

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: P290229

Luminaire Tested: **8SSRK-LC-60-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: P290229
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-L935-CD1-U
Description: 6000 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: 5365.6 lumens
Efficiency: N/A
Efficacy: 129.7 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

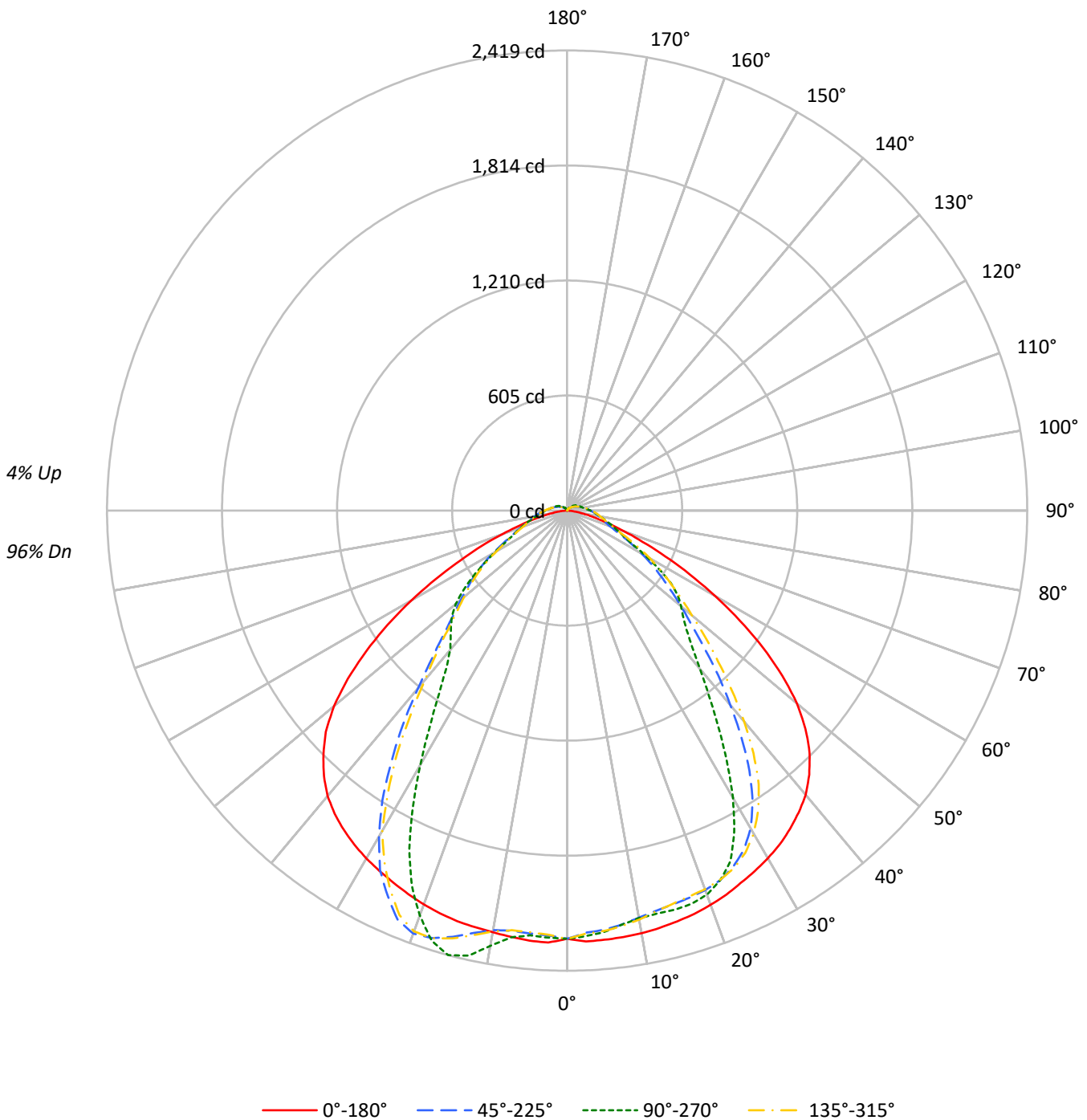
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-60-L935-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	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°	72678	72678	72678	72678
5°	73276	53402	73425	53820
10°	73683	41825	73530	44663
15°	74323	35061	74286	39038
20°	75216	30062	75137	31689
25°	76223	25271	76181	24418
30°	77744	19635	77785	17395
35°	79363	14349	79588	12142
40°	80820	10496	81156	9247
45°	80662	8101	81078	7889
50°	77333	6805	78417	6654
55°	68772	5577	70488	5070
60°	55944	3883	58918	3561
65°	41749	2689	44981	2550
70°	28550	2088	32185	1995
75°	18846	1675	21937	1585
80°	12373	1369	14502	1259
85°	6613	1171	8708	1070



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.8	4.0
10°-20°	636.1	11.9
20°-30°	967.1	18.0
30°-40°	1037.4	19.3
40°-50°	900.4	16.8
50°-60°	667.3	12.4
60°-70°	382.3	7.1
70°-80°	211.7	3.9
80°-90°	128.9	2.4
90°-100°	83.8	1.6
100°-110°	56.2	1.0
110°-120°	37.9	0.7
120°-130°	23.3	0.4
130°-140°	12.2	0.2
140°-150°	5.6	0.1
150°-160°	1.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1817.0	33.9
0°-40°	2854.4	53.2
0°-60°	4422.0	82.4
0°-90°	5145.0	95.9
90°-120°	177.9	3.3
90°-150°	219.0	4.1
90°-180°	221.0	4.1
0°-180°	5365.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2251	2251	2251	2251	2251	
5°	2265	2224	2269	2241	2265	216
15°	2236	2173	2234	2419	2236	633
25°	2160	2032	2159	1964	2160	999
35°	2043	1384	2048	1171	2043	1279
45°	1803	887	1812	864	1803	1380
55°	1258	665	1289	604	1258	1115
65°	571	337	615	320	571	575
75°	163	214	190	202	163	186
85°	22	148	29	135	22	29
90°	0	123	2	114	0	1
95°	1	101	0	96	1	1
105°	1	76	1	72	1	1
115°	1	62	1	56	1	1
125°	1	46	1	38	1	1
135°	1	29	1	24	1	1
145°	1	17	2	14	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2267.0	2261.2	2258.9	2254.2	2257.7	2271.7	2262.4	2247.2	2248.4	2221.7	2235.6
5°	2264.7	2257.7	2254.2	2249.6	2251.9	2264.7	2255.4	2240.3	2239.1	2212.4	2225.2
7.5°	2261.2	2254.2	2248.4	2244.9	2246.1	2256.5	2244.9	2227.5	2224.0	2194.9	2206.6
10°	2255.4	2250.7	2242.6	2236.8	2235.6	2247.2	2228.6	2211.2	2203.1	2172.8	2184.5
12.5°	2247.2	2240.3	2232.1	2221.7	2220.5	2227.5	2212.4	2188.0	2179.8	2155.4	2168.2
15°	2235.6	2227.5	2218.2	2206.6	2200.7	2205.4	2186.8	2164.7	2163.5	2142.6	2160.1
17.5°	2222.8	2211.2	2200.7	2184.5	2176.3	2179.8	2164.7	2144.9	2147.3	2134.5	2154.2
20°	2205.4	2192.6	2176.3	2160.1	2148.4	2154.2	2143.8	2128.7	2132.2	2122.9	2140.3
22.5°	2185.6	2168.2	2148.4	2129.8	2120.5	2128.7	2120.5	2107.7	2108.9	2103.1	2113.6
25°	2160.1	2140.3	2117.0	2093.8	2089.1	2095.0	2090.3	2079.8	2075.2	2065.9	2070.5
27.5°	2136.8	2114.7	2085.7	2061.2	2053.1	2064.7	2054.3	2036.8	2024.0	2011.2	2001.9
30°	2110.1	2083.3	2050.8	2022.9	2015.9	2020.5	2005.4	1978.7	1945.0	1928.7	1903.1
32.5°	2081.0	2046.1	2005.4	1974.0	1969.4	1965.9	1938.0	1899.6	1847.3	1814.8	1775.2
35°	2042.6	2004.3	1955.4	1917.1	1910.1	1890.3	1845.0	1793.8	1726.4	1670.6	1603.2
37.5°	1999.6	1954.3	1903.1	1852.0	1832.2	1792.7	1728.7	1675.3	1573.0	1505.5	1424.1
40°	1950.8	1896.2	1833.4	1771.8	1739.2	1675.3	1602.0	1523.0	1424.1	1333.5	1264.9
42.5°	1883.4	1825.2	1750.8	1682.2	1626.4	1541.6	1455.5	1343.9	1253.3	1176.5	1106.8
45°	1803.1	1733.4	1647.4	1564.8	1493.9	1392.8	1291.6	1180.0	1104.4	1014.9	967.3
47.5°	1699.7	1624.1	1532.3	1440.4	1347.4	1235.8	1130.0	1023.1	947.5	883.6	848.7
50°	1577.6	1507.9	1406.7	1297.4	1195.1	1078.9	973.1	892.9	819.6	780.1	753.3
52.5°	1426.5	1361.4	1257.9	1139.3	1040.5	926.6	830.1	765.0	712.7	683.6	674.3
55°	1257.9	1200.9	1098.6	988.2	887.0	782.4	709.2	652.2	618.5	601.0	602.2
