

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: P290221

Luminaire Tested: **8SSRK-LC-50-L935-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290221
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-L935-CD1-U
Description: 5000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4462.6 lumens
Efficiency: N/A
Efficacy: 130.5 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

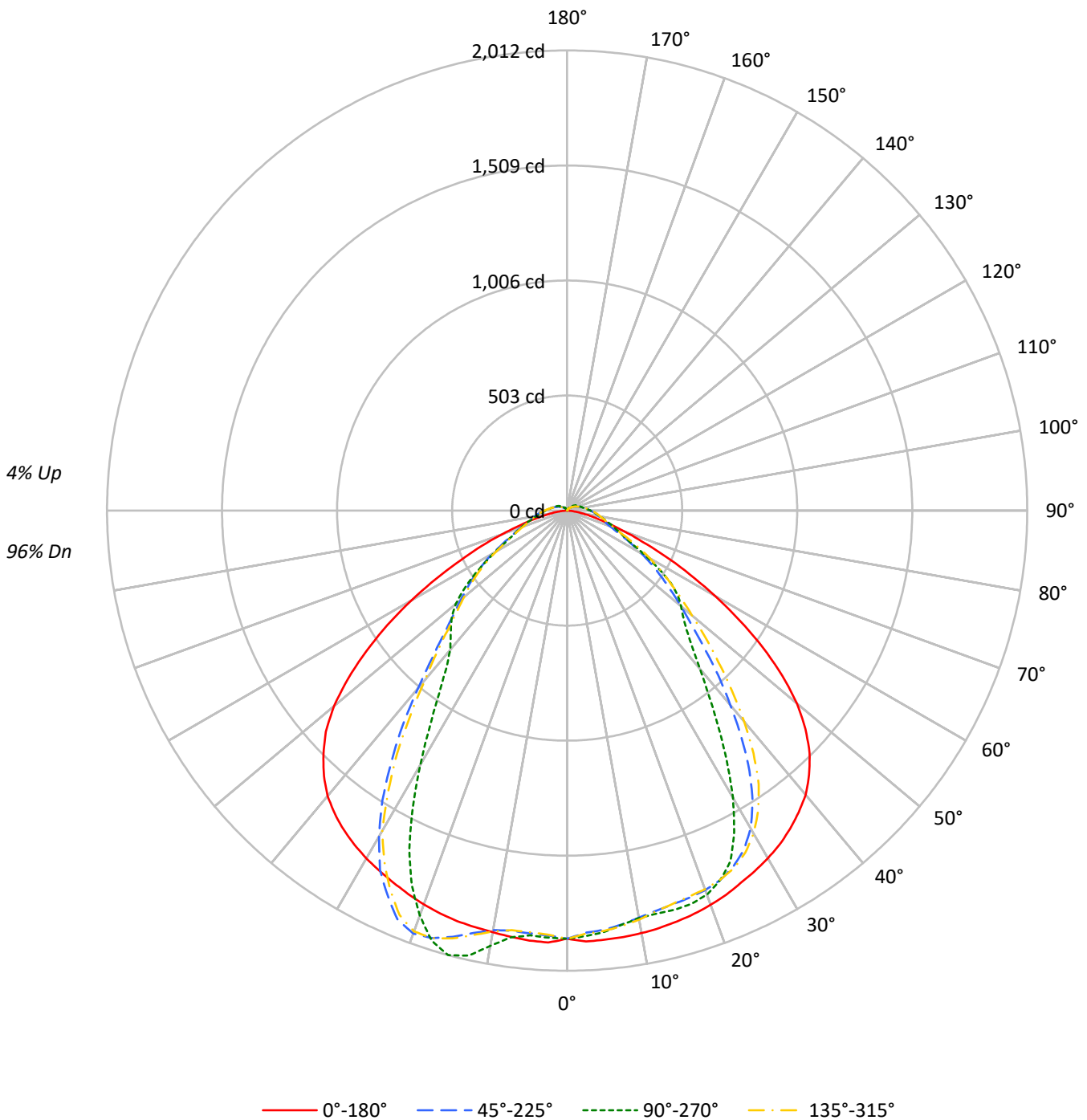
Input Watts (W): 34.1991
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	60446	60446	60446	60446
5°	60945	44415	61068	44763
10°	61282	34785	61154	37147
15°	61816	29161	61783	32469
20°	62556	25003	62491	26356
25°	63393	21018	63361	20308
30°	64661	16330	64694	14468
35°	66009	11934	66195	10099
40°	67219	8729	67501	7691
45°	67089	6739	67434	6561
50°	64319	5660	65221	5534
55°	57198	4639	58625	4217
60°	46532	3229	49001	2962
65°	34727	2237	37411	2121
70°	23746	1736	26764	1660
75°	15674	1393	18244	1318
80°	10295	1138	12057	1047
85°	5506	974	7242	890



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.8	4.0
10°-20°	529.1	11.9
20°-30°	804.3	18.0
30°-40°	862.8	19.3
40°-50°	748.8	16.8
50°-60°	555.0	12.4
60°-70°	318.0	7.1
70°-80°	176.1	3.9
80°-90°	107.2	2.4
90°-100°	69.7	1.6
100°-110°	46.7	1.0
110°-120°	31.5	0.7
120°-130°	19.3	0.4
130°-140°	10.2	0.2
140°-150°	4.6	0.1
150°-160°	1.4	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1511.2	33.9
0°-40°	2374.0	53.2
0°-60°	3677.8	82.4
0°-90°	4279.1	95.9
90°-120°	148.0	3.3
90°-150°	182.1	4.1
90°-180°	183.0	4.1
0°-180°	4462.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1872	1872	1872	1872	1872	
5°	1884	1850	1887	1864	1884	180
15°	1859	1807	1858	2012	1859	526
25°	1796	1690	1796	1633	1796	830
35°	1699	1151	1704	974	1699	1063
45°	1500	738	1507	718	1500	1148
55°	1046	553	1072	503	1046	928
65°	475	280	512	266	475	479
75°	135	178	158	168	135	155
85°	18	123	24	112	18	24
90°	0	102	2	95	0	1
95°	1	84	0	80	1	1
105°	1	63	1	60	1	1
115°	1	51	1	46	1	1
125°	1	39	1	32	1	1
135°	1	24	1	20	1	1
145°	1	14	2	12	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1885.5	1880.6	1878.7	1874.8	1877.7	1889.4	1881.6	1869.0	1870.0	1847.8	1859.4
5°	1883.6	1877.7	1874.8	1871.0	1872.9	1883.6	1875.8	1863.2	1862.3	1840.0	1850.7
7.5°	1880.6	1874.8	1870.0	1867.1	1868.1	1876.8	1867.1	1852.6	1849.7	1825.5	1835.2
10°	1875.8	1871.9	1865.2	1860.3	1859.4	1869.0	1853.6	1839.1	1832.3	1807.2	1816.8
12.5°	1869.0	1863.2	1856.5	1847.8	1846.8	1852.6	1840.0	1819.7	1813.0	1792.7	1803.3
15°	1859.4	1852.6	1844.9	1835.2	1830.4	1834.2	1818.8	1800.4	1799.4	1782.0	1796.5
17.5°	1848.7	1839.1	1830.4	1816.8	1810.1	1813.0	1800.4	1784.0	1785.9	1775.3	1791.7
20°	1834.2	1823.6	1810.1	1796.5	1786.9	1791.7	1783.0	1770.4	1773.3	1765.6	1780.1
22.5°	1817.8	1803.3	1786.9	1771.4	1763.7	1770.4	1763.7	1753.0	1754.0	1749.1	1757.9
25°	1796.5	1780.1	1760.8	1741.4	1737.5	1742.4	1738.5	1729.8	1725.9	1718.2	1722.1
27.5°	1777.2	1758.8	1734.6	1714.3	1707.6	1717.2	1708.5	1694.0	1683.4	1672.8	1665.0
30°	1755.0	1732.7	1705.6	1682.4	1676.6	1680.5	1667.9	1645.7	1617.6	1604.1	1582.8
32.5°	1730.8	1701.8	1667.9	1641.8	1638.0	1635.1	1611.8	1579.9	1536.4	1509.4	1476.5
35°	1698.9	1667.0	1626.4	1594.4	1588.6	1572.2	1534.5	1491.9	1435.9	1389.5	1333.4
37.5°	1663.1	1625.4	1582.8	1540.3	1523.9	1491.0	1437.8	1393.3	1308.2	1252.2	1184.5
40°	1622.5	1577.0	1524.8	1473.6	1446.5	1393.3	1332.4	1266.7	1184.5	1109.1	1052.0
42.5°	1566.4	1518.1	1456.2	1399.1	1352.7	1282.1	1210.6	1117.8	1042.3	978.5	920.5
45°	1499.7	1441.7	1370.1	1301.5	1242.5	1158.4	1074.2	981.4	918.6	844.1	804.5
47.5°	1413.6	1350.8	1274.4	1198.0	1120.7	1027.8	939.8	850.9	788.0	734.9	705.8
50°	1312.1	1254.1	1170.0	1079.1	994.0	897.3	809.3	742.6	681.7	648.8	626.6
52.5°	1186.4	1132.3	1046.2	947.6	865.4	770.6	690.4	636.2	592.7	568.5	560.8
55°	1046.2	998.8	913.7	821.9	737.8	650.7	589.8	542.4	514.4	499.9	500.9
57.5°	896.3	859.6	779.3	697.1	617.9	552.1	497.0	459.3	438.0	437.0	439.9
