

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: P290231

Luminaire Tested: **8SSRK-LC-60-L950-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290231
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-L950-CD1-U
Description: 6000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5852.8 lumens
Efficiency: N/A
Efficacy: 141.4 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

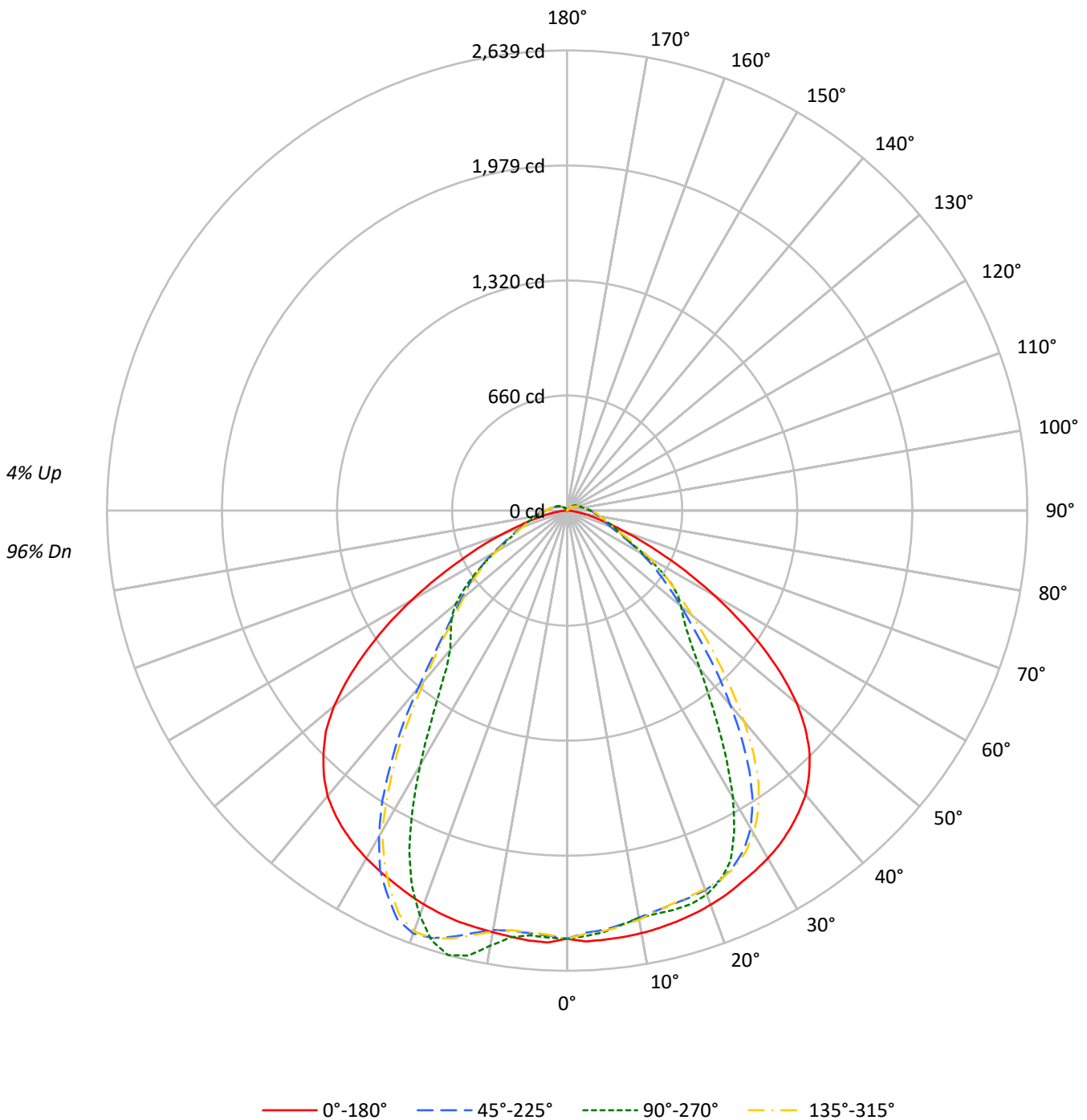
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-60-L950-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°	79279	79279	79279	79279
5°	79929	58253	80094	58709
10°	80374	45622	80207	48718
15°	81071	38246	81031	42583
20°	82047	32792	81958	34566
25°	83143	27565	83097	26635
30°	84803	21418	84848	18975
35°	86570	15652	86819	13245
40°	88157	11449	88526	10087
45°	87989	8838	88441	8606
50°	84358	7424	85539	7258
55°	75015	6084	76890	5530
60°	61025	4235	64266	3884
65°	45545	2934	49063	2782
70°	31140	2277	35105	2177
75°	20548	1827	23928	1729
80°	13504	1493	15816	1374
85°	7212	1278	9486	1167



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.2	4.0
10°-20°	693.9	11.9
20°-30°	1054.9	18.0
30°-40°	1131.6	19.3
40°-50°	982.1	16.8
50°-60°	727.9	12.4
60°-70°	417.0	7.1
70°-80°	230.9	3.9
80°-90°	140.6	2.4
90°-100°	91.4	1.6
100°-110°	61.2	1.0
110°-120°	41.4	0.7
120°-130°	25.4	0.4
130°-140°	13.3	0.2
140°-150°	6.1	0.1
150°-160°	1.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1982.0	33.9
0°-40°	3113.6	53.2
0°-60°	4823.6	82.4
0°-90°	5612.2	95.9
90°-120°	194.1	3.3
90°-150°	238.9	4.1
90°-180°	241.0	4.1
0°-180°	5852.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2455	2455	2455	2455	2455	
5°	2470	2426	2475	2445	2470	235
15°	2439	2370	2437	2639	2439	690
25°	2356	2217	2355	2142	2356	1089
35°	2228	1509	2234	1277	2228	1395
45°	1967	968	1977	942	1967	1506
55°	1372	725	1406	659	1372	1217
65°	623	368	671	349	623	628
75°	178	233	207	221	178	203
85°	24	161	32	147	24	32
90°	0	134	2	124	0	1
95°	1	110	0	105	1	1
105°	1	82	1	79	1	1
115°	1	67	1	61	1	1
125°	1	51	1	42	1	1
135°	1	32	1	27	1	1
145°	1	19	2	15	1	1
155°	2	9	2	8	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°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2472.9	2466.5	2464.0	2458.9	2462.7	2477.9	2467.8	2451.3	2452.6	2423.4	2438.6
5°	2470.3	2462.7	2458.9	2453.9	2456.4	2470.3	2460.2	2443.7	2442.4	2413.3	2427.2
7.5°	2466.5	2458.9	2452.6	2448.8	2450.0	2461.5	2448.8	2429.8	2426.0	2394.3	2406.9
10°	2460.2	2455.1	2446.2	2439.9	2438.6	2451.3	2431.0	2412.0	2403.1	2370.2	2382.8
12.5°	2451.3	2443.7	2434.8	2423.4	2422.1	2429.8	2413.3	2386.6	2377.8	2351.1	2365.1
15°	2438.6	2429.8	2419.6	2406.9	2400.6	2405.7	2385.4	2361.3	2360.0	2337.2	2356.2
17.5°	2424.7	2412.0	2400.6	2382.8	2374.0	2377.8	2361.3	2339.7	2342.3	2328.3	2349.9
20°	2405.7	2391.7	2374.0	2356.2	2343.5	2349.9	2338.5	2322.0	2325.8	2315.6	2334.6
22.5°	2384.1	2365.1	2343.5	2323.2	2313.1	2322.0	2313.1	2299.1	2300.4	2294.1	2305.5
25°	2356.2	2334.6	2309.3	2283.9	2278.8	2285.2	2280.1	2268.7	2263.6	2253.5	2258.6
27.5°	2330.8	2306.7	2275.0	2248.4	2239.5	2252.2	2240.8	2221.8	2207.8	2193.9	2183.7
30°	2301.7	2272.5	2237.0	2206.6	2199.0	2204.0	2187.5	2158.4	2121.6	2103.8	2075.9
32.5°	2270.0	2231.9	2187.5	2153.3	2148.2	2144.4	2114.0	2072.1	2015.1	1979.6	1936.5
35°	2228.1	2186.3	2133.0	2091.2	2083.6	2062.0	2012.5	1956.7	1883.2	1822.3	1748.8
37.5°	2181.2	2131.7	2075.9	2020.1	1998.6	1955.5	1885.7	1827.4	1715.8	1642.2	1553.5
40°	2127.9	2068.3	1999.9	1932.6	1897.1	1827.4	1747.5	1661.3	1553.5	1454.6	1379.7
42.5°	2054.4	1991.0	1909.8	1835.0	1774.1	1681.6	1587.7	1466.0	1367.1	1283.4	1207.3
45°	1966.9	1890.8	1797.0	1706.9	1629.6	1519.2	1408.9	1287.2	1204.7	1107.1	1055.1
47.5°	1854.0	1771.6	1671.4	1571.2	1469.8	1348.0	1232.6	1116.0	1033.5	963.8	925.7
50°	1720.9	1644.8	1534.5	1415.2	1303.6	1176.8	1061.4	973.9	894.0	850.9	821.8
52.5°	1556.0	1485.0	1372.1	1242.8	1135.0	1010.7	905.5	834.4	777.4	745.7	735.5
55°	1372.1	1310.0	1198.4	1077.9	967.6	853.5	773.6	711.4	674.7	655.6	656.9
