

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: P290228

Luminaire Tested: **8SSRK-LC-60-L930-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290228
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-60-L930-CD1-U
Description: 6000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5054.9 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 8' x H: 0.17')
CIE Type: Direct

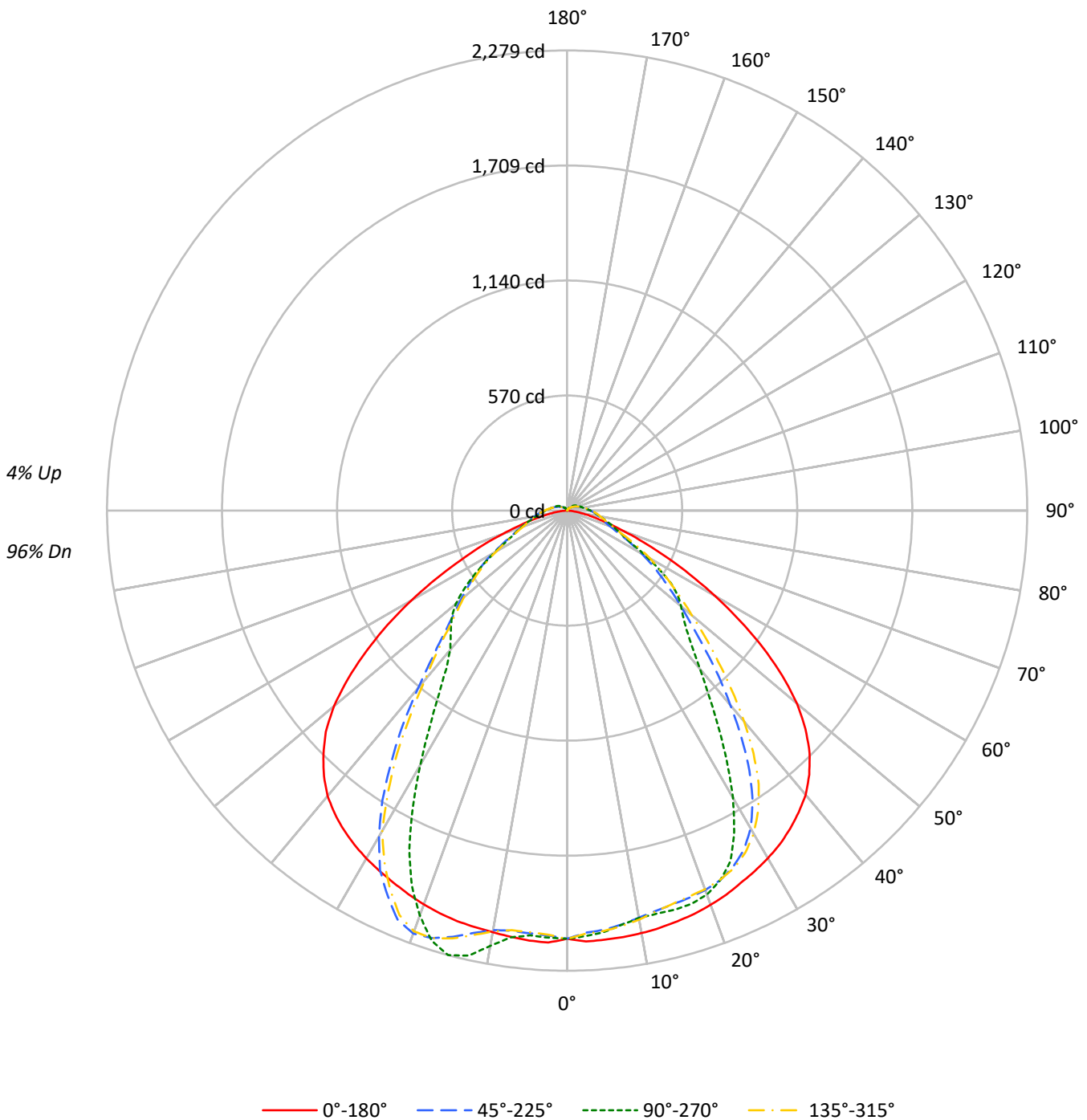
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	68471	68471	68471	68471
5°	69031	50310	69174	50703
10°	69416	39402	69273	42077
15°	70017	33031	69981	36777
20°	70861	28321	70785	29853
25°	71809	23807	71770	23004
30°	73242	18498	73282	16388
35°	74766	13517	74980	11439
40°	76139	9888	76458	8712
45°	75991	7633	76385	7433
50°	72853	6411	73872	6268
55°	64786	5254	66404	4776
60°	52703	3658	55502	3355
65°	39335	2534	42378	2403
70°	26898	1966	30318	1880
75°	17747	1578	20664	1493
80°	11658	1290	13654	1186
85°	6224	1103	8199	1007



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.4	4.0
10°-20°	599.3	11.9
20°-30°	911.1	18.0
30°-40°	977.3	19.3
40°-50°	848.2	16.8
50°-60°	628.6	12.4
60°-70°	360.2	7.1
70°-80°	199.5	3.9
80°-90°	121.5	2.4
90°-100°	79.0	1.6
100°-110°	52.9	1.0
110°-120°	35.7	0.7
120°-130°	21.9	0.4
130°-140°	11.5	0.2
140°-150°	5.3	0.1
150°-160°	1.5	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1711.7	33.9
0°-40°	2689.1	53.2
0°-60°	4165.9	82.4
0°-90°	4847.0	95.9
90°-120°	167.6	3.3
90°-150°	206.3	4.1
90°-180°	208.0	4.1
0°-180°	5054.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2120	2120	2120	2120	2120	
5°	2134	2095	2138	2112	2134	203
15°	2106	2047	2105	2279	2106	596
25°	2035	1914	2034	1850	2035	941
35°	1924	1303	1930	1103	1924	1205
45°	1699	836	1708	814	1699	1301
55°	1185	626	1215	570	1185	1051
65°	538	318	579	301	538	542
75°	153	202	178	191	153	175
85°	21	139	27	127	21	27
90°	0	116	2	107	0	1
95°	1	95	0	91	1	1
105°	1	71	1	68	1	1
115°	1	58	1	53	1	1
125°	1	44	1	36	1	1
135°	1	27	1	23	1	1
145°	1	16	2	13	1	1
155°	2	8	2	7	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°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2135.7	2130.2	2128.0	2123.7	2127.0	2140.1	2131.3	2117.1	2118.2	2093.0	2106.1
5°	2133.5	2127.0	2123.7	2119.3	2121.5	2133.5	2124.8	2110.5	2109.4	2084.2	2096.3
7.5°	2130.2	2123.7	2118.2	2114.9	2116.0	2125.9	2114.9	2098.5	2095.2	2067.8	2078.8
10°	2124.8	2120.4	2112.7	2107.2	2106.1	2117.1	2099.6	2083.1	2075.5	2047.0	2058.0
12.5°	2117.1	2110.5	2102.9	2093.0	2091.9	2098.5	2084.2	2061.2	2053.6	2030.6	2042.6
15°	2106.1	2098.5	2089.7	2078.8	2073.3	2077.7	2060.1	2039.3	2038.2	2018.5	2035.0
17.5°	2094.1	2083.1	2073.3	2058.0	2050.3	2053.6	2039.3	2020.7	2022.9	2010.9	2029.5
20°	2077.7	2065.6	2050.3	2035.0	2024.0	2029.5	2019.6	2005.4	2008.7	1999.9	2016.3
22.5°	2059.0	2042.6	2024.0	2006.5	1997.7	2005.4	1997.7	1985.7	1986.8	1981.3	1991.1
25°	2035.0	2016.3	1994.4	1972.5	1968.1	1973.6	1969.2	1959.4	1955.0	1946.2	1950.6
27.5°	2013.0	1992.2	1964.9	1941.9	1934.2	1945.1	1935.3	1918.9	1906.8	1894.8	1886.0
30°	1987.9	1962.7	1932.0	1905.7	1899.1	1903.5	1889.3	1864.1	1832.3	1817.0	1792.9
32.5°	1960.5	1927.6	1889.3	1859.7	1855.3	1852.0	1825.8	1789.6	1740.3	1709.7	1672.4
35°	1924.3	1888.2	1842.2	1806.0	1799.5	1780.9	1738.1	1690.0	1626.4	1573.9	1510.3
37.5°	1883.8	1841.1	1792.9	1744.7	1726.1	1688.9	1628.6	1578.2	1481.9	1418.3	1341.7
40°	1837.8	1786.3	1727.2	1669.1	1638.5	1578.2	1509.2	1434.8	1341.7	1256.2	1191.6
42.5°	1774.3	1719.5	1649.4	1584.8	1532.2	1452.3	1371.2	1266.1	1180.7	1108.4	1042.7
45°	1698.7	1633.0	1552.0	1474.2	1407.4	1312.1	1216.8	1111.7	1040.5	956.1	911.2
47.5°	1601.2	1530.0	1443.5	1357.0	1269.4	1164.2	1064.6	963.8	892.6	832.4	799.5
50°	1486.2	1420.5	1325.2	1222.3	1125.9	1016.4	916.7	841.1	772.1	734.9	709.7
52.5°	1343.9	1282.5	1185.0	1073.3	980.2	872.9	782.0	720.7	671.4	644.0	635.2
55°	1185.0	1131.4	1035.0	931.0	835.7	737.1	668.1	614.4	582.7	566.2	567.3
