

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: P290222

Luminaire Tested: **8SSRK-LC-50-L940-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: P290222  
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-L940-CD1-U  
Description: 5000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4570.7 lumens  
Efficiency: N/A  
Efficacy: 133.7 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

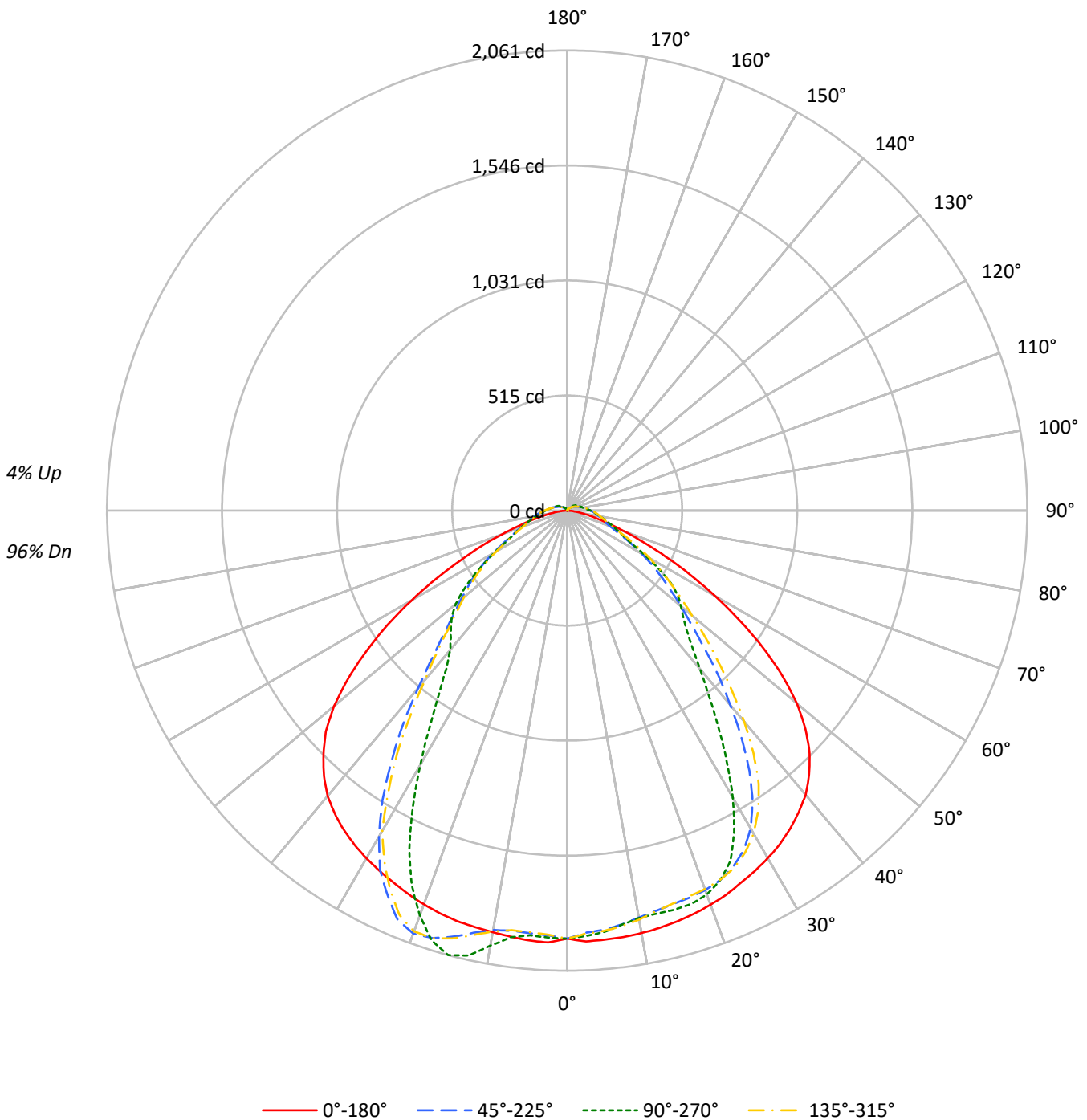
Input Watts (W): 34.1991  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

### 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	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°	61912	61912	61912	61912
5°	62421	45490	62547	45848
10°	62768	35628	62637	38047
15°	63312	29866	63279	33255
20°	64074	25608	64005	26994
25°	64928	21527	64896	20800
30°	66227	16726	66260	14818
35°	67606	12223	67800	10344
40°	68847	8941	69133	7877
45°	68713	6901	69066	6720
50°	65877	5797	66799	5668
55°	58581	4751	60046	4319
60°	47654	3307	50185	3034
65°	35568	2291	38318	2172
70°	24317	1778	27416	1700
75°	16045	1427	18684	1350
80°	10544	1167	12357	1073
85°	5626	998	7421	911



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.1	4.0
10°-20°	541.9	11.9
20°-30°	823.8	18.0
30°-40°	883.7	19.3
40°-50°	767.0	16.8
50°-60°	568.4	12.4
60°-70°	325.7	7.1
70°-80°	180.3	3.9
80°-90°	109.8	2.4
90°-100°	71.4	1.6
100°-110°	47.8	1.0
110°-120°	32.3	0.7
120°-130°	19.8	0.4
130°-140°	10.4	0.2
140°-150°	4.8	0.1
150°-160°	1.4	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1547.8	33.9
0°-40°	2431.5	53.2
0°-60°	3766.9	82.4
0°-90°	4382.8	95.9
90°-120°	151.5	3.3
90°-150°	186.5	4.1
90°-180°	188.0	4.1
0°-180°	4570.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1917	1917	1917	1917	1917	
5°	1929	1894	1933	1909	1929	184
15°	1904	1851	1903	2061	1904	539
25°	1840	1731	1839	1673	1840	851
35°	1740	1178	1745	997	1740	1089
45°	1536	756	1544	736	1536	1176
55°	1072	566	1098	515	1072	950
65°	486	287	524	272	486	490
75°	139	182	161	172	139	158
85°	19	126	25	115	19	25
90°	0	105	2	97	0	1
95°	1	86	0	82	1	1
105°	1	64	1	61	1	1
115°	1	52	1	48	1	1
125°	1	40	1	33	1	1
135°	1	25	1	21	1	1
145°	1	15	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°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1931.2	1926.2	1924.2	1920.3	1923.2	1935.1	1927.2	1914.3	1915.3	1892.5	1904.4
5°	1929.2	1923.2	1920.3	1916.3	1918.3	1929.2	1921.3	1908.4	1907.4	1884.6	1895.5
7.5°	1926.2	1920.3	1915.3	1912.3	1913.3	1922.2	1912.3	1897.5	1894.5	1869.8	1879.7
10°	1921.3	1917.3	1910.4	1905.4	1904.4	1914.3	1898.5	1883.6	1876.7	1850.9	1860.8
12.5°	1914.3	1908.4	1901.4	1892.5	1891.5	1897.5	1884.6	1863.8	1856.9	1836.1	1847.0
15°	1904.4	1897.5	1889.6	1879.7	1874.7	1878.7	1862.8	1844.0	1843.0	1825.2	1840.0
17.5°	1893.5	1883.6	1874.7	1860.8	1853.9	1856.9	1844.0	1827.2	1829.1	1818.3	1835.1
20°	1878.7	1867.8	1853.9	1840.0	1830.1	1835.1	1826.2	1813.3	1816.3	1808.4	1823.2
22.5°	1861.8	1847.0	1830.1	1814.3	1806.4	1813.3	1806.4	1795.5	1796.5	1791.5	1800.4
25°	1840.0	1823.2	1803.4	1783.6	1779.6	1784.6	1780.6	1771.7	1767.7	1759.8	1763.8
27.5°	1820.2	1801.4	1776.7	1755.9	1748.9	1758.8	1749.9	1735.1	1724.2	1713.3	1705.4
30°	1797.5	1774.7	1747.0	1723.2	1717.2	1721.2	1708.3	1685.6	1656.8	1643.0	1621.2
32.5°	1772.7	1743.0	1708.3	1681.6	1677.6	1674.7	1650.9	1618.2	1573.6	1545.9	1512.2
35°	1740.0	1707.3	1665.7	1633.1	1627.1	1610.3	1571.7	1528.1	1470.6	1423.1	1365.7
37.5°	1703.4	1664.8	1621.2	1577.6	1560.8	1527.1	1472.6	1427.1	1339.9	1282.5	1213.2
40°	1661.8	1615.2	1561.8	1509.3	1481.5	1427.1	1364.7	1297.3	1213.2	1135.9	1077.5
42.5°	1604.3	1554.8	1491.4	1433.0	1385.5	1313.2	1239.9	1144.8	1067.6	1002.2	942.8
45°	1536.0	1476.6	1403.3	1333.0	1272.6	1186.4	1100.3	1005.2	940.8	864.6	824.0
47.5°	1447.9	1383.5	1305.3	1227.0	1147.8	1052.7	962.6	871.5	807.1	752.7	722.9
50°	1343.9	1284.5	1198.3	1105.2	1018.1	919.0	828.9	760.6	698.2	664.5	641.7
52.5°	1215.1	1159.7	1071.5	970.5	886.4	789.3	707.1	651.6	607.1	582.3	574.4