57.5°	1077.7	1033.5	937.0	838.2	742.9	663.8	597.6	552.2	526.6	525.5	529.0
60°	897.5	865.0	781.2	696.4	612.7	548.7	499.9	468.5	452.2	453.4	452.2
62.5°	725.4	695.2	634.8	565.0	498.7	455.7	411.5	398.8	384.8	383.6	383.6
65°	570.8	547.6	498.7	448.8	398.8	370.9	348.8	333.7	323.2	320.9	322.0
67.5°	429.0	419.7	386.0	352.3	320.9	303.4	284.8	281.3	273.2	273.2	275.5
70°	319.7	312.7	294.1	274.4	261.6	250.0	240.7	240.7	239.5	238.3	244.1
72.5°	231.4	232.5	226.7	211.6	210.4	208.1	205.8	209.3	210.4	213.9	220.9
75°	162.8	166.2	166.2	163.9	168.6	174.4	177.9	183.7	190.7	195.3	203.4
77.5°	115.1	115.1	120.9	127.9	137.2	147.6	156.9	165.1	174.4	180.2	187.2
80°	74.4	77.9	87.2	100.0	112.8	126.7	139.5	150.0	159.3	168.6	173.2
82.5°	44.2	50.0	61.6	77.9	94.2	111.6	124.4	137.2	147.6	156.9	160.4
85°	22.1	30.2	44.2	61.6	79.1	97.7	113.9	125.6	137.2	145.3	150.0
87.5°	7.0	16.3	31.4	47.7	66.3	84.9	102.3	115.1	125.6	132.5	137.2
90°	0.0	8.1	22.1	39.5	57.0	75.6	91.8	105.8	116.3	122.1	125.6
92.5°	0.0	4.7	17.4	32.6	48.8	67.4	83.7	96.5	105.8	111.6	113.9
95°	1.2	3.5	12.8	26.7	43.0	60.5	75.6	87.2	96.5	102.3	103.5
97.5°	1.2	2.3	10.5	22.1	37.2	53.5	68.6	80.2	87.2	93.0	94.2
100°	1.2	2.3	8.1	19.8	32.6	47.7	61.6	72.1	80.2	84.9	86.0
102.5°	1.2	1.2	7.0	16.3	29.1	41.9	54.6	65.1	72.1	76.7	79.1
105°	1.2	1.2	5.8	14.0	25.6	37.2	48.8	59.3	65.1	69.8	72.1
107.5°	1.2	1.2	4.7	11.6	22.1	32.6	44.2	52.3	59.3	63.9	66.3
110°	1.2	1.2	3.5	10.5	18.6	29.1	38.4	46.5	53.5	58.1	60.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.2	1.2	3.5	9.3	16.3	25.6	33.7	41.9	47.7	52.3	55.8
115°	1.2	1.2	3.5	8.1	15.1	22.1	30.2	37.2	43.0	47.7	51.2
117.5°	1.2	1.2	3.5	7.0	12.8	19.8	26.7	33.7	38.4	43.0	46.5
120°	1.2	1.2	2.3	5.8	11.6	17.4	23.3	29.1	34.9	39.5	43.0
122.5°	1.2	1.2	2.3	5.8	9.3	15.1	20.9	25.6	31.4	34.9	38.4
125°	1.2	1.2	2.3	4.7	8.1	14.0	18.6	23.3	26.7	31.4	34.9
127.5°	1.2	1.2	2.3	4.7	7.0	11.6	16.3	20.9	24.4	27.9	30.2
130°	1.2	1.2	2.3	3.5	5.8	9.3	14.0	17.4	22.1	24.4	26.7
132.5°	1.2	1.2	1.2	3.5	4.7	7.0	10.5	15.1	18.6	22.1	23.3
135°	1.2	1.2	1.2	2.3	4.7	5.8	8.1	11.6	15.1	18.6	20.9
137.5°	1.2	1.2	1.2	2.3	3.5	5.8	7.0	9.3	12.8	15.1	18.6
140°	1.2	1.2	1.2	2.3	3.5	4.7	5.8	8.1	10.5	12.8	15.1
142.5°	1.2	1.2	1.2	2.3	2.3	3.5	4.7	7.0	8.1	10.5	12.8
145°	1.2	1.2	1.2	2.3	2.3	3.5	4.7	5.8	7.0	8.1	10.5
147.5°	1.2	1.2	1.2	2.3	2.3	2.3	3.5	4.7	5.8	7.0	8.1
150°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.7	5.8	7.0
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	3.5	4.7	5.8
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.7	4.7
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2231.0	2233.3	2247.2	2246.1	2243.8	2241.4	2241.4	2239.1	2241.4	2247.2	2244.9
5°	2219.3	2222.8	2233.3	2232.1	2229.8	2228.6	2227.5	2224.0	2226.3	2234.5	2232.1
7.5°	2198.4	2201.9	2211.2	2206.6	2203.1	2205.4	2199.6	2196.1	2200.7	2208.9	2207.7
10°	2176.3	2178.7	2190.3	2188.0	2182.1	2183.3	2177.5	2175.2	2181.0	2185.6	2186.8
12.5°	2161.2	2169.4	2179.8	2178.7	2177.5	2178.7	2172.8	2170.5	2174.0	2178.7	2177.5
15°	2157.7	2168.2	2179.8	2179.8	2181.0	2182.1	2176.3	2172.8	2176.3	2179.8	2178.7
17.5°	2154.2	2167.0	2177.5	2176.3	2177.5	2179.8	2170.5	2168.2	2172.8	2177.5	2175.2
20°	2142.6	2154.2	2161.2	2158.9	2158.9	2160.1	2148.4	2148.4	2155.4	2158.9	2160.1
22.5°	2110.1	2124.0	2124.0	2118.2	2118.2	2113.6	2110.1	2103.1	2111.2	2117.0	2121.7
25°	2061.2	2067.1	2060.1	2047.3	2040.3	2034.5	2018.2	2032.2	2032.2	2049.6	2055.4
27.5°	1992.6	1979.9	1960.1	1933.4	1927.5	1908.9	1898.5	1902.0	1907.8	1932.2	1950.8
30°	1879.9	1841.5	1807.8	1796.2	1770.6	1752.0	1733.4	1742.7	1753.2	1767.1	1805.5
32.5°	1731.1	1693.9	1639.2	1619.5	1592.7	1569.5	1547.4	1561.3	1579.9	1589.2	1631.1
35°	1560.2	1516.0	1466.0	1432.3	1404.4	1391.6	1363.7	1383.5	1403.2	1410.2	1446.2
37.5°	1378.8	1333.5	1289.3	1260.2	1233.5	1225.3	1206.7	1220.7	1235.8	1246.3	1276.5
40°	1206.7	1164.9	1131.2	1111.4	1092.8	1085.8	1078.9	1084.7	1096.3	1104.4	1127.7
