

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: P290199

Luminaire Tested: **4SSRK-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: P290199  
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: 4SSRK-LC-60-L950-CD1-U  
Description: 6000 LUMEN, 4 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: 5901.5 lumens  
Efficiency: N/A  
Efficacy: 131.7 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19  
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')  
CIE Type: Direct

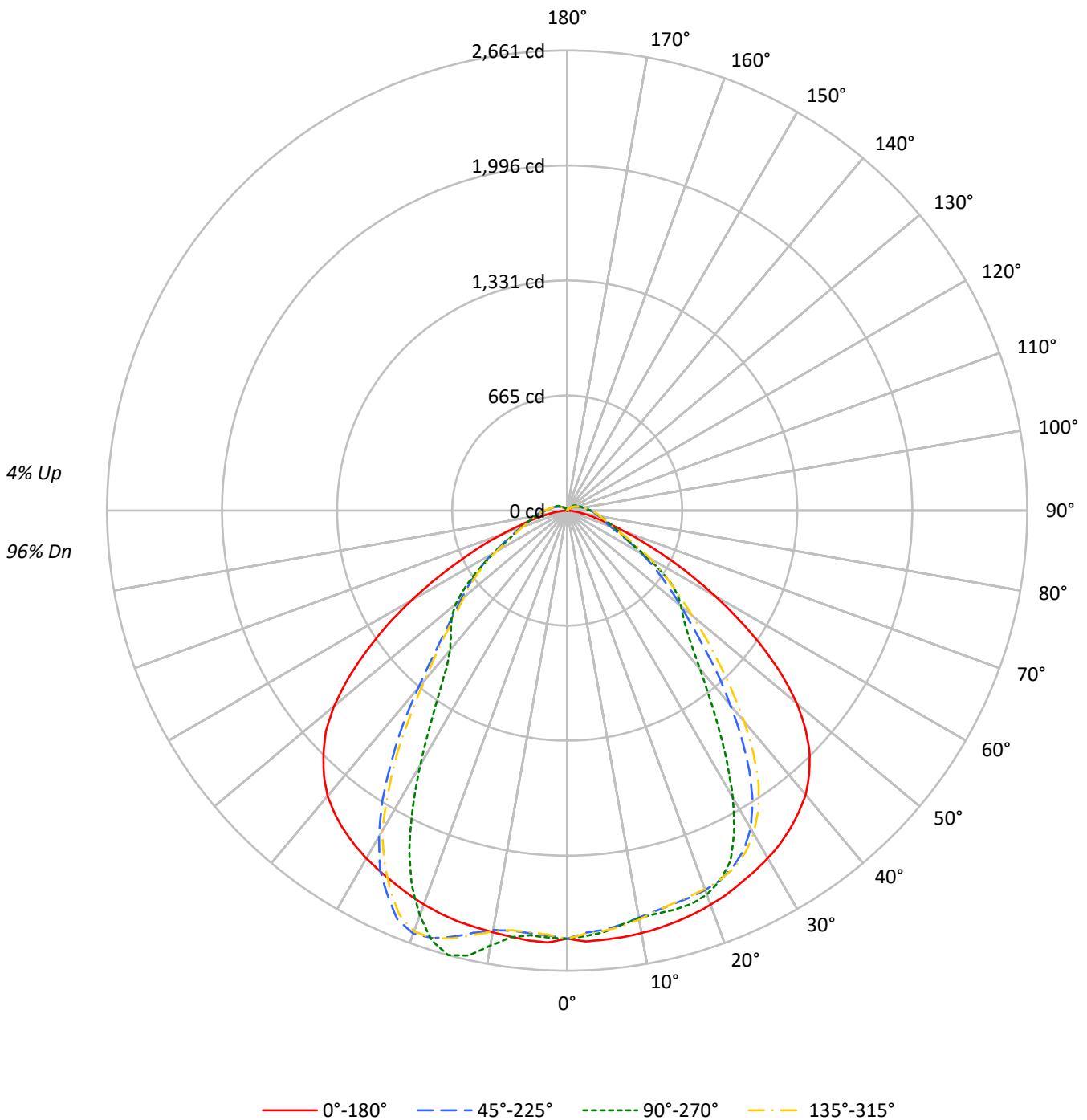
Input Watts (W): 44.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-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°	159875	159875	159875	159875
5°	160891	117471	161227	118393
10°	161489	92002	161157	98248
15°	162590	77124	162504	85873
20°	164216	66129	164046	69705
25°	166071	55588	165981	53713
30°	169006	43191	169100	38265
35°	172104	31563	172594	26709
40°	174779	23088	175512	20341
45°	173888	17821	174783	17355
50°	166094	14971	168410	14636
55°	147029	12269	150695	11153
60°	118918	8542	125242	7833
65°	88069	5916	94886	5610
70°	59572	4591	67163	4389
75°	38655	3686	45004	3486
80°	24608	3012	28850	2772
85°	12197	2576	16062	2352



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	235.1	4.0
10°-20°	699.6	11.9
20°-30°	1063.6	18.0
30°-40°	1141.0	19.3
40°-50°	990.3	16.8
50°-60°	733.9	12.4
60°-70°	420.5	7.1
70°-80°	232.9	3.9
80°-90°	141.8	2.4
90°-100°	92.2	1.6
100°-110°	61.8	1.0
110°-120°	41.7	0.7
120°-130°	25.6	0.4
130°-140°	13.5	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°	1998.4	33.9
0°-40°	3139.4	53.2
0°-60°	4863.6	82.4
0°-90°	5658.8	95.9
90°-120°	195.7	3.3
90°-150°	240.9	4.1
90°-180°	243.0	4.1
0°-180°	5901.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2476	2476	2476	2476	2476	
5°	2491	2446	2496	2465	2491	237
15°	2459	2390	2458	2661	2459	696
25°	2376	2235	2374	2160	2376	1098
35°	2247	1522	2253	1288	2247	1406
45°	1983	976	1993	950	1983	1518
55°	1384	731	1418	665	1384	1227
65°	628	371	676	352	628	633
75°	179	235	208	222	179	204
85°	24	162	32	148	24	32
90°	0	136	3	125	0	1
95°	1	111	0	106	1	1
105°	1	83	1	79	1	1
115°	1	68	1	61	1	1
125°	1	51	1	42	1	1
135°	1	32	1	27	1	1
145°	1	19	3	15	1	1
155°	3	9	3	8	3	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°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2493.4	2487.0	2484.5	2479.3	2483.2	2498.5	2488.3	2471.7	2472.9	2443.5	2458.9
5°	2490.8	2483.2	2479.3	2474.2	2476.8	2490.8	2480.6	2464.0	2462.7	2433.3	2447.4
7.5°	2487.0	2479.3	2472.9	2469.1	2470.4	2481.9	2469.1	2449.9	2446.1	2414.1	2426.9
10°	2480.6	2475.5	2466.6	2460.2	2458.9	2471.7	2451.2	2432.0	2423.1	2389.8	2402.6
12.5°	2471.7	2464.0	2455.0	2443.5	2442.3	2449.9	2433.3	2406.5	2397.5	2370.7	2384.7
15°	2458.9	2449.9	2439.7	2426.9	2420.5	2425.6	2405.2	2380.9	2379.6	2356.6	2375.8
17.5°	2444.8	2432.0	2420.5	2402.6	2393.7	2397.5	2380.9	2359.1	2361.7	2347.6	2369.4
20°	2425.6	2411.6	2393.7	2375.8	2363.0	2369.4	2357.9	2341.2	2345.1	2334.8	2354.0
22.5°	2403.9	2384.7	2363.0	2342.5	2332.3	2341.2	2332.3	2318.2	2319.5	2313.1	2324.6
25°	2375.8	2354.0	2328.5	2302.9	2297.8	2304.2	2299.0	2287.5	2282.4	2272.2	2277.3
27.5°	2350.2	2325.9	2293.9	2267.1	2258.1	2270.9	2259.4	2240.2	2226.2	2212.1	2201.9
30°	2320.8	2291.4	2255.6	2224.9	2217.2	2222.3	2205.7	2176.3	2139.2	2121.3	2093.2
32.5°	2288.8	2250.5	2205.7	2171.2	2166.1	2162.2	2131.5	2089.3	2031.8	1996.0	1952.5