55°	1071.5	1023.0	935.9	841.8	755.6	666.5	604.1	555.6	526.9	512.0	513.0
57.5°	918.0	880.4	798.2	714.0	632.8	565.5	509.0	470.4	448.6	447.6	450.6
60°	764.5	736.8	665.5	593.2	521.9	467.4	425.8	399.1	385.2	386.2	385.2
62.5°	618.0	592.2	540.7	481.3	424.9	388.2	350.6	339.7	327.8	326.8	326.8
65°	486.3	466.4	424.9	382.3	339.7	315.9	297.1	284.2	275.3	273.3	274.3
67.5°	365.4	357.5	328.8	300.1	273.3	258.5	242.6	239.7	232.7	232.7	234.7
70°	272.3	266.4	250.6	233.7	222.8	212.9	205.0	205.0	204.0	203.0	208.0
72.5°	197.1	198.1	193.1	180.2	179.3	177.3	175.3	178.3	179.3	182.2	188.2
75°	138.6	141.6	141.6	139.6	143.6	148.6	151.5	156.5	162.4	166.4	173.3
77.5°	98.0	98.0	103.0	108.9	116.9	125.8	133.7	140.6	148.6	153.5	159.4
80°	63.4	66.4	74.3	85.2	96.1	107.9	118.8	127.8	135.7	143.6	147.6
82.5°	37.6	42.6	52.5	66.4	80.2	95.1	106.0	116.9	125.8	133.7	136.7
85°	18.8	25.7	37.6	52.5	67.3	83.2	97.1	107.0	116.9	123.8	127.8
87.5°	5.9	13.9	26.7	40.6	56.4	72.3	87.1	98.0	107.0	112.9	116.9
90°	0.0	6.9	18.8	33.7	48.5	64.4	78.2	90.1	99.0	104.0	107.0
92.5°	0.0	4.0	14.9	27.7	41.6	57.4	71.3	82.2	90.1	95.1	97.1
95°	1.0	3.0	10.9	22.8	36.6	51.5	64.4	74.3	82.2	87.1	88.1
97.5°	1.0	2.0	8.9	18.8	31.7	45.6	58.4	68.3	74.3	79.2	80.2
100°	1.0	2.0	6.9	16.8	27.7	40.6	52.5	61.4	68.3	72.3	73.3
102.5°	1.0	1.0	5.9	13.9	24.8	35.7	46.5	55.5	61.4	65.4	67.3
105°	1.0	1.0	5.0	11.9	21.8	31.7	41.6	50.5	55.5	59.4	61.4
107.5°	1.0	1.0	4.0	9.9	18.8	27.7	37.6	44.6	50.5	54.5	56.4
110°	1.0	1.0	3.0	8.9	15.8	24.8	32.7	39.6	45.6	49.5	51.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.0	1.0	3.0	7.9	13.9	21.8	28.7	35.7	40.6	44.6	47.5
115°	1.0	1.0	3.0	6.9	12.9	18.8	25.7	31.7	36.6	40.6	43.6
117.5°	1.0	1.0	3.0	5.9	10.9	16.8	22.8	28.7	32.7	36.6	39.6
120°	1.0	1.0	2.0	5.0	9.9	14.9	19.8	24.8	29.7	33.7	36.6
122.5°	1.0	1.0	2.0	5.0	7.9	12.9	17.8	21.8	26.7	29.7	32.7
125°	1.0	1.0	2.0	4.0	6.9	11.9	15.8	19.8	22.8	26.7	29.7
127.5°	1.0	1.0	2.0	4.0	5.9	9.9	13.9	17.8	20.8	23.8	25.7
130°	1.0	1.0	2.0	3.0	5.0	7.9	11.9	14.9	18.8	20.8	22.8
132.5°	1.0	1.0	1.0	3.0	4.0	5.9	8.9	12.9	15.8	18.8	19.8
135°	1.0	1.0	1.0	2.0	4.0	5.0	6.9	9.9	12.9	15.8	17.8
137.5°	1.0	1.0	1.0	2.0	3.0	5.0	5.9	7.9	10.9	12.9	15.8
140°	1.0	1.0	1.0	2.0	3.0	4.0	5.0	6.9	8.9	10.9	12.9
142.5°	1.0	1.0	1.0	2.0	2.0	3.0	4.0	5.9	6.9	8.9	10.9
145°	1.0	1.0	1.0	2.0	2.0	3.0	4.0	5.0	5.9	6.9	8.9
147.5°	1.0	1.0	1.0	2.0	2.0	2.0	3.0	4.0	5.0	5.9	6.9
150°	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	5.0	5.9
152.5°	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0
155°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	4.0	4.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1900.5	1902.4	1914.3	1913.3	1911.3	1909.4	1909.4	1907.4	1909.4	1914.3	1912.3
5°	1890.6	1893.5	1902.4	1901.4	1899.5	1898.5	1897.5	1894.5	1896.5	1903.4	1901.4
7.5°	1872.7	1875.7	1883.6	1879.7	1876.7	1878.7	1873.7	1870.7	1874.7	1881.6	1880.6
10°	1853.9	1855.9	1865.8	1863.8	1858.9	1859.8	1854.9	1852.9	1857.9	1861.8	1862.8
12.5°	1841.0	1848.0	1856.9	1855.9	1854.9	1855.9	1850.9	1849.0	1851.9	1855.9	1854.9
15°	1838.1	1847.0	1856.9	1856.9	1857.9	1858.9	1853.9	1850.9	1853.9	1856.9	1855.9
17.5°	1835.1	1846.0	1854.9	1853.9	1854.9	1856.9	1849.0	1847.0	1850.9	1854.9	1852.9
20°	1825.2	1835.1	1841.0	1839.1	1839.1	1840.0	1830.1	1830.1	1836.1	1839.1	1840.0
22.5°	1797.5	1809.3	1809.3	1804.4	1804.4	1800.4	1797.5	1791.5	1798.4	1803.4	1807.4
25°	1755.9	1760.8	1754.9	1744.0	1738.0	1733.1	1719.2	1731.1	1731.1	1746.0	1750.9
27.5°	1697.4	1686.5	1669.7	1646.9	1642.0	1626.1	1617.2	1620.2	1625.1	1645.9	1661.8
30°	1601.4	1568.7	1540.0	1530.1	1508.3	1492.4	1476.6	1484.5	1493.4	1505.3	1538.0
32.5°	1474.6	1442.9	1396.4	1379.5	1356.8	1337.0	1318.1	1330.0	1345.9	1353.8	1389.4
35°	1329.0	1291.4	1248.8	1220.1	1196.3	1185.4	1161.7	1178.5	1195.3	1201.3	1232.0
37.5°	1174.5	1135.9	1098.3	1073.5	1050.7	1043.8	1028.0	1039.9	1052.7	1061.6	1087.4
40°	1028.0	992.3	963.6	946.8	930.9	925.0	919.0	924.0	933.9	940.8	960.6