57.5°	1175.6	1127.4	1022.1	914.3	810.3	724.1	651.8	602.4	574.5	573.2	577.0
60°	979.0	943.5	852.2	759.6	668.3	598.6	545.3	511.1	493.3	494.6	493.3
62.5°	791.3	758.3	692.4	616.3	544.0	497.1	448.9	435.0	419.8	418.5	418.5
65°	622.7	597.3	544.0	489.5	435.0	404.5	380.4	364.0	352.5	350.0	351.3
67.5°	467.9	457.8	421.0	384.2	350.0	331.0	310.7	306.9	298.0	298.0	300.5
70°	348.7	341.1	320.8	299.3	285.3	272.7	262.5	262.5	261.2	260.0	266.3
72.5°	252.4	253.6	247.3	230.8	229.5	227.0	224.5	228.3	229.5	233.3	240.9
75°	177.5	181.3	181.3	178.8	183.9	190.2	194.0	200.4	208.0	213.0	221.9
77.5°	125.5	125.5	131.9	139.5	149.6	161.1	171.2	180.1	190.2	196.6	204.2
80°	81.2	85.0	95.1	109.1	123.0	138.2	152.2	163.6	173.7	183.9	189.0
82.5°	48.2	54.5	67.2	85.0	102.7	121.7	135.7	149.6	161.1	171.2	175.0
85°	24.1	33.0	48.2	67.2	86.2	106.5	124.3	137.0	149.6	158.5	163.6
87.5°	7.6	17.8	34.2	52.0	72.3	92.6	111.6	125.5	137.0	144.6	149.6
90°	0.0	8.9	24.1	43.1	62.1	82.4	100.2	115.4	126.8	133.2	137.0
92.5°	0.0	5.1	19.0	35.5	53.3	73.6	91.3	105.3	115.4	121.7	124.3
95°	1.3	3.8	13.9	29.2	46.9	65.9	82.4	95.1	105.3	111.6	112.9
97.5°	1.3	2.5	11.4	24.1	40.6	58.3	74.8	87.5	95.1	101.5	102.7
100°	1.3	2.5	8.9	21.6	35.5	52.0	67.2	78.6	87.5	92.6	93.8
102.5°	1.3	1.3	7.6	17.8	31.7	45.7	59.6	71.0	78.6	83.7	86.2
105°	1.3	1.3	6.3	15.2	27.9	40.6	53.3	64.7	71.0	76.1	78.6
107.5°	1.3	1.3	5.1	12.7	24.1	35.5	48.2	57.1	64.7	69.7	72.3
110°	1.3	1.3	3.8	11.4	20.3	31.7	41.8	50.7	58.3	63.4	65.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.3	1.3	3.8	10.1	17.8	27.9	36.8	45.7	52.0	57.1	60.9
115°	1.3	1.3	3.8	8.9	16.5	24.1	33.0	40.6	46.9	52.0	55.8
117.5°	1.3	1.3	3.8	7.6	13.9	21.6	29.2	36.8	41.8	46.9	50.7
120°	1.3	1.3	2.5	6.3	12.7	19.0	25.4	31.7	38.0	43.1	46.9
122.5°	1.3	1.3	2.5	6.3	10.1	16.5	22.8	27.9	34.2	38.0	41.8
125°	1.3	1.3	2.5	5.1	8.9	15.2	20.3	25.4	29.2	34.2	38.0
127.5°	1.3	1.3	2.5	5.1	7.6	12.7	17.8	22.8	26.6	30.4	33.0
130°	1.3	1.3	2.5	3.8	6.3	10.1	15.2	19.0	24.1	26.6	29.2
132.5°	1.3	1.3	1.3	3.8	5.1	7.6	11.4	16.5	20.3	24.1	25.4
135°	1.3	1.3	1.3	2.5	5.1	6.3	8.9	12.7	16.5	20.3	22.8
137.5°	1.3	1.3	1.3	2.5	3.8	6.3	7.6	10.1	13.9	16.5	20.3
140°	1.3	1.3	1.3	2.5	3.8	5.1	6.3	8.9	11.4	13.9	16.5
142.5°	1.3	1.3	1.3	2.5	2.5	3.8	5.1	7.6	8.9	11.4	13.9
145°	1.3	1.3	1.3	2.5	2.5	3.8	5.1	6.3	7.6	8.9	11.4
147.5°	1.3	1.3	1.3	2.5	2.5	2.5	3.8	5.1	6.3	7.6	8.9
150°	2.5	2.5	2.5	2.5	2.5	2.5	3.8	3.8	5.1	6.3	7.6
152.5°	2.5	2.5	2.5	2.5	2.5	2.5	3.8	3.8	3.8	5.1	6.3
155°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.8	3.8	5.1	5.1
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2433.6	2436.1	2451.3	2450.0	2447.5	2445.0	2445.0	2442.4	2445.0	2451.3	2448.8
5°	2420.9	2424.7	2436.1	2434.8	2432.3	2431.0	2429.8	2426.0	2428.5	2437.4	2434.8
7.5°	2398.1	2401.9	2412.0	2406.9	2403.1	2405.7	2399.3	2395.5	2400.6	2409.5	2408.2
10°	2374.0	2376.5	2389.2	2386.6	2380.3	2381.6	2375.2	2372.7	2379.0	2384.1	2385.4
12.5°	2357.5	2366.4	2377.8	2376.5	2375.2	2376.5	2370.2	2367.6	2371.4	2376.5	2375.2
15°	2353.7	2365.1	2377.8	2377.8	2379.0	2380.3	2374.0	2370.2	2374.0	2377.8	2376.5
17.5°	2349.9	2363.8	2375.2	2374.0	2375.2	2377.8	2367.6	2365.1	2370.2	2375.2	2372.7
20°	2337.2	2349.9	2357.5	2354.9	2354.9	2356.2	2343.5	2343.5	2351.1	2354.9	2356.2
22.5°	2301.7	2316.9	2316.9	2310.6	2310.6	2305.5	2301.7	2294.1	2302.9	2309.3	2314.4
25°	2248.4	2254.8	2247.1	2233.2	2225.6	2219.2	2201.5	2216.7	2216.7	2235.7	2242.1
27.5°	2173.6	2159.6	2138.1	2108.9	2102.6	2082.3	2070.9	2074.7	2081.0	2107.7	2127.9
30°	2050.6	2008.7	1972.0	1959.3	1931.4	1911.1	1890.8	1900.9	1912.4	1927.6	1969.4
32.5°	1888.3	1847.7	1788.1	1766.5	1737.4	1712.0	1687.9	1703.1	1723.4	1733.5	1779.2
35°	1701.8	1653.7	1599.1	1562.3	1531.9	1518.0	1487.5	1509.1	1530.6	1538.3	1577.6
37.5°	1504.0	1454.6	1406.4	1374.7	1345.5	1336.6	1316.3	1331.5	1348.0	1359.4	1392.4
40°	1316.3	1270.7	1233.9	1212.3	1192.1	1184.4	1176.8	1183.2	1195.9	1204.7	1230.1
42.5°	1155.3	1118.5	1093.1	1080.5	1066.5	1056.4	1057.6	1060.2	1066.5	1085.5	1096.9
45°	1014.5	993.0	976.5	973.9	965.1	963.8	962.5	967.6	971.4	982.8	991.7