35°	2246.6	2204.4	2150.7	2108.5	2100.9	2079.1	2029.2	1973.0	1898.8	1837.4	1763.3
37.5°	2199.3	2149.4	2093.2	2036.9	2015.2	1971.7	1901.4	1842.6	1730.0	1655.9	1566.4
40°	2145.6	2085.5	2016.5	1948.7	1912.9	1842.6	1762.0	1675.1	1566.4	1466.6	1391.2
42.5°	2071.4	2007.5	1925.7	1850.2	1788.9	1695.5	1600.9	1478.1	1378.4	1294.0	1217.3
45°	1983.2	1906.5	1811.9	1721.1	1643.1	1531.8	1420.6	1297.8	1214.7	1116.3	1063.9
47.5°	1869.4	1786.3	1685.3	1584.3	1482.0	1359.2	1242.9	1125.2	1042.1	971.8	933.4
50°	1735.2	1658.4	1547.2	1427.0	1314.5	1186.6	1070.2	982.0	901.5	858.0	828.6
52.5°	1568.9	1497.3	1383.5	1253.1	1144.4	1019.1	913.0	841.4	783.8	751.9	741.6
55°	1383.5	1320.9	1208.3	1086.9	975.6	860.5	780.0	717.3	680.3	661.1	662.4
57.5°	1185.3	1136.7	1030.6	921.9	817.1	730.1	657.2	607.4	579.2	578.0	581.8
60°	987.1	951.3	859.3	765.9	673.9	603.5	549.8	515.3	497.4	498.7	497.4
62.5°	797.9	764.6	698.2	621.4	548.5	501.2	452.6	438.6	423.2	422.0	422.0
65°	627.8	602.3	548.5	493.6	438.6	407.9	383.6	367.0	355.5	352.9	354.2
67.5°	471.8	461.6	424.5	387.4	352.9	333.7	313.3	309.4	300.5	300.5	303.0
70°	351.6	344.0	323.5	301.8	287.7	274.9	264.7	264.7	263.4	262.1	268.5
72.5°	254.5	255.7	249.3	232.7	231.4	228.9	226.3	230.2	231.4	235.3	242.9
75°	179.0	182.8	182.8	180.3	185.4	191.8	195.6	202.0	209.7	214.8	223.8
77.5°	126.6	126.6	133.0	140.7	150.9	162.4	172.6	181.6	191.8	198.2	205.9
80°	81.8	85.7	95.9	110.0	124.0	139.4	153.4	164.9	175.2	185.4	190.5
82.5°	48.6	55.0	67.8	85.7	103.6	122.8	136.8	150.9	162.4	172.6	176.5
85°	24.3	33.2	48.6	67.8	86.9	107.4	125.3	138.1	150.9	159.8	164.9
87.5°	7.7	17.9	34.5	52.4	72.9	93.3	112.5	126.6	138.1	145.8	150.9
90°	0.0	9.0	24.3	43.5	62.7	83.1	101.0	116.4	127.9	134.3	138.1
92.5°	0.0	5.1	19.2	35.8	53.7	74.2	92.1	106.1	116.4	122.8	125.3
95°	1.3	3.8	14.1	29.4	47.3	66.5	83.1	95.9	106.1	112.5	113.8
97.5°	1.3	2.6	11.5	24.3	40.9	58.8	75.4	88.2	95.9	102.3	103.6
100°	1.3	2.6	9.0	21.7	35.8	52.4	67.8	79.3	88.2	93.3	94.6
102.5°	1.3	1.3	7.7	17.9	32.0	46.0	60.1	71.6	79.3	84.4	86.9
105°	1.3	1.3	6.4	15.3	28.1	40.9	53.7	65.2	71.6	76.7	79.3
107.5°	1.3	1.3	5.1	12.8	24.3	35.8	48.6	57.5	65.2	70.3	72.9
110°	1.3	1.3	3.8	11.5	20.5	32.0	42.2	51.1	58.8	63.9	66.5



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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	10.2	17.9	28.1	37.1	46.0	52.4	57.5	61.4
115°	1.3	1.3	3.8	9.0	16.6	24.3	33.2	40.9	47.3	52.4	56.3
117.5°	1.3	1.3	3.8	7.7	14.1	21.7	29.4	37.1	42.2	47.3	51.1
120°	1.3	1.3	2.6	6.4	12.8	19.2	25.6	32.0	38.4	43.5	47.3
122.5°	1.3	1.3	2.6	6.4	10.2	16.6	23.0	28.1	34.5	38.4	42.2
125°	1.3	1.3	2.6	5.1	9.0	15.3	20.5	25.6	29.4	34.5	38.4
127.5°	1.3	1.3	2.6	5.1	7.7	12.8	17.9	23.0	26.9	30.7	33.2
130°	1.3	1.3	2.6	3.8	6.4	10.2	15.3	19.2	24.3	26.9	29.4
132.5°	1.3	1.3	1.3	3.8	5.1	7.7	11.5	16.6	20.5	24.3	25.6
135°	1.3	1.3	1.3	2.6	5.1	6.4	9.0	12.8	16.6	20.5	23.0
137.5°	1.3	1.3	1.3	2.6	3.8	6.4	7.7	10.2	14.1	16.6	20.5
140°	1.3	1.3	1.3	2.6	3.8	5.1	6.4	9.0	11.5	14.1	16.6
142.5°	1.3	1.3	1.3	2.6	2.6	3.8	5.1	7.7	9.0	11.5	14.1
145°	1.3	1.3	1.3	2.6	2.6	3.8	5.1	6.4	7.7	9.0	11.5
147.5°	1.3	1.3	1.3	2.6	2.6	2.6	3.8	5.1	6.4	7.7	9.0
150°	2.6	2.6	2.6	2.6	2.6	2.6	3.8	3.8	5.1	6.4	7.7
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	3.8	3.8	3.8	5.1	6.4
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	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°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2453.8	2456.3	2471.7	2470.4	2467.8	2465.3	2465.3	2462.7	2465.3	2471.7	2469.1