42.5°	1059.1	1025.4	1002.1	990.5	977.7	968.4	969.6	971.9	977.7	995.2	1005.6
45°	930.1	910.3	895.2	892.9	884.7	883.6	882.4	887.0	890.5	901.0	909.1
47.5°	826.6	818.4	815.0	819.6	823.1	818.4	820.8	826.6	833.6	833.6	832.4
50°	745.2	747.5	752.2	762.6	769.6	771.9	774.3	781.2	782.4	784.7	781.2
52.5°	678.9	681.3	694.1	710.3	718.5	722.0	726.6	733.6	733.6	735.9	731.3
55°	611.5	615.0	627.8	644.1	651.0	655.7	660.3	665.0	668.5	673.1	669.6
57.5°	537.1	547.6	555.7	560.4	565.0	568.5	572.0	573.1	580.1	581.3	587.1
60°	458.1	460.4	468.5	467.4	463.9	473.2	468.5	476.7	484.8	495.3	496.4
62.5°	382.5	383.6	389.5	387.1	391.8	390.6	394.1	394.1	399.9	404.6	410.4
65°	323.2	324.4	329.0	329.0	327.8	331.3	334.8	337.1	337.1	340.6	345.3
67.5°	279.0	282.5	287.2	289.5	291.8	291.8	295.3	296.5	298.8	299.9	302.3
70°	248.8	253.4	258.1	260.4	261.6	263.9	265.1	265.1	267.4	268.6	270.9
72.5°	226.7	231.4	234.8	234.8	237.2	238.3	238.3	239.5	240.7	243.0	245.3
75°	208.1	211.6	213.9	212.8	212.8	212.8	213.9	213.9	216.2	218.6	220.9
77.5°	190.7	194.1	194.1	191.8	191.8	191.8	191.8	193.0	194.1	196.5	198.8
80°	177.9	177.9	176.7	176.7	174.4	173.2	173.2	174.4	174.4	176.7	180.2
82.5°	163.9	163.9	162.8	161.6	160.4	159.3	159.3	160.4	161.6	162.8	165.1
85°	151.1	151.1	148.8	148.8	147.6	147.6	147.6	147.6	148.8	150.0	152.3
87.5°	138.3	137.2	136.0	134.9	134.9	134.9	134.9	134.9	136.0	138.3	139.5
90°	125.6	124.4	123.2	123.2	122.1	122.1	123.2	123.2	124.4	125.6	126.7
92.5°	113.9	112.8	111.6	111.6	110.4	110.4	111.6	110.4	112.8	112.8	113.9
95°	103.5	102.3	101.1	101.1	101.1	101.1	101.1	101.1	102.3	102.3	103.5
97.5°	94.2	93.0	91.8	91.8	93.0	91.8	93.0	93.0	93.0	94.2	95.3
100°	86.0	84.9	84.9	86.0	84.9	84.9	86.0	86.0	86.0	86.0	87.2
102.5°	79.1	79.1	79.1	79.1	79.1	79.1	80.2	80.2	80.2	80.2	81.4
105°	72.1	73.2	73.2	73.2	74.4	74.4	74.4	75.6	75.6	75.6	75.6
107.5°	67.4	68.6	68.6	69.8	69.8	70.9	70.9	70.9	70.9	72.1	72.1
110°	62.8	63.9	65.1	66.3	66.3	67.4	67.4	67.4	67.4	67.4	67.4



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	58.1	59.3	60.5	62.8	63.9	63.9	63.9	63.9	65.1	65.1	63.9
115°	53.5	55.8	57.0	59.3	60.5	60.5	61.6	61.6	61.6	61.6	60.5
117.5°	48.8	52.3	53.5	55.8	57.0	57.0	58.1	58.1	58.1	58.1	57.0
120°	45.3	47.7	50.0	51.2	52.3	53.5	53.5	54.6	54.6	54.6	53.5
122.5°	41.9	44.2	46.5	47.7	48.8	50.0	50.0	50.0	50.0	50.0	50.0
125°	37.2	39.5	41.9	43.0	44.2	45.3	45.3	46.5	46.5	46.5	45.3
127.5°	33.7	36.0	37.2	39.5	40.7	40.7	41.9	41.9	41.9	41.9	40.7
130°	29.1	31.4	33.7	34.9	36.0	36.0	37.2	37.2	37.2	37.2	37.2
132.5°	25.6	27.9	29.1	31.4	31.4	32.6	32.6	33.7	33.7	33.7	32.6
135°	23.3	24.4	25.6	27.9	27.9	29.1	29.1	29.1	29.1	29.1	29.1
137.5°	20.9	22.1	23.3	24.4	24.4	25.6	25.6	25.6	25.6	26.7	25.6
140°	17.4	19.8	20.9	20.9	22.1	22.1	22.1	23.3	23.3	23.3	22.1
142.5°	15.1	16.3	17.4	18.6	19.8	19.8	19.8	19.8	20.9	19.8	19.8
145°	11.6	14.0	15.1	16.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
147.5°	9.3	10.5	12.8	14.0	14.0	15.1	15.1	15.1	15.1	15.1	15.1
150°	8.1	8.1	10.5	11.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8
152.5°	5.8	7.0	8.1	9.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5
155°	5.8	5.8	7.0	7.0	8.1	8.1	8.1	8.1	9.3	8.1	8.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2241.4	2240.3	2244.9	2240.3	2217.0	2226.3	2222.8	2235.6	2236.8	2240.3	2251.9
5°	2229.8	2229.8	2235.6	2231.0	2208.9	2218.2	2217.0	2229.8	2232.1	2234.5	2247.2
7.5°	2206.6	2207.7	2215.9	2212.4	2189.1	2203.1	2201.9	2217.0	2221.7	2226.3	2237.9
10°	2184.5	2183.3	2192.6	2189.1	2167.0	2183.3	2182.1	2197.3	2204.2	2212.4	2226.3
12.5°	2172.8	2169.4	2172.8	2169.4	2144.9	2157.7	2158.9	2176.3	2184.5	2194.9	2211.2
15°	2172.8	2167.0	2167.0	2160.1	2132.2	2140.3	2141.5	2153.1	2163.5	2174.0	2193.8
17.5°	2170.5	2164.7	2163.5	2157.7	2127.5	2127.5	2126.3	2134.5	2140.3	2150.8	2171.7
20°	2157.7	2155.4	2154.2	2150.8	2122.9	2118.2	2115.9	2115.9	2119.4	2122.9	2143.8
22.5°	2124.0	2126.3	2128.7	2131.0	2108.9	2100.8	2101.9	2099.6	2096.1	2096.1	2113.6