47.5°	901.6	892.8	889.0	894.0	897.8	892.8	895.3	901.6	909.3	909.3	908.0
50°	812.9	815.4	820.5	831.9	839.5	842.0	844.6	852.2	853.5	856.0	852.2
52.5°	740.6	743.1	757.1	774.8	783.7	787.5	792.6	800.2	800.2	802.7	797.7
55°	667.0	670.8	684.8	702.6	710.2	715.2	720.3	725.4	729.2	734.3	730.4
57.5°	585.9	597.3	606.2	611.2	616.3	620.1	623.9	625.2	632.8	634.1	640.4
60°	499.6	502.2	511.1	509.8	506.0	516.1	511.1	519.9	528.8	540.2	541.5
62.5°	417.2	418.5	424.8	422.3	427.4	426.1	429.9	429.9	436.2	441.3	447.7
65°	352.5	353.8	358.9	358.9	357.6	361.4	365.2	367.8	367.8	371.6	376.6
67.5°	304.4	308.2	313.2	315.8	318.3	318.3	322.1	323.4	325.9	327.2	329.7
70°	271.4	276.5	281.5	284.1	285.3	287.9	289.1	289.1	291.7	292.9	295.5
72.5°	247.3	252.4	256.2	256.2	258.7	260.0	260.0	261.2	262.5	265.0	267.6
75°	227.0	230.8	233.3	232.1	232.1	232.1	233.3	233.3	235.9	238.4	240.9
77.5°	208.0	211.8	211.8	209.2	209.2	209.2	209.2	210.5	211.8	214.3	216.9
80°	194.0	194.0	192.8	192.8	190.2	189.0	189.0	190.2	190.2	192.8	196.6
82.5°	178.8	178.8	177.5	176.3	175.0	173.7	173.7	175.0	176.3	177.5	180.1
85°	164.9	164.9	162.3	162.3	161.1	161.1	161.1	161.1	162.3	163.6	166.1
87.5°	150.9	149.6	148.4	147.1	147.1	147.1	147.1	147.1	148.4	150.9	152.2
90°	137.0	135.7	134.4	134.4	133.2	133.2	134.4	134.4	135.7	137.0	138.2
92.5°	124.3	123.0	121.7	121.7	120.5	120.5	121.7	120.5	123.0	123.0	124.3
95°	112.9	111.6	110.3	110.3	110.3	110.3	110.3	110.3	111.6	111.6	112.9
97.5°	102.7	101.5	100.2	100.2	101.5	100.2	101.5	101.5	101.5	102.7	104.0
100°	93.8	92.6	92.6	93.8	92.6	92.6	93.8	93.8	93.8	93.8	95.1
102.5°	86.2	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5	88.8
105°	78.6	79.9	79.9	79.9	81.2	81.2	81.2	82.4	82.4	82.4	82.4
107.5°	73.6	74.8	74.8	76.1	76.1	77.4	77.4	77.4	77.4	78.6	78.6
110°	68.5	69.7	71.0	72.3	72.3	73.6	73.6	73.6	73.6	73.6	73.6



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	63.4	64.7	65.9	68.5	69.7	69.7	69.7	69.7	71.0	71.0	69.7
115°	58.3	60.9	62.1	64.7	65.9	65.9	67.2	67.2	67.2	67.2	65.9
117.5°	53.3	57.1	58.3	60.9	62.1	62.1	63.4	63.4	63.4	63.4	62.1
120°	49.5	52.0	54.5	55.8	57.1	58.3	58.3	59.6	59.6	59.6	58.3
122.5°	45.7	48.2	50.7	52.0	53.3	54.5	54.5	54.5	54.5	54.5	54.5
125°	40.6	43.1	45.7	46.9	48.2	49.5	49.5	50.7	50.7	50.7	49.5
127.5°	36.8	39.3	40.6	43.1	44.4	44.4	45.7	45.7	45.7	45.7	44.4
130°	31.7	34.2	36.8	38.0	39.3	39.3	40.6	40.6	40.6	40.6	40.6
132.5°	27.9	30.4	31.7	34.2	34.2	35.5	35.5	36.8	36.8	36.8	35.5
135°	25.4	26.6	27.9	30.4	30.4	31.7	31.7	31.7	31.7	31.7	31.7
137.5°	22.8	24.1	25.4	26.6	26.6	27.9	27.9	27.9	27.9	29.2	27.9
140°	19.0	21.6	22.8	22.8	24.1	24.1	24.1	25.4	25.4	25.4	24.1
142.5°	16.5	17.8	19.0	20.3	21.6	21.6	21.6	21.6	22.8	21.6	21.6
145°	12.7	15.2	16.5	17.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0
147.5°	10.1	11.4	13.9	15.2	15.2	16.5	16.5	16.5	16.5	16.5	16.5
150°	8.9	8.9	11.4	12.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9
152.5°	6.3	7.6	8.9	10.1	11.4	11.4	11.4	11.4	11.4	11.4	11.4
155°	6.3	6.3	7.6	7.6	8.9	8.9	8.9	8.9	10.1	8.9	8.9
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: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2445.0	2443.7	2448.8	2443.7	2418.3	2428.5	2424.7	2438.6	2439.9	2443.7	2456.4
5°	2432.3	2432.3	2438.6	2433.6	2409.5	2419.6	2418.3	2432.3	2434.8	2437.4	2451.3
7.5°	2406.9	2408.2	2417.1	2413.3	2387.9	2403.1	2401.9	2418.3	2423.4	2428.5	2441.2
10°	2382.8	2381.6	2391.7	2387.9	2363.8	2381.6	2380.3	2396.8	2404.4	2413.3	2428.5
12.5°	2370.2	2366.4	2370.2	2366.4	2339.7	2353.7	2354.9	2374.0	2382.8	2394.3	2412.0
15°	2370.2	2363.8	2363.8	2356.2	2325.8	2334.6	2335.9	2348.6	2360.0	2371.4	2393.0
17.5°	2367.6	2361.3	2360.0	2353.7	2320.7	2320.7	2319.4	2328.3	2334.6	2346.1	2368.9
20°	2353.7	2351.1	2349.9	2346.1	2315.6	2310.6	2308.0	2308.0	2311.8	2315.6	2338.5
22.5°	2316.9	2319.4	2322.0	2324.5	2300.4	2291.5	2292.8	2290.3	2286.5	2286.5	2305.5
25°	2248.4	2261.1	2271.2	2282.7	2268.7	2262.4	2270.0	2266.2	2259.8	2254.8	2271.2