42.5°	902.2	873.5	853.7	843.8	832.9	824.9	825.9	827.9	832.9	847.7	856.6
45°	792.3	775.4	762.6	760.6	753.6	752.7	751.7	755.6	758.6	767.5	774.4
47.5°	704.1	697.2	694.2	698.2	701.2	697.2	699.2	704.1	710.1	710.1	709.1
50°	634.8	636.8	640.7	649.7	655.6	657.6	659.6	665.5	666.5	668.5	665.5
52.5°	578.4	580.3	591.2	605.1	612.0	615.0	619.0	624.9	624.9	626.9	622.9
55°	520.9	523.9	534.8	548.6	554.6	558.5	562.5	566.5	569.4	573.4	570.4
57.5°	457.5	466.4	473.4	477.3	481.3	484.3	487.2	488.2	494.2	495.2	500.1
60°	390.2	392.2	399.1	398.1	395.1	403.1	399.1	406.0	413.0	421.9	422.9
62.5°	325.8	326.8	331.8	329.8	333.7	332.8	335.7	335.7	340.7	344.6	349.6
65°	275.3	276.3	280.3	280.3	279.3	282.2	285.2	287.2	287.2	290.2	294.1
67.5°	237.7	240.7	244.6	246.6	248.6	248.6	251.5	252.5	254.5	255.5	257.5
70°	211.9	215.9	219.9	221.8	222.8	224.8	225.8	225.8	227.8	228.8	230.7
72.5°	193.1	197.1	200.0	200.0	202.0	203.0	203.0	204.0	205.0	207.0	209.0
75°	177.3	180.2	182.2	181.2	181.2	181.2	182.2	182.2	184.2	186.2	188.2
77.5°	162.4	165.4	165.4	163.4	163.4	163.4	163.4	164.4	165.4	167.4	169.3
80°	151.5	151.5	150.5	150.5	148.6	147.6	147.6	148.6	148.6	150.5	153.5
82.5°	139.6	139.6	138.6	137.7	136.7	135.7	135.7	136.7	137.7	138.6	140.6
85°	128.7	128.7	126.8	126.8	125.8	125.8	125.8	125.8	126.8	127.8	129.7
87.5°	117.8	116.9	115.9	114.9	114.9	114.9	114.9	114.9	115.9	117.8	118.8
90°	107.0	106.0	105.0	105.0	104.0	104.0	105.0	105.0	106.0	107.0	107.9
92.5°	97.1	96.1	95.1	95.1	94.1	94.1	95.1	94.1	96.1	96.1	97.1
95°	88.1	87.1	86.2	86.2	86.2	86.2	86.2	86.2	87.1	87.1	88.1
97.5°	80.2	79.2	78.2	78.2	79.2	78.2	79.2	79.2	79.2	80.2	81.2
100°	73.3	72.3	72.3	73.3	72.3	72.3	73.3	73.3	73.3	73.3	74.3
102.5°	67.3	67.3	67.3	67.3	67.3	67.3	68.3	68.3	68.3	68.3	69.3
105°	61.4	62.4	62.4	62.4	63.4	63.4	63.4	64.4	64.4	64.4	64.4
107.5°	57.4	58.4	58.4	59.4	59.4	60.4	60.4	60.4	60.4	61.4	61.4
110°	53.5	54.5	55.5	56.4	56.4	57.4	57.4	57.4	57.4	57.4	57.4





TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	49.5	50.5	51.5	53.5	54.5	54.5	54.5	54.5	55.5	55.5	54.5
115°	45.6	47.5	48.5	50.5	51.5	51.5	52.5	52.5	52.5	52.5	51.5
117.5°	41.6	44.6	45.6	47.5	48.5	48.5	49.5	49.5	49.5	49.5	48.5
120°	38.6	40.6	42.6	43.6	44.6	45.6	45.6	46.5	46.5	46.5	45.6
122.5°	35.7	37.6	39.6	40.6	41.6	42.6	42.6	42.6	42.6	42.6	42.6
125°	31.7	33.7	35.7	36.6	37.6	38.6	38.6	39.6	39.6	39.6	38.6
127.5°	28.7	30.7	31.7	33.7	34.7	34.7	35.7	35.7	35.7	35.7	34.7
130°	24.8	26.7	28.7	29.7	30.7	30.7	31.7	31.7	31.7	31.7	31.7
132.5°	21.8	23.8	24.8	26.7	26.7	27.7	27.7	28.7	28.7	28.7	27.7
135°	19.8	20.8	21.8	23.8	23.8	24.8	24.8	24.8	24.8	24.8	24.8
137.5°	17.8	18.8	19.8	20.8	20.8	21.8	21.8	21.8	21.8	22.8	21.8
140°	14.9	16.8	17.8	17.8	18.8	18.8	18.8	19.8	19.8	19.8	18.8
142.5°	12.9	13.9	14.9	15.8	16.8	16.8	16.8	16.8	17.8	16.8	16.8
145°	9.9	11.9	12.9	13.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
147.5°	7.9	8.9	10.9	11.9	11.9	12.9	12.9	12.9	12.9	12.9	12.9
150°	6.9	6.9	8.9	9.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
152.5°	5.0	5.9	6.9	7.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
155°	5.0	5.0	5.9	5.9	6.9	6.9	6.9	6.9	7.9	6.9	6.9
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: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1909.4	1908.4	1912.3	1908.4	1888.6	1896.5	1893.5	1904.4	1905.4	1908.4	1918.3
5°	1899.5	1899.5	1904.4	1900.5	1881.6	1889.6	1888.6	1899.5	1901.4	1903.4	1914.3
7.5°	1879.7	1880.6	1887.6	1884.6	1864.8	1876.7	1875.7	1888.6	1892.5	1896.5	1906.4
10°	1860.8	1859.8	1867.8	1864.8	1846.0	1859.8	1858.9	1871.7	1877.7	1884.6	1896.5
12.5°	1850.9	1848.0	1850.9	1848.0	1827.2	1838.1	1839.1	1853.9	1860.8	1869.8	1883.6
15°	1850.9	1846.0	1846.0	1840.0	1816.3	1823.2	1824.2	1834.1	1843.0	1851.9	1868.8
17.5°	1849.0	1844.0	1843.0	1838.1	1812.3	1812.3	1811.3	1818.3	1823.2	1832.1	1849.9
20°	1838.1	1836.1	1835.1	1832.1	1808.4	1804.4	1802.4	1802.4	1805.4	1808.4	1826.2
22.5°	1809.3	1811.3	1813.3	1815.3	1796.5	1789.5	1790.5	1788.5	1785.6	1785.6	1800.4