5°	2441.0	2444.8	2456.3	2455.0	2452.5	2451.2	2449.9	2446.1	2448.6	2457.6	2455.0
7.5°	2418.0	2421.8	2432.0	2426.9	2423.1	2425.6	2419.2	2415.4	2420.5	2429.5	2428.2
10°	2393.7	2396.2	2409.0	2406.5	2400.1	2401.3	2394.9	2392.4	2398.8	2403.9	2405.2
12.5°	2377.0	2386.0	2397.5	2396.2	2394.9	2396.2	2389.8	2387.3	2391.1	2396.2	2394.9
15°	2373.2	2384.7	2397.5	2397.5	2398.8	2400.1	2393.7	2389.8	2393.7	2397.5	2396.2
17.5°	2369.4	2383.4	2394.9	2393.7	2394.9	2397.5	2387.3	2384.7	2389.8	2394.9	2392.4
20°	2356.6	2369.4	2377.0	2374.5	2374.5	2375.8	2363.0	2363.0	2370.7	2374.5	2375.8
22.5°	2320.8	2336.1	2336.1	2329.7	2329.7	2324.6	2320.8	2313.1	2322.1	2328.5	2333.6
25°	2267.1	2273.5	2265.8	2251.7	2244.1	2237.7	2219.8	2235.1	2235.1	2254.3	2260.7
27.5°	2191.6	2177.6	2155.8	2126.4	2120.0	2099.6	2088.1	2091.9	2098.3	2125.1	2145.6
30°	2067.6	2025.4	1988.3	1975.5	1947.4	1927.0	1906.5	1916.7	1928.2	1943.6	1985.8
32.5°	1903.9	1863.0	1802.9	1781.2	1751.8	1726.2	1701.9	1717.3	1737.7	1747.9	1794.0
35°	1716.0	1667.4	1612.4	1575.3	1544.6	1530.6	1499.9	1521.6	1543.4	1551.0	1590.7
37.5°	1516.5	1466.6	1418.0	1386.1	1356.7	1347.7	1327.3	1342.6	1359.2	1370.7	1404.0
40°	1327.3	1281.2	1244.1	1222.4	1201.9	1194.3	1186.6	1193.0	1205.8	1214.7	1240.3
42.5°	1164.9	1127.8	1102.2	1089.4	1075.4	1065.1	1066.4	1069.0	1075.4	1094.5	1106.0
45°	1022.9	1001.2	984.6	982.0	973.1	971.8	970.5	975.6	979.5	991.0	999.9
47.5°	909.1	900.2	896.3	901.5	905.3	900.2	902.7	909.1	916.8	916.8	915.5
50°	819.6	822.2	827.3	838.8	846.5	849.0	851.6	859.3	860.5	863.1	859.3
52.5°	746.7	749.3	763.4	781.3	790.2	794.1	799.2	806.8	806.8	809.4	804.3
55°	672.6	676.4	690.5	708.4	716.1	721.2	726.3	731.4	735.2	740.3	736.5
57.5°	590.7	602.3	611.2	616.3	621.4	625.3	629.1	630.4	638.1	639.3	645.7
60°	503.8	506.4	515.3	514.0	510.2	520.4	515.3	524.3	533.2	544.7	546.0
62.5°	420.7	422.0	428.4	425.8	430.9	429.6	433.5	433.5	439.9	445.0	451.4
65°	355.5	356.7	361.9	361.9	360.6	364.4	368.3	370.8	370.8	374.6	379.8
67.5°	306.9	310.7	315.8	318.4	320.9	320.9	324.8	326.1	328.6	329.9	332.5
70°	273.6	278.7	283.9	286.4	287.7	290.3	291.5	291.5	294.1	295.4	297.9
72.5°	249.3	254.5	258.3	258.3	260.8	262.1	262.1	263.4	264.7	267.2	269.8
75°	228.9	232.7	235.3	234.0	234.0	234.0	235.3	235.3	237.8	240.4	242.9
77.5°	209.7	213.5	213.5	211.0	211.0	211.0	211.0	212.3	213.5	216.1	218.7
80°	195.6	195.6	194.4	194.4	191.8	190.5	190.5	191.8	191.8	194.4	198.2
82.5°	180.3	180.3	179.0	177.7	176.5	175.2	175.2	176.5	177.7	179.0	181.6
85°	166.2	166.2	163.7	163.7	162.4	162.4	162.4	162.4	163.7	164.9	167.5
87.5°	152.2	150.9	149.6	148.3	148.3	148.3	148.3	148.3	149.6	152.2	153.4
90°	138.1	136.8	135.5	135.5	134.3	134.3	135.5	135.5	136.8	138.1	139.4
92.5°	125.3	124.0	122.8	122.8	121.5	121.5	122.8	121.5	124.0	124.0	125.3
95°	113.8	112.5	111.2	111.2	111.2	111.2	111.2	111.2	112.5	112.5	113.8
97.5°	103.6	102.3	101.0	101.0	102.3	101.0	102.3	102.3	102.3	103.6	104.9
100°	94.6	93.3	93.3	94.6	93.3	93.3	94.6	94.6	94.6	94.6	95.9
102.5°	86.9	86.9	86.9	86.9	86.9	86.9	88.2	88.2	88.2	88.2	89.5
105°	79.3	80.6	80.6	80.6	81.8	81.8	81.8	83.1	83.1	83.1	83.1
107.5°	74.2	75.4	75.4	76.7	76.7	78.0	78.0	78.0	78.0	79.3	79.3
110°	69.0	70.3	71.6	72.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2





TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	63.9	65.2	66.5	69.0	70.3	70.3	70.3	70.3	71.6	71.6	70.3