25°	2061.2	2072.9	2082.2	2092.6	2079.8	2074.0	2081.0	2077.5	2071.7	2067.1	2082.2
27.5°	1961.3	1985.7	2005.4	2031.0	2032.2	2027.5	2046.1	2043.8	2042.6	2035.7	2047.3
30°	1822.9	1861.3	1888.0	1925.2	1956.6	1961.3	1992.6	1997.3	2001.9	1998.5	2010.1
32.5°	1655.5	1707.8	1753.2	1811.3	1841.5	1868.3	1912.4	1931.0	1949.6	1955.4	1968.2
35°	1473.0	1532.3	1585.7	1649.7	1697.4	1755.5	1809.0	1836.9	1878.7	1895.0	1913.6
37.5°	1299.8	1355.6	1407.9	1471.8	1548.5	1609.0	1675.3	1738.0	1795.0	1818.3	1846.2
40°	1146.3	1191.6	1241.6	1297.4	1367.2	1446.2	1518.3	1605.5	1672.9	1719.4	1760.1
42.5°	1030.0	1052.1	1095.1	1145.1	1200.9	1281.2	1354.4	1452.1	1533.4	1599.7	1667.1
45°	926.6	937.0	968.4	995.2	1052.1	1123.0	1200.9	1296.3	1381.1	1466.0	1547.4
47.5°	838.2	851.0	866.1	882.4	923.1	982.4	1049.8	1135.8	1220.7	1319.5	1412.5
50°	778.9	782.4	784.7	791.7	816.1	856.8	911.5	984.7	1066.1	1171.9	1270.7
52.5°	726.6	726.6	719.6	716.1	725.4	751.0	782.4	834.7	918.4	1016.1	1120.7
55°	670.8	660.3	658.0	646.4	648.7	660.3	675.5	716.1	784.7	868.4	969.6
57.5°	592.9	588.3	588.3	583.6	574.3	580.1	583.6	612.7	661.5	733.6	821.9
60°	503.4	501.1	506.9	508.0	499.9	503.4	502.2	519.7	554.5	612.7	685.9
62.5°	413.9	424.3	425.5	430.2	425.5	424.3	430.2	445.3	462.7	506.9	563.8
65°	347.6	353.4	354.6	360.4	358.1	358.1	362.7	374.3	384.8	415.0	459.2
67.5°	304.6	302.3	303.4	306.9	303.4	302.3	305.8	312.7	320.9	339.5	370.9
70°	270.9	268.6	268.6	268.6	263.9	260.4	261.6	263.9	267.4	277.9	297.6
72.5°	245.3	245.3	241.8	238.3	234.8	232.5	230.2	227.9	226.7	230.2	240.7
75°	222.1	223.2	222.1	218.6	213.9	209.3	204.6	200.0	194.1	191.8	193.0
77.5°	201.1	202.3	203.4	202.3	197.6	191.8	184.8	177.9	169.7	161.6	156.9
80°	182.5	184.8	186.0	184.8	181.4	176.7	168.6	160.4	148.8	138.3	126.7
82.5°	166.2	169.7	170.9	170.9	168.6	163.9	154.6	145.3	132.5	118.6	103.5
85°	153.5	155.8	158.1	158.1	156.9	152.3	143.0	132.5	119.7	103.5	87.2
87.5°	140.7	141.8	144.2	146.5	144.2	139.5	131.4	119.7	107.0	90.7	72.1
90°	127.9	129.0	131.4	133.7	132.5	127.9	120.9	110.4	96.5	79.1	60.5
92.5°	115.1	117.4	118.6	119.7	120.9	117.4	111.6	101.1	87.2	69.8	52.3
95°	105.8	105.8	108.1	109.3	110.4	107.0	102.3	91.8	79.1	62.8	45.3
97.5°	96.5	96.5	98.8	98.8	100.0	97.7	93.0	83.7	70.9	55.8	38.4
100°	87.2	88.4	89.5	90.7	90.7	89.5	84.9	75.6	63.9	50.0	33.7
102.5°	81.4	81.4	82.5	82.5	83.7	81.4	76.7	68.6	57.0	44.2	29.1
105°	75.6	75.6	76.7	76.7	75.6	73.2	68.6	61.6	51.2	38.4	25.6
107.5°	70.9	70.9	70.9	70.9	69.8	67.4	62.8	54.6	45.3	34.9	23.3
110°	67.4	66.3	66.3	65.1	63.9	60.5	55.8	48.8	40.7	30.2	19.8



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	63.9	62.8	61.6	60.5	58.1	54.6	50.0	44.2	36.0	26.7	17.4
115°	60.5	59.3	58.1	55.8	53.5	50.0	45.3	39.5	31.4	23.3	15.1
117.5°	57.0	55.8	53.5	51.2	48.8	45.3	40.7	34.9	27.9	20.9	14.0
120°	52.3	51.2	50.0	47.7	45.3	40.7	36.0	31.4	24.4	18.6	11.6
122.5°	48.8	47.7	45.3	44.2	40.7	37.2	32.6	27.9	22.1	16.3	10.5
125°	44.2	43.0	41.9	39.5	37.2	32.6	29.1	24.4	19.8	14.0	8.1
127.5°	40.7	39.5	37.2	34.9	32.6	29.1	25.6	22.1	17.4	11.6	8.1
130°	36.0	34.9	33.7	31.4	29.1	25.6	23.3	18.6	15.1	10.5	7.0
132.5°	31.4	31.4	30.2	27.9	25.6	23.3	19.8	16.3	12.8	9.3	5.8
135°	29.1	27.9	26.7	24.4	23.3	19.8	17.4	14.0	10.5	8.1	4.7
137.5°	25.6	24.4	23.3	22.1	19.8	17.4	15.1	11.6	9.3	7.0	4.7
140°	22.1	20.9	20.9	18.6	17.4	15.1	12.8	10.5	8.1	5.8	3.5
142.5°	19.8	18.6	17.4	16.3	15.1	12.8	10.5	8.1	7.0	4.7	3.5
145°	17.4	16.3	15.1	14.0	12.8	10.5	9.3	7.0	5.8	4.7	3.5
147.5°	14.0	14.0	12.8	11.6	10.5	9.3	8.1	7.0	4.7	3.5	2.3
150°	11.6	11.6	10.5	9.3	9.3	8.1	7.0	5.8	4.7	3.5	2.3
152.5°	10.5	9.3	9.3	8.1	8.1	7.0	5.8	4.7	3.5	3.5	2.3
155°	8.1	8.1	8.1	7.0	7.0	5.8	4.7	4.7	3.5	2.3	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2254.2	2240.3	2251.9	2272.8	2270.5	2268.2	2265.8	2270.5	2285.6	2277.5	2264.7
5°	2250.7	2236.8	2249.6	2269.3	2268.2	2264.7	2262.4	2267.0	2282.1	2274.0	2260.0
7.5°	2243.8	2231.0	2240.3	2260.0	2260.0	2257.7	2255.4	2260.0	2274.0	2267.0	2253.1