25°	1755.9	1765.8	1773.7	1782.6	1771.7	1766.8	1772.7	1769.7	1764.8	1760.8	1773.7
27.5°	1670.7	1691.5	1708.3	1730.1	1731.1	1727.1	1743.0	1741.0	1740.0	1734.1	1744.0
30°	1552.8	1585.5	1608.3	1640.0	1666.7	1670.7	1697.4	1701.4	1705.4	1702.4	1712.3
32.5°	1410.2	1454.8	1493.4	1542.9	1568.7	1591.5	1629.1	1644.9	1660.8	1665.7	1676.6
35°	1254.8	1305.3	1350.8	1405.3	1445.9	1495.4	1541.0	1564.7	1600.4	1614.2	1630.1
37.5°	1107.2	1154.7	1199.3	1253.8	1319.1	1370.6	1427.1	1480.6	1529.1	1548.9	1572.7
40°	976.5	1015.1	1057.7	1105.2	1164.6	1232.0	1293.4	1367.7	1425.1	1464.7	1499.4
42.5°	877.4	896.3	932.9	975.5	1023.0	1091.3	1153.7	1236.9	1306.3	1362.7	1420.1
45°	789.3	798.2	824.9	847.7	896.3	956.7	1023.0	1104.2	1176.5	1248.8	1318.1
47.5°	714.0	724.9	737.8	751.7	786.3	836.8	894.3	967.6	1039.9	1124.0	1203.3
50°	663.5	666.5	668.5	674.4	695.2	729.9	776.4	838.8	908.1	998.3	1082.4
52.5°	619.0	619.0	613.0	610.0	618.0	639.8	666.5	711.1	782.4	865.6	954.7
55°	571.4	562.5	560.5	550.6	552.6	562.5	575.4	610.0	668.5	739.8	825.9
57.5°	505.1	501.1	501.1	497.1	489.2	494.2	497.1	521.9	563.5	624.9	700.2
60°	428.8	426.8	431.8	432.8	425.8	428.8	427.8	442.7	472.4	521.9	584.3
62.5°	352.6	361.5	362.5	366.4	362.5	361.5	366.4	379.3	394.2	431.8	480.3
65°	296.1	301.1	302.1	307.0	305.0	305.0	309.0	318.9	327.8	353.5	391.2
67.5°	259.5	257.5	258.5	261.4	258.5	257.5	260.5	266.4	273.3	289.2	315.9
70°	230.7	228.8	228.8	228.8	224.8	221.8	222.8	224.8	227.8	236.7	253.5
72.5°	209.0	209.0	206.0	203.0	200.0	198.1	196.1	194.1	193.1	196.1	205.0
75°	189.2	190.1	189.2	186.2	182.2	178.3	174.3	170.3	165.4	163.4	164.4
77.5°	171.3	172.3	173.3	172.3	168.4	163.4	157.5	151.5	144.6	137.7	133.7
80°	155.5	157.5	158.5	157.5	154.5	150.5	143.6	136.7	126.8	117.8	107.9
82.5°	141.6	144.6	145.6	145.6	143.6	139.6	131.7	123.8	112.9	101.0	88.1
85°	130.7	132.7	134.7	134.7	133.7	129.7	121.8	112.9	102.0	88.1	74.3
87.5°	119.8	120.8	122.8	124.8	122.8	118.8	111.9	102.0	91.1	77.2	61.4
90°	108.9	109.9	111.9	113.9	112.9	108.9	103.0	94.1	82.2	67.3	51.5
92.5°	98.0	100.0	101.0	102.0	103.0	100.0	95.1	86.2	74.3	59.4	44.6
95°	90.1	90.1	92.1	93.1	94.1	91.1	87.1	78.2	67.3	53.5	38.6
97.5°	82.2	82.2	84.2	84.2	85.2	83.2	79.2	71.3	60.4	47.5	32.7
100°	74.3	75.3	76.3	77.2	77.2	76.3	72.3	64.4	54.5	42.6	28.7
102.5°	69.3	69.3	70.3	70.3	71.3	69.3	65.4	58.4	48.5	37.6	24.8
105°	64.4	64.4	65.4	65.4	64.4	62.4	58.4	52.5	43.6	32.7	21.8
107.5°	60.4	60.4	60.4	60.4	59.4	57.4	53.5	46.5	38.6	29.7	19.8
110°	57.4	56.4	56.4	55.5	54.5	51.5	47.5	41.6	34.7	25.7	16.8



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	54.5	53.5	52.5	51.5	49.5	46.5	42.6	37.6	30.7	22.8	14.9
115°	51.5	50.5	49.5	47.5	45.6	42.6	38.6	33.7	26.7	19.8	12.9
117.5°	48.5	47.5	45.6	43.6	41.6	38.6	34.7	29.7	23.8	17.8	11.9
120°	44.6	43.6	42.6	40.6	38.6	34.7	30.7	26.7	20.8	15.8	9.9
122.5°	41.6	40.6	38.6	37.6	34.7	31.7	27.7	23.8	18.8	13.9	8.9
125°	37.6	36.6	35.7	33.7	31.7	27.7	24.8	20.8	16.8	11.9	6.9
127.5°	34.7	33.7	31.7	29.7	27.7	24.8	21.8	18.8	14.9	9.9	6.9
130°	30.7	29.7	28.7	26.7	24.8	21.8	19.8	15.8	12.9	8.9	5.9
132.5°	26.7	26.7	25.7	23.8	21.8	19.8	16.8	13.9	10.9	7.9	5.0
135°	24.8	23.8	22.8	20.8	19.8	16.8	14.9	11.9	8.9	6.9	4.0
137.5°	21.8	20.8	19.8	18.8	16.8	14.9	12.9	9.9	7.9	5.9	4.0
140°	18.8	17.8	17.8	15.8	14.9	12.9	10.9	8.9	6.9	5.0	3.0
142.5°	16.8	15.8	14.9	13.9	12.9	10.9	8.9	6.9	5.9	4.0	3.0
145°	14.9	13.9	12.9	11.9	10.9	8.9	7.9	5.9	5.0	4.0	3.0
147.5°	11.9	11.9	10.9	9.9	8.9	7.9	6.9	5.9	4.0	3.0	2.0
150°	9.9	9.9	8.9	7.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0
152.5°	8.9	7.9	7.9	6.9	6.9	5.9	5.0	4.0	3.0	3.0	2.0
155°	6.9	6.9	6.9	5.9	5.9	5.0	4.0	4.0	3.0	2.0	2.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1920.3	1908.4	1918.3	1936.1	1934.1	1932.1	1930.2	1934.1	1947.0	1940.1	1929.2
5°	1917.3	1905.4	1916.3	1933.1	1932.1	1929.2	1927.2	1931.2	1944.0	1937.1	1925.2
7.5°	1911.3	1900.5	1908.4	1925.2	1925.2	1923.2	1921.3	1925.2	1937.1	1931.2	1919.3