115°	58.8	61.4	62.7	65.2	66.5	66.5	67.8	67.8	67.8	67.8	66.5
117.5°	53.7	57.5	58.8	61.4	62.7	62.7	63.9	63.9	63.9	63.9	62.7
120°	49.9	52.4	55.0	56.3	57.5	58.8	58.8	60.1	60.1	60.1	58.8
122.5°	46.0	48.6	51.1	52.4	53.7	55.0	55.0	55.0	55.0	55.0	55.0
125°	40.9	43.5	46.0	47.3	48.6	49.9	49.9	51.1	51.1	51.1	49.9
127.5°	37.1	39.6	40.9	43.5	44.8	44.8	46.0	46.0	46.0	46.0	44.8
130°	32.0	34.5	37.1	38.4	39.6	39.6	40.9	40.9	40.9	40.9	40.9
132.5°	28.1	30.7	32.0	34.5	34.5	35.8	35.8	37.1	37.1	37.1	35.8
135°	25.6	26.9	28.1	30.7	30.7	32.0	32.0	32.0	32.0	32.0	32.0
137.5°	23.0	24.3	25.6	26.9	26.9	28.1	28.1	28.1	28.1	29.4	28.1
140°	19.2	21.7	23.0	23.0	24.3	24.3	24.3	25.6	25.6	25.6	24.3
142.5°	16.6	17.9	19.2	20.5	21.7	21.7	21.7	21.7	23.0	21.7	21.7
145°	12.8	15.3	16.6	17.9	19.2	19.2	19.2	19.2	19.2	19.2	19.2
147.5°	10.2	11.5	14.1	15.3	15.3	16.6	16.6	16.6	16.6	16.6	16.6
150°	9.0	9.0	11.5	12.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1
152.5°	6.4	7.7	9.0	10.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5
155°	6.4	6.4	7.7	7.7	9.0	9.0	9.0	9.0	10.2	9.0	9.0
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: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2465.3	2464.0	2469.1	2464.0	2438.4	2448.6	2444.8	2458.9	2460.2	2464.0	2476.8
5°	2452.5	2452.5	2458.9	2453.8	2429.5	2439.7	2438.4	2452.5	2455.0	2457.6	2471.7
7.5°	2426.9	2428.2	2437.1	2433.3	2407.7	2423.1	2421.8	2438.4	2443.5	2448.6	2461.4
10°	2402.6	2401.3	2411.6	2407.7	2383.4	2401.3	2400.1	2416.7	2424.4	2433.3	2448.6
12.5°	2389.8	2386.0	2389.8	2386.0	2359.1	2373.2	2374.5	2393.7	2402.6	2414.1	2432.0
15°	2389.8	2383.4	2383.4	2375.8	2345.1	2354.0	2355.3	2368.1	2379.6	2391.1	2412.8
17.5°	2387.3	2380.9	2379.6	2373.2	2340.0	2340.0	2338.7	2347.6	2354.0	2365.5	2388.6
20°	2373.2	2370.7	2369.4	2365.5	2334.8	2329.7	2327.2	2327.2	2331.0	2334.8	2357.9
22.5°	2336.1	2338.7	2341.2	2343.8	2319.5	2310.6	2311.8	2309.3	2305.4	2305.4	2324.6
25°	2267.1	2279.9	2290.1	2301.6	2287.5	2281.1	2288.8	2285.0	2278.6	2273.5	2290.1
27.5°	2157.1	2184.0	2205.7	2233.8	2235.1	2230.0	2250.5	2247.9	2246.6	2238.9	2251.7
30°	2005.0	2047.1	2076.6	2117.5	2152.0	2157.1	2191.6	2196.8	2201.9	2198.0	2210.8
32.5°	1820.8	1878.4	1928.2	1992.2	2025.4	2054.8	2103.4	2123.9	2144.3	2150.7	2164.8
35°	1620.1	1685.3	1744.1	1814.4	1866.9	1930.8	1989.6	2020.3	2066.3	2084.2	2104.7
37.5°	1429.6	1490.9	1548.5	1618.8	1703.2	1769.7	1842.6	1911.6	1974.3	1999.8	2030.5
40°	1260.8	1310.6	1365.6	1427.0	1503.7	1590.7	1669.9	1765.8	1840.0	1891.2	1935.9
42.5°	1132.9	1157.2	1204.5	1259.5	1320.9	1409.1	1489.6	1597.1	1686.6	1759.4	1833.6
45°	1019.1	1030.6	1065.1	1094.5	1157.2	1235.2	1320.9	1425.7	1519.1	1612.4	1701.9
47.5°	921.9	936.0	952.6	970.5	1015.3	1080.5	1154.6	1249.3	1342.6	1451.3	1553.6
50°	856.7	860.5	863.1	870.8	897.6	942.4	1002.5	1083.0	1172.5	1288.9	1397.6
52.5°	799.2	799.2	791.5	787.7	797.9	826.0	860.5	918.1	1010.1	1117.6	1232.6
55°	737.8	726.3	723.7	710.9	713.5	726.3	742.9	787.7	863.1	955.2	1066.4
57.5°	652.1	647.0	647.0	641.9	631.7	638.1	641.9	673.9	727.6	806.8	904.0
60°	553.7	551.1	557.5	558.8	549.8	553.7	552.4	571.6	609.9	673.9	754.4
62.5°	455.2	466.7	468.0	473.1	468.0	466.7	473.1	489.7	508.9	557.5	620.2
65°	382.3	388.7	390.0	396.4	393.8	393.8	398.9	411.7	423.2	456.5	505.1
67.5°	335.0	332.5	333.7	337.6	333.7	332.5	336.3	344.0	352.9	373.4	407.9
70°	297.9	295.4	295.4	295.4	290.3	286.4	287.7	290.3	294.1	305.6	327.3