27.5°	2139.4	2166.0	2187.5	2215.4	2216.7	2211.6	2231.9	2229.4	2228.1	2220.5	2233.2
30°	1988.4	2030.3	2059.5	2100.0	2134.3	2139.4	2173.6	2178.7	2183.7	2179.9	2192.6
32.5°	1805.8	1862.9	1912.4	1975.8	2008.7	2037.9	2086.1	2106.4	2126.7	2133.0	2147.0
35°	1606.7	1671.4	1729.7	1799.5	1851.5	1914.9	1973.2	2003.7	2049.3	2067.1	2087.4
37.5°	1417.8	1478.7	1535.7	1605.5	1689.2	1755.1	1827.4	1895.9	1958.0	1983.4	2013.8
40°	1250.4	1299.8	1354.4	1415.2	1491.3	1577.6	1656.2	1751.3	1824.9	1875.6	1920.0
42.5°	1123.6	1147.7	1194.6	1249.1	1310.0	1397.5	1477.4	1583.9	1672.7	1745.0	1818.5
45°	1010.7	1022.1	1056.4	1085.5	1147.7	1225.0	1310.0	1414.0	1506.6	1599.1	1687.9
47.5°	914.3	928.3	944.8	962.5	1006.9	1071.6	1145.1	1239.0	1331.5	1439.3	1540.8
50°	849.7	853.5	856.0	863.6	890.2	934.6	994.2	1074.1	1162.9	1278.3	1386.1
52.5°	792.6	792.6	785.0	781.2	791.3	819.2	853.5	910.5	1001.8	1108.4	1222.5
55°	731.7	720.3	717.8	705.1	707.6	720.3	736.8	781.2	856.0	947.3	1057.6
57.5°	646.8	641.7	641.7	636.6	626.5	632.8	636.6	668.3	721.6	800.2	896.6
60°	549.1	546.6	552.9	554.2	545.3	549.1	547.8	566.9	604.9	668.3	748.2
62.5°	451.5	462.9	464.1	469.2	464.1	462.9	469.2	485.7	504.7	552.9	615.0
65°	379.2	385.5	386.8	393.1	390.6	390.6	395.7	408.3	419.8	452.7	500.9
67.5°	332.3	329.7	331.0	334.8	331.0	329.7	333.5	341.1	350.0	370.3	404.5
70°	295.5	292.9	292.9	292.9	287.9	284.1	285.3	287.9	291.7	303.1	324.6
72.5°	267.6	267.6	263.8	260.0	256.2	253.6	251.1	248.6	247.3	251.1	262.5
75°	242.2	243.5	242.2	238.4	233.3	228.3	223.2	218.1	211.8	209.2	210.5
77.5°	219.4	220.7	221.9	220.7	215.6	209.2	201.6	194.0	185.1	176.3	171.2
80°	199.1	201.6	202.9	201.6	197.8	192.8	183.9	175.0	162.3	150.9	138.2
82.5°	181.3	185.1	186.4	186.4	183.9	178.8	168.7	158.5	144.6	129.4	112.9
85°	167.4	169.9	172.5	172.5	171.2	166.1	156.0	144.6	130.6	112.9	95.1
87.5°	153.4	154.7	157.2	159.8	157.2	152.2	143.3	130.6	116.7	98.9	78.6
90°	139.5	140.8	143.3	145.8	144.6	139.5	131.9	120.5	105.3	86.2	65.9
92.5°	125.5	128.1	129.4	130.6	131.9	128.1	121.7	110.3	95.1	76.1	57.1
95°	115.4	115.4	117.9	119.2	120.5	116.7	111.6	100.2	86.2	68.5	49.5
97.5°	105.3	105.3	107.8	107.8	109.1	106.5	101.5	91.3	77.4	60.9	41.8
100°	95.1	96.4	97.6	98.9	98.9	97.6	92.6	82.4	69.7	54.5	36.8
102.5°	88.8	88.8	90.0	90.0	91.3	88.8	83.7	74.8	62.1	48.2	31.7
105°	82.4	82.4	83.7	83.7	82.4	79.9	74.8	67.2	55.8	41.8	27.9
107.5°	77.4	77.4	77.4	77.4	76.1	73.6	68.5	59.6	49.5	38.0	25.4
110°	73.6	72.3	72.3	71.0	69.7	65.9	60.9	53.3	44.4	33.0	21.6



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	69.7	68.5	67.2	65.9	63.4	59.6	54.5	48.2	39.3	29.2	19.0
115°	65.9	64.7	63.4	60.9	58.3	54.5	49.5	43.1	34.2	25.4	16.5
117.5°	62.1	60.9	58.3	55.8	53.3	49.5	44.4	38.0	30.4	22.8	15.2
120°	57.1	55.8	54.5	52.0	49.5	44.4	39.3	34.2	26.6	20.3	12.7
122.5°	53.3	52.0	49.5	48.2	44.4	40.6	35.5	30.4	24.1	17.8	11.4
125°	48.2	46.9	45.7	43.1	40.6	35.5	31.7	26.6	21.6	15.2	8.9
127.5°	44.4	43.1	40.6	38.0	35.5	31.7	27.9	24.1	19.0	12.7	8.9
130°	39.3	38.0	36.8	34.2	31.7	27.9	25.4	20.3	16.5	11.4	7.6
132.5°	34.2	34.2	33.0	30.4	27.9	25.4	21.6	17.8	13.9	10.1	6.3
135°	31.7	30.4	29.2	26.6	25.4	21.6	19.0	15.2	11.4	8.9	5.1
137.5°	27.9	26.6	25.4	24.1	21.6	19.0	16.5	12.7	10.1	7.6	5.1
140°	24.1	22.8	22.8	20.3	19.0	16.5	13.9	11.4	8.9	6.3	3.8
142.5°	21.6	20.3	19.0	17.8	16.5	13.9	11.4	8.9	7.6	5.1	3.8
145°	19.0	17.8	16.5	15.2	13.9	11.4	10.1	7.6	6.3	5.1	3.8
147.5°	15.2	15.2	13.9	12.7	11.4	10.1	8.9	7.6	5.1	3.8	2.5
150°	12.7	12.7	11.4	10.1	10.1	8.9	7.6	6.3	5.1	3.8	2.5
152.5°	11.4	10.1	10.1	8.9	8.9	7.6	6.3	5.1	3.8	3.8	2.5
155°	8.9	8.9	8.9	7.6	7.6	6.3	5.1	5.1	3.8	2.5	2.5
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: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2458.9	2443.7	2456.4	2479.2	2476.7	2474.1	2471.6	2476.7	2493.2	2484.3	2470.3
5°	2455.1	2439.9	2453.9	2475.4	2474.1	2470.3	2467.8	2472.9	2489.4	2480.5	2465.3
7.5°	2447.5	2433.6	2443.7	2465.3	2465.3	2462.7	2460.2	2465.3	2480.5	2472.9	2457.7
10°	2434.8	2424.7	2434.8	2455.1	2456.4	2451.3	2448.8	2455.1	2470.3	2466.5	2453.9