10°	1901.4	1893.5	1901.4	1917.3	1918.3	1914.3	1912.3	1917.3	1929.2	1926.2	1916.3
12.5°	1893.5	1885.6	1894.5	1910.4	1911.3	1907.4	1904.4	1910.4	1926.2	1928.2	1925.2
15°	1882.6	1875.7	1886.6	1903.4	1903.4	1900.5	1900.5	1908.4	1930.2	1939.1	1944.0
17.5°	1866.8	1861.8	1874.7	1891.5	1892.5	1890.6	1891.5	1907.4	1936.1	1957.9	1971.8
20°	1847.0	1845.0	1858.9	1876.7	1879.7	1880.6	1885.6	1909.4	1949.0	1978.7	1992.6
22.5°	1823.2	1824.2	1840.0	1858.9	1862.8	1865.8	1875.7	1909.4	1958.9	1990.6	1996.5
25°	1796.5	1799.4	1816.3	1839.1	1844.0	1849.9	1866.8	1910.4	1961.9	1982.7	1972.7
27.5°	1767.7	1773.7	1795.5	1819.2	1825.2	1835.1	1856.9	1904.4	1948.0	1949.0	1912.3
30°	1738.0	1745.0	1770.7	1798.4	1808.4	1818.3	1845.0	1890.6	1914.3	1882.6	1818.3
32.5°	1704.4	1714.3	1740.0	1773.7	1785.6	1798.4	1825.2	1863.8	1854.9	1786.6	1694.5
35°	1661.8	1675.6	1705.4	1745.0	1755.9	1772.7	1791.5	1800.4	1760.8	1663.8	1559.8
37.5°	1609.3	1630.1	1664.8	1710.3	1722.2	1733.1	1738.0	1713.3	1634.1	1529.1	1421.1
40°	1548.9	1580.6	1618.2	1668.7	1680.6	1680.6	1662.8	1610.3	1510.3	1372.6	1252.8
42.5°	1475.6	1514.2	1561.8	1612.3	1624.1	1610.3	1567.7	1475.6	1361.7	1208.2	1081.4
45°	1386.5	1438.0	1491.4	1543.9	1549.9	1519.2	1442.9	1326.1	1185.4	1042.8	922.0
47.5°	1280.5	1347.8	1406.3	1465.7	1457.8	1406.3	1304.3	1171.6	1023.0	888.3	791.3
50°	1161.7	1240.9	1306.3	1362.7	1345.9	1274.6	1154.7	1016.1	868.5	753.6	673.4
52.5°	1034.9	1126.0	1191.4	1236.9	1214.2	1129.0	997.3	864.6	743.7	638.8	585.3
55°	903.2	995.3	1062.6	1098.3	1068.6	976.5	846.7	725.9	612.0	543.7	512.0
57.5°	775.4	861.6	925.0	953.7	916.1	824.0	704.1	602.1	519.9	462.5	446.6
60°	652.6	722.9	783.4	805.1	764.5	679.4	576.4	495.2	434.8	395.1	387.2
62.5°	538.7	596.2	643.7	660.6	620.9	554.6	465.5	405.0	362.5	342.7	332.8
65°	444.7	478.3	526.9	523.9	500.1	438.7	373.4	330.8	303.0	290.2	284.2
67.5°	349.6	380.3	411.0	415.0	385.2	342.7	300.1	269.4	254.5	247.6	244.6
70°	270.4	293.1	312.0	307.0	291.2	264.4	237.7	220.8	214.9	211.9	211.9
72.5°	210.0	221.8	230.7	224.8	214.9	201.0	188.2	181.2	182.2	184.2	186.2
75°	162.4	165.4	167.4	161.4	159.4	150.5	149.5	150.5	156.5	162.4	165.4
77.5°	124.8	120.8	117.8	111.9	112.9	111.9	116.9	124.8	133.7	142.6	150.5
80°	96.1	87.1	80.2	74.3	77.2	82.2	92.1	104.0	115.9	125.8	135.7
82.5°	74.3	61.4	51.5	45.6	51.5	59.4	72.3	87.1	101.0	111.9	122.8
85°	57.4	42.6	30.7	24.8	30.7	42.6	56.4	73.3	88.1	100.0	110.9
87.5°	44.6	30.7	16.8	9.9	16.8	29.7	45.6	61.4	76.3	90.1	101.0
90°	35.7	20.8	7.9	2.0	8.9	20.8	35.7	51.5	66.4	81.2	92.1
92.5°	28.7	14.9	4.0	0.0	5.0	15.8	29.7	44.6	59.4	73.3	84.2
95°	23.8	11.9	3.0	0.0	4.0	11.9	23.8	38.6	52.5	66.4	75.3
97.5°	19.8	8.9	2.0	0.0	2.0	9.9	19.8	32.7	46.5	59.4	68.3
100°	16.8	7.9	2.0	0.0	2.0	7.9	16.8	28.7	40.6	52.5	61.4
102.5°	13.9	5.9	1.0	1.0	1.0	5.9	14.9	24.8	35.7	46.5	55.5
105°	12.9	5.0	1.0	1.0	1.0	5.0	12.9	21.8	31.7	41.6	49.5
107.5°	10.9	4.0	1.0	1.0	1.0	4.0	10.9	18.8	28.7	37.6	44.6
110°	8.9	4.0	1.0	1.0	1.0	4.0	8.9	16.8	24.8	32.7	39.6



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.9	3.0	1.0	1.0	1.0	3.0	7.9	14.9	21.8	29.7	35.7
115°	6.9	3.0	1.0	1.0	1.0	3.0	6.9	12.9	18.8	25.7	31.7
117.5°	5.9	3.0	1.0	1.0	1.0	2.0	5.9	10.9	16.8	22.8	28.7
120°	5.0	2.0	1.0	1.0	1.0	2.0	5.0	9.9	14.9	19.8	24.8
122.5°	5.0	2.0	1.0	1.0	1.0	2.0	4.0	7.9	12.9	16.8	21.8
125°	4.0	2.0	1.0	1.0	1.0	1.0	4.0	6.9	10.9	14.9	18.8
127.5°	4.0	2.0	1.0	1.0	1.0	1.0	3.0	5.9	8.9	12.9	16.8
130°	3.0	2.0	1.0	1.0	1.0	1.0	2.0	5.0	7.9	10.9	13.9
132.5°	3.0	2.0	1.0	1.0	1.0	1.0	2.0	4.0	5.9	8.9	11.9
135°	3.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	6.9	8.9
137.5°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	5.0	7.9
140°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	4.0	5.9
142.5°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	5.0
145°	2.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	3.0	4.0
147.5°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0
150°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0