60°	746.5	719.4	649.8	579.2	509.6	456.4	415.8	389.7	376.1	377.1	376.1
62.5°	603.4	578.2	527.9	469.9	414.8	379.0	342.3	331.7	320.0	319.1	319.1
65°	474.8	455.4	414.8	373.2	331.7	308.4	290.1	277.5	268.8	266.9	267.8
67.5°	356.8	349.1	321.0	293.0	266.9	252.4	236.9	234.0	227.2	227.2	229.2
70°	265.9	260.1	244.6	228.2	217.6	207.9	200.2	200.2	199.2	198.2	203.1
72.5°	192.4	193.4	188.5	176.0	175.0	173.1	171.1	174.0	175.0	177.9	183.7
75°	135.4	138.3	138.3	136.3	140.2	145.0	147.9	152.8	158.6	162.4	169.2
77.5°	95.7	95.7	100.6	106.4	114.1	122.8	130.5	137.3	145.0	149.9	155.7
80°	61.9	64.8	72.5	83.2	93.8	105.4	116.0	124.7	132.5	140.2	144.1
82.5°	36.7	41.6	51.2	64.8	78.3	92.8	103.5	114.1	122.8	130.5	133.4
85°	18.4	25.1	36.7	51.2	65.8	81.2	94.8	104.4	114.1	120.9	124.7
87.5°	5.8	13.5	26.1	39.6	55.1	70.6	85.1	95.7	104.4	110.2	114.1
90°	0.0	6.8	18.4	32.9	47.4	62.8	76.4	88.0	96.7	101.5	104.4
92.5°	0.0	3.9	14.5	27.1	40.6	56.1	69.6	80.3	88.0	92.8	94.8
95°	1.0	2.9	10.6	22.2	35.8	50.3	62.8	72.5	80.3	85.1	86.1
97.5°	1.0	1.9	8.7	18.4	30.9	44.5	57.0	66.7	72.5	77.4	78.3
100°	1.0	1.9	6.8	16.4	27.1	39.6	51.2	59.9	66.7	70.6	71.6
102.5°	1.0	1.0	5.8	13.5	24.2	34.8	45.4	54.1	59.9	63.8	65.8
105°	1.0	1.0	4.8	11.6	21.3	30.9	40.6	49.3	54.1	58.0	59.9
107.5°	1.0	1.0	3.9	9.7	18.4	27.1	36.7	43.5	49.3	53.2	55.1
110°	1.0	1.0	2.9	8.7	15.5	24.2	31.9	38.7	44.5	48.3	50.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.0	1.0	2.9	7.7	13.5	21.3	28.0	34.8	39.6	43.5	46.4
115°	1.0	1.0	2.9	6.8	12.6	18.4	25.1	30.9	35.8	39.6	42.5
117.5°	1.0	1.0	2.9	5.8	10.6	16.4	22.2	28.0	31.9	35.8	38.7
120°	1.0	1.0	1.9	4.8	9.7	14.5	19.3	24.2	29.0	32.9	35.8
122.5°	1.0	1.0	1.9	4.8	7.7	12.6	17.4	21.3	26.1	29.0	31.9
125°	1.0	1.0	1.9	3.9	6.8	11.6	15.5	19.3	22.2	26.1	29.0
127.5°	1.0	1.0	1.9	3.9	5.8	9.7	13.5	17.4	20.3	23.2	25.1
130°	1.0	1.0	1.9	2.9	4.8	7.7	11.6	14.5	18.4	20.3	22.2
132.5°	1.0	1.0	1.0	2.9	3.9	5.8	8.7	12.6	15.5	18.4	19.3
135°	1.0	1.0	1.0	1.9	3.9	4.8	6.8	9.7	12.6	15.5	17.4
137.5°	1.0	1.0	1.0	1.9	2.9	4.8	5.8	7.7	10.6	12.6	15.5
140°	1.0	1.0	1.0	1.9	2.9	3.9	4.8	6.8	8.7	10.6	12.6
142.5°	1.0	1.0	1.0	1.9	1.9	2.9	3.9	5.8	6.8	8.7	10.6
145°	1.0	1.0	1.0	1.9	1.9	2.9	3.9	4.8	5.8	6.8	8.7
147.5°	1.0	1.0	1.0	1.9	1.9	1.9	2.9	3.9	4.8	5.8	6.8
150°	1.9	1.9	1.9	1.9	1.9	1.9	2.9	2.9	3.9	4.8	5.8
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.9	2.9	2.9	3.9	4.8
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.9	2.9	3.9	3.9
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1855.5	1857.4	1869.0	1868.1	1866.1	1864.2	1864.2	1862.3	1864.2	1869.0	1867.1
5°	1845.8	1848.7	1857.4	1856.5	1854.5	1853.6	1852.6	1849.7	1851.6	1858.4	1856.5
7.5°	1828.4	1831.3	1839.1	1835.2	1832.3	1834.2	1829.4	1826.5	1830.4	1837.1	1836.2
10°	1810.1	1812.0	1821.7	1819.7	1814.9	1815.9	1811.0	1809.1	1813.9	1817.8	1818.8
12.5°	1797.5	1804.3	1813.0	1812.0	1811.0	1812.0	1807.2	1805.2	1808.1	1812.0	1811.0
15°	1794.6	1803.3	1813.0	1813.0	1813.9	1814.9	1810.1	1807.2	1810.1	1813.0	1812.0
17.5°	1791.7	1802.3	1811.0	1810.1	1811.0	1813.0	1805.2	1803.3	1807.2	1811.0	1809.1
20°	1782.0	1791.7	1797.5	1795.6	1795.6	1796.5	1786.9	1786.9	1792.7	1795.6	1796.5
22.5°	1755.0	1766.6	1766.6	1761.7	1761.7	1757.9	1755.0	1749.1	1755.9	1760.8	1764.6
25°	1714.3	1719.2	1713.4	1702.7	1696.9	1692.1	1678.6	1690.2	1690.2	1704.7	1709.5
27.5°	1657.3	1646.7	1630.2	1608.0	1603.1	1587.7	1579.0	1581.9	1586.7	1607.0	1622.5
30°	1563.5	1531.6	1503.6	1493.9	1472.6	1457.1	1441.7	1449.4	1458.1	1469.7	1501.6
32.5°	1439.7	1408.8	1363.4	1346.9	1324.7	1305.3	1287.0	1298.6	1314.0	1321.8	1356.6
35°	1297.6	1260.9	1219.3	1191.2	1168.0	1157.4	1134.2	1150.6	1167.1	1172.9	1202.8
37.5°	1146.8	1109.1	1072.3	1048.1	1025.9	1019.1	1003.7	1015.3	1027.8	1036.5	1061.7
40°	1003.7	968.8	940.8	924.4	908.9	903.1	897.3	902.1	911.8	918.6	937.9
42.5°	880.9	852.8	833.5	823.8	813.2	805.4	806.4	808.3	813.2	827.7	836.4
45°	773.5	757.1	744.5	742.6	735.8	734.9	733.9	737.8	740.7	749.4	756.1