12.5°	2424.7	2414.5	2426.0	2446.2	2447.5	2442.4	2438.6	2446.2	2466.5	2469.1	2465.3
15°	2410.7	2401.9	2415.8	2437.4	2437.4	2433.6	2433.6	2443.7	2471.6	2483.0	2489.4
17.5°	2390.4	2384.1	2400.6	2422.1	2423.4	2420.9	2422.1	2442.4	2479.2	2507.1	2524.9
20°	2365.1	2362.5	2380.3	2403.1	2406.9	2408.2	2414.5	2445.0	2495.7	2533.7	2551.5
22.5°	2334.6	2335.9	2356.2	2380.3	2385.4	2389.2	2401.9	2445.0	2508.4	2549.0	2556.6
25°	2300.4	2304.2	2325.8	2354.9	2361.3	2368.9	2390.4	2446.2	2512.2	2538.8	2526.1
27.5°	2263.6	2271.2	2299.1	2329.6	2337.2	2349.9	2377.8	2438.6	2494.4	2495.7	2448.8
30°	2225.6	2234.5	2267.4	2302.9	2315.6	2328.3	2362.5	2420.9	2451.3	2410.7	2328.3
32.5°	2182.5	2195.2	2228.1	2271.2	2286.5	2302.9	2337.2	2386.6	2375.2	2287.7	2169.8
35°	2127.9	2145.7	2183.7	2234.5	2248.4	2270.0	2294.1	2305.5	2254.8	2130.5	1997.3
37.5°	2060.7	2087.4	2131.7	2190.1	2205.3	2219.2	2225.6	2193.9	2092.4	1958.0	1819.8
40°	1983.4	2024.0	2072.1	2136.8	2152.0	2152.0	2129.2	2062.0	1933.9	1757.6	1604.2
42.5°	1889.5	1939.0	1999.9	2064.5	2079.8	2062.0	2007.5	1889.5	1743.7	1547.1	1384.8
45°	1775.4	1841.3	1909.8	1977.0	1984.6	1945.3	1847.7	1698.0	1518.0	1335.4	1180.6
47.5°	1639.7	1725.9	1800.8	1876.8	1866.7	1800.8	1670.1	1500.2	1310.0	1137.5	1013.2
50°	1487.5	1589.0	1672.7	1745.0	1723.4	1632.1	1478.7	1301.1	1112.2	965.1	862.3
52.5°	1325.2	1441.9	1525.6	1583.9	1554.7	1445.7	1277.0	1107.1	952.4	818.0	749.5
55°	1156.5	1274.5	1360.7	1406.4	1368.3	1250.4	1084.3	929.5	783.7	696.2	655.6
57.5°	993.0	1103.3	1184.4	1221.2	1173.0	1055.1	901.6	771.0	665.8	592.2	571.9
60°	835.7	925.7	1003.1	1031.0	979.0	869.9	738.1	634.1	556.7	506.0	495.8
62.5°	689.9	763.4	824.3	845.9	795.1	710.2	596.0	518.7	464.1	438.8	426.1
65°	569.4	612.5	674.7	670.8	640.4	561.8	478.1	423.6	388.1	371.6	364.0
67.5°	447.7	487.0	526.3	531.4	493.3	438.8	384.2	344.9	325.9	317.0	313.2
70°	346.2	375.4	399.5	393.1	372.8	338.6	304.4	282.8	275.2	271.4	271.4
72.5°	268.8	284.1	295.5	287.9	275.2	257.4	240.9	232.1	233.3	235.9	238.4
75°	208.0	211.8	214.3	206.7	204.2	192.8	191.5	192.8	200.4	208.0	211.8
77.5°	159.8	154.7	150.9	143.3	144.6	143.3	149.6	159.8	171.2	182.6	192.8
80°	123.0	111.6	102.7	95.1	98.9	105.3	117.9	133.2	148.4	161.1	173.7
82.5°	95.1	78.6	65.9	58.3	65.9	76.1	92.6	111.6	129.4	143.3	157.2
85°	73.6	54.5	39.3	31.7	39.3	54.5	72.3	93.8	112.9	128.1	142.0
87.5°	57.1	39.3	21.6	12.7	21.6	38.0	58.3	78.6	97.6	115.4	129.4
90°	45.7	26.6	10.1	2.5	11.4	26.6	45.7	65.9	85.0	104.0	117.9
92.5°	36.8	19.0	5.1	0.0	6.3	20.3	38.0	57.1	76.1	93.8	107.8
95°	30.4	15.2	3.8	0.0	5.1	15.2	30.4	49.5	67.2	85.0	96.4
97.5°	25.4	11.4	2.5	0.0	2.5	12.7	25.4	41.8	59.6	76.1	87.5
100°	21.6	10.1	2.5	0.0	2.5	10.1	21.6	36.8	52.0	67.2	78.6
102.5°	17.8	7.6	1.3	1.3	1.3	7.6	19.0	31.7	45.7	59.6	71.0
105°	16.5	6.3	1.3	1.3	1.3	6.3	16.5	27.9	40.6	53.3	63.4
107.5°	13.9	5.1	1.3	1.3	1.3	5.1	13.9	24.1	36.8	48.2	57.1
110°	11.4	5.1	1.3	1.3	1.3	5.1	11.4	21.6	31.7	41.8	50.7



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	10.1	3.8	1.3	1.3	1.3	3.8	10.1	19.0	27.9	38.0	45.7
115°	8.9	3.8	1.3	1.3	1.3	3.8	8.9	16.5	24.1	33.0	40.6
117.5°	7.6	3.8	1.3	1.3	1.3	2.5	7.6	13.9	21.6	29.2	36.8
120°	6.3	2.5	1.3	1.3	1.3	2.5	6.3	12.7	19.0	25.4	31.7
122.5°	6.3	2.5	1.3	1.3	1.3	2.5	5.1	10.1	16.5	21.6	27.9
125°	5.1	2.5	1.3	1.3	1.3	1.3	5.1	8.9	13.9	19.0	24.1
127.5°	5.1	2.5	1.3	1.3	1.3	1.3	3.8	7.6	11.4	16.5	21.6
130°	3.8	2.5	1.3	1.3	1.3	1.3	2.5	6.3	10.1	13.9	17.8
132.5°	3.8	2.5	1.3	1.3	1.3	1.3	2.5	5.1	7.6	11.4	15.2
135°	3.8	1.3	1.3	1.3	1.3	1.3	1.3	3.8	6.3	8.9	11.4
137.5°	2.5	1.3	1.3	1.3	1.3	1.3	1.3	2.5	5.1	6.3	10.1
140°	2.5	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	5.1	7.6
142.5°	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	6.3
145°	2.5	1.3	1.3	2.5	2.5	1.3	1.3	2.5	2.5	3.8	5.1
147.5°	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	2.5	3.8
150°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.8
152.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
155°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2467.8	2438.6	2453.9	2448.8	2453.9	2466.5	2465.3	2461.5	2464.0	2457.7	2451.3