72.5°	269.8	269.8	266.0	262.1	258.3	255.7	253.2	250.6	249.3	253.2	264.7
75°	244.2	245.5	244.2	240.4	235.3	230.2	225.0	219.9	213.5	211.0	212.3
77.5°	221.2	222.5	223.8	222.5	217.4	211.0	203.3	195.6	186.7	177.7	172.6
80°	200.8	203.3	204.6	203.3	199.5	194.4	185.4	176.5	163.7	152.2	139.4
82.5°	182.8	186.7	188.0	188.0	185.4	180.3	170.1	159.8	145.8	130.4	113.8
85°	168.8	171.3	173.9	173.9	172.6	167.5	157.3	145.8	131.7	113.8	95.9
87.5°	154.7	156.0	158.6	161.1	158.6	153.4	144.5	131.7	117.6	99.7	79.3
90°	140.7	141.9	144.5	147.0	145.8	140.7	133.0	121.5	106.1	86.9	66.5
92.5°	126.6	129.1	130.4	131.7	133.0	129.1	122.8	111.2	95.9	76.7	57.5
95°	116.4	116.4	118.9	120.2	121.5	117.6	112.5	101.0	86.9	69.0	49.9
97.5°	106.1	106.1	108.7	108.7	110.0	107.4	102.3	92.1	78.0	61.4	42.2
100°	95.9	97.2	98.5	99.7	99.7	98.5	93.3	83.1	70.3	55.0	37.1
102.5°	89.5	89.5	90.8	90.8	92.1	89.5	84.4	75.4	62.7	48.6	32.0
105°	83.1	83.1	84.4	84.4	83.1	80.6	75.4	67.8	56.3	42.2	28.1
107.5°	78.0	78.0	78.0	78.0	76.7	74.2	69.0	60.1	49.9	38.4	25.6
110°	74.2	72.9	72.9	71.6	70.3	66.5	61.4	53.7	44.8	33.2	21.7



TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	70.3	69.0	67.8	66.5	63.9	60.1	55.0	48.6	39.6	29.4	19.2
115°	66.5	65.2	63.9	61.4	58.8	55.0	49.9	43.5	34.5	25.6	16.6
117.5°	62.7	61.4	58.8	56.3	53.7	49.9	44.8	38.4	30.7	23.0	15.3
120°	57.5	56.3	55.0	52.4	49.9	44.8	39.6	34.5	26.9	20.5	12.8
122.5°	53.7	52.4	49.9	48.6	44.8	40.9	35.8	30.7	24.3	17.9	11.5
125°	48.6	47.3	46.0	43.5	40.9	35.8	32.0	26.9	21.7	15.3	9.0
127.5°	44.8	43.5	40.9	38.4	35.8	32.0	28.1	24.3	19.2	12.8	9.0
130°	39.6	38.4	37.1	34.5	32.0	28.1	25.6	20.5	16.6	11.5	7.7
132.5°	34.5	34.5	33.2	30.7	28.1	25.6	21.7	17.9	14.1	10.2	6.4
135°	32.0	30.7	29.4	26.9	25.6	21.7	19.2	15.3	11.5	9.0	5.1
137.5°	28.1	26.9	25.6	24.3	21.7	19.2	16.6	12.8	10.2	7.7	5.1
140°	24.3	23.0	23.0	20.5	19.2	16.6	14.1	11.5	9.0	6.4	3.8
142.5°	21.7	20.5	19.2	17.9	16.6	14.1	11.5	9.0	7.7	5.1	3.8
145°	19.2	17.9	16.6	15.3	14.1	11.5	10.2	7.7	6.4	5.1	3.8
147.5°	15.3	15.3	14.1	12.8	11.5	10.2	9.0	7.7	5.1	3.8	2.6
150°	12.8	12.8	11.5	10.2	10.2	9.0	7.7	6.4	5.1	3.8	2.6
152.5°	11.5	10.2	10.2	9.0	9.0	7.7	6.4	5.1	3.8	3.8	2.6
155°	9.0	9.0	9.0	7.7	7.7	6.4	5.1	5.1	3.8	2.6	2.6
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: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2479.3	2464.0	2476.8	2499.8	2497.2	2494.7	2492.1	2497.2	2513.9	2504.9	2490.8
5°	2475.5	2460.2	2474.2	2496.0	2494.7	2490.8	2488.3	2493.4	2510.0	2501.1	2485.7
7.5°	2467.8	2453.8	2464.0	2485.7	2485.7	2483.2	2480.6	2485.7	2501.1	2493.4	2478.1
10°	2455.0	2444.8	2455.0	2475.5	2476.8	2471.7	2469.1	2475.5	2490.8	2487.0	2474.2
12.5°	2444.8	2434.6	2446.1	2466.6	2467.8	2462.7	2458.9	2466.6	2487.0	2489.6	2485.7
15°	2430.7	2421.8	2435.9	2457.6	2457.6	2453.8	2453.8	2464.0	2492.1	2503.6	2510.0
17.5°	2410.3	2403.9	2420.5	2442.3	2443.5	2441.0	2442.3	2462.7	2499.8	2527.9	2545.8
20°	2384.7	2382.2	2400.1	2423.1	2426.9	2428.2	2434.6	2465.3	2516.4	2554.8	2572.7
22.5°	2354.0	2355.3	2375.8	2400.1	2405.2	2409.0	2421.8	2465.3	2529.2	2570.1	2577.8
25°	2319.5	2323.3	2345.1	2374.5	2380.9	2388.6	2410.3	2466.6	2533.0	2559.9	2547.1
27.5°	2282.4	2290.1	2318.2	2348.9	2356.6	2369.4	2397.5	2458.9	2515.1	2516.4	2469.1
30°	2244.1	2253.0	2286.3	2322.1	2334.8	2347.6	2382.2	2441.0	2471.7	2430.7	2347.6
32.5°	2200.6	2213.4	2246.6	2290.1	2305.4	2322.1	2356.6	2406.5	2394.9	2306.7	2187.8
35°	2145.6	2163.5	2201.9	2253.0	2267.1	2288.8	2313.1	2324.6	2273.5	2148.2	2013.9