47.5°	687.5	680.7	677.8	681.7	684.6	680.7	682.6	687.5	693.3	693.3	692.3
50°	619.8	621.7	625.6	634.3	640.1	642.0	644.0	649.8	650.7	652.7	649.8
52.5°	564.7	566.6	577.2	590.8	597.6	600.5	604.3	610.1	610.1	612.1	608.2
55°	508.6	511.5	522.1	535.7	541.5	545.3	549.2	553.1	556.0	559.8	556.9
57.5°	446.7	455.4	462.2	466.1	469.9	472.8	475.7	476.7	482.5	483.5	488.3
60°	381.0	382.9	389.7	388.7	385.8	393.5	389.7	396.4	403.2	411.9	412.9
62.5°	318.1	319.1	323.9	322.0	325.9	324.9	327.8	327.8	332.6	336.5	341.3
65°	268.8	269.8	273.6	273.6	272.7	275.6	278.5	280.4	280.4	283.3	287.2
67.5°	232.1	235.0	238.8	240.8	242.7	242.7	245.6	246.6	248.5	249.5	251.4
70°	206.9	210.8	214.7	216.6	217.6	219.5	220.5	220.5	222.4	223.4	225.3
72.5°	188.5	192.4	195.3	195.3	197.3	198.2	198.2	199.2	200.2	202.1	204.0
75°	173.1	176.0	177.9	176.9	176.9	176.9	177.9	177.9	179.8	181.8	183.7
77.5°	158.6	161.5	161.5	159.5	159.5	159.5	159.5	160.5	161.5	163.4	165.3
80°	147.9	147.9	147.0	147.0	145.0	144.1	144.1	145.0	145.0	147.0	149.9
82.5°	136.3	136.3	135.4	134.4	133.4	132.5	132.5	133.4	134.4	135.4	137.3
85°	125.7	125.7	123.8	123.8	122.8	122.8	122.8	122.8	123.8	124.7	126.7
87.5°	115.1	114.1	113.1	112.2	112.2	112.2	112.2	112.2	113.1	115.1	116.0
90°	104.4	103.5	102.5	102.5	101.5	101.5	102.5	102.5	103.5	104.4	105.4
92.5°	94.8	93.8	92.8	92.8	91.9	91.9	92.8	91.9	93.8	93.8	94.8
95°	86.1	85.1	84.1	84.1	84.1	84.1	84.1	84.1	85.1	85.1	86.1
97.5°	78.3	77.4	76.4	76.4	77.4	76.4	77.4	77.4	77.4	78.3	79.3
100°	71.6	70.6	70.6	71.6	70.6	70.6	71.6	71.6	71.6	71.6	72.5
102.5°	65.8	65.8	65.8	65.8	65.8	65.8	66.7	66.7	66.7	66.7	67.7
105°	59.9	60.9	60.9	60.9	61.9	61.9	61.9	62.8	62.8	62.8	62.8
107.5°	56.1	57.0	57.0	58.0	58.0	59.0	59.0	59.0	59.0	59.9	59.9
110°	52.2	53.2	54.1	55.1	55.1	56.1	56.1	56.1	56.1	56.1	56.1



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	48.3	49.3	50.3	52.2	53.2	53.2	53.2	53.2	54.1	54.1	53.2
115°	44.5	46.4	47.4	49.3	50.3	50.3	51.2	51.2	51.2	51.2	50.3
117.5°	40.6	43.5	44.5	46.4	47.4	47.4	48.3	48.3	48.3	48.3	47.4
120°	37.7	39.6	41.6	42.5	43.5	44.5	44.5	45.4	45.4	45.4	44.5
122.5°	34.8	36.7	38.7	39.6	40.6	41.6	41.6	41.6	41.6	41.6	41.6
125°	30.9	32.9	34.8	35.8	36.7	37.7	37.7	38.7	38.7	38.7	37.7
127.5°	28.0	30.0	30.9	32.9	33.8	33.8	34.8	34.8	34.8	34.8	33.8
130°	24.2	26.1	28.0	29.0	30.0	30.0	30.9	30.9	30.9	30.9	30.9
132.5°	21.3	23.2	24.2	26.1	26.1	27.1	27.1	28.0	28.0	28.0	27.1
135°	19.3	20.3	21.3	23.2	23.2	24.2	24.2	24.2	24.2	24.2	24.2
137.5°	17.4	18.4	19.3	20.3	20.3	21.3	21.3	21.3	21.3	22.2	21.3
140°	14.5	16.4	17.4	17.4	18.4	18.4	18.4	19.3	19.3	19.3	18.4
142.5°	12.6	13.5	14.5	15.5	16.4	16.4	16.4	16.4	17.4	16.4	16.4
145°	9.7	11.6	12.6	13.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
147.5°	7.7	8.7	10.6	11.6	11.6	12.6	12.6	12.6	12.6	12.6	12.6
150°	6.8	6.8	8.7	9.7	10.6	10.6	10.6	10.6	10.6	10.6	10.6
152.5°	4.8	5.8	6.8	7.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
155°	4.8	4.8	5.8	5.8	6.8	6.8	6.8	6.8	7.7	6.8	6.8
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: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1864.2	1863.2	1867.1	1863.2	1843.9	1851.6	1848.7	1859.4	1860.3	1863.2	1872.9
5°	1854.5	1854.5	1859.4	1855.5	1837.1	1844.9	1843.9	1854.5	1856.5	1858.4	1869.0
7.5°	1835.2	1836.2	1842.9	1840.0	1820.7	1832.3	1831.3	1843.9	1847.8	1851.6	1861.3
10°	1816.8	1815.9	1823.6	1820.7	1802.3	1815.9	1814.9	1827.5	1833.3	1840.0	1851.6
12.5°	1807.2	1804.3	1807.2	1804.3	1784.0	1794.6	1795.6	1810.1	1816.8	1825.5	1839.1
15°	1807.2	1802.3	1802.3	1796.5	1773.3	1780.1	1781.1	1790.7	1799.4	1808.1	1824.6
17.5°	1805.2	1800.4	1799.4	1794.6	1769.5	1769.5	1768.5	1775.3	1780.1	1788.8	1806.2
20°	1794.6	1792.7	1791.7	1788.8	1765.6	1761.7	1759.8	1759.8	1762.7	1765.6	1783.0
22.5°	1766.6	1768.5	1770.4	1772.4	1754.0	1747.2	1748.2	1746.2	1743.3	1743.3	1757.9
25°	1714.3	1724.0	1731.7	1740.4	1729.8	1725.0	1730.8	1727.9	1723.0	1719.2	1731.7
27.5°	1631.2	1651.5	1667.9	1689.2	1690.2	1686.3	1701.8	1699.8	1698.9	1693.1	1702.7