5°	2462.7	2433.6	2448.8	2442.4	2448.8	2461.5	2458.9	2455.1	2458.9	2451.3	2445.0
7.5°	2456.4	2429.8	2447.5	2446.2	2457.7	2474.1	2475.4	2475.4	2484.3	2472.9	2467.8
10°	2456.4	2442.4	2466.5	2475.4	2504.6	2526.1	2528.7	2533.7	2549.0	2546.4	2533.7
12.5°	2483.0	2480.5	2516.0	2537.6	2564.2	2594.6	2611.1	2616.2	2626.3	2618.7	2613.6
15°	2517.3	2529.9	2569.3	2593.3	2622.5	2645.3	2649.1	2651.7	2659.3	2647.9	2639.0
17.5°	2562.9	2570.5	2602.2	2612.4	2631.4	2635.2	2630.1	2617.4	2617.4	2592.1	2584.5
20°	2584.5	2580.7	2593.3	2576.9	2569.3	2546.4	2524.9	2500.8	2499.5	2472.9	2470.3
22.5°	2565.4	2540.1	2513.5	2472.9	2455.1	2422.1	2393.0	2379.0	2370.2	2335.9	2327.0
25°	2498.2	2436.1	2396.8	2348.6	2305.5	2267.4	2239.5	2210.4	2182.5	2154.6	2141.9
27.5°	2381.6	2323.2	2259.8	2192.6	2133.0	2074.7	2027.8	1998.6	1972.0	1935.2	1916.2
30°	2238.3	2157.1	2087.4	2022.7	1925.0	1854.0	1814.7	1756.4	1736.1	1719.6	1684.1
32.5°	2069.6	1972.0	1876.8	1789.3	1689.2	1623.2	1571.2	1528.1	1515.4	1472.3	1462.2
35°	1883.2	1755.1	1647.3	1561.1	1488.8	1408.9	1365.8	1336.6	1311.3	1282.1	1277.0
37.5°	1663.8	1548.4	1426.7	1350.6	1293.5	1225.0	1192.1	1171.8	1160.3	1138.8	1135.0
40°	1443.1	1327.7	1244.0	1168.0	1132.5	1095.7	1071.6	1062.7	1057.6	1050.0	1042.4
42.5°	1242.8	1141.3	1081.7	1031.0	1015.8	998.0	991.7	996.8	991.7	989.2	987.9
45°	1072.8	995.5	953.6	938.4	934.6	929.5	934.6	943.5	944.8	942.2	942.2
47.5°	918.1	881.4	863.6	866.1	872.5	876.3	885.2	896.6	899.1	892.8	895.3
50°	816.7	795.1	791.3	801.5	815.4	820.5	830.6	839.5	838.2	835.7	833.2
52.5°	721.6	715.2	725.4	735.5	750.7	753.3	757.1	760.9	759.6	754.5	752.0
55°	641.7	646.8	655.6	659.4	670.8	669.6	670.8	670.8	665.8	663.2	659.4
57.5°	569.4	570.7	575.7	577.0	583.3	580.8	579.5	577.0	569.4	568.1	564.3
60°	495.8	493.3	504.7	495.8	500.9	495.8	494.6	488.2	480.6	479.4	476.8
62.5°	426.1	421.0	428.6	424.8	427.4	422.3	419.8	412.1	405.8	404.5	403.3
65°	364.0	361.4	369.0	367.8	370.3	364.0	361.4	356.3	351.3	350.0	348.7
67.5°	312.0	318.3	322.1	322.1	324.6	323.4	317.0	315.8	314.5	309.4	309.4
70°	273.9	277.7	285.3	286.6	285.3	287.9	282.8	281.5	280.3	277.7	276.5
72.5°	243.5	248.6	256.2	257.4	256.2	256.2	253.6	252.4	252.4	248.6	248.6
75°	219.4	225.7	232.1	232.1	232.1	229.5	227.0	227.0	224.5	223.2	220.7
77.5°	199.1	206.7	211.8	210.5	209.2	206.7	206.7	202.9	199.1	199.1	196.6
80°	183.9	189.0	192.8	191.5	190.2	186.4	185.1	181.3	178.8	175.0	175.0
82.5°	167.4	173.7	176.3	175.0	172.5	168.7	167.4	164.9	162.3	161.1	158.5
85°	153.4	159.8	161.1	158.5	156.0	153.4	152.2	150.9	149.6	147.1	147.1
87.5°	139.5	145.8	145.8	144.6	142.0	140.8	139.5	138.2	137.0	135.7	134.4
90°	128.1	133.2	133.2	131.9	130.6	129.4	128.1	126.8	125.5	124.3	124.3
92.5°	116.7	121.7	121.7	120.5	119.2	117.9	117.9	116.7	115.4	114.1	112.9
95°	106.5	111.6	111.6	111.6	110.3	109.1	109.1	107.8	106.5	106.5	105.3
97.5°	96.4	101.5	101.5	101.5	100.2	98.9	98.9	97.6	97.6	97.6	96.4
100°	87.5	91.3	92.6	92.6	91.3	91.3	91.3	90.0	90.0	90.0	88.8
102.5°	78.6	82.4	85.0	85.0	85.0	83.7	83.7	83.7	83.7	83.7	82.4
105°	71.0	74.8	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
107.5°	64.7	68.5	71.0	72.3	73.6	73.6	74.8	74.8	74.8	74.8	74.8
110°	58.3	62.1	65.9	67.2	68.5	69.7	69.7	71.0	69.7	69.7	69.7



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	52.0	57.1	59.6	62.1	63.4	64.7	65.9	65.9	65.9	65.9	65.9
115°	46.9	52.0	54.5	57.1	59.6	60.9	60.9	62.1	62.1	62.1	60.9
117.5°	41.8	46.9	49.5	52.0	53.3	55.8	57.1	57.1	57.1	57.1	55.8
120°	38.0	41.8	44.4	46.9	49.5	50.7	52.0	52.0	52.0	52.0	52.0
122.5°	33.0	36.8	40.6	43.1	44.4	45.7	46.9	46.9	46.9	46.9	46.9
125°	29.2	33.0	35.5	38.0	39.3	41.8	41.8	41.8	41.8	41.8	41.8
127.5°	25.4	29.2	31.7	34.2	35.5	36.8	38.0	38.0	38.0	38.0	38.0
130°	21.6	25.4	27.9	30.4	31.7	33.0	33.0	34.2	34.2	34.2	34.2
132.5°	19.0	21.6	24.1	26.6	27.9	29.2	29.2	30.4	30.4	30.4	30.4
135°	15.2	19.0	20.3	22.8	24.1	25.4	25.4	26.6	26.6	26.6	26.6
137.5°	12.7	15.2	17.8	20.3	21.6	21.6	22.8	22.8	24.1	24.1	24.1