57.5°	1015.3	973.7	882.8	789.7	699.9	625.4	563.0	520.2	496.1	495.0	498.3
60°	845.5	814.9	736.0	656.0	577.2	517.0	471.0	441.4	426.0	427.1	426.0
62.5°	683.4	655.0	598.0	532.3	469.9	429.3	387.7	375.7	362.5	361.4	361.4
65°	537.8	515.9	469.9	422.8	375.7	349.4	328.6	314.3	304.5	302.3	303.4
67.5°	404.1	395.4	363.6	331.9	302.3	285.9	268.3	265.0	257.4	257.4	259.6
70°	301.2	294.6	277.1	258.5	246.4	235.5	226.7	226.7	225.6	224.5	230.0
72.5°	218.0	219.0	213.6	199.3	198.2	196.0	193.9	197.1	198.2	201.5	208.1
75°	153.3	156.6	156.6	154.4	158.8	164.3	167.6	173.0	179.6	184.0	191.7
77.5°	108.4	108.4	113.9	120.5	129.2	139.1	147.9	155.5	164.3	169.8	176.3
80°	70.1	73.4	82.1	94.2	106.2	119.4	131.4	141.3	150.0	158.8	163.2
82.5°	41.6	47.1	58.0	73.4	88.7	105.1	117.2	129.2	139.1	147.9	151.1
85°	20.8	28.5	41.6	58.0	74.5	92.0	107.3	118.3	129.2	136.9	141.3
87.5°	6.6	15.3	29.6	44.9	62.4	80.0	96.4	108.4	118.3	124.9	129.2
90°	0.0	7.7	20.8	37.2	53.7	71.2	86.5	99.7	109.5	115.0	118.3
92.5°	0.0	4.4	16.4	30.7	46.0	63.5	78.9	90.9	99.7	105.1	107.3
95°	1.1	3.3	12.0	25.2	40.5	57.0	71.2	82.1	90.9	96.4	97.5
97.5°	1.1	2.2	9.9	20.8	35.0	50.4	64.6	75.6	82.1	87.6	88.7
100°	1.1	2.2	7.7	18.6	30.7	44.9	58.0	67.9	75.6	80.0	81.0
102.5°	1.1	1.1	6.6	15.3	27.4	39.4	51.5	61.3	67.9	72.3	74.5
105°	1.1	1.1	5.5	13.1	24.1	35.0	46.0	55.9	61.3	65.7	67.9
107.5°	1.1	1.1	4.4	11.0	20.8	30.7	41.6	49.3	55.9	60.2	62.4
110°	1.1	1.1	3.3	9.9	17.5	27.4	36.1	43.8	50.4	54.8	57.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.1	1.1	3.3	8.8	15.3	24.1	31.8	39.4	44.9	49.3	52.6
115°	1.1	1.1	3.3	7.7	14.2	20.8	28.5	35.0	40.5	44.9	48.2
117.5°	1.1	1.1	3.3	6.6	12.0	18.6	25.2	31.8	36.1	40.5	43.8
120°	1.1	1.1	2.2	5.5	11.0	16.4	21.9	27.4	32.9	37.2	40.5
122.5°	1.1	1.1	2.2	5.5	8.8	14.2	19.7	24.1	29.6	32.9	36.1
125°	1.1	1.1	2.2	4.4	7.7	13.1	17.5	21.9	25.2	29.6	32.9
127.5°	1.1	1.1	2.2	4.4	6.6	11.0	15.3	19.7	23.0	26.3	28.5
130°	1.1	1.1	2.2	3.3	5.5	8.8	13.1	16.4	20.8	23.0	25.2
132.5°	1.1	1.1	1.1	3.3	4.4	6.6	9.9	14.2	17.5	20.8	21.9
135°	1.1	1.1	1.1	2.2	4.4	5.5	7.7	11.0	14.2	17.5	19.7
137.5°	1.1	1.1	1.1	2.2	3.3	5.5	6.6	8.8	12.0	14.2	17.5
140°	1.1	1.1	1.1	2.2	3.3	4.4	5.5	7.7	9.9	12.0	14.2
142.5°	1.1	1.1	1.1	2.2	2.2	3.3	4.4	6.6	7.7	9.9	12.0
145°	1.1	1.1	1.1	2.2	2.2	3.3	4.4	5.5	6.6	7.7	9.9
147.5°	1.1	1.1	1.1	2.2	2.2	2.2	3.3	4.4	5.5	6.6	7.7
150°	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	4.4	5.5	6.6
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	4.4	5.5
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	4.4	4.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2101.8	2104.0	2117.1	2116.0	2113.8	2111.6	2111.6	2109.4	2111.6	2117.1	2114.9
5°	2090.8	2094.1	2104.0	2102.9	2100.7	2099.6	2098.5	2095.2	2097.4	2105.0	2102.9
7.5°	2071.1	2074.4	2083.1	2078.8	2075.5	2077.7	2072.2	2068.9	2073.3	2081.0	2079.9
10°	2050.3	2052.5	2063.4	2061.2	2055.8	2056.9	2051.4	2049.2	2054.7	2059.0	2060.1
12.5°	2036.0	2043.7	2053.6	2052.5	2051.4	2052.5	2047.0	2044.8	2048.1	2052.5	2051.4
15°	2032.8	2042.6	2053.6	2053.6	2054.7	2055.8	2050.3	2047.0	2050.3	2053.6	2052.5
17.5°	2029.5	2041.5	2051.4	2050.3	2051.4	2053.6	2044.8	2042.6	2047.0	2051.4	2049.2
20°	2018.5	2029.5	2036.0	2033.9	2033.9	2035.0	2024.0	2024.0	2030.6	2033.9	2035.0
22.5°	1987.9	2001.0	2001.0	1995.5	1995.5	1991.1	1987.9	1981.3	1989.0	1994.4	1998.8
25°	1941.9	1947.3	1940.8	1928.7	1922.1	1916.7	1901.3	1914.5	1914.5	1930.9	1936.4
27.5°	1877.2	1865.2	1846.6	1821.4	1815.9	1798.4	1788.5	1791.8	1797.3	1820.3	1837.8
30°	1771.0	1734.9	1703.1	1692.1	1668.0	1650.5	1633.0	1641.8	1651.6	1664.8	1700.9
32.5°	1630.8	1595.8	1544.3	1525.7	1500.5	1478.6	1457.8	1470.9	1488.4	1497.2	1536.6
35°	1469.8	1428.2	1381.1	1349.3	1323.0	1311.0	1284.7	1303.3	1322.0	1328.5	1362.5
37.5°	1299.0	1256.2	1214.6	1187.2	1162.0	1154.4	1136.9	1150.0	1164.2	1174.1	1202.6
40°	1136.9	1097.4	1065.7	1047.0	1029.5	1023.0	1016.4	1021.9	1032.8	1040.5	1062.4
42.5°	997.8	966.0	944.1	933.1	921.1	912.3	913.4	915.6	921.1	937.5	947.4