10°	2232.1	2222.8	2232.1	2250.7	2251.9	2247.2	2244.9	2250.7	2264.7	2261.2	2249.6
12.5°	2222.8	2213.5	2224.0	2242.6	2243.8	2239.1	2235.6	2242.6	2261.2	2263.5	2260.0
15°	2210.0	2201.9	2214.7	2234.5	2234.5	2231.0	2231.0	2240.3	2265.8	2276.3	2282.1
17.5°	2191.4	2185.6	2200.7	2220.5	2221.7	2219.3	2220.5	2239.1	2272.8	2298.4	2314.7
20°	2168.2	2165.9	2182.1	2203.1	2206.6	2207.7	2213.5	2241.4	2287.9	2322.8	2339.1
22.5°	2140.3	2141.5	2160.1	2182.1	2186.8	2190.3	2201.9	2241.4	2299.6	2336.8	2343.7
25°	2108.9	2112.4	2132.2	2158.9	2164.7	2171.7	2191.4	2242.6	2303.1	2327.5	2315.8
27.5°	2075.2	2082.2	2107.7	2135.6	2142.6	2154.2	2179.8	2235.6	2286.8	2287.9	2244.9
30°	2040.3	2048.4	2078.7	2111.2	2122.9	2134.5	2165.9	2219.3	2247.2	2210.0	2134.5
32.5°	2000.8	2012.4	2042.6	2082.2	2096.1	2111.2	2142.6	2188.0	2177.5	2097.3	1989.2
35°	1950.8	1967.1	2001.9	2048.4	2061.2	2081.0	2103.1	2113.6	2067.1	1953.1	1831.0
37.5°	1889.2	1913.6	1954.3	2007.8	2021.7	2034.5	2040.3	2011.2	1918.2	1795.0	1668.3
40°	1818.3	1855.5	1899.6	1958.9	1972.9	1972.9	1952.0	1890.3	1772.9	1611.3	1470.7
42.5°	1732.2	1777.6	1833.4	1892.7	1906.6	1890.3	1840.3	1732.2	1598.5	1418.3	1269.5
45°	1627.6	1688.1	1750.8	1812.4	1819.4	1783.4	1693.9	1556.7	1391.6	1224.2	1082.4
47.5°	1503.2	1582.3	1650.8	1720.6	1711.3	1650.8	1531.1	1375.3	1200.9	1042.8	928.9
50°	1363.7	1456.7	1533.4	1599.7	1579.9	1496.2	1355.6	1192.8	1019.6	884.7	790.5
52.5°	1214.9	1321.8	1398.6	1452.1	1425.3	1325.3	1170.7	1014.9	873.1	749.9	687.1
55°	1060.3	1168.4	1247.4	1289.3	1254.4	1146.3	994.0	852.2	718.5	638.3	601.0
57.5°	910.3	1011.4	1085.8	1119.6	1075.4	967.3	826.6	706.8	610.3	542.9	524.3
60°	766.1	848.7	919.6	945.2	897.5	797.5	676.6	581.3	510.4	463.9	454.6
62.5°	632.4	699.9	755.7	775.4	728.9	651.0	546.4	475.5	425.5	402.2	390.6
65°	522.0	561.5	618.5	615.0	587.1	515.0	438.3	388.3	355.7	340.6	333.7
67.5°	410.4	446.4	482.5	487.1	452.2	402.2	352.3	316.2	298.8	290.6	287.2
70°	317.4	344.1	366.2	360.4	341.8	310.4	279.0	259.3	252.3	248.8	248.8
72.5°	246.5	260.4	270.9	263.9	252.3	236.0	220.9	212.8	213.9	216.2	218.6
75°	190.7	194.1	196.5	189.5	187.2	176.7	175.5	176.7	183.7	190.7	194.1
77.5°	146.5	141.8	138.3	131.4	132.5	131.4	137.2	146.5	156.9	167.4	176.7
80°	112.8	102.3	94.2	87.2	90.7	96.5	108.1	122.1	136.0	147.6	159.3
82.5°	87.2	72.1	60.5	53.5	60.5	69.8	84.9	102.3	118.6	131.4	144.2
85°	67.4	50.0	36.0	29.1	36.0	50.0	66.3	86.0	103.5	117.4	130.2
87.5°	52.3	36.0	19.8	11.6	19.8	34.9	53.5	72.1	89.5	105.8	118.6
90°	41.9	24.4	9.3	2.3	10.5	24.4	41.9	60.5	77.9	95.3	108.1
92.5°	33.7	17.4	4.7	0.0	5.8	18.6	34.9	52.3	69.8	86.0	98.8
95°	27.9	14.0	3.5	0.0	4.7	14.0	27.9	45.3	61.6	77.9	88.4
97.5°	23.3	10.5	2.3	0.0	2.3	11.6	23.3	38.4	54.6	69.8	80.2
100°	19.8	9.3	2.3	0.0	2.3	9.3	19.8	33.7	47.7	61.6	72.1
102.5°	16.3	7.0	1.2	1.2	1.2	7.0	17.4	29.1	41.9	54.6	65.1
105°	15.1	5.8	1.2	1.2	1.2	5.8	15.1	25.6	37.2	48.8	58.1
107.5°	12.8	4.7	1.2	1.2	1.2	4.7	12.8	22.1	33.7	44.2	52.3
110°	10.5	4.7	1.2	1.2	1.2	4.7	10.5	19.8	29.1	38.4	46.5



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	9.3	3.5	1.2	1.2	1.2	3.5	9.3	17.4	25.6	34.9	41.9
115°	8.1	3.5	1.2	1.2	1.2	3.5	8.1	15.1	22.1	30.2	37.2
117.5°	7.0	3.5	1.2	1.2	1.2	2.3	7.0	12.8	19.8	26.7	33.7
120°	5.8	2.3	1.2	1.2	1.2	2.3	5.8	11.6	17.4	23.3	29.1
122.5°	5.8	2.3	1.2	1.2	1.2	2.3	4.7	9.3	15.1	19.8	25.6
125°	4.7	2.3	1.2	1.2	1.2	1.2	4.7	8.1	12.8	17.4	22.1
127.5°	4.7	2.3	1.2	1.2	1.2	1.2	3.5	7.0	10.5	15.1	19.8
130°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	5.8	9.3	12.8	16.3
132.5°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	4.7	7.0	10.5	14.0
135°	3.5	1.2	1.2	1.2	1.2	1.2	1.2	3.5	5.8	8.1	10.5
137.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	4.7	5.8	9.3
140°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	4.7	7.0
142.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	5.8
145°	2.3	1.2	1.2	2.3	2.3	1.2	1.2	2.3	2.3	3.5	4.7
147.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	2.3	3.5