140°	10.1	11.4	15.2	16.5	17.8	19.0	20.3	20.3	20.3	20.3	20.3
142.5°	7.6	10.1	11.4	13.9	15.2	16.5	17.8	17.8	17.8	17.8	17.8
145°	6.3	7.6	8.9	11.4	12.7	13.9	15.2	15.2	15.2	15.2	15.2
147.5°	5.1	6.3	7.6	8.9	10.1	11.4	12.7	12.7	12.7	12.7	12.7
150°	3.8	5.1	6.3	6.3	7.6	8.9	10.1	11.4	11.4	11.4	11.4
152.5°	3.8	3.8	5.1	5.1	6.3	7.6	8.9	8.9	8.9	8.9	8.9
155°	2.5	3.8	3.8	3.8	5.1	5.1	6.3	7.6	7.6	7.6	7.6
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: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2455.1	2460.2	2457.7	2453.9	2452.6	2458.9	2452.6	2423.4	2434.8	2436.1	2445.0
5°	2451.3	2455.1	2452.6	2450.0	2446.2	2453.9	2446.2	2415.8	2427.2	2428.5	2437.4
7.5°	2476.7	2477.9	2477.9	2471.6	2461.5	2465.3	2455.1	2420.9	2427.2	2427.2	2433.6
10°	2540.1	2542.6	2546.4	2529.9	2517.3	2507.1	2493.2	2451.3	2450.0	2439.9	2439.9
12.5°	2622.5	2616.2	2609.8	2602.2	2592.1	2579.4	2559.1	2509.7	2493.2	2476.7	2460.2
15°	2646.6	2644.1	2642.8	2639.0	2632.7	2628.9	2613.6	2564.2	2540.1	2519.8	2490.6
17.5°	2583.2	2588.3	2604.8	2606.0	2613.6	2628.9	2626.3	2592.1	2570.5	2561.6	2526.1
20°	2469.1	2470.3	2490.6	2499.5	2532.5	2557.8	2576.9	2573.1	2568.0	2578.1	2551.5
22.5°	2332.1	2341.0	2362.5	2376.5	2408.2	2437.4	2467.8	2484.3	2510.9	2552.8	2547.7
25°	2145.7	2157.1	2187.5	2210.4	2254.8	2299.1	2339.7	2368.9	2400.6	2480.5	2507.1
27.5°	1922.5	1940.3	1979.6	2002.4	2064.5	2110.2	2168.5	2225.6	2270.0	2361.3	2415.8
30°	1687.9	1703.1	1745.0	1776.7	1829.9	1892.1	1965.6	2046.8	2120.3	2212.9	2281.4
32.5°	1468.5	1485.0	1519.2	1547.1	1606.7	1658.7	1739.9	1840.1	1908.6	2036.6	2127.9
35°	1277.0	1292.2	1316.3	1340.4	1389.9	1443.1	1512.9	1610.5	1698.0	1831.2	1946.6
37.5°	1142.6	1145.1	1159.1	1173.0	1209.8	1250.4	1304.9	1391.2	1472.3	1615.6	1742.4
40°	1046.2	1046.2	1053.8	1057.6	1074.1	1098.2	1132.5	1199.7	1266.9	1375.9	1530.6
42.5°	986.6	984.1	984.1	985.3	984.1	995.5	1015.8	1047.5	1107.1	1197.1	1317.6
45°	942.2	937.2	933.4	924.5	919.4	919.4	920.7	932.1	966.3	1024.7	1122.3
47.5°	892.8	891.5	885.2	875.0	866.1	859.8	849.7	845.9	856.0	889.0	954.9
50°	835.7	829.4	823.0	815.4	805.3	798.9	779.9	781.2	772.3	787.5	821.8
52.5°	752.0	746.9	744.4	738.1	734.3	731.7	716.5	701.3	697.5	700.0	712.7
55°	659.4	662.0	651.8	656.9	655.6	644.2	637.9	626.5	622.7	621.4	627.7
57.5°	563.1	565.6	559.3	564.3	564.3	558.0	554.2	554.2	545.3	537.7	546.6
60°	475.6	470.5	474.3	480.6	480.6	476.8	474.3	474.3	467.9	465.4	471.7
62.5°	404.5	399.5	403.3	409.6	410.9	408.3	405.8	405.8	398.2	398.2	403.3
65°	350.0	351.3	350.0	355.1	355.1	356.3	353.8	351.3	342.4	346.2	344.9
67.5°	310.7	309.4	309.4	314.5	313.2	315.8	313.2	309.4	303.1	298.0	296.7
70°	277.7	276.5	276.5	279.0	280.3	280.3	279.0	276.5	267.6	262.5	258.7
72.5°	248.6	247.3	248.6	249.8	251.1	252.4	251.1	248.6	240.9	234.6	228.3
75°	221.9	220.7	224.5	224.5	225.7	225.7	227.0	225.7	219.4	211.8	204.2
77.5°	195.3	196.6	200.4	201.6	204.2	205.4	206.7	206.7	200.4	194.0	183.9
80°	173.7	176.3	178.8	180.1	182.6	186.4	187.7	189.0	183.9	177.5	166.1
82.5°	158.5	159.8	162.3	163.6	167.4	168.7	169.9	172.5	169.9	163.6	150.9
85°	145.8	147.1	149.6	149.6	152.2	154.7	156.0	157.2	156.0	149.6	137.0
87.5°	134.4	135.7	137.0	138.2	139.5	140.8	142.0	143.3	142.0	135.7	124.3
90°	124.3	124.3	125.5	125.5	126.8	128.1	130.6	130.6	129.4	124.3	112.9
92.5°	112.9	114.1	114.1	115.4	116.7	117.9	119.2	119.2	117.9	112.9	102.7
95°	105.3	105.3	106.5	106.5	107.8	107.8	109.1	109.1	107.8	102.7	92.6
97.5°	96.4	96.4	96.4	96.4	97.6	97.6	98.9	98.9	97.6	92.6	83.7
100°	88.8	88.8	88.8	88.8	88.8	90.0	90.0	90.0	88.8	83.7	74.8
102.5°	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	79.9	76.1	67.2
105°	78.6	78.6	78.6	77.4	77.4	77.4	76.1	76.1	72.3	68.5	60.9
107.5°	73.6	73.6	73.6	72.3	72.3	71.0	69.7	69.7	65.9	62.1	54.5
110°	69.7	69.7	69.7	68.5	67.2	65.9	64.7	63.4	59.6	54.5	48.2



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	65.9	65.9	64.7	64.7	63.4	62.1	59.6	58.3	54.5	49.5	43.1
115°	60.9	60.9	60.9	59.6	58.3	57.1	55.8	53.3	49.5	44.4	38.0
117.5°	55.8	55.8	55.8	54.5	53.3	52.0	50.7	48.2	44.4	39.3	34.2