45°	876.2	857.6	843.3	841.1	833.5	832.4	831.3	835.7	839.0	848.8	856.5
47.5°	778.7	771.0	767.8	772.1	775.4	771.0	773.2	778.7	785.3	785.3	784.2
50°	702.0	704.2	708.6	718.5	725.0	727.2	729.4	736.0	737.1	739.3	736.0
52.5°	639.6	641.8	653.9	669.2	676.9	680.1	684.5	691.1	691.1	693.3	688.9
55°	576.1	579.4	591.4	606.8	613.3	617.7	622.1	626.5	629.8	634.1	630.9
57.5°	506.0	515.9	523.5	527.9	532.3	535.6	538.9	540.0	546.5	547.6	553.1
60°	431.5	433.7	441.4	440.3	437.0	445.8	441.4	449.0	456.7	466.6	467.7
62.5°	360.3	361.4	366.9	364.7	369.1	368.0	371.3	371.3	376.8	381.1	386.6
65°	304.5	305.6	310.0	310.0	308.9	312.1	315.4	317.6	317.6	320.9	325.3
67.5°	262.9	266.1	270.5	272.7	274.9	274.9	278.2	279.3	281.5	282.6	284.8
70°	234.4	238.8	243.1	245.3	246.4	248.6	249.7	249.7	251.9	253.0	255.2
72.5°	213.6	218.0	221.2	221.2	223.4	224.5	224.5	225.6	226.7	228.9	231.1
75°	196.0	199.3	201.5	200.4	200.4	200.4	201.5	201.5	203.7	205.9	208.1
77.5°	179.6	182.9	182.9	180.7	180.7	180.7	180.7	181.8	182.9	185.1	187.3
80°	167.6	167.6	166.5	166.5	164.3	163.2	163.2	164.3	164.3	166.5	169.8
82.5°	154.4	154.4	153.3	152.2	151.1	150.0	150.0	151.1	152.2	153.3	155.5
85°	142.4	142.4	140.2	140.2	139.1	139.1	139.1	139.1	140.2	141.3	143.5
87.5°	130.3	129.2	128.1	127.0	127.0	127.0	127.0	127.0	128.1	130.3	131.4
90°	118.3	117.2	116.1	116.1	115.0	115.0	116.1	116.1	117.2	118.3	119.4
92.5°	107.3	106.2	105.1	105.1	104.0	104.0	105.1	104.0	106.2	106.2	107.3
95°	97.5	96.4	95.3	95.3	95.3	95.3	95.3	95.3	96.4	96.4	97.5
97.5°	88.7	87.6	86.5	86.5	87.6	86.5	87.6	87.6	87.6	88.7	89.8
100°	81.0	80.0	80.0	81.0	80.0	80.0	81.0	81.0	81.0	81.0	82.1
102.5°	74.5	74.5	74.5	74.5	74.5	74.5	75.6	75.6	75.6	75.6	76.7
105°	67.9	69.0	69.0	69.0	70.1	70.1	70.1	71.2	71.2	71.2	71.2
107.5°	63.5	64.6	64.6	65.7	65.7	66.8	66.8	66.8	66.8	67.9	67.9
110°	59.1	60.2	61.3	62.4	62.4	63.5	63.5	63.5	63.5	63.5	63.5



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	54.8	55.9	57.0	59.1	60.2	60.2	60.2	60.2	61.3	61.3	60.2
115°	50.4	52.6	53.7	55.9	57.0	57.0	58.0	58.0	58.0	58.0	57.0
117.5°	46.0	49.3	50.4	52.6	53.7	53.7	54.8	54.8	54.8	54.8	53.7
120°	42.7	44.9	47.1	48.2	49.3	50.4	50.4	51.5	51.5	51.5	50.4
122.5°	39.4	41.6	43.8	44.9	46.0	47.1	47.1	47.1	47.1	47.1	47.1
125°	35.0	37.2	39.4	40.5	41.6	42.7	42.7	43.8	43.8	43.8	42.7
127.5°	31.8	34.0	35.0	37.2	38.3	38.3	39.4	39.4	39.4	39.4	38.3
130°	27.4	29.6	31.8	32.9	34.0	34.0	35.0	35.0	35.0	35.0	35.0
132.5°	24.1	26.3	27.4	29.6	29.6	30.7	30.7	31.8	31.8	31.8	30.7
135°	21.9	23.0	24.1	26.3	26.3	27.4	27.4	27.4	27.4	27.4	27.4
137.5°	19.7	20.8	21.9	23.0	23.0	24.1	24.1	24.1	24.1	25.2	24.1
140°	16.4	18.6	19.7	19.7	20.8	20.8	20.8	21.9	21.9	21.9	20.8
142.5°	14.2	15.3	16.4	17.5	18.6	18.6	18.6	18.6	19.7	18.6	18.6
145°	11.0	13.1	14.2	15.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4
147.5°	8.8	9.9	12.0	13.1	13.1	14.2	14.2	14.2	14.2	14.2	14.2
150°	7.7	7.7	9.9	11.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
152.5°	5.5	6.6	7.7	8.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9
155°	5.5	5.5	6.6	6.6	7.7	7.7	7.7	7.7	8.8	7.7	7.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2111.6	2110.5	2114.9	2110.5	2088.6	2097.4	2094.1	2106.1	2107.2	2110.5	2121.5
5°	2100.7	2100.7	2106.1	2101.8	2081.0	2089.7	2088.6	2100.7	2102.9	2105.0	2117.1
7.5°	2078.8	2079.9	2087.5	2084.2	2062.3	2075.5	2074.4	2088.6	2093.0	2097.4	2108.3
10°	2058.0	2056.9	2065.6	2062.3	2041.5	2056.9	2055.8	2070.0	2076.6	2084.2	2097.4
12.5°	2047.0	2043.7	2047.0	2043.7	2020.7	2032.8	2033.9	2050.3	2058.0	2067.8	2083.1
15°	2047.0	2041.5	2041.5	2035.0	2008.7	2016.3	2017.4	2028.4	2038.2	2048.1	2066.7
17.5°	2044.8	2039.3	2038.2	2032.8	2004.3	2004.3	2003.2	2010.9	2016.3	2026.2	2045.9
20°	2032.8	2030.6	2029.5	2026.2	1999.9	1995.5	1993.3	1993.3	1996.6	1999.9	2019.6
22.5°	2001.0	2003.2	2005.4	2007.6	1986.8	1979.1	1980.2	1978.0	1974.7	1974.7	1991.1
25°	1941.9	1952.8	1961.6	1971.4	1959.4	1953.9	1960.5	1957.2	1951.7	1947.3	1961.6