152.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
155°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1927.2	1904.4	1916.3	1912.3	1916.3	1926.2	1925.2	1922.2	1924.2	1919.3	1914.3
5°	1923.2	1900.5	1912.3	1907.4	1912.3	1922.2	1920.3	1917.3	1920.3	1914.3	1909.4
7.5°	1918.3	1897.5	1911.3	1910.4	1919.3	1932.1	1933.1	1933.1	1940.1	1931.2	1927.2
10°	1918.3	1907.4	1926.2	1933.1	1955.9	1972.7	1974.7	1978.7	1990.6	1988.6	1978.7
12.5°	1939.1	1937.1	1964.8	1981.7	2002.5	2026.2	2039.1	2043.1	2051.0	2045.0	2041.1
15°	1965.8	1975.7	2006.4	2025.2	2048.0	2065.8	2068.8	2070.8	2076.7	2067.8	2060.9
17.5°	2001.5	2007.4	2032.2	2040.1	2054.9	2057.9	2054.0	2044.1	2044.1	2024.2	2018.3
20°	2018.3	2015.3	2025.2	2012.4	2006.4	1988.6	1971.8	1952.9	1952.0	1931.2	1929.2
22.5°	2003.4	1983.6	1962.8	1931.2	1917.3	1891.5	1868.8	1857.9	1850.9	1824.2	1817.3
25°	1951.0	1902.4	1871.7	1834.1	1800.4	1770.7	1748.9	1726.2	1704.4	1682.6	1672.7
27.5°	1859.8	1814.3	1764.8	1712.3	1665.7	1620.2	1583.5	1560.8	1540.0	1511.3	1496.4
30°	1747.9	1684.6	1630.1	1579.6	1503.3	1447.9	1417.2	1371.6	1355.8	1342.9	1315.2
32.5°	1616.2	1540.0	1465.7	1397.4	1319.1	1267.6	1227.0	1193.4	1183.5	1149.8	1141.9
35°	1470.6	1370.6	1286.4	1219.1	1162.7	1100.3	1066.6	1043.8	1024.0	1001.2	997.3
37.5°	1299.3	1209.2	1114.1	1054.7	1010.1	956.7	930.9	915.1	906.2	889.3	886.4
40°	1127.0	1036.9	971.5	912.1	884.4	855.6	836.8	829.9	825.9	820.0	814.1
42.5°	970.5	891.3	844.8	805.1	793.3	779.4	774.4	778.4	774.4	772.5	771.5
45°	837.8	777.4	744.7	732.8	729.9	725.9	729.9	736.8	737.8	735.8	735.8
47.5°	717.0	688.3	674.4	676.4	681.4	684.3	691.3	700.2	702.1	697.2	699.2
50°	637.8	620.9	618.0	625.9	636.8	640.7	648.7	655.6	654.6	652.6	650.7
52.5°	563.5	558.5	566.5	574.4	586.3	588.3	591.2	594.2	593.2	589.2	587.3
55°	501.1	505.1	512.0	515.0	523.9	522.9	523.9	523.9	519.9	517.9	515.0
57.5°	444.7	445.7	449.6	450.6	455.6	453.6	452.6	450.6	444.7	443.7	440.7
60°	387.2	385.2	394.2	387.2	391.2	387.2	386.2	381.3	375.3	374.3	372.4
62.5°	332.8	328.8	334.7	331.8	333.7	329.8	327.8	321.9	316.9	315.9	314.9
65°	284.2	282.2	288.2	287.2	289.2	284.2	282.2	278.3	274.3	273.3	272.3
67.5°	243.6	248.6	251.5	251.5	253.5	252.5	247.6	246.6	245.6	241.6	241.6
70°	213.9	216.9	222.8	223.8	222.8	224.8	220.8	219.9	218.9	216.9	215.9
72.5°	190.1	194.1	200.0	201.0	200.0	200.0	198.1	197.1	197.1	194.1	194.1
75°	171.3	176.3	181.2	181.2	181.2	179.3	177.3	177.3	175.3	174.3	172.3
77.5°	155.5	161.4	165.4	164.4	163.4	161.4	161.4	158.5	155.5	155.5	153.5
80°	143.6	147.6	150.5	149.5	148.6	145.6	144.6	141.6	139.6	136.7	136.7
82.5°	130.7	135.7	137.7	136.7	134.7	131.7	130.7	128.7	126.8	125.8	123.8
85°	119.8	124.8	125.8	123.8	121.8	119.8	118.8	117.8	116.9	114.9	114.9
87.5°	108.9	113.9	113.9	112.9	110.9	109.9	108.9	107.9	107.0	106.0	105.0
90°	100.0	104.0	104.0	103.0	102.0	101.0	100.0	99.0	98.0	97.1	97.1
92.5°	91.1	95.1	95.1	94.1	93.1	92.1	92.1	91.1	90.1	89.1	88.1
95°	83.2	87.1	87.1	87.1	86.2	85.2	85.2	84.2	83.2	83.2	82.2
97.5°	75.3	79.2	79.2	79.2	78.2	77.2	77.2	76.3	76.3	76.3	75.3
100°	68.3	71.3	72.3	72.3	71.3	71.3	71.3	70.3	70.3	70.3	69.3
102.5°	61.4	64.4	66.4	66.4	66.4	65.4	65.4	65.4	65.4	65.4	64.4
105°	55.5	58.4	60.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
107.5°	50.5	53.5	55.5	56.4	57.4	57.4	58.4	58.4	58.4	58.4	58.4
110°	45.6	48.5	51.5	52.5	53.5	54.5	54.5	55.5	54.5	54.5	54.5



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	40.6	44.6	46.5	48.5	49.5	50.5	51.5	51.5	51.5	51.5	51.5
115°	36.6	40.6	42.6	44.6	46.5	47.5	47.5	48.5	48.5	48.5	47.5
117.5°	32.7	36.6	38.6	40.6	41.6	43.6	44.6	44.6	44.6	44.6	43.6
120°	29.7	32.7	34.7	36.6	38.6	39.6	40.6	40.6	40.6	40.6	40.6
122.5°	25.7	28.7	31.7	33.7	34.7	35.7	36.6	36.6	36.6	36.6	36.6
125°	22.8	25.7	27.7	29.7	30.7	32.7	32.7	32.7	32.7	32.7	32.7
127.5°	19.8	22.8	24.8	26.7	27.7	28.7	29.7	29.7	29.7	29.7	29.7
130°	16.8	19.8	21.8	23.8	24.8	25.7	25.7	26.7	26.7	26.7	26.7
132.5°	14.9	16.8	18.8	20.8	21.8	22.8	22.8	23.8	23.8	23.8	23.8