120°	50.7	50.7	50.7	49.5	48.2	46.9	45.7	43.1	39.3	35.5	29.2
122.5°	46.9	46.9	45.7	44.4	43.1	41.8	40.6	38.0	35.5	30.4	25.4
125°	41.8	41.8	40.6	40.6	39.3	38.0	36.8	34.2	30.4	26.6	22.8
127.5°	38.0	36.8	36.8	36.8	35.5	34.2	31.7	30.4	26.6	22.8	19.0
130°	33.0	33.0	33.0	31.7	31.7	30.4	27.9	25.4	22.8	20.3	16.5
132.5°	29.2	29.2	29.2	29.2	27.9	26.6	24.1	22.8	20.3	16.5	13.9
135°	26.6	26.6	25.4	25.4	24.1	22.8	21.6	19.0	16.5	13.9	11.4
137.5°	22.8	22.8	22.8	21.6	21.6	20.3	17.8	16.5	15.2	12.7	10.1
140°	20.3	20.3	19.0	19.0	17.8	17.8	16.5	13.9	12.7	10.1	8.9
142.5°	17.8	17.8	16.5	16.5	15.2	15.2	13.9	12.7	10.1	8.9	6.3
145°	15.2	15.2	13.9	13.9	13.9	12.7	11.4	10.1	8.9	7.6	6.3
147.5°	12.7	12.7	12.7	11.4	11.4	10.1	10.1	8.9	7.6	6.3	5.1
150°	11.4	11.4	10.1	10.1	10.1	8.9	7.6	7.6	6.3	5.1	3.8
152.5°	8.9	8.9	8.9	8.9	7.6	7.6	6.3	6.3	5.1	3.8	3.8
155°	7.6	7.6	7.6	6.3	6.3	6.3	5.1	5.1	3.8	3.8	2.5
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: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1	2455.1
2.5°	2441.2	2439.9	2451.3	2450.0	2434.8	2457.7	2472.9
5°	2434.8	2433.6	2443.7	2446.2	2429.8	2453.9	2470.3
7.5°	2429.8	2428.5	2439.9	2443.7	2427.2	2448.8	2466.5
10°	2431.0	2424.7	2434.8	2437.4	2422.1	2445.0	2460.2
12.5°	2439.9	2424.7	2428.5	2428.5	2414.5	2434.8	2451.3
15°	2461.5	2429.8	2424.7	2420.9	2403.1	2422.1	2438.6
17.5°	2485.6	2442.4	2424.7	2412.0	2390.4	2406.9	2424.7
20°	2509.7	2456.4	2427.2	2406.9	2377.8	2393.0	2405.7
22.5°	2521.1	2469.1	2429.8	2399.3	2362.5	2370.2	2384.1
25°	2505.8	2464.0	2424.7	2387.9	2343.5	2344.8	2356.2
27.5°	2450.0	2438.6	2413.3	2376.5	2328.3	2322.0	2330.8
30°	2354.9	2386.6	2387.9	2361.3	2310.6	2297.9	2301.7
32.5°	2221.8	2292.8	2334.6	2329.6	2285.2	2267.4	2270.0
35°	2068.3	2157.1	2248.4	2278.8	2247.1	2233.2	2228.1
37.5°	1884.5	2003.7	2125.4	2200.2	2195.2	2186.3	2181.2
40°	1681.6	1824.9	1969.4	2088.6	2125.4	2125.4	2127.9
42.5°	1464.7	1632.1	1790.6	1941.5	2027.8	2046.8	2054.4
45°	1255.5	1424.1	1596.6	1770.3	1885.7	1945.3	1966.9
47.5°	1065.2	1235.2	1398.8	1589.0	1742.4	1819.8	1854.0
50°	902.9	1029.7	1202.2	1391.2	1558.5	1653.7	1720.9
52.5°	768.5	867.4	1018.3	1194.6	1363.3	1493.9	1556.0
55°	655.6	722.8	850.9	1003.1	1164.2	1299.8	1372.1
57.5°	560.5	613.8	701.3	828.1	963.8	1098.2	1175.6
60°	476.8	513.6	573.2	673.4	788.8	904.2	979.0
62.5°	404.5	428.6	467.9	541.5	631.5	721.6	791.3
65°	348.7	358.9	380.4	426.1	494.6	563.1	622.7
67.5°	294.2	300.5	317.0	344.9	379.2	428.6	467.9
70°	253.6	253.6	254.9	271.4	289.1	320.8	348.7
72.5°	220.7	216.9	209.2	213.0	216.9	234.6	252.4
75°	194.0	185.1	172.5	167.4	164.9	167.4	177.5
77.5°	171.2	158.5	143.3	130.6	120.5	116.7	125.5
80°	152.2	137.0	119.2	102.7	86.2	77.4	81.2
82.5°	137.0	117.9	98.9	79.9	60.9	48.2	48.2
85°	120.5	102.7	82.4	62.1	43.1	26.6	24.1
87.5°	109.1	90.0	68.5	49.5	30.4	13.9	7.6
90°	97.6	78.6	58.3	39.3	21.6	6.3	0.0
92.5°	87.5	69.7	50.7	31.7	15.2	3.8	0.0
95°	78.6	62.1	43.1	26.6	12.7	2.5	1.3
97.5°	69.7	54.5	38.0	21.6	8.9	2.5	1.3
100°	63.4	48.2	33.0	17.8	7.6	1.3	1.3
102.5°	55.8	43.1	27.9	15.2	6.3	1.3	1.3
105°	49.5	38.0	24.1	12.7	5.1	1.3	1.3
107.5°	44.4	33.0	21.6	11.4	5.1	1.3	1.3
110°	39.3	29.2	19.0	10.1	3.8	1.3	1.3



TEST NUMBER: P290231

CATALOG NUMBER: 8SSRK-LC-60-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	35.5	25.4	16.5	8.9	2.5	1.3	1.3
115°	30.4	22.8	13.9	7.6	2.5	1.3	1.3
117.5°	26.6	19.0	12.7	6.3	2.5	1.3	1.3
120°	22.8	16.5	10.1	5.1	1.3	1.3	1.3
122.5°	20.3	13.9	8.9	5.1	1.3	1.3	1.3
125°	17.8	12.7	7.6	3.8	1.3	1.3	1.3
127.5°	15.2	10.1	6.3	2.5	1.3	1.3	1.3
130°	12.7	8.9	5.1	2.5	1.3	1.3	1.3
132.5°	10.1	7.6	5.1	2.5	1.3	1.3	1.3
135°	8.9	6.3	3.8	2.5	1.3	1.3	1.3
137.5°	7.6	5.1	2.5	2.5	2.5	1.3	1.3
140°	6.3	3.8	2.5	2.5	2.5	2.5	1.3
142.5°	5.1	3.8	2.5	2.5	2.5	2.5	1.3
145°	3.8	2.5	2.5	2.5	2.5	2.5	1.3
147.5°	3.8	2.5	2.5	2.5	2.5	2.5	1.3
150°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
152.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
155°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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)