27.5°	1847.7	1870.7	1889.3	1913.4	1914.5	1910.1	1927.6	1925.4	1924.3	1917.8	1928.7
30°	1717.3	1753.5	1778.7	1813.7	1843.3	1847.7	1877.2	1881.6	1886.0	1882.7	1893.7
32.5°	1559.6	1608.9	1651.6	1706.4	1734.9	1760.0	1801.7	1819.2	1836.7	1842.2	1854.2
35°	1387.7	1443.5	1493.9	1554.1	1599.0	1653.8	1704.2	1730.5	1769.9	1785.2	1802.8
37.5°	1224.5	1277.0	1326.3	1386.6	1458.9	1515.8	1578.2	1637.4	1691.0	1713.0	1739.2
40°	1079.9	1122.6	1169.7	1222.3	1288.0	1362.5	1430.4	1512.5	1576.0	1619.9	1658.2
42.5°	970.4	991.2	1031.7	1078.8	1131.4	1207.0	1276.0	1368.0	1444.6	1507.0	1570.6
45°	872.9	882.8	912.3	937.5	991.2	1058.0	1131.4	1221.2	1301.1	1381.1	1457.8
47.5°	789.7	801.7	816.0	831.3	869.6	925.5	989.0	1070.0	1150.0	1243.1	1330.7
50°	733.8	737.1	739.3	745.9	768.9	807.2	858.7	927.7	1004.3	1104.0	1197.1
52.5°	684.5	684.5	678.0	674.7	683.4	707.5	737.1	786.4	865.2	957.2	1055.8
55°	632.0	622.1	619.9	609.0	611.1	622.1	636.3	674.7	739.3	818.1	913.4
57.5°	558.6	554.2	554.2	549.8	541.0	546.5	549.8	577.2	623.2	691.1	774.3
60°	474.2	472.0	477.5	478.6	471.0	474.2	473.1	489.6	522.4	577.2	646.2
62.5°	389.9	399.8	400.9	405.2	400.9	399.8	405.2	419.5	435.9	477.5	531.2
65°	327.5	333.0	334.0	339.5	337.3	337.3	341.7	352.7	362.5	391.0	432.6
67.5°	287.0	284.8	285.9	289.1	285.9	284.8	288.0	294.6	302.3	319.8	349.4
70°	255.2	253.0	253.0	253.0	248.6	245.3	246.4	248.6	251.9	261.8	280.4
72.5°	231.1	231.1	227.8	224.5	221.2	219.0	216.9	214.7	213.6	216.9	226.7
75°	209.2	210.3	209.2	205.9	201.5	197.1	192.8	188.4	182.9	180.7	181.8
77.5°	189.5	190.6	191.7	190.6	186.2	180.7	174.1	167.6	159.9	152.2	147.9
80°	172.0	174.1	175.2	174.1	170.9	166.5	158.8	151.1	140.2	130.3	119.4
82.5°	156.6	159.9	161.0	161.0	158.8	154.4	145.7	136.9	124.9	111.7	97.5
85°	144.6	146.8	149.0	149.0	147.9	143.5	134.7	124.9	112.8	97.5	82.1
87.5°	132.5	133.6	135.8	138.0	135.8	131.4	123.8	112.8	100.8	85.4	67.9
90°	120.5	121.6	123.8	126.0	124.9	120.5	113.9	104.0	90.9	74.5	57.0
92.5°	108.4	110.6	111.7	112.8	113.9	110.6	105.1	95.3	82.1	65.7	49.3
95°	99.7	99.7	101.9	103.0	104.0	100.8	96.4	86.5	74.5	59.1	42.7
97.5°	90.9	90.9	93.1	93.1	94.2	92.0	87.6	78.9	66.8	52.6	36.1
100°	82.1	83.2	84.3	85.4	85.4	84.3	80.0	71.2	60.2	47.1	31.8
102.5°	76.7	76.7	77.8	77.8	78.9	76.7	72.3	64.6	53.7	41.6	27.4
105°	71.2	71.2	72.3	72.3	71.2	69.0	64.6	58.0	48.2	36.1	24.1
107.5°	66.8	66.8	66.8	66.8	65.7	63.5	59.1	51.5	42.7	32.9	21.9
110°	63.5	62.4	62.4	61.3	60.2	57.0	52.6	46.0	38.3	28.5	18.6



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	60.2	59.1	58.0	57.0	54.8	51.5	47.1	41.6	34.0	25.2	16.4
115°	57.0	55.9	54.8	52.6	50.4	47.1	42.7	37.2	29.6	21.9	14.2
117.5°	53.7	52.6	50.4	48.2	46.0	42.7	38.3	32.9	26.3	19.7	13.1
120°	49.3	48.2	47.1	44.9	42.7	38.3	34.0	29.6	23.0	17.5	11.0
122.5°	46.0	44.9	42.7	41.6	38.3	35.0	30.7	26.3	20.8	15.3	9.9
125°	41.6	40.5	39.4	37.2	35.0	30.7	27.4	23.0	18.6	13.1	7.7
127.5°	38.3	37.2	35.0	32.9	30.7	27.4	24.1	20.8	16.4	11.0	7.7
130°	34.0	32.9	31.8	29.6	27.4	24.1	21.9	17.5	14.2	9.9	6.6
132.5°	29.6	29.6	28.5	26.3	24.1	21.9	18.6	15.3	12.0	8.8	5.5
135°	27.4	26.3	25.2	23.0	21.9	18.6	16.4	13.1	9.9	7.7	4.4
137.5°	24.1	23.0	21.9	20.8	18.6	16.4	14.2	11.0	8.8	6.6	4.4
140°	20.8	19.7	19.7	17.5	16.4	14.2	12.0	9.9	7.7	5.5	3.3
142.5°	18.6	17.5	16.4	15.3	14.2	12.0	9.9	7.7	6.6	4.4	3.3
145°	16.4	15.3	14.2	13.1	12.0	9.9	8.8	6.6	5.5	4.4	3.3
147.5°	13.1	13.1	12.0	11.0	9.9	8.8	7.7	6.6	4.4	3.3	2.2
150°	11.0	11.0	9.9	8.8	8.8	7.7	6.6	5.5	4.4	3.3	2.2
152.5°	9.9	8.8	8.8	7.7	7.7	6.6	5.5	4.4	3.3	3.3	2.2
155°	7.7	7.7	7.7	6.6	6.6	5.5	4.4	4.4	3.3	2.2	2.2
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



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2123.7	2110.5	2121.5	2141.2	2139.0	2136.8	2134.6	2139.0	2153.2	2145.6	2133.5
5°	2120.4	2107.2	2119.3	2137.9	2136.8	2133.5	2131.3	2135.7	2150.0	2142.3	2129.1
7.5°	2113.8	2101.8	2110.5	2129.1	2129.1	2127.0	2124.8	2129.1	2142.3	2135.7	2122.6