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2262.4	2235.6	2249.6	2244.9	2249.6	2261.2	2260.0	2256.5	2258.9	2253.1	2247.2
5°	2257.7	2231.0	2244.9	2239.1	2244.9	2256.5	2254.2	2250.7	2254.2	2247.2	2241.4
7.5°	2251.9	2227.5	2243.8	2242.6	2253.1	2268.2	2269.3	2269.3	2277.5	2267.0	2262.4
10°	2251.9	2239.1	2261.2	2269.3	2296.1	2315.8	2318.2	2322.8	2336.8	2334.4	2322.8
12.5°	2276.3	2274.0	2306.5	2326.3	2350.7	2378.6	2393.7	2398.4	2407.7	2400.7	2396.1
15°	2307.7	2319.3	2355.4	2377.5	2404.2	2425.1	2428.6	2430.9	2437.9	2427.4	2419.3
17.5°	2349.6	2356.5	2385.6	2394.9	2412.3	2415.8	2411.2	2399.5	2399.5	2376.3	2369.3
20°	2369.3	2365.8	2377.5	2362.3	2355.4	2334.4	2314.7	2292.6	2291.4	2267.0	2264.7
22.5°	2351.9	2328.6	2304.2	2267.0	2250.7	2220.5	2193.8	2181.0	2172.8	2141.5	2133.3
25°	2290.3	2233.3	2197.3	2153.1	2113.6	2078.7	2053.1	2026.4	2000.8	1975.2	1963.6
27.5°	2183.3	2129.8	2071.7	2010.1	1955.4	1902.0	1859.0	1832.2	1807.8	1774.1	1756.6
30°	2051.9	1977.5	1913.6	1854.3	1764.8	1699.7	1663.6	1610.2	1591.6	1576.4	1543.9
32.5°	1897.3	1807.8	1720.6	1640.4	1548.5	1488.1	1440.4	1400.9	1389.3	1349.7	1340.4
35°	1726.4	1609.0	1510.2	1431.1	1364.9	1291.6	1252.1	1225.3	1202.1	1175.4	1170.7
37.5°	1525.3	1419.5	1307.9	1238.1	1185.8	1123.0	1092.8	1074.2	1063.8	1044.0	1040.5
40°	1323.0	1217.2	1140.5	1070.7	1038.2	1004.5	982.4	974.2	969.6	962.6	955.6
42.5°	1139.3	1046.3	991.7	945.2	931.2	914.9	909.1	913.8	909.1	906.8	905.6
45°	983.5	912.6	874.3	860.3	856.8	852.2	856.8	865.0	866.1	863.8	863.8
47.5°	841.7	808.0	791.7	794.0	799.8	803.3	811.5	821.9	824.3	818.4	820.8
50°	748.7	728.9	725.4	734.7	747.5	752.2	761.5	769.6	768.5	766.1	763.8
52.5°	661.5	655.7	665.0	674.3	688.2	690.6	694.1	697.5	696.4	691.7	689.4
55°	588.3	592.9	601.0	604.5	615.0	613.8	615.0	615.0	610.3	608.0	604.5
57.5°	522.0	523.2	527.8	529.0	534.8	532.5	531.3	529.0	522.0	520.8	517.3
60°	454.6	452.2	462.7	454.6	459.2	454.6	453.4	447.6	440.6	439.5	437.1
62.5°	390.6	386.0	392.9	389.5	391.8	387.1	384.8	377.8	372.0	370.9	369.7
65°	333.7	331.3	338.3	337.1	339.5	333.7	331.3	326.7	322.0	320.9	319.7
67.5°	286.0	291.8	295.3	295.3	297.6	296.5	290.6	289.5	288.3	283.7	283.7
70°	251.1	254.6	261.6	262.7	261.6	263.9	259.3	258.1	256.9	254.6	253.4
72.5°	223.2	227.9	234.8	236.0	234.8	234.8	232.5	231.4	231.4	227.9	227.9
75°	201.1	206.9	212.8	212.8	212.8	210.4	208.1	208.1	205.8	204.6	202.3
77.5°	182.5	189.5	194.1	193.0	191.8	189.5	189.5	186.0	182.5	182.5	180.2
80°	168.6	173.2	176.7	175.5	174.4	170.9	169.7	166.2	163.9	160.4	160.4
82.5°	153.5	159.3	161.6	160.4	158.1	154.6	153.5	151.1	148.8	147.6	145.3
85°	140.7	146.5	147.6	145.3	143.0	140.7	139.5	138.3	137.2	134.9	134.9
87.5°	127.9	133.7	133.7	132.5	130.2	129.0	127.9	126.7	125.6	124.4	123.2
90°	117.4	122.1	122.1	120.9	119.7	118.6	117.4	116.3	115.1	113.9	113.9
92.5°	107.0	111.6	111.6	110.4	109.3	108.1	108.1	107.0	105.8	104.6	103.5
95°	97.7	102.3	102.3	102.3	101.1	100.0	100.0	98.8	97.7	97.7	96.5
97.5°	88.4	93.0	93.0	93.0	91.8	90.7	90.7	89.5	89.5	89.5	88.4
100°	80.2	83.7	84.9	84.9	83.7	83.7	83.7	82.5	82.5	82.5	81.4
102.5°	72.1	75.6	77.9	77.9	77.9	76.7	76.7	76.7	76.7	76.7	75.6
105°	65.1	68.6	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
107.5°	59.3	62.8	65.1	66.3	67.4	67.4	68.6	68.6	68.6	68.6	68.6
110°	53.5	57.0	60.5	61.6	62.8	63.9	63.9	65.1	63.9	63.9	63.9



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	47.7	52.3	54.6	57.0	58.1	59.3	60.5	60.5	60.5	60.5	60.5
115°	43.0	47.7	50.0	52.3	54.6	55.8	55.8	57.0	57.0	57.0	55.8
117.5°	38.4	43.0	45.3	47.7	48.8	51.2	52.3	52.3	52.3	52.3	51.2
120°	34.9	38.4	40.7	43.0	45.3	46.5	47.7	47.7	47.7	47.7	47.7
122.5°	30.2	33.7	37.2	39.5	40.7	41.9	43.0	43.0	43.0	43.0	43.0
125°	26.7	30.2	32.6	34.9	36.0	38.4	38.4	38.4	38.4	38.4	38.4
127.5°	23.3	26.7	29.1	31.4	32.6	33.7	34.9	34.9	34.9	34.9	34.9
130°	19.8	23.3	25.6	27.9	29.1	30.2	30.2	31.4	31.4	31.4	31.4
132.5°	17.4	19.8	22.1	24.4	25.6	26.7	26.7	27.9	27.9	27.9	27.9
135°	14.0	17.4	18.6	20.9	22.1	23.3	23.3	24.4	24.4	24.4	24.4