30°	1516.1	1548.0	1570.3	1601.2	1627.3	1631.2	1657.3	1661.2	1665.0	1662.1	1671.8
32.5°	1376.9	1420.4	1458.1	1506.5	1531.6	1553.8	1590.6	1606.0	1621.5	1626.4	1637.0
35°	1225.1	1274.4	1318.9	1372.1	1411.7	1460.0	1504.5	1527.7	1562.5	1576.1	1591.5
37.5°	1081.0	1127.4	1170.9	1224.1	1287.9	1338.2	1393.3	1445.5	1492.9	1512.3	1535.5
40°	953.4	991.1	1032.7	1079.1	1137.1	1202.8	1262.8	1335.3	1391.4	1430.1	1463.9
42.5°	856.7	875.1	910.8	952.4	998.8	1065.5	1126.5	1207.7	1275.4	1330.5	1386.6
45°	770.6	779.3	805.4	827.7	875.1	934.0	998.8	1078.1	1148.7	1219.3	1287.0
47.5°	697.1	707.8	720.4	733.9	767.7	817.0	873.1	944.7	1015.3	1097.4	1174.8
50°	647.8	650.7	652.7	658.5	678.8	712.6	758.1	819.0	886.7	974.7	1056.8
52.5°	604.3	604.3	598.5	595.6	603.4	624.6	650.7	694.2	763.9	845.1	932.1
55°	557.9	549.2	547.3	537.6	539.5	549.2	561.8	595.6	652.7	722.3	806.4
57.5°	493.1	489.3	489.3	485.4	477.7	482.5	485.4	509.6	550.2	610.1	683.6
60°	418.7	416.7	421.6	422.5	415.8	418.7	417.7	432.2	461.2	509.6	570.5
62.5°	344.2	352.9	353.9	357.8	353.9	352.9	357.8	370.3	384.8	421.6	469.0
65°	289.1	293.9	294.9	299.7	297.8	297.8	301.7	311.3	320.0	345.2	381.9
67.5°	253.3	251.4	252.4	255.3	252.4	251.4	254.3	260.1	266.9	282.3	308.4
70°	225.3	223.4	223.4	223.4	219.5	216.6	217.6	219.5	222.4	231.1	247.5
72.5°	204.0	204.0	201.1	198.2	195.3	193.4	191.4	189.5	188.5	191.4	200.2
75°	184.7	185.6	184.7	181.8	177.9	174.0	170.2	166.3	161.5	159.5	160.5
77.5°	167.3	168.2	169.2	168.2	164.4	159.5	153.7	147.9	141.2	134.4	130.5
80°	151.8	153.7	154.7	153.7	150.8	147.0	140.2	133.4	123.8	115.1	105.4
82.5°	138.3	141.2	142.1	142.1	140.2	136.3	128.6	120.9	110.2	98.6	86.1
85°	127.6	129.6	131.5	131.5	130.5	126.7	118.9	110.2	99.6	86.1	72.5
87.5°	117.0	118.0	119.9	121.8	119.9	116.0	109.3	99.6	89.0	75.4	59.9
90°	106.4	107.3	109.3	111.2	110.2	106.4	100.6	91.9	80.3	65.8	50.3
92.5°	95.7	97.7	98.6	99.6	100.6	97.7	92.8	84.1	72.5	58.0	43.5
95°	88.0	88.0	89.9	90.9	91.9	89.0	85.1	76.4	65.8	52.2	37.7
97.5°	80.3	80.3	82.2	82.2	83.2	81.2	77.4	69.6	59.0	46.4	31.9
100°	72.5	73.5	74.5	75.4	75.4	74.5	70.6	62.8	53.2	41.6	28.0
102.5°	67.7	67.7	68.7	68.7	69.6	67.7	63.8	57.0	47.4	36.7	24.2
105°	62.8	62.8	63.8	63.8	62.8	60.9	57.0	51.2	42.5	31.9	21.3
107.5°	59.0	59.0	59.0	59.0	58.0	56.1	52.2	45.4	37.7	29.0	19.3
110°	56.1	55.1	55.1	54.1	53.2	50.3	46.4	40.6	33.8	25.1	16.4



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	53.2	52.2	51.2	50.3	48.3	45.4	41.6	36.7	30.0	22.2	14.5
115°	50.3	49.3	48.3	46.4	44.5	41.6	37.7	32.9	26.1	19.3	12.6
117.5°	47.4	46.4	44.5	42.5	40.6	37.7	33.8	29.0	23.2	17.4	11.6
120°	43.5	42.5	41.6	39.6	37.7	33.8	30.0	26.1	20.3	15.5	9.7
122.5°	40.6	39.6	37.7	36.7	33.8	30.9	27.1	23.2	18.4	13.5	8.7
125°	36.7	35.8	34.8	32.9	30.9	27.1	24.2	20.3	16.4	11.6	6.8
127.5°	33.8	32.9	30.9	29.0	27.1	24.2	21.3	18.4	14.5	9.7	6.8
130°	30.0	29.0	28.0	26.1	24.2	21.3	19.3	15.5	12.6	8.7	5.8
132.5°	26.1	26.1	25.1	23.2	21.3	19.3	16.4	13.5	10.6	7.7	4.8
135°	24.2	23.2	22.2	20.3	19.3	16.4	14.5	11.6	8.7	6.8	3.9
137.5°	21.3	20.3	19.3	18.4	16.4	14.5	12.6	9.7	7.7	5.8	3.9
140°	18.4	17.4	17.4	15.5	14.5	12.6	10.6	8.7	6.8	4.8	2.9
142.5°	16.4	15.5	14.5	13.5	12.6	10.6	8.7	6.8	5.8	3.9	2.9
145°	14.5	13.5	12.6	11.6	10.6	8.7	7.7	5.8	4.8	3.9	2.9
147.5°	11.6	11.6	10.6	9.7	8.7	7.7	6.8	5.8	3.9	2.9	1.9
150°	9.7	9.7	8.7	7.7	7.7	6.8	5.8	4.8	3.9	2.9	1.9
152.5°	8.7	7.7	7.7	6.8	6.8	5.8	4.8	3.9	2.9	2.9	1.9
155°	6.8	6.8	6.8	5.8	5.8	4.8	3.9	3.9	2.9	1.9	1.9
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: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1874.8	1863.2	1872.9	1890.3	1888.4	1886.5	1884.5	1888.4	1901.0	1894.2	1883.6
5°	1871.9	1860.3	1871.0	1887.4	1886.5	1883.6	1881.6	1885.5	1898.1	1891.3	1879.7
7.5°	1866.1	1855.5	1863.2	1879.7	1879.7	1877.7	1875.8	1879.7	1891.3	1885.5	1873.9
10°	1856.5	1848.7	1856.5	1871.9	1872.9	1869.0	1867.1	1871.9	1883.6	1880.6	1871.0