135°	11.9	14.9	15.8	17.8	18.8	19.8	19.8	20.8	20.8	20.8	20.8
137.5°	9.9	11.9	13.9	15.8	16.8	16.8	17.8	17.8	18.8	18.8	18.8
140°	7.9	8.9	11.9	12.9	13.9	14.9	15.8	15.8	15.8	15.8	15.8
142.5°	5.9	7.9	8.9	10.9	11.9	12.9	13.9	13.9	13.9	13.9	13.9
145°	5.0	5.9	6.9	8.9	9.9	10.9	11.9	11.9	11.9	11.9	11.9
147.5°	4.0	5.0	5.9	6.9	7.9	8.9	9.9	9.9	9.9	9.9	9.9
150°	3.0	4.0	5.0	5.0	5.9	6.9	7.9	8.9	8.9	8.9	8.9
152.5°	3.0	3.0	4.0	4.0	5.0	5.9	6.9	6.9	6.9	6.9	6.9
155°	2.0	3.0	3.0	3.0	4.0	4.0	5.0	5.9	5.9	5.9	5.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1917.3	1921.3	1919.3	1916.3	1915.3	1920.3	1915.3	1892.5	1901.4	1902.4	1909.4
5°	1914.3	1917.3	1915.3	1913.3	1910.4	1916.3	1910.4	1886.6	1895.5	1896.5	1903.4
7.5°	1934.1	1935.1	1935.1	1930.2	1922.2	1925.2	1917.3	1890.6	1895.5	1895.5	1900.5
10°	1983.6	1985.6	1988.6	1975.7	1965.8	1957.9	1947.0	1914.3	1913.3	1905.4	1905.4
12.5°	2048.0	2043.1	2038.1	2032.2	2024.2	2014.3	1998.5	1959.9	1947.0	1934.1	1921.3
15°	2066.8	2064.8	2063.9	2060.9	2055.9	2053.0	2041.1	2002.5	1983.6	1967.8	1945.0
17.5°	2017.3	2021.3	2034.1	2035.1	2041.1	2053.0	2051.0	2024.2	2007.4	2000.5	1972.7
20°	1928.2	1929.2	1945.0	1952.0	1977.7	1997.5	2012.4	2009.4	2005.4	2013.4	1992.6
22.5°	1821.2	1828.2	1845.0	1855.9	1880.6	1903.4	1927.2	1940.1	1960.9	1993.5	1989.6
25°	1675.6	1684.6	1708.3	1726.2	1760.8	1795.5	1827.2	1849.9	1874.7	1937.1	1957.9
27.5°	1501.3	1515.2	1545.9	1563.7	1612.3	1647.9	1693.5	1738.0	1772.7	1844.0	1886.6
30°	1318.1	1330.0	1362.7	1387.5	1429.1	1477.6	1535.0	1598.4	1655.8	1728.1	1781.6
32.5°	1146.8	1159.7	1186.4	1208.2	1254.8	1295.4	1358.7	1437.0	1490.5	1590.5	1661.8
35°	997.3	1009.2	1028.0	1046.8	1085.4	1127.0	1181.5	1257.7	1326.1	1430.0	1520.2
37.5°	892.3	894.3	905.2	916.1	944.8	976.5	1019.1	1086.4	1149.8	1261.7	1360.7
40°	817.0	817.0	823.0	825.9	838.8	857.6	884.4	936.9	989.3	1074.5	1195.3
42.5°	770.5	768.5	768.5	769.5	768.5	777.4	793.3	818.0	864.6	934.9	1029.0
45°	735.8	731.9	728.9	722.0	718.0	718.0	719.0	727.9	754.6	800.2	876.4
47.5°	697.2	696.2	691.3	683.3	676.4	671.4	663.5	660.6	668.5	694.2	745.7
50°	652.6	647.7	642.7	636.8	628.9	623.9	609.1	610.0	603.1	615.0	641.7
52.5°	587.3	583.3	581.3	576.4	573.4	571.4	559.5	547.7	544.7	546.7	556.6
55°	515.0	517.0	509.0	513.0	512.0	503.1	498.1	489.2	486.3	485.3	490.2
57.5°	439.7	441.7	436.7	440.7	440.7	435.7	432.8	432.8	425.8	419.9	426.8
60°	371.4	367.4	370.4	375.3	375.3	372.4	370.4	370.4	365.4	363.5	368.4
62.5°	315.9	312.0	314.9	319.9	320.9	318.9	316.9	316.9	311.0	311.0	314.9
65°	273.3	274.3	273.3	277.3	277.3	278.3	276.3	274.3	267.4	270.4	269.4
67.5°	242.6	241.6	241.6	245.6	244.6	246.6	244.6	241.6	236.7	232.7	231.7
70°	216.9	215.9	215.9	217.9	218.9	218.9	217.9	215.9	209.0	205.0	202.0
72.5°	194.1	193.1	194.1	195.1	196.1	197.1	196.1	194.1	188.2	183.2	178.3
75°	173.3	172.3	175.3	175.3	176.3	176.3	177.3	176.3	171.3	165.4	159.4
77.5°	152.5	153.5	156.5	157.5	159.4	160.4	161.4	161.4	156.5	151.5	143.6
80°	135.7	137.7	139.6	140.6	142.6	145.6	146.6	147.6	143.6	138.6	129.7
82.5°	123.8	124.8	126.8	127.8	130.7	131.7	132.7	134.7	132.7	127.8	117.8
85°	113.9	114.9	116.9	116.9	118.8	120.8	121.8	122.8	121.8	116.9	107.0
87.5°	105.0	106.0	107.0	107.9	108.9	109.9	110.9	111.9	110.9	106.0	97.1
90°	97.1	97.1	98.0	98.0	99.0	100.0	102.0	102.0	101.0	97.1	88.1
92.5°	88.1	89.1	89.1	90.1	91.1	92.1	93.1	93.1	92.1	88.1	80.2
95°	82.2	82.2	83.2	83.2	84.2	84.2	85.2	85.2	84.2	80.2	72.3
97.5°	75.3	75.3	75.3	75.3	76.3	76.3	77.2	77.2	76.3	72.3	65.4
100°	69.3	69.3	69.3	69.3	69.3	70.3	70.3	70.3	69.3	65.4	58.4
102.5°	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	62.4	59.4	52.5
105°	61.4	61.4	61.4	60.4	60.4	60.4	59.4	59.4	56.4	53.5	47.5
107.5°	57.4	57.4	57.4	56.4	56.4	55.5	54.5	54.5	51.5	48.5	42.6
110°	54.5	54.5	54.5	53.5	52.5	51.5	50.5	49.5	46.5	42.6	37.6





TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	51.5	51.5	50.5	50.5	49.5	48.5	46.5	45.6	42.6	38.6	33.7
115°	47.5	47.5	47.5	46.5	45.6	44.6	43.6	41.6	38.6	34.7	29.7