137.5°	11.6	14.0	16.3	18.6	19.8	19.8	20.9	20.9	22.1	22.1	22.1
140°	9.3	10.5	14.0	15.1	16.3	17.4	18.6	18.6	18.6	18.6	18.6
142.5°	7.0	9.3	10.5	12.8	14.0	15.1	16.3	16.3	16.3	16.3	16.3
145°	5.8	7.0	8.1	10.5	11.6	12.8	14.0	14.0	14.0	14.0	14.0
147.5°	4.7	5.8	7.0	8.1	9.3	10.5	11.6	11.6	11.6	11.6	11.6
150°	3.5	4.7	5.8	5.8	7.0	8.1	9.3	10.5	10.5	10.5	10.5
152.5°	3.5	3.5	4.7	4.7	5.8	7.0	8.1	8.1	8.1	8.1	8.1
155°	2.3	3.5	3.5	3.5	4.7	4.7	5.8	7.0	7.0	7.0	7.0
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: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2250.7	2255.4	2253.1	2249.6	2248.4	2254.2	2248.4	2221.7	2232.1	2233.3	2241.4
5°	2247.2	2250.7	2248.4	2246.1	2242.6	2249.6	2242.6	2214.7	2225.2	2226.3	2234.5
7.5°	2270.5	2271.7	2271.7	2265.8	2256.5	2260.0	2250.7	2219.3	2225.2	2225.2	2231.0
10°	2328.6	2331.0	2334.4	2319.3	2307.7	2298.4	2285.6	2247.2	2246.1	2236.8	2236.8
12.5°	2404.2	2398.4	2392.6	2385.6	2376.3	2364.7	2346.1	2300.7	2285.6	2270.5	2255.4
15°	2426.3	2424.0	2422.8	2419.3	2413.5	2410.0	2396.1	2350.7	2328.6	2310.0	2283.3
17.5°	2368.2	2372.8	2387.9	2389.1	2396.1	2410.0	2407.7	2376.3	2356.5	2348.4	2315.8
20°	2263.5	2264.7	2283.3	2291.4	2321.7	2344.9	2362.3	2358.9	2354.2	2363.5	2339.1
22.5°	2138.0	2146.1	2165.9	2178.7	2207.7	2234.5	2262.4	2277.5	2301.9	2340.3	2335.6
25°	1967.1	1977.5	2005.4	2026.4	2067.1	2107.7	2144.9	2171.7	2200.7	2274.0	2298.4
27.5°	1762.5	1778.7	1814.8	1835.7	1892.7	1934.5	1988.0	2040.3	2081.0	2164.7	2214.7
30°	1547.4	1561.3	1599.7	1628.8	1677.6	1734.6	1802.0	1876.4	1943.8	2028.7	2091.5
32.5°	1346.3	1361.4	1392.8	1418.3	1473.0	1520.6	1595.0	1686.9	1749.7	1867.1	1950.8
35°	1170.7	1184.7	1206.7	1228.8	1274.2	1323.0	1386.9	1476.5	1556.7	1678.8	1784.5
37.5°	1047.5	1049.8	1062.6	1075.4	1109.1	1146.3	1196.3	1275.3	1349.7	1481.1	1597.4
40°	959.1	959.1	966.1	969.6	984.7	1006.8	1038.2	1099.8	1161.4	1261.4	1403.2
42.5°	904.5	902.2	902.2	903.3	902.2	912.6	931.2	960.3	1014.9	1097.5	1207.9
45°	863.8	859.1	855.7	847.5	842.9	842.9	844.0	854.5	885.9	939.4	1028.9
47.5°	818.4	817.3	811.5	802.2	794.0	788.2	778.9	775.4	784.7	815.0	875.4
50°	766.1	760.3	754.5	747.5	738.2	732.4	715.0	716.1	708.0	722.0	753.3
52.5°	689.4	684.8	682.4	676.6	673.1	670.8	656.9	642.9	639.4	641.7	653.4
55°	604.5	606.9	597.6	602.2	601.0	590.6	584.8	574.3	570.8	569.7	575.5
57.5°	516.2	518.5	512.7	517.3	517.3	511.5	508.0	508.0	499.9	492.9	501.1
60°	436.0	431.3	434.8	440.6	440.6	437.1	434.8	434.8	429.0	426.7	432.5
62.5°	370.9	366.2	369.7	375.5	376.7	374.3	372.0	372.0	365.0	365.0	369.7
65°	320.9	322.0	320.9	325.5	325.5	326.7	324.4	322.0	313.9	317.4	316.2
67.5°	284.8	283.7	283.7	288.3	287.2	289.5	287.2	283.7	277.9	273.2	272.0
70°	254.6	253.4	253.4	255.8	256.9	256.9	255.8	253.4	245.3	240.7	237.2
72.5°	227.9	226.7	227.9	229.0	230.2	231.4	230.2	227.9	220.9	215.1	209.3
75°	203.4	202.3	205.8	205.8	206.9	206.9	208.1	206.9	201.1	194.1	187.2
77.5°	179.0	180.2	183.7	184.8	187.2	188.3	189.5	189.5	183.7	177.9	168.6
80°	159.3	161.6	163.9	165.1	167.4	170.9	172.1	173.2	168.6	162.8	152.3
82.5°	145.3	146.5	148.8	150.0	153.5	154.6	155.8	158.1	155.8	150.0	138.3
85°	133.7	134.9	137.2	137.2	139.5	141.8	143.0	144.2	143.0	137.2	125.6
87.5°	123.2	124.4	125.6	126.7	127.9	129.0	130.2	131.4	130.2	124.4	113.9
90°	113.9	113.9	115.1	115.1	116.3	117.4	119.7	119.7	118.6	113.9	103.5
92.5°	103.5	104.6	104.6	105.8	107.0	108.1	109.3	109.3	108.1	103.5	94.2
95°	96.5	96.5	97.7	97.7	98.8	98.8	100.0	100.0	98.8	94.2	84.9
97.5°	88.4	88.4	88.4	88.4	89.5	89.5	90.7	90.7	89.5	84.9	76.7
100°	81.4	81.4	81.4	81.4	81.4	82.5	82.5	82.5	81.4	76.7	68.6
102.5°	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	73.2	69.8	61.6
105°	72.1	72.1	72.1	70.9	70.9	70.9	69.8	69.8	66.3	62.8	55.8
107.5°	67.4	67.4	67.4	66.3	66.3	65.1	63.9	63.9	60.5	57.0	50.0
110°	63.9	63.9	63.9	62.8	61.6	60.5	59.3	58.1	54.6	50.0	44.2



TEST NUMBER: P290229

CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	60.5	60.5	59.3	59.3	58.1	57.0	54.6	53.5	50.0	45.3	39.5