12.5°	1848.7	1841.0	1849.7	1865.2	1866.1	1862.3	1859.4	1865.2	1880.6	1882.6	1879.7
15°	1838.1	1831.3	1842.0	1858.4	1858.4	1855.5	1855.5	1863.2	1884.5	1893.2	1898.1
17.5°	1822.6	1817.8	1830.4	1846.8	1847.8	1845.8	1846.8	1862.3	1890.3	1911.6	1925.1
20°	1803.3	1801.4	1814.9	1832.3	1835.2	1836.2	1841.0	1864.2	1902.9	1931.9	1945.4
22.5°	1780.1	1781.1	1796.5	1814.9	1818.8	1821.7	1831.3	1864.2	1912.6	1943.5	1949.3
25°	1754.0	1756.9	1773.3	1795.6	1800.4	1806.2	1822.6	1865.2	1915.5	1935.8	1926.1
27.5°	1725.9	1731.7	1753.0	1776.2	1782.0	1791.7	1813.0	1859.4	1901.9	1902.9	1867.1
30°	1696.9	1703.7	1728.8	1755.9	1765.6	1775.3	1801.4	1845.8	1869.0	1838.1	1775.3
32.5°	1664.1	1673.7	1698.9	1731.7	1743.3	1755.9	1782.0	1819.7	1811.0	1744.3	1654.4
35°	1622.5	1636.0	1665.0	1703.7	1714.3	1730.8	1749.1	1757.9	1719.2	1624.4	1522.9
37.5°	1571.2	1591.5	1625.4	1669.9	1681.5	1692.1	1696.9	1672.8	1595.4	1492.9	1387.5
40°	1512.3	1543.2	1579.9	1629.3	1640.9	1640.9	1623.5	1572.2	1474.5	1340.1	1223.1
42.5°	1440.7	1478.4	1524.8	1574.1	1585.7	1572.2	1530.6	1440.7	1329.5	1179.6	1055.9
45°	1353.7	1404.0	1456.2	1507.4	1513.2	1483.2	1408.8	1294.7	1157.4	1018.2	900.2
47.5°	1250.2	1316.0	1373.0	1431.0	1423.3	1373.0	1273.4	1143.9	998.8	867.3	772.6
50°	1134.2	1211.5	1275.4	1330.5	1314.0	1244.4	1127.4	992.1	848.0	735.8	657.5
52.5°	1010.4	1099.4	1163.2	1207.7	1185.4	1102.3	973.7	844.1	726.2	623.7	571.4
55°	881.8	971.7	1037.5	1072.3	1043.3	953.4	826.7	708.7	597.6	530.8	499.9
57.5°	757.1	841.2	903.1	931.1	894.4	804.5	687.5	587.9	507.6	451.5	436.1
60°	637.2	705.8	764.8	786.1	746.5	663.3	562.7	483.5	424.5	385.8	378.1
62.5°	526.0	582.1	628.5	644.9	606.3	541.5	454.5	395.5	353.9	334.6	324.9
65°	434.1	467.0	514.4	511.5	488.3	428.3	364.5	322.9	295.9	283.3	277.5
67.5°	341.3	371.3	401.3	405.1	376.1	334.6	293.0	263.0	248.5	241.7	238.8
70°	264.0	286.2	304.6	299.7	284.3	258.2	232.1	215.6	209.8	206.9	206.9
72.5°	205.0	216.6	225.3	219.5	209.8	196.3	183.7	176.9	177.9	179.8	181.8
75°	158.6	161.5	163.4	157.6	155.7	147.0	146.0	147.0	152.8	158.6	161.5
77.5°	121.8	118.0	115.1	109.3	110.2	109.3	114.1	121.8	130.5	139.2	147.0
80°	93.8	85.1	78.3	72.5	75.4	80.3	89.9	101.5	113.1	122.8	132.5
82.5°	72.5	59.9	50.3	44.5	50.3	58.0	70.6	85.1	98.6	109.3	119.9
85°	56.1	41.6	30.0	24.2	30.0	41.6	55.1	71.6	86.1	97.7	108.3
87.5°	43.5	30.0	16.4	9.7	16.4	29.0	44.5	59.9	74.5	88.0	98.6
90°	34.8	20.3	7.7	1.9	8.7	20.3	34.8	50.3	64.8	79.3	89.9
92.5°	28.0	14.5	3.9	0.0	4.8	15.5	29.0	43.5	58.0	71.6	82.2
95°	23.2	11.6	2.9	0.0	3.9	11.6	23.2	37.7	51.2	64.8	73.5
97.5°	19.3	8.7	1.9	0.0	1.9	9.7	19.3	31.9	45.4	58.0	66.7
100°	16.4	7.7	1.9	0.0	1.9	7.7	16.4	28.0	39.6	51.2	59.9
102.5°	13.5	5.8	1.0	1.0	1.0	5.8	14.5	24.2	34.8	45.4	54.1
105°	12.6	4.8	1.0	1.0	1.0	4.8	12.6	21.3	30.9	40.6	48.3
107.5°	10.6	3.9	1.0	1.0	1.0	3.9	10.6	18.4	28.0	36.7	43.5
110°	8.7	3.9	1.0	1.0	1.0	3.9	8.7	16.4	24.2	31.9	38.7



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.7	2.9	1.0	1.0	1.0	2.9	7.7	14.5	21.3	29.0	34.8
115°	6.8	2.9	1.0	1.0	1.0	2.9	6.8	12.6	18.4	25.1	30.9
117.5°	5.8	2.9	1.0	1.0	1.0	1.9	5.8	10.6	16.4	22.2	28.0
120°	4.8	1.9	1.0	1.0	1.0	1.9	4.8	9.7	14.5	19.3	24.2
122.5°	4.8	1.9	1.0	1.0	1.0	1.9	3.9	7.7	12.6	16.4	21.3
125°	3.9	1.9	1.0	1.0	1.0	1.0	3.9	6.8	10.6	14.5	18.4
127.5°	3.9	1.9	1.0	1.0	1.0	1.0	2.9	5.8	8.7	12.6	16.4
130°	2.9	1.9	1.0	1.0	1.0	1.0	1.9	4.8	7.7	10.6	13.5
132.5°	2.9	1.9	1.0	1.0	1.0	1.0	1.9	3.9	5.8	8.7	11.6
135°	2.9	1.0	1.0	1.0	1.0	1.0	1.0	2.9	4.8	6.8	8.7
137.5°	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.9	3.9	4.8	7.7
140°	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.9	3.9	5.8
142.5°	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.9	4.8
145°	1.9	1.0	1.0	1.9	1.9	1.0	1.0	1.9	1.9	2.9	3.9
147.5°	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.9	2.9
150°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.9
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