10°	2102.9	2094.1	2102.9	2120.4	2121.5	2117.1	2114.9	2120.4	2133.5	2130.2	2119.3
12.5°	2094.1	2085.3	2095.2	2112.7	2113.8	2109.4	2106.1	2112.7	2130.2	2132.4	2129.1
15°	2082.0	2074.4	2086.4	2105.0	2105.0	2101.8	2101.8	2110.5	2134.6	2144.5	2150.0
17.5°	2064.5	2059.0	2073.3	2091.9	2093.0	2090.8	2091.9	2109.4	2141.2	2165.3	2180.6
20°	2042.6	2040.4	2055.8	2075.5	2078.8	2079.9	2085.3	2111.6	2155.4	2188.3	2203.6
22.5°	2016.3	2017.4	2035.0	2055.8	2060.1	2063.4	2074.4	2111.6	2166.4	2201.4	2208.0
25°	1986.8	1990.0	2008.7	2033.9	2039.3	2045.9	2064.5	2112.7	2169.7	2192.7	2181.7
27.5°	1955.0	1961.6	1985.7	2012.0	2018.5	2029.5	2053.6	2106.1	2154.3	2155.4	2114.9
30°	1922.1	1929.8	1958.3	1989.0	1999.9	2010.9	2040.4	2090.8	2117.1	2082.0	2010.9
32.5°	1884.9	1895.9	1924.3	1961.6	1974.7	1989.0	2018.5	2061.2	2051.4	1975.8	1874.0
35°	1837.8	1853.1	1886.0	1929.8	1941.9	1960.5	1981.3	1991.1	1947.3	1840.0	1725.0
37.5°	1779.8	1802.8	1841.1	1891.5	1904.6	1916.7	1922.1	1894.8	1807.1	1691.0	1571.7
40°	1713.0	1748.0	1789.6	1845.5	1858.6	1858.6	1838.9	1780.9	1670.2	1518.0	1385.5
42.5°	1631.9	1674.6	1727.2	1783.0	1796.2	1780.9	1733.8	1631.9	1506.0	1336.2	1196.0
45°	1533.3	1590.3	1649.4	1707.5	1714.0	1680.1	1595.8	1466.5	1311.0	1153.3	1019.7
47.5°	1416.1	1490.6	1555.2	1621.0	1612.2	1555.2	1442.4	1295.7	1131.4	982.4	875.1
50°	1284.7	1372.3	1444.6	1507.0	1488.4	1409.6	1277.0	1123.7	960.5	833.5	744.8
52.5°	1144.5	1245.3	1317.6	1368.0	1342.8	1248.6	1102.9	956.1	822.5	706.4	647.3
55°	998.9	1100.7	1175.2	1214.6	1181.8	1079.9	936.4	802.8	676.9	601.3	566.2
57.5°	857.6	952.9	1023.0	1054.7	1013.1	911.2	778.7	665.9	575.0	511.5	494.0
60°	721.8	799.5	866.3	890.4	845.5	751.3	637.4	547.6	480.8	437.0	428.2
62.5°	595.8	659.3	711.9	730.5	686.7	613.3	514.8	448.0	400.9	379.0	368.0
65°	491.8	529.0	582.7	579.4	553.1	485.2	412.9	365.8	335.1	320.9	314.3
67.5°	386.6	420.6	454.5	458.9	426.0	379.0	331.9	297.9	281.5	273.8	270.5
70°	299.0	324.2	345.0	339.5	322.0	292.4	262.9	244.2	237.7	234.4	234.4
72.5°	232.2	245.3	255.2	248.6	237.7	222.3	208.1	200.4	201.5	203.7	205.9
75°	179.6	182.9	185.1	178.5	176.3	166.5	165.4	166.5	173.0	179.6	182.9
77.5°	138.0	133.6	130.3	123.8	124.9	123.8	129.2	138.0	147.9	157.7	166.5
80°	106.2	96.4	88.7	82.1	85.4	90.9	101.9	115.0	128.1	139.1	150.0
82.5°	82.1	67.9	57.0	50.4	57.0	65.7	80.0	96.4	111.7	123.8	135.8
85°	63.5	47.1	34.0	27.4	34.0	47.1	62.4	81.0	97.5	110.6	122.7
87.5°	49.3	34.0	18.6	11.0	18.6	32.9	50.4	67.9	84.3	99.7	111.7
90°	39.4	23.0	8.8	2.2	9.9	23.0	39.4	57.0	73.4	89.8	101.9
92.5°	31.8	16.4	4.4	0.0	5.5	17.5	32.9	49.3	65.7	81.0	93.1
95°	26.3	13.1	3.3	0.0	4.4	13.1	26.3	42.7	58.0	73.4	83.2
97.5°	21.9	9.9	2.2	0.0	2.2	11.0	21.9	36.1	51.5	65.7	75.6
100°	18.6	8.8	2.2	0.0	2.2	8.8	18.6	31.8	44.9	58.0	67.9
102.5°	15.3	6.6	1.1	1.1	1.1	6.6	16.4	27.4	39.4	51.5	61.3
105°	14.2	5.5	1.1	1.1	1.1	5.5	14.2	24.1	35.0	46.0	54.8
107.5°	12.0	4.4	1.1	1.1	1.1	4.4	12.0	20.8	31.8	41.6	49.3
110°	9.9	4.4	1.1	1.1	1.1	4.4	9.9	18.6	27.4	36.1	43.8



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	8.8	3.3	1.1	1.1	1.1	3.3	8.8	16.4	24.1	32.9	39.4
115°	7.7	3.3	1.1	1.1	1.1	3.3	7.7	14.2	20.8	28.5	35.0
117.5°	6.6	3.3	1.1	1.1	1.1	2.2	6.6	12.0	18.6	25.2	31.8
120°	5.5	2.2	1.1	1.1	1.1	2.2	5.5	11.0	16.4	21.9	27.4
122.5°	5.5	2.2	1.1	1.1	1.1	2.2	4.4	8.8	14.2	18.6	24.1
125°	4.4	2.2	1.1	1.1	1.1	1.1	4.4	7.7	12.0	16.4	20.8
127.5°	4.4	2.2	1.1	1.1	1.1	1.1	3.3	6.6	9.9	14.2	18.6
130°	3.3	2.2	1.1	1.1	1.1	1.1	2.2	5.5	8.8	12.0	15.3
132.5°	3.3	2.2	1.1	1.1	1.1	1.1	2.2	4.4	6.6	9.9	13.1
135°	3.3	1.1	1.1	1.1	1.1	1.1	1.1	3.3	5.5	7.7	9.9
137.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	2.2	4.4	5.5	8.8
140°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.3	4.4	6.6
142.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.3	5.5
145°	2.2	1.1	1.1	2.2	2.2	1.1	1.1	2.2	2.2	3.3	4.4
147.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	2.2	3.3