37.5°	2077.8	2104.7	2149.4	2208.3	2223.6	2237.7	2244.1	2212.1	2109.8	1974.3	1834.9
40°	1999.8	2040.8	2089.3	2154.6	2169.9	2169.9	2146.9	2079.1	1950.0	1772.2	1617.5
42.5°	1905.2	1955.1	2016.5	2081.7	2097.0	2079.1	2024.1	1905.2	1758.2	1560.0	1396.3
45°	1790.1	1856.6	1925.7	1993.4	2001.1	1961.5	1863.0	1712.1	1530.6	1346.4	1190.4
47.5°	1653.3	1740.3	1815.7	1892.4	1882.2	1815.7	1684.0	1512.7	1320.9	1147.0	1021.7
50°	1499.9	1602.2	1686.6	1759.4	1737.7	1645.6	1490.9	1311.9	1121.4	973.1	869.5
52.5°	1336.2	1453.8	1538.2	1597.1	1567.6	1457.7	1287.6	1116.3	960.3	824.7	755.7
55°	1166.1	1285.1	1372.0	1418.0	1379.7	1260.8	1093.3	937.3	790.2	702.0	661.1
57.5°	1001.2	1112.4	1194.3	1231.4	1182.8	1063.9	909.1	777.4	671.3	597.1	576.7
60°	842.6	933.4	1011.4	1039.6	987.1	877.2	744.2	639.3	561.3	510.2	500.0
62.5°	695.6	769.8	831.1	852.9	801.7	716.1	601.0	523.0	468.0	442.4	429.6
65°	574.1	617.6	680.3	676.4	645.7	566.4	482.1	427.1	391.3	374.6	367.0
67.5°	451.4	491.0	530.6	535.8	497.4	442.4	387.4	347.8	328.6	319.7	315.8
70°	349.1	378.5	402.8	396.4	375.9	341.4	306.9	285.1	277.5	273.6	273.6
72.5°	271.1	286.4	297.9	290.3	277.5	259.6	242.9	234.0	235.3	237.8	240.4
75°	209.7	213.5	216.1	208.4	205.9	194.4	193.1	194.4	202.0	209.7	213.5
77.5°	161.1	156.0	152.2	144.5	145.8	144.5	150.9	161.1	172.6	184.1	194.4
80°	124.0	112.5	103.6	95.9	99.7	106.1	118.9	134.3	149.6	162.4	175.2
82.5°	95.9	79.3	66.5	58.8	66.5	76.7	93.3	112.5	130.4	144.5	158.6
85°	74.2	55.0	39.6	32.0	39.6	55.0	72.9	94.6	113.8	129.1	143.2
87.5°	57.5	39.6	21.7	12.8	21.7	38.4	58.8	79.3	98.5	116.4	130.4
90°	46.0	26.9	10.2	2.6	11.5	26.9	46.0	66.5	85.7	104.9	118.9
92.5°	37.1	19.2	5.1	0.0	6.4	20.5	38.4	57.5	76.7	94.6	108.7
95°	30.7	15.3	3.8	0.0	5.1	15.3	30.7	49.9	67.8	85.7	97.2
97.5°	25.6	11.5	2.6	0.0	2.6	12.8	25.6	42.2	60.1	76.7	88.2
100°	21.7	10.2	2.6	0.0	2.6	10.2	21.7	37.1	52.4	67.8	79.3
102.5°	17.9	7.7	1.3	1.3	1.3	7.7	19.2	32.0	46.0	60.1	71.6
105°	16.6	6.4	1.3	1.3	1.3	6.4	16.6	28.1	40.9	53.7	63.9
107.5°	14.1	5.1	1.3	1.3	1.3	5.1	14.1	24.3	37.1	48.6	57.5
110°	11.5	5.1	1.3	1.3	1.3	5.1	11.5	21.7	32.0	42.2	51.1



TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	10.2	3.8	1.3	1.3	1.3	3.8	10.2	19.2	28.1	38.4	46.0
115°	9.0	3.8	1.3	1.3	1.3	3.8	9.0	16.6	24.3	33.2	40.9
117.5°	7.7	3.8	1.3	1.3	1.3	2.6	7.7	14.1	21.7	29.4	37.1
120°	6.4	2.6	1.3	1.3	1.3	2.6	6.4	12.8	19.2	25.6	32.0
122.5°	6.4	2.6	1.3	1.3	1.3	2.6	5.1	10.2	16.6	21.7	28.1
125°	5.1	2.6	1.3	1.3	1.3	1.3	5.1	9.0	14.1	19.2	24.3
127.5°	5.1	2.6	1.3	1.3	1.3	1.3	3.8	7.7	11.5	16.6	21.7
130°	3.8	2.6	1.3	1.3	1.3	1.3	2.6	6.4	10.2	14.1	17.9
132.5°	3.8	2.6	1.3	1.3	1.3	1.3	2.6	5.1	7.7	11.5	15.3
135°	3.8	1.3	1.3	1.3	1.3	1.3	1.3	3.8	6.4	9.0	11.5
137.5°	2.6	1.3	1.3	1.3	1.3	1.3	1.3	2.6	5.1	6.4	10.2
140°	2.6	1.3	1.3	1.3	1.3	1.3	1.3	2.6	3.8	5.1	7.7
142.5°	2.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.6	3.8	6.4
145°	2.6	1.3	1.3	2.6	2.6	1.3	1.3	2.6	2.6	3.8	5.1
147.5°	2.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.6	2.6	3.8
150°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.8
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2488.3	2458.9	2474.2	2469.1	2474.2	2487.0	2485.7	2481.9	2484.5	2478.1	2471.7
5°	2483.2	2453.8	2469.1	2462.7	2469.1	2481.9	2479.3	2475.5	2479.3	2471.7	2465.3
7.5°	2476.8	2449.9	2467.8	2466.6	2478.1	2494.7	2496.0	2496.0	2504.9	2493.4	2488.3
10°	2476.8	2462.7	2487.0	2496.0	2525.4	2547.1	2549.7	2554.8	2570.1	2567.6	2554.8