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: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1881.6	1859.4	1871.0	1867.1	1871.0	1880.6	1879.7	1876.8	1878.7	1873.9	1869.0
5°	1877.7	1855.5	1867.1	1862.3	1867.1	1876.8	1874.8	1871.9	1874.8	1869.0	1864.2
7.5°	1872.9	1852.6	1866.1	1865.2	1873.9	1886.5	1887.4	1887.4	1894.2	1885.5	1881.6
10°	1872.9	1862.3	1880.6	1887.4	1909.7	1926.1	1928.0	1931.9	1943.5	1941.6	1931.9
12.5°	1893.2	1891.3	1918.4	1934.8	1955.1	1978.3	1990.9	1994.7	2002.5	1996.7	1992.8
15°	1919.3	1929.0	1959.0	1977.3	1999.6	2017.0	2019.9	2021.8	2027.6	2018.9	2012.2
17.5°	1954.1	1959.9	1984.1	1991.8	2006.3	2009.2	2005.4	1995.7	1995.7	1976.4	1970.6
20°	1970.6	1967.7	1977.3	1964.8	1959.0	1941.6	1925.1	1906.8	1905.8	1885.5	1883.6
22.5°	1956.1	1936.7	1916.4	1885.5	1871.9	1846.8	1824.6	1813.9	1807.2	1781.1	1774.3
25°	1904.8	1857.4	1827.5	1790.7	1757.9	1728.8	1707.6	1685.3	1664.1	1642.8	1633.1
27.5°	1815.9	1771.4	1723.0	1671.8	1626.4	1581.9	1546.1	1523.9	1503.6	1475.5	1461.0
30°	1706.6	1644.7	1591.5	1542.2	1467.8	1413.6	1383.7	1339.2	1323.7	1311.1	1284.1
32.5°	1578.0	1503.6	1431.0	1364.3	1287.9	1237.7	1198.0	1165.1	1155.5	1122.6	1114.9
35°	1435.9	1338.2	1256.0	1190.3	1135.2	1074.2	1041.4	1019.1	999.8	977.6	973.7
37.5°	1268.6	1180.6	1087.8	1029.8	986.3	934.0	908.9	893.4	884.7	868.3	865.4
40°	1100.3	1012.4	948.5	890.5	863.5	835.4	817.0	810.3	806.4	800.6	794.8
42.5°	947.6	870.2	824.8	786.1	774.5	761.0	756.1	760.0	756.1	754.2	753.2
45°	818.0	759.0	727.1	715.5	712.6	708.7	712.6	719.4	720.4	718.4	718.4
47.5°	700.0	672.0	658.5	660.4	665.2	668.1	674.9	683.6	685.5	680.7	682.6
50°	622.7	606.3	603.4	611.1	621.7	625.6	633.3	640.1	639.1	637.2	635.3
52.5°	550.2	545.3	553.1	560.8	572.4	574.3	577.2	580.1	579.2	575.3	573.4
55°	489.3	493.1	499.9	502.8	511.5	510.5	511.5	511.5	507.6	505.7	502.8
57.5°	434.1	435.1	439.0	439.9	444.8	442.8	441.9	439.9	434.1	433.2	430.3
60°	378.1	376.1	384.8	378.1	381.9	378.1	377.1	372.3	366.5	365.5	363.6
62.5°	324.9	321.0	326.8	323.9	325.9	322.0	320.0	314.2	309.4	308.4	307.5
65°	277.5	275.6	281.4	280.4	282.3	277.5	275.6	271.7	267.8	266.9	265.9
67.5°	237.9	242.7	245.6	245.6	247.5	246.6	241.7	240.8	239.8	235.9	235.9
70°	208.9	211.8	217.6	218.5	217.6	219.5	215.6	214.7	213.7	211.8	210.8
72.5°	185.6	189.5	195.3	196.3	195.3	195.3	193.4	192.4	192.4	189.5	189.5
75°	167.3	172.1	176.9	176.9	176.9	175.0	173.1	173.1	171.1	170.2	168.2
77.5°	151.8	157.6	161.5	160.5	159.5	157.6	157.6	154.7	151.8	151.8	149.9
80°	140.2	144.1	147.0	146.0	145.0	142.1	141.2	138.3	136.3	133.4	133.4
82.5°	127.6	132.5	134.4	133.4	131.5	128.6	127.6	125.7	123.8	122.8	120.9
85°	117.0	121.8	122.8	120.9	118.9	117.0	116.0	115.1	114.1	112.2	112.2
87.5°	106.4	111.2	111.2	110.2	108.3	107.3	106.4	105.4	104.4	103.5	102.5
90°	97.7	101.5	101.5	100.6	99.6	98.6	97.7	96.7	95.7	94.8	94.8
92.5°	89.0	92.8	92.8	91.9	90.9	89.9	89.9	89.0	88.0	87.0	86.1
95°	81.2	85.1	85.1	85.1	84.1	83.2	83.2	82.2	81.2	81.2	80.3
97.5°	73.5	77.4	77.4	77.4	76.4	75.4	75.4	74.5	74.5	74.5	73.5
100°	66.7	69.6	70.6	70.6	69.6	69.6	69.6	68.7	68.7	68.7	67.7
102.5°	59.9	62.8	64.8	64.8	64.8	63.8	63.8	63.8	63.8	63.8	62.8
105°	54.1	57.0	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
107.5°	49.3	52.2	54.1	55.1	56.1	56.1	57.0	57.0	57.0	57.0	57.0
110°	44.5	47.4	50.3	51.2	52.2	53.2	53.2	54.1	53.2	53.2	53.2



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	39.6	43.5	45.4	47.4	48.3	49.3	50.3	50.3	50.3	50.3	50.3
115°	35.8	39.6	41.6	43.5	45.4	46.4	46.4	47.4	47.4	47.4	46.4
117.5°	31.9	35.8	37.7	39.6	40.6	42.5	43.5	43.5	43.5	43.5	42.5
120°	29.0	31.9	33.8	35.8	37.7	38.7	39.6	39.6	39.6	39.6	39.6
122.5°	25.1	28.0	30.9	32.9	33.8	34.8	35.8	35.8	35.8	35.8	35.8
125°	22.2	25.1	27.1	29.0	30.0	31.9	31.9	31.9	31.9	31.9	31.9
127.5°	19.3	22.2	24.2	26.1	27.1	28.0	29.0	29.0	29.0	29.0	29.0
130°	16.4	19.3	21.3	23.2	24.2	25.1	25.1	26.1	26.1	26.1	26.1
132.5°	14.5	16.4	18.4	20.3	21.3	22.2	22.2	23.2	23.2	23.2	23.2
135°	11.6	14.5	15.5	17.4	18.4	19.3	19.3	20.3	20.3	20.3	20.3