150°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2131.3	2106.1	2119.3	2114.9	2119.3	2130.2	2129.1	2125.9	2128.0	2122.6	2117.1
5°	2127.0	2101.8	2114.9	2109.4	2114.9	2125.9	2123.7	2120.4	2123.7	2117.1	2111.6
7.5°	2121.5	2098.5	2113.8	2112.7	2122.6	2136.8	2137.9	2137.9	2145.6	2135.7	2131.3
10°	2121.5	2109.4	2130.2	2137.9	2163.1	2181.7	2183.9	2188.3	2201.4	2199.2	2188.3
12.5°	2144.5	2142.3	2173.0	2191.6	2214.6	2240.9	2255.1	2259.5	2268.2	2261.7	2257.3
15°	2174.0	2185.0	2219.0	2239.8	2265.0	2284.7	2288.0	2290.1	2296.7	2286.9	2279.2
17.5°	2213.5	2220.0	2247.4	2256.2	2272.6	2275.9	2271.5	2260.6	2260.6	2238.7	2232.1
20°	2232.1	2228.8	2239.8	2225.5	2219.0	2199.2	2180.6	2159.8	2158.7	2135.7	2133.5
22.5°	2215.7	2193.8	2170.8	2135.7	2120.4	2091.9	2066.7	2054.7	2047.0	2017.4	2009.8
25°	2157.6	2104.0	2070.0	2028.4	1991.1	1958.3	1934.2	1909.0	1884.9	1860.8	1849.9
27.5°	2056.9	2006.5	1951.7	1893.7	1842.2	1791.8	1751.3	1726.1	1703.1	1671.3	1654.9
30°	1933.1	1863.0	1802.8	1746.9	1662.6	1601.2	1567.3	1516.9	1499.4	1485.1	1454.5
32.5°	1787.4	1703.1	1621.0	1545.4	1458.9	1401.9	1357.0	1319.8	1308.8	1271.6	1262.8
35°	1626.4	1515.8	1422.7	1348.2	1285.8	1216.8	1179.6	1154.4	1132.5	1107.3	1102.9
37.5°	1437.0	1337.3	1232.1	1166.4	1117.1	1058.0	1029.5	1012.0	1002.1	983.5	980.2
40°	1246.4	1146.7	1074.4	1008.7	978.0	946.3	925.5	917.8	913.4	906.9	900.3
42.5°	1073.3	985.7	934.2	890.4	877.3	862.0	856.5	860.9	856.5	854.3	853.2
45°	926.6	859.8	823.6	810.5	807.2	802.8	807.2	814.9	816.0	813.8	813.8
47.5°	793.0	761.2	745.9	748.0	753.5	756.8	764.5	774.3	776.5	771.0	773.2
50°	705.3	686.7	683.4	692.2	704.2	708.6	717.4	725.0	724.0	721.8	719.6
52.5°	623.2	617.7	626.5	635.2	648.4	650.6	653.9	657.1	656.0	651.7	649.5
55°	554.2	558.6	566.2	569.5	579.4	578.3	579.4	579.4	575.0	572.8	569.5
57.5°	491.8	492.9	497.2	498.3	503.8	501.6	500.5	498.3	491.8	490.7	487.4
60°	428.2	426.0	435.9	428.2	432.6	428.2	427.1	421.7	415.1	414.0	411.8
62.5°	368.0	363.6	370.2	366.9	369.1	364.7	362.5	356.0	350.5	349.4	348.3
65°	314.3	312.1	318.7	317.6	319.8	314.3	312.1	307.8	303.4	302.3	301.2
67.5°	269.4	274.9	278.2	278.2	280.4	279.3	273.8	272.7	271.6	267.2	267.2
70°	236.6	239.9	246.4	247.5	246.4	248.6	244.2	243.1	242.0	239.9	238.8
72.5°	210.3	214.7	221.2	222.3	221.2	221.2	219.0	218.0	218.0	214.7	214.7
75°	189.5	195.0	200.4	200.4	200.4	198.2	196.0	196.0	193.9	192.8	190.6
77.5°	172.0	178.5	182.9	181.8	180.7	178.5	178.5	175.2	172.0	172.0	169.8
80°	158.8	163.2	166.5	165.4	164.3	161.0	159.9	156.6	154.4	151.1	151.1
82.5°	144.6	150.0	152.2	151.1	149.0	145.7	144.6	142.4	140.2	139.1	136.9
85°	132.5	138.0	139.1	136.9	134.7	132.5	131.4	130.3	129.2	127.0	127.0
87.5°	120.5	126.0	126.0	124.9	122.7	121.6	120.5	119.4	118.3	117.2	116.1
90°	110.6	115.0	115.0	113.9	112.8	111.7	110.6	109.5	108.4	107.3	107.3
92.5°	100.8	105.1	105.1	104.0	103.0	101.9	101.9	100.8	99.7	98.6	97.5
95°	92.0	96.4	96.4	96.4	95.3	94.2	94.2	93.1	92.0	92.0	90.9
97.5°	83.2	87.6	87.6	87.6	86.5	85.4	85.4	84.3	84.3	84.3	83.2
100°	75.6	78.9	80.0	80.0	78.9	78.9	78.9	77.8	77.8	77.8	76.7
102.5°	67.9	71.2	73.4	73.4	73.4	72.3	72.3	72.3	72.3	72.3	71.2
105°	61.3	64.6	66.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
107.5°	55.9	59.1	61.3	62.4	63.5	63.5	64.6	64.6	64.6	64.6	64.6
110°	50.4	53.7	57.0	58.0	59.1	60.2	60.2	61.3	60.2	60.2	60.2



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	44.9	49.3	51.5	53.7	54.8	55.9	57.0	57.0	57.0	57.0	57.0
115°	40.5	44.9	47.1	49.3	51.5	52.6	52.6	53.7	53.7	53.7	52.6
117.5°	36.1	40.5	42.7	44.9	46.0	48.2	49.3	49.3	49.3	49.3	48.2
120°	32.9	36.1	38.3	40.5	42.7	43.8	44.9	44.9	44.9	44.9	44.9
122.5°	28.5	31.8	35.0	37.2	38.3	39.4	40.5	40.5	40.5	40.5	40.5
125°	25.2	28.5	30.7	32.9	34.0	36.1	36.1	36.1	36.1	36.1	36.1
127.5°	21.9	25.2	27.4	29.6	30.7	31.8	32.9	32.9	32.9	32.9	32.9
130°	18.6	21.9	24.1	26.3	27.4	28.5	28.5	29.6	29.6	29.6	29.6
132.5°	16.4	18.6	20.8	23.0	24.1	25.2	25.2	26.3	26.3	26.3	26.3
135°	13.1	16.4	17.5	19.7	20.8	21.9	21.9	23.0	23.0	23.0	23.0