115°	55.8	55.8	55.8	54.6	53.5	52.3	51.2	48.8	45.3	40.7	34.9
117.5°	51.2	51.2	51.2	50.0	48.8	47.7	46.5	44.2	40.7	36.0	31.4
120°	46.5	46.5	46.5	45.3	44.2	43.0	41.9	39.5	36.0	32.6	26.7
122.5°	43.0	43.0	41.9	40.7	39.5	38.4	37.2	34.9	32.6	27.9	23.3
125°	38.4	38.4	37.2	37.2	36.0	34.9	33.7	31.4	27.9	24.4	20.9
127.5°	34.9	33.7	33.7	33.7	32.6	31.4	29.1	27.9	24.4	20.9	17.4
130°	30.2	30.2	30.2	29.1	29.1	27.9	25.6	23.3	20.9	18.6	15.1
132.5°	26.7	26.7	26.7	26.7	25.6	24.4	22.1	20.9	18.6	15.1	12.8
135°	24.4	24.4	23.3	23.3	22.1	20.9	19.8	17.4	15.1	12.8	10.5
137.5°	20.9	20.9	20.9	19.8	19.8	18.6	16.3	15.1	14.0	11.6	9.3
140°	18.6	18.6	17.4	17.4	16.3	16.3	15.1	12.8	11.6	9.3	8.1
142.5°	16.3	16.3	15.1	15.1	14.0	14.0	12.8	11.6	9.3	8.1	5.8
145°	14.0	14.0	12.8	12.8	12.8	11.6	10.5	9.3	8.1	7.0	5.8
147.5°	11.6	11.6	11.6	10.5	10.5	9.3	9.3	8.1	7.0	5.8	4.7
150°	10.5	10.5	9.3	9.3	9.3	8.1	7.0	7.0	5.8	4.7	3.5
152.5°	8.1	8.1	8.1	8.1	7.0	7.0	5.8	5.8	4.7	3.5	3.5
155°	7.0	7.0	7.0	5.8	5.8	5.8	4.7	4.7	3.5	3.5	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: 8SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7	2250.7
2.5°	2237.9	2236.8	2247.2	2246.1	2232.1	2253.1	2267.0
5°	2232.1	2231.0	2240.3	2242.6	2227.5	2249.6	2264.7
7.5°	2227.5	2226.3	2236.8	2240.3	2225.2	2244.9	2261.2
10°	2228.6	2222.8	2232.1	2234.5	2220.5	2241.4	2255.4
12.5°	2236.8	2222.8	2226.3	2226.3	2213.5	2232.1	2247.2
15°	2256.5	2227.5	2222.8	2219.3	2203.1	2220.5	2235.6
17.5°	2278.6	2239.1	2222.8	2211.2	2191.4	2206.6	2222.8
20°	2300.7	2251.9	2225.2	2206.6	2179.8	2193.8	2205.4
22.5°	2311.2	2263.5	2227.5	2199.6	2165.9	2172.8	2185.6
25°	2297.2	2258.9	2222.8	2189.1	2148.4	2149.6	2160.1
27.5°	2246.1	2235.6	2212.4	2178.7	2134.5	2128.7	2136.8
30°	2158.9	2188.0	2189.1	2164.7	2118.2	2106.6	2110.1
32.5°	2036.8	2101.9	2140.3	2135.6	2095.0	2078.7	2081.0
35°	1896.2	1977.5	2061.2	2089.1	2060.1	2047.3	2042.6
37.5°	1727.6	1836.9	1948.5	2017.1	2012.4	2004.3	1999.6
40°	1541.6	1672.9	1805.5	1914.8	1948.5	1948.5	1950.8
42.5°	1342.8	1496.2	1641.5	1779.9	1859.0	1876.4	1883.4
45°	1150.9	1305.6	1463.7	1622.9	1728.7	1783.4	1803.1
47.5°	976.6	1132.3	1282.3	1456.7	1597.4	1668.3	1699.7
50°	827.8	944.0	1102.1	1275.3	1428.8	1516.0	1577.6
52.5°	704.5	795.2	933.5	1095.1	1249.8	1369.5	1426.5
55°	601.0	662.7	780.1	919.6	1067.2	1191.6	1257.9
57.5°	513.9	562.7	642.9	759.2	883.6	1006.8	1077.7
60°	437.1	470.8	525.5	617.3	723.1	828.9	897.5
62.5°	370.9	392.9	429.0	496.4	579.0	661.5	725.4
65°	319.7	329.0	348.8	390.6	453.4	516.2	570.8
67.5°	269.7	275.5	290.6	316.2	347.6	392.9	429.0
70°	232.5	232.5	233.7	248.8	265.1	294.1	319.7
72.5°	202.3	198.8	191.8	195.3	198.8	215.1	231.4
75°	177.9	169.7	158.1	153.5	151.1	153.5	162.8
77.5°	156.9	145.3	131.4	119.7	110.4	107.0	115.1
80°	139.5	125.6	109.3	94.2	79.1	70.9	74.4
82.5°	125.6	108.1	90.7	73.2	55.8	44.2	44.2
85°	110.4	94.2	75.6	57.0	39.5	24.4	22.1
87.5°	100.0	82.5	62.8	45.3	27.9	12.8	7.0
90°	89.5	72.1	53.5	36.0	19.8	5.8	0.0
92.5°	80.2	63.9	46.5	29.1	14.0	3.5	0.0
95°	72.1	57.0	39.5	24.4	11.6	2.3	1.2
97.5°	63.9	50.0	34.9	19.8	8.1	2.3	1.2
100°	58.1	44.2	30.2	16.3	7.0	1.2	1.2
102.5°	51.2	39.5	25.6	14.0	5.8	1.2	1.2
105°	45.3	34.9	22.1	11.6	4.7	1.2	1.2
107.5°	40.7	30.2	19.8	10.5	4.7	1.2	1.2
110°	36.0	26.7	17.4	9.3	3.5	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	32.6	23.3	15.1	8.1	2.3	1.2	1.2
115°	27.9	20.9	12.8	7.0	2.3	1.2	1.2
117.5°	24.4	17.4	11.6	5.8	2.3	1.2	1.2
120°	20.9	15.1	9.3	4.7	1.2	1.2	1.2
122.5°	18.6	12.8	8.1	4.7	1.2	1.2	1.2
125°	16.3	11.6	7.0	3.5	1.2	1.2	1.2
127.5°	14.0	9.3	5.8	2.3	1.2	1.2	1.2
130°	11.6	8.1	4.7	2.3	1.2	1.2	1.2
132.5°	9.3	7.0	4.7	2.3	1.2	1.2	1.2
135°	8.1	5.8	3.5	2.3	1.2	1.2	1.2
137.5°	7.0	4.7	2.3	2.3	2.3	1.2	1.2
140°	5.8	3.5	2.3	2.3	2.3	2.3	1.2
142.5°	4.7	3.5	2.3	2.3	2.3	2.3	1.2
145°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
147.5°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
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)