117.5°	43.6	43.6	43.6	42.6	41.6	40.6	39.6	37.6	34.7	30.7	26.7
120°	39.6	39.6	39.6	38.6	37.6	36.6	35.7	33.7	30.7	27.7	22.8
122.5°	36.6	36.6	35.7	34.7	33.7	32.7	31.7	29.7	27.7	23.8	19.8
125°	32.7	32.7	31.7	31.7	30.7	29.7	28.7	26.7	23.8	20.8	17.8
127.5°	29.7	28.7	28.7	28.7	27.7	26.7	24.8	23.8	20.8	17.8	14.9
130°	25.7	25.7	25.7	24.8	24.8	23.8	21.8	19.8	17.8	15.8	12.9
132.5°	22.8	22.8	22.8	22.8	21.8	20.8	18.8	17.8	15.8	12.9	10.9
135°	20.8	20.8	19.8	19.8	18.8	17.8	16.8	14.9	12.9	10.9	8.9
137.5°	17.8	17.8	17.8	16.8	16.8	15.8	13.9	12.9	11.9	9.9	7.9
140°	15.8	15.8	14.9	14.9	13.9	13.9	12.9	10.9	9.9	7.9	6.9
142.5°	13.9	13.9	12.9	12.9	11.9	11.9	10.9	9.9	7.9	6.9	5.0
145°	11.9	11.9	10.9	10.9	10.9	9.9	8.9	7.9	6.9	5.9	5.0
147.5°	9.9	9.9	9.9	8.9	8.9	7.9	7.9	6.9	5.9	5.0	4.0
150°	8.9	8.9	7.9	7.9	7.9	6.9	5.9	5.9	5.0	4.0	3.0
152.5°	6.9	6.9	6.9	6.9	5.9	5.9	5.0	5.0	4.0	3.0	3.0
155°	5.9	5.9	5.9	5.0	5.0	5.0	4.0	4.0	3.0	3.0	2.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1906.4	1905.4	1914.3	1913.3	1901.4	1919.3	1931.2
5°	1901.4	1900.5	1908.4	1910.4	1897.5	1916.3	1929.2
7.5°	1897.5	1896.5	1905.4	1908.4	1895.5	1912.3	1926.2
10°	1898.5	1893.5	1901.4	1903.4	1891.5	1909.4	1921.3
12.5°	1905.4	1893.5	1896.5	1896.5	1885.6	1901.4	1914.3
15°	1922.2	1897.5	1893.5	1890.6	1876.7	1891.5	1904.4
17.5°	1941.1	1907.4	1893.5	1883.6	1866.8	1879.7	1893.5
20°	1959.9	1918.3	1895.5	1879.7	1856.9	1868.8	1878.7
22.5°	1968.8	1928.2	1897.5	1873.7	1845.0	1850.9	1861.8
25°	1956.9	1924.2	1893.5	1864.8	1830.1	1831.1	1840.0
27.5°	1913.3	1904.4	1884.6	1855.9	1818.3	1813.3	1820.2
30°	1839.1	1863.8	1864.8	1844.0	1804.4	1794.5	1797.5
32.5°	1735.1	1790.5	1823.2	1819.2	1784.6	1770.7	1772.7
35°	1615.2	1684.6	1755.9	1779.6	1754.9	1744.0	1740.0
37.5°	1471.6	1564.7	1659.8	1718.2	1714.3	1707.3	1703.4
40°	1313.2	1425.1	1538.0	1631.1	1659.8	1659.8	1661.8
42.5°	1143.8	1274.6	1398.4	1516.2	1583.5	1598.4	1604.3
45°	980.4	1112.1	1246.8	1382.5	1472.6	1519.2	1536.0
47.5°	831.9	964.6	1092.3	1240.9	1360.7	1421.1	1447.9
50°	705.1	804.2	938.8	1086.4	1217.1	1291.4	1343.9
52.5°	600.1	677.4	795.2	932.9	1064.6	1166.6	1215.1
55°	512.0	564.5	664.5	783.4	909.1	1015.1	1071.5
57.5°	437.7	479.3	547.7	646.7	752.7	857.6	918.0
60°	372.4	401.1	447.6	525.9	616.0	706.1	764.5
62.5°	315.9	334.7	365.4	422.9	493.2	563.5	618.0
65°	272.3	280.3	297.1	332.8	386.2	439.7	486.3
67.5°	229.8	234.7	247.6	269.4	296.1	334.7	365.4
70°	198.1	198.1	199.1	211.9	225.8	250.6	272.3
72.5°	172.3	169.3	163.4	166.4	169.3	183.2	197.1
75°	151.5	144.6	134.7	130.7	128.7	130.7	138.6
77.5°	133.7	123.8	111.9	102.0	94.1	91.1	98.0
80°	118.8	107.0	93.1	80.2	67.3	60.4	63.4
82.5°	107.0	92.1	77.2	62.4	47.5	37.6	37.6
85°	94.1	80.2	64.4	48.5	33.7	20.8	18.8
87.5°	85.2	70.3	53.5	38.6	23.8	10.9	5.9
90°	76.3	61.4	45.6	30.7	16.8	5.0	0.0
92.5°	68.3	54.5	39.6	24.8	11.9	3.0	0.0
95°	61.4	48.5	33.7	20.8	9.9	2.0	1.0
97.5°	54.5	42.6	29.7	16.8	6.9	2.0	1.0
100°	49.5	37.6	25.7	13.9	5.9	1.0	1.0
102.5°	43.6	33.7	21.8	11.9	5.0	1.0	1.0
105°	38.6	29.7	18.8	9.9	4.0	1.0	1.0
107.5°	34.7	25.7	16.8	8.9	4.0	1.0	1.0
110°	30.7	22.8	14.9	7.9	3.0	1.0	1.0



TEST NUMBER: P290222

CATALOG NUMBER: 8SSRK-LC-50-L940-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	27.7	19.8	12.9	6.9	2.0	1.0	1.0
115°	23.8	17.8	10.9	5.9	2.0	1.0	1.0
117.5°	20.8	14.9	9.9	5.0	2.0	1.0	1.0
120°	17.8	12.9	7.9	4.0	1.0	1.0	1.0
122.5°	15.8	10.9	6.9	4.0	1.0	1.0	1.0
125°	13.9	9.9	5.9	3.0	1.0	1.0	1.0
127.5°	11.9	7.9	5.0	2.0	1.0	1.0	1.0
130°	9.9	6.9	4.0	2.0	1.0	1.0	1.0
132.5°	7.9	5.9	4.0	2.0	1.0	1.0	1.0
135°	6.9	5.0	3.0	2.0	1.0	1.0	1.0
137.5°	5.9	4.0	2.0	2.0	2.0	1.0	1.0
140°	5.0	3.0	2.0	2.0	2.0	2.0	1.0
142.5°	4.0	3.0	2.0	2.0	2.0	2.0	1.0
145°	3.0	2.0	2.0	2.0	2.0	2.0	1.0
147.5°	3.0	2.0	2.0	2.0	2.0	2.0	1.0
150°	2.0	2.0	2.0	2.0	2.0	2.0	2.0
152.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0
155°	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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)