137.5°	11.0	13.1	15.3	17.5	18.6	18.6	19.7	19.7	20.8	20.8	20.8
140°	8.8	9.9	13.1	14.2	15.3	16.4	17.5	17.5	17.5	17.5	17.5
142.5°	6.6	8.8	9.9	12.0	13.1	14.2	15.3	15.3	15.3	15.3	15.3
145°	5.5	6.6	7.7	9.9	11.0	12.0	13.1	13.1	13.1	13.1	13.1
147.5°	4.4	5.5	6.6	7.7	8.8	9.9	11.0	11.0	11.0	11.0	11.0
150°	3.3	4.4	5.5	5.5	6.6	7.7	8.8	9.9	9.9	9.9	9.9
152.5°	3.3	3.3	4.4	4.4	5.5	6.6	7.7	7.7	7.7	7.7	7.7
155°	2.2	3.3	3.3	3.3	4.4	4.4	5.5	6.6	6.6	6.6	6.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2120.4	2124.8	2122.6	2119.3	2118.2	2123.7	2118.2	2093.0	2102.9	2104.0	2111.6
5°	2117.1	2120.4	2118.2	2116.0	2112.7	2119.3	2112.7	2086.4	2096.3	2097.4	2105.0
7.5°	2139.0	2140.1	2140.1	2134.6	2125.9	2129.1	2120.4	2090.8	2096.3	2096.3	2101.8
10°	2193.8	2196.0	2199.2	2185.0	2174.0	2165.3	2153.2	2117.1	2116.0	2107.2	2107.2
12.5°	2265.0	2259.5	2254.0	2247.4	2238.7	2227.7	2210.2	2167.5	2153.2	2139.0	2124.8
15°	2285.8	2283.6	2282.5	2279.2	2273.7	2270.4	2257.3	2214.6	2193.8	2176.2	2151.0
17.5°	2231.0	2235.4	2249.6	2250.7	2257.3	2270.4	2268.2	2238.7	2220.0	2212.4	2181.7
20°	2132.4	2133.5	2151.0	2158.7	2187.2	2209.1	2225.5	2222.2	2217.9	2226.6	2203.6
22.5°	2014.1	2021.8	2040.4	2052.5	2079.9	2105.0	2131.3	2145.6	2168.6	2204.7	2200.3
25°	1853.1	1863.0	1889.3	1909.0	1947.3	1985.7	2020.7	2045.9	2073.3	2142.3	2165.3
27.5°	1660.4	1675.7	1709.7	1729.4	1783.0	1822.5	1872.9	1922.1	1960.5	2039.3	2086.4
30°	1457.8	1470.9	1507.0	1534.4	1580.4	1634.1	1697.6	1767.7	1831.2	1911.2	1970.3
32.5°	1268.3	1282.5	1312.1	1336.2	1387.7	1432.6	1502.7	1589.2	1648.3	1759.0	1837.8
35°	1102.9	1116.0	1136.9	1157.7	1200.4	1246.4	1306.6	1391.0	1466.5	1581.5	1681.2
37.5°	986.8	989.0	1001.0	1013.1	1044.9	1079.9	1127.0	1201.5	1271.6	1395.3	1504.9
40°	903.6	903.6	910.1	913.4	927.7	948.5	978.0	1036.1	1094.1	1188.3	1322.0
42.5°	852.1	849.9	849.9	851.0	849.9	859.8	877.3	904.7	956.1	1033.9	1138.0
45°	813.8	809.4	806.1	798.4	794.0	794.0	795.1	805.0	834.6	885.0	969.3
47.5°	771.0	770.0	764.5	755.7	748.0	742.6	733.8	730.5	739.3	767.8	824.7
50°	721.8	716.3	710.8	704.2	695.5	690.0	673.6	674.7	667.0	680.1	709.7
52.5°	649.5	645.1	642.9	637.4	634.1	632.0	618.8	605.7	602.4	604.6	615.5
55°	569.5	571.7	563.0	567.3	566.2	556.4	550.9	541.0	537.8	536.7	542.1
57.5°	486.3	488.5	483.0	487.4	487.4	481.9	478.6	478.6	471.0	464.4	472.0
60°	410.7	406.3	409.6	415.1	415.1	411.8	409.6	409.6	404.1	402.0	407.4
62.5°	349.4	345.0	348.3	353.8	354.9	352.7	350.5	350.5	343.9	343.9	348.3
65°	302.3	303.4	302.3	306.7	306.7	307.8	305.6	303.4	295.7	299.0	297.9
67.5°	268.3	267.2	267.2	271.6	270.5	272.7	270.5	267.2	261.8	257.4	256.3
70°	239.9	238.8	238.8	241.0	242.0	242.0	241.0	238.8	231.1	226.7	223.4
72.5°	214.7	213.6	214.7	215.8	216.9	218.0	216.9	214.7	208.1	202.6	197.1
75°	191.7	190.6	193.9	193.9	195.0	195.0	196.0	195.0	189.5	182.9	176.3
77.5°	168.7	169.8	173.0	174.1	176.3	177.4	178.5	178.5	173.0	167.6	158.8
80°	150.0	152.2	154.4	155.5	157.7	161.0	162.1	163.2	158.8	153.3	143.5
82.5°	136.9	138.0	140.2	141.3	144.6	145.7	146.8	149.0	146.8	141.3	130.3
85°	126.0	127.0	129.2	129.2	131.4	133.6	134.7	135.8	134.7	129.2	118.3
87.5°	116.1	117.2	118.3	119.4	120.5	121.6	122.7	123.8	122.7	117.2	107.3
90°	107.3	107.3	108.4	108.4	109.5	110.6	112.8	112.8	111.7	107.3	97.5
92.5°	97.5	98.6	98.6	99.7	100.8	101.9	103.0	103.0	101.9	97.5	88.7
95°	90.9	90.9	92.0	92.0	93.1	93.1	94.2	94.2	93.1	88.7	80.0
97.5°	83.2	83.2	83.2	83.2	84.3	84.3	85.4	85.4	84.3	80.0	72.3
100°	76.7	76.7	76.7	76.7	76.7	77.8	77.8	77.8	76.7	72.3	64.6
102.5°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	69.0	65.7	58.0
105°	67.9	67.9	67.9	66.8	66.8	66.8	65.7	65.7	62.4	59.1	52.6
107.5°	63.5	63.5	63.5	62.4	62.4	61.3	60.2	60.2	57.0	53.7	47.1
110°	60.2	60.2	60.2	59.1	58.0	57.0	55.9	54.8	51.5	47.1	41.6



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	57.0	57.0	55.9	55.9	54.8	53.7	51.5	50.4	47.1	42.7	37.2
115°	52.6	52.6	52.6	51.5	50.4	49.3	48.2	46.0	42.7	38.3	32.9