12.5°	2503.6	2501.1	2536.9	2558.6	2585.5	2616.2	2632.8	2637.9	2648.1	2640.4	2635.3
15°	2538.2	2550.9	2590.6	2614.9	2644.3	2667.3	2671.1	2673.7	2681.4	2669.9	2660.9
17.5°	2584.2	2591.9	2623.8	2634.1	2653.2	2657.1	2652.0	2639.2	2639.2	2613.6	2605.9
20°	2605.9	2602.1	2614.9	2598.3	2590.6	2567.6	2545.8	2521.5	2520.3	2493.4	2490.8
22.5°	2586.7	2561.2	2534.3	2493.4	2475.5	2442.3	2412.8	2398.8	2389.8	2355.3	2346.4
25°	2519.0	2456.3	2416.7	2368.1	2324.6	2286.3	2258.1	2228.7	2200.6	2172.5	2159.7
27.5°	2401.3	2342.5	2278.6	2210.8	2150.7	2091.9	2044.6	2015.2	1988.3	1951.2	1932.1
30°	2256.8	2175.0	2104.7	2039.5	1941.0	1869.4	1829.8	1771.0	1750.5	1733.9	1698.1
32.5°	2086.8	1988.3	1892.4	1804.2	1703.2	1636.7	1584.3	1540.8	1528.0	1484.5	1474.3
35°	1898.8	1769.7	1661.0	1574.0	1501.2	1420.6	1377.1	1347.7	1322.1	1292.7	1287.6
37.5°	1677.6	1561.3	1438.5	1361.8	1304.2	1235.2	1201.9	1181.5	1170.0	1148.2	1144.4
40°	1455.1	1338.8	1254.4	1177.7	1141.9	1104.8	1080.5	1071.5	1066.4	1058.7	1051.1
42.5°	1253.1	1150.8	1090.7	1039.6	1024.2	1006.3	999.9	1005.0	999.9	997.4	996.1
45°	1081.8	1003.8	961.6	946.2	942.4	937.3	942.4	951.3	952.6	950.1	950.1
47.5°	925.8	888.7	870.8	873.3	879.7	883.6	892.5	904.0	906.6	900.2	902.7
50°	823.5	801.7	797.9	808.1	822.2	827.3	837.5	846.5	845.2	842.6	840.1
52.5°	727.6	721.2	731.4	741.6	757.0	759.5	763.4	767.2	765.9	760.8	758.3
55°	647.0	652.1	661.1	664.9	676.4	675.1	676.4	676.4	671.3	668.7	664.9
57.5°	574.1	575.4	580.5	581.8	588.2	585.6	584.4	581.8	574.1	572.8	569.0
60°	500.0	497.4	508.9	500.0	505.1	500.0	498.7	492.3	484.6	483.3	480.8
62.5°	429.6	424.5	432.2	428.4	430.9	425.8	423.2	415.6	409.2	407.9	406.6
65°	367.0	364.4	372.1	370.8	373.4	367.0	364.4	359.3	354.2	352.9	351.6
67.5°	314.6	320.9	324.8	324.8	327.3	326.1	319.7	318.4	317.1	312.0	312.0
70°	276.2	280.0	287.7	289.0	287.7	290.3	285.1	283.9	282.6	280.0	278.7
72.5°	245.5	250.6	258.3	259.6	258.3	258.3	255.7	254.5	254.5	250.6	250.6
75°	221.2	227.6	234.0	234.0	234.0	231.4	228.9	228.9	226.3	225.0	222.5
77.5°	200.8	208.4	213.5	212.3	211.0	208.4	208.4	204.6	200.8	200.8	198.2
80°	185.4	190.5	194.4	193.1	191.8	188.0	186.7	182.8	180.3	176.5	176.5
82.5°	168.8	175.2	177.7	176.5	173.9	170.1	168.8	166.2	163.7	162.4	159.8
85°	154.7	161.1	162.4	159.8	157.3	154.7	153.4	152.2	150.9	148.3	148.3
87.5°	140.7	147.0	147.0	145.8	143.2	141.9	140.7	139.4	138.1	136.8	135.5
90°	129.1	134.3	134.3	133.0	131.7	130.4	129.1	127.9	126.6	125.3	125.3
92.5°	117.6	122.8	122.8	121.5	120.2	118.9	118.9	117.6	116.4	115.1	113.8
95°	107.4	112.5	112.5	112.5	111.2	110.0	110.0	108.7	107.4	107.4	106.1
97.5°	97.2	102.3	102.3	102.3	101.0	99.7	99.7	98.5	98.5	98.5	97.2
100°	88.2	92.1	93.3	93.3	92.1	92.1	92.1	90.8	90.8	90.8	89.5
102.5°	79.3	83.1	85.7	85.7	85.7	84.4	84.4	84.4	84.4	84.4	83.1
105°	71.6	75.4	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
107.5°	65.2	69.0	71.6	72.9	74.2	74.2	75.4	75.4	75.4	75.4	75.4
110°	58.8	62.7	66.5	67.8	69.0	70.3	70.3	71.6	70.3	70.3	70.3



TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	52.4	57.5	60.1	62.7	63.9	65.2	66.5	66.5	66.5	66.5	66.5
115°	47.3	52.4	55.0	57.5	60.1	61.4	61.4	62.7	62.7	62.7	61.4
117.5°	42.2	47.3	49.9	52.4	53.7	56.3	57.5	57.5	57.5	57.5	56.3
120°	38.4	42.2	44.8	47.3	49.9	51.1	52.4	52.4	52.4	52.4	52.4
122.5°	33.2	37.1	40.9	43.5	44.8	46.0	47.3	47.3	47.3	47.3	47.3
125°	29.4	33.2	35.8	38.4	39.6	42.2	42.2	42.2	42.2	42.2	42.2