137.5°	9.7	11.6	13.5	15.5	16.4	16.4	17.4	17.4	18.4	18.4	18.4
140°	7.7	8.7	11.6	12.6	13.5	14.5	15.5	15.5	15.5	15.5	15.5
142.5°	5.8	7.7	8.7	10.6	11.6	12.6	13.5	13.5	13.5	13.5	13.5
145°	4.8	5.8	6.8	8.7	9.7	10.6	11.6	11.6	11.6	11.6	11.6
147.5°	3.9	4.8	5.8	6.8	7.7	8.7	9.7	9.7	9.7	9.7	9.7
150°	2.9	3.9	4.8	4.8	5.8	6.8	7.7	8.7	8.7	8.7	8.7
152.5°	2.9	2.9	3.9	3.9	4.8	5.8	6.8	6.8	6.8	6.8	6.8
155°	1.9	2.9	2.9	2.9	3.9	3.9	4.8	5.8	5.8	5.8	5.8
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: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1871.9	1875.8	1873.9	1871.0	1870.0	1874.8	1870.0	1847.8	1856.5	1857.4	1864.2
5°	1869.0	1871.9	1870.0	1868.1	1865.2	1871.0	1865.2	1842.0	1850.7	1851.6	1858.4
7.5°	1888.4	1889.4	1889.4	1884.5	1876.8	1879.7	1871.9	1845.8	1850.7	1850.7	1855.5
10°	1936.7	1938.7	1941.6	1929.0	1919.3	1911.6	1901.0	1869.0	1868.1	1860.3	1860.3
12.5°	1999.6	1994.7	1989.9	1984.1	1976.4	1966.7	1951.2	1913.5	1901.0	1888.4	1875.8
15°	2018.0	2016.0	2015.1	2012.2	2007.3	2004.4	1992.8	1955.1	1936.7	1921.3	1899.0
17.5°	1969.6	1973.5	1986.0	1987.0	1992.8	2004.4	2002.5	1976.4	1959.9	1953.2	1926.1
20°	1882.6	1883.6	1899.0	1905.8	1930.9	1950.3	1964.8	1961.9	1958.0	1965.7	1945.4
22.5°	1778.2	1784.9	1801.4	1812.0	1836.2	1858.4	1881.6	1894.2	1914.5	1946.4	1942.5
25°	1636.0	1644.7	1667.9	1685.3	1719.2	1753.0	1784.0	1806.2	1830.4	1891.3	1911.6
27.5°	1465.8	1479.4	1509.4	1526.8	1574.1	1608.9	1653.4	1696.9	1730.8	1800.4	1842.0
30°	1287.0	1298.6	1330.5	1354.6	1395.3	1442.6	1498.7	1560.6	1616.7	1687.3	1739.5
32.5°	1119.7	1132.3	1158.4	1179.6	1225.1	1264.7	1326.6	1403.0	1455.2	1552.9	1622.5
35°	973.7	985.3	1003.7	1022.0	1059.7	1100.3	1153.5	1228.0	1294.7	1396.2	1484.2
37.5°	871.2	873.1	883.8	894.4	922.4	953.4	995.0	1060.7	1122.6	1231.8	1328.5
40°	797.7	797.7	803.5	806.4	819.0	837.3	863.5	914.7	965.9	1049.1	1167.1
42.5°	752.3	750.3	750.3	751.3	750.3	759.0	774.5	798.7	844.1	912.8	1004.6
45°	718.4	714.6	711.6	704.9	701.0	701.0	702.0	710.7	736.8	781.3	855.7
47.5°	680.7	679.7	674.9	667.2	660.4	655.6	647.8	644.9	652.7	677.8	728.1
50°	637.2	632.4	627.5	621.7	614.0	609.2	594.7	595.6	588.9	600.5	626.6
52.5°	573.4	569.5	567.6	562.7	559.8	557.9	546.3	534.7	531.8	533.7	543.4
55°	502.8	504.7	497.0	500.9	499.9	491.2	486.4	477.7	474.8	473.8	478.6
57.5°	429.3	431.2	426.4	430.3	430.3	425.4	422.5	422.5	415.8	410.0	416.7
60°	362.6	358.7	361.6	366.5	366.5	363.6	361.6	361.6	356.8	354.9	359.7
62.5°	308.4	304.6	307.5	312.3	313.3	311.3	309.4	309.4	303.6	303.6	307.5
65°	266.9	267.8	266.9	270.7	270.7	271.7	269.8	267.8	261.1	264.0	263.0
67.5°	236.9	235.9	235.9	239.8	238.8	240.8	238.8	235.9	231.1	227.2	226.3
70°	211.8	210.8	210.8	212.7	213.7	213.7	212.7	210.8	204.0	200.2	197.3
72.5°	189.5	188.5	189.5	190.5	191.4	192.4	191.4	189.5	183.7	178.9	174.0
75°	169.2	168.2	171.1	171.1	172.1	172.1	173.1	172.1	167.3	161.5	155.7
77.5°	148.9	149.9	152.8	153.7	155.7	156.6	157.6	157.6	152.8	147.9	140.2
80°	132.5	134.4	136.3	137.3	139.2	142.1	143.1	144.1	140.2	135.4	126.7
82.5°	120.9	121.8	123.8	124.7	127.6	128.6	129.6	131.5	129.6	124.7	115.1
85°	111.2	112.2	114.1	114.1	116.0	118.0	118.9	119.9	118.9	114.1	104.4
87.5°	102.5	103.5	104.4	105.4	106.4	107.3	108.3	109.3	108.3	103.5	94.8
90°	94.8	94.8	95.7	95.7	96.7	97.7	99.6	99.6	98.6	94.8	86.1
92.5°	86.1	87.0	87.0	88.0	89.0	89.9	90.9	90.9	89.9	86.1	78.3
95°	80.3	80.3	81.2	81.2	82.2	82.2	83.2	83.2	82.2	78.3	70.6
97.5°	73.5	73.5	73.5	73.5	74.5	74.5	75.4	75.4	74.5	70.6	63.8
100°	67.7	67.7	67.7	67.7	67.7	68.7	68.7	68.7	67.7	63.8	57.0
102.5°	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	60.9	58.0	51.2
105°	59.9	59.9	59.9	59.0	59.0	59.0	58.0	58.0	55.1	52.2	46.4
107.5°	56.1	56.1	56.1	55.1	55.1	54.1	53.2	53.2	50.3	47.4	41.6
110°	53.2	53.2	53.2	52.2	51.2	50.3	49.3	48.3	45.4	41.6	36.7



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	50.3	50.3	49.3	49.3	48.3	47.4	45.4	44.5	41.6	37.7	32.9
