°	7.4	5.3	3.2	2.1	1.1	1.1	1.1
137.5°	6.3	4.2	2.1	2.1	2.1	1.1	1.1
140°	5.3	3.2	2.1	2.1	2.1	2.1	1.1
142.5°	4.2	3.2	2.1	2.1	2.1	2.1	1.1
145°	3.2	2.1	2.1	2.1	2.1	2.1	1.1
147.5°	3.2	2.1	2.1	2.1	2.1	2.1	1.1
150°	2.1	2.1	2.1	2.1	2.1	2.1	2.1
152.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1
155°	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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)