117.5°	48.2	48.2	48.2	47.1	46.0	44.9	43.8	41.6	38.3	34.0	29.6
120°	43.8	43.8	43.8	42.7	41.6	40.5	39.4	37.2	34.0	30.7	25.2
122.5°	40.5	40.5	39.4	38.3	37.2	36.1	35.0	32.9	30.7	26.3	21.9
125°	36.1	36.1	35.0	35.0	34.0	32.9	31.8	29.6	26.3	23.0	19.7
127.5°	32.9	31.8	31.8	31.8	30.7	29.6	27.4	26.3	23.0	19.7	16.4
130°	28.5	28.5	28.5	27.4	27.4	26.3	24.1	21.9	19.7	17.5	14.2
132.5°	25.2	25.2	25.2	25.2	24.1	23.0	20.8	19.7	17.5	14.2	12.0
135°	23.0	23.0	21.9	21.9	20.8	19.7	18.6	16.4	14.2	12.0	9.9
137.5°	19.7	19.7	19.7	18.6	18.6	17.5	15.3	14.2	13.1	11.0	8.8
140°	17.5	17.5	16.4	16.4	15.3	15.3	14.2	12.0	11.0	8.8	7.7
142.5°	15.3	15.3	14.2	14.2	13.1	13.1	12.0	11.0	8.8	7.7	5.5
145°	13.1	13.1	12.0	12.0	12.0	11.0	9.9	8.8	7.7	6.6	5.5
147.5°	11.0	11.0	11.0	9.9	9.9	8.8	8.8	7.7	6.6	5.5	4.4
150°	9.9	9.9	8.8	8.8	8.8	7.7	6.6	6.6	5.5	4.4	3.3
152.5°	7.7	7.7	7.7	7.7	6.6	6.6	5.5	5.5	4.4	3.3	3.3
155°	6.6	6.6	6.6	5.5	5.5	5.5	4.4	4.4	3.3	3.3	2.2
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



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4	2120.4
2.5°	2108.3	2107.2	2117.1	2116.0	2102.9	2122.6	2135.7
5°	2102.9	2101.8	2110.5	2112.7	2098.5	2119.3	2133.5
7.5°	2098.5	2097.4	2107.2	2110.5	2096.3	2114.9	2130.2
10°	2099.6	2094.1	2102.9	2105.0	2091.9	2111.6	2124.8
12.5°	2107.2	2094.1	2097.4	2097.4	2085.3	2102.9	2117.1
15°	2125.9	2098.5	2094.1	2090.8	2075.5	2091.9	2106.1
17.5°	2146.7	2109.4	2094.1	2083.1	2064.5	2078.8	2094.1
20°	2167.5	2121.5	2096.3	2078.8	2053.6	2066.7	2077.7
22.5°	2177.3	2132.4	2098.5	2072.2	2040.4	2047.0	2059.0
25°	2164.2	2128.0	2094.1	2062.3	2024.0	2025.1	2035.0
27.5°	2116.0	2106.1	2084.2	2052.5	2010.9	2005.4	2013.0
30°	2033.9	2061.2	2062.3	2039.3	1995.5	1984.6	1987.9
32.5°	1918.9	1980.2	2016.3	2012.0	1973.6	1958.3	1960.5
35°	1786.3	1863.0	1941.9	1968.1	1940.8	1928.7	1924.3
37.5°	1627.5	1730.5	1835.6	1900.2	1895.9	1888.2	1883.8
40°	1452.3	1576.0	1700.9	1803.9	1835.6	1835.6	1837.8
42.5°	1265.0	1409.6	1546.5	1676.8	1751.3	1767.7	1774.3
45°	1084.3	1230.0	1378.9	1529.0	1628.6	1680.1	1698.7
47.5°	920.0	1066.8	1208.0	1372.3	1504.9	1571.7	1601.2
50°	779.8	889.3	1038.3	1201.5	1346.0	1428.2	1486.2
52.5°	663.7	749.1	879.5	1031.7	1177.4	1290.2	1343.9
55°	566.2	624.3	734.9	866.3	1005.4	1122.6	1185.0
57.5°	484.1	530.1	605.7	715.2	832.4	948.5	1015.3
60°	411.8	443.6	495.0	581.6	681.2	780.9	845.5
62.5°	349.4	370.2	404.1	467.7	545.4	623.2	683.4
65°	301.2	310.0	328.6	368.0	427.1	486.3	537.8
67.5°	254.1	259.6	273.8	297.9	327.5	370.2	404.1
70°	219.0	219.0	220.1	234.4	249.7	277.1	301.2
72.5°	190.6	187.3	180.7	184.0	187.3	202.6	218.0
75°	167.6	159.9	149.0	144.6	142.4	144.6	153.3
77.5°	147.9	136.9	123.8	112.8	104.0	100.8	108.4
80°	131.4	118.3	103.0	88.7	74.5	66.8	70.1
82.5°	118.3	101.9	85.4	69.0	52.6	41.6	41.6
85°	104.0	88.7	71.2	53.7	37.2	23.0	20.8
87.5°	94.2	77.8	59.1	42.7	26.3	12.0	6.6
90°	84.3	67.9	50.4	34.0	18.6	5.5	0.0
92.5°	75.6	60.2	43.8	27.4	13.1	3.3	0.0
95°	67.9	53.7	37.2	23.0	11.0	2.2	1.1
97.5°	60.2	47.1	32.9	18.6	7.7	2.2	1.1
100°	54.8	41.6	28.5	15.3	6.6	1.1	1.1
102.5°	48.2	37.2	24.1	13.1	5.5	1.1	1.1
105°	42.7	32.9	20.8	11.0	4.4	1.1	1.1
107.5°	38.3	28.5	18.6	9.9	4.4	1.1	1.1
110°	34.0	25.2	16.4	8.8	3.3	1.1	1.1



TEST NUMBER: P290228

CATALOG NUMBER: 8SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	30.7	21.9	14.2	7.7	2.2	1.1	1.1
115°	26.3	19.7	12.0	6.6	2.2	1.1	1.1
117.5°	23.0	16.4	11.0	5.5	2.2	1.1	1.1
120°	19.7	14.2	8.8	4.4	1.1	1.1	1.1
122.5°	17.5	12.0	7.7	4.4	1.1	1.1	1.1
125°	15.3	11.0	6.6	3.3	1.1	1.1	1.1
127.5°	13.1	8.8	5.5	2.2	1.1	1.1	1.1
130°	11.0	7.7	4.4	2.2	1.1	1.1	1.1
132.5°	8.8	6.6	4.4	2.2	1.1	1.1	1.1
135°	7.7	5.5	3.3	2.2	1.1	1.1	1.1
137.5°	6.6	4.4	2.2	2.2	2.2	1.1	1.1
140°	5.5	3.3	2.2	2.2	2.2	2.2	1.1
142.5°	4.4	3.3	2.2	2.2	2.2	2.2	1.1
145°	3.3	2.2	2.2	2.2	2.2	2.2	1.1
147.5°	3.3	2.2	2.2	2.2	2.2	2.2	1.1
150°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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)