115°	46.4	46.4	46.4	45.4	44.5	43.5	42.5	40.6	37.7	33.8	29.0
117.5°	42.5	42.5	42.5	41.6	40.6	39.6	38.7	36.7	33.8	30.0	26.1
120°	38.7	38.7	38.7	37.7	36.7	35.8	34.8	32.9	30.0	27.1	22.2
122.5°	35.8	35.8	34.8	33.8	32.9	31.9	30.9	29.0	27.1	23.2	19.3
125°	31.9	31.9	30.9	30.9	30.0	29.0	28.0	26.1	23.2	20.3	17.4
127.5°	29.0	28.0	28.0	28.0	27.1	26.1	24.2	23.2	20.3	17.4	14.5
130°	25.1	25.1	25.1	24.2	24.2	23.2	21.3	19.3	17.4	15.5	12.6
132.5°	22.2	22.2	22.2	22.2	21.3	20.3	18.4	17.4	15.5	12.6	10.6
135°	20.3	20.3	19.3	19.3	18.4	17.4	16.4	14.5	12.6	10.6	8.7
137.5°	17.4	17.4	17.4	16.4	16.4	15.5	13.5	12.6	11.6	9.7	7.7
140°	15.5	15.5	14.5	14.5	13.5	13.5	12.6	10.6	9.7	7.7	6.8
142.5°	13.5	13.5	12.6	12.6	11.6	11.6	10.6	9.7	7.7	6.8	4.8
145°	11.6	11.6	10.6	10.6	10.6	9.7	8.7	7.7	6.8	5.8	4.8
147.5°	9.7	9.7	9.7	8.7	8.7	7.7	7.7	6.8	5.8	4.8	3.9
150°	8.7	8.7	7.7	7.7	7.7	6.8	5.8	5.8	4.8	3.9	2.9
152.5°	6.8	6.8	6.8	6.8	5.8	5.8	4.8	4.8	3.9	2.9	2.9
155°	5.8	5.8	5.8	4.8	4.8	4.8	3.9	3.9	2.9	2.9	1.9
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: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9	1871.9
2.5°	1861.3	1860.3	1869.0	1868.1	1856.5	1873.9	1885.5
5°	1856.5	1855.5	1863.2	1865.2	1852.6	1871.0	1883.6
7.5°	1852.6	1851.6	1860.3	1863.2	1850.7	1867.1	1880.6
10°	1853.6	1848.7	1856.5	1858.4	1846.8	1864.2	1875.8
12.5°	1860.3	1848.7	1851.6	1851.6	1841.0	1856.5	1869.0
15°	1876.8	1852.6	1848.7	1845.8	1832.3	1846.8	1859.4
17.5°	1895.2	1862.3	1848.7	1839.1	1822.6	1835.2	1848.7
20°	1913.5	1872.9	1850.7	1835.2	1813.0	1824.6	1834.2
22.5°	1922.2	1882.6	1852.6	1829.4	1801.4	1807.2	1817.8
25°	1910.6	1878.7	1848.7	1820.7	1786.9	1787.8	1796.5
27.5°	1868.1	1859.4	1840.0	1812.0	1775.3	1770.4	1777.2
30°	1795.6	1819.7	1820.7	1800.4	1761.7	1752.1	1755.0
32.5°	1694.0	1748.2	1780.1	1776.2	1742.4	1728.8	1730.8
35°	1577.0	1644.7	1714.3	1737.5	1713.4	1702.7	1698.9
37.5°	1436.8	1527.7	1620.5	1677.6	1673.7	1667.0	1663.1
40°	1282.1	1391.4	1501.6	1592.5	1620.5	1620.5	1622.5
42.5°	1116.8	1244.4	1365.3	1480.3	1546.1	1560.6	1566.4
45°	957.2	1085.8	1217.3	1349.8	1437.8	1483.2	1499.7
47.5°	812.2	941.8	1066.5	1211.5	1328.5	1387.5	1413.6
50°	688.4	785.1	916.6	1060.7	1188.3	1260.9	1312.1
52.5°	586.0	661.4	776.4	910.8	1039.4	1139.0	1186.4
55°	499.9	551.1	648.8	764.8	887.6	991.1	1046.2
57.5°	427.4	468.0	534.7	631.4	734.9	837.3	896.3
60°	363.6	391.6	437.0	513.4	601.4	689.4	746.5
62.5°	308.4	326.8	356.8	412.9	481.5	550.2	603.4
65°	265.9	273.6	290.1	324.9	377.1	429.3	474.8
67.5°	224.3	229.2	241.7	263.0	289.1	326.8	356.8
70°	193.4	193.4	194.3	206.9	220.5	244.6	265.9
72.5°	168.2	165.3	159.5	162.4	165.3	178.9	192.4
75°	147.9	141.2	131.5	127.6	125.7	127.6	135.4
77.5°	130.5	120.9	109.3	99.6	91.9	89.0	95.7
80°	116.0	104.4	90.9	78.3	65.8	59.0	61.9
82.5°	104.4	89.9	75.4	60.9	46.4	36.7	36.7
85°	91.9	78.3	62.8	47.4	32.9	20.3	18.4
87.5°	83.2	68.7	52.2	37.7	23.2	10.6	5.8
90°	74.5	59.9	44.5	30.0	16.4	4.8	0.0
92.5°	66.7	53.2	38.7	24.2	11.6	2.9	0.0
95°	59.9	47.4	32.9	20.3	9.7	1.9	1.0
97.5°	53.2	41.6	29.0	16.4	6.8	1.9	1.0
100°	48.3	36.7	25.1	13.5	5.8	1.0	1.0
102.5°	42.5	32.9	21.3	11.6	4.8	1.0	1.0
105°	37.7	29.0	18.4	9.7	3.9	1.0	1.0
107.5°	33.8	25.1	16.4	8.7	3.9	1.0	1.0
110°	30.0	22.2	14.5	7.7	2.9	1.0	1.0



TEST NUMBER: P290221

CATALOG NUMBER: 8SSRK-LC-50-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	27.1	19.3	12.6	6.8	1.9	1.0	1.0
115°	23.2	17.4	10.6	5.8	1.9	1.0	1.0
117.5°	20.3	14.5	9.7	4.8	1.9	1.0	1.0
120°	17.4	12.6	7.7	3.9	1.0	1.0	1.0
122.5°	15.5	10.6	6.8	3.9	1.0	1.0	1.0
125°	13.5	9.7	5.8	2.9	1.0	1.0	1.0
127.5°	11.6	7.7	4.8	1.9	1.0	1.0	1.0
130°	9.7	6.8	3.9	1.9	1.0	1.0	1.0
132.5°	7.7	5.8	3.9	1.9	1.0	1.0	1.0
135°	6.8	4.8	2.9	1.9	1.0	1.0	1.0
137.5°	5.8	3.9	1.9	1.9	1.9	1.0	1.0
140°	4.8	2.9	1.9	1.9	1.9	1.9	1.0
142.5°	3.9	2.9	1.9	1.9	1.9	1.9	1.0
145°	2.9	1.9	1.9	1.9	1.9	1.9	1.0
147.5°	2.9	1.9	1.9	1.9	1.9	1.9	1.0
150°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
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)