127.5°	25.6	29.4	32.0	34.5	35.8	37.1	38.4	38.4	38.4	38.4	38.4
130°	21.7	25.6	28.1	30.7	32.0	33.2	33.2	34.5	34.5	34.5	34.5
132.5°	19.2	21.7	24.3	26.9	28.1	29.4	29.4	30.7	30.7	30.7	30.7
135°	15.3	19.2	20.5	23.0	24.3	25.6	25.6	26.9	26.9	26.9	26.9
137.5°	12.8	15.3	17.9	20.5	21.7	21.7	23.0	23.0	24.3	24.3	24.3
140°	10.2	11.5	15.3	16.6	17.9	19.2	20.5	20.5	20.5	20.5	20.5
142.5°	7.7	10.2	11.5	14.1	15.3	16.6	17.9	17.9	17.9	17.9	17.9
145°	6.4	7.7	9.0	11.5	12.8	14.1	15.3	15.3	15.3	15.3	15.3
147.5°	5.1	6.4	7.7	9.0	10.2	11.5	12.8	12.8	12.8	12.8	12.8
150°	3.8	5.1	6.4	6.4	7.7	9.0	10.2	11.5	11.5	11.5	11.5
152.5°	3.8	3.8	5.1	5.1	6.4	7.7	9.0	9.0	9.0	9.0	9.0
155°	2.6	3.8	3.8	3.8	5.1	5.1	6.4	7.7	7.7	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: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2475.5	2480.6	2478.1	2474.2	2472.9	2479.3	2472.9	2443.5	2455.0	2456.3	2465.3
5°	2471.7	2475.5	2472.9	2470.4	2466.6	2474.2	2466.6	2435.9	2447.4	2448.6	2457.6
7.5°	2497.2	2498.5	2498.5	2492.1	2481.9	2485.7	2475.5	2441.0	2447.4	2447.4	2453.8
10°	2561.2	2563.7	2567.6	2550.9	2538.2	2527.9	2513.9	2471.7	2470.4	2460.2	2460.2
12.5°	2644.3	2637.9	2631.5	2623.8	2613.6	2600.8	2580.4	2530.5	2513.9	2497.2	2480.6
15°	2668.6	2666.0	2664.7	2660.9	2654.5	2650.7	2635.3	2585.5	2561.2	2540.7	2511.3
17.5°	2604.6	2609.8	2626.4	2627.7	2635.3	2650.7	2648.1	2613.6	2591.9	2582.9	2547.1
20°	2489.6	2490.8	2511.3	2520.3	2553.5	2579.1	2598.3	2594.4	2589.3	2599.5	2572.7
22.5°	2351.5	2360.4	2382.2	2396.2	2428.2	2457.6	2488.3	2504.9	2531.8	2574.0	2568.8
25°	2163.5	2175.0	2205.7	2228.7	2273.5	2318.2	2359.1	2388.6	2420.5	2501.1	2527.9
27.5°	1938.5	1956.4	1996.0	2019.0	2081.7	2127.7	2186.5	2244.1	2288.8	2380.9	2435.9
30°	1701.9	1717.3	1759.4	1791.4	1845.1	1907.8	1981.9	2063.8	2137.9	2231.3	2300.3
32.5°	1480.7	1497.3	1531.8	1560.0	1620.1	1672.5	1754.3	1855.3	1924.4	2053.5	2145.6
35°	1287.6	1303.0	1327.3	1351.6	1401.4	1455.1	1525.5	1623.9	1712.1	1846.4	1962.8
37.5°	1152.1	1154.6	1168.7	1182.8	1219.8	1260.8	1315.7	1402.7	1484.5	1629.0	1756.9
40°	1054.9	1054.9	1062.6	1066.4	1083.0	1107.3	1141.9	1209.6	1277.4	1387.4	1543.4
42.5°	994.8	992.2	992.2	993.5	992.2	1003.8	1024.2	1056.2	1116.3	1207.1	1328.5
45°	950.1	944.9	941.1	932.1	927.0	927.0	928.3	939.8	974.3	1033.2	1131.6
47.5°	900.2	898.9	892.5	882.3	873.3	866.9	856.7	852.9	863.1	896.3	962.8
50°	842.6	836.2	829.9	822.2	812.0	805.6	786.4	787.7	778.7	794.1	828.6
52.5°	758.3	753.1	750.6	744.2	740.3	737.8	722.4	707.1	703.3	705.8	718.6
55°	664.9	667.5	657.2	662.4	661.1	649.6	643.2	631.7	627.8	626.5	632.9
57.5°	567.7	570.3	563.9	569.0	569.0	562.6	558.8	558.8	549.8	542.2	551.1
60°	479.5	474.4	478.2	484.6	484.6	480.8	478.2	478.2	471.8	469.3	475.7
62.5°	407.9	402.8	406.6	413.0	414.3	411.7	409.2	409.2	401.5	401.5	406.6
65°	352.9	354.2	352.9	358.0	358.0	359.3	356.7	354.2	345.2	349.1	347.8
67.5°	313.3	312.0	312.0	317.1	315.8	318.4	315.8	312.0	305.6	300.5	299.2
70°	280.0	278.7	278.7	281.3	282.6	282.6	281.3	278.7	269.8	264.7	260.8
72.5°	250.6	249.3	250.6	251.9	253.2	254.5	253.2	250.6	242.9	236.6	230.2
75°	223.8	222.5	226.3	226.3	227.6	227.6	228.9	227.6	221.2	213.5	205.9
77.5°	196.9	198.2	202.0	203.3	205.9	207.1	208.4	208.4	202.0	195.6	185.4
80°	175.2	177.7	180.3	181.6	184.1	188.0	189.2	190.5	185.4	179.0	167.5
82.5°	159.8	161.1	163.7	164.9	168.8	170.1	171.3	173.9	171.3	164.9	152.2
85°	147.0	148.3	150.9	150.9	153.4	156.0	157.3	158.6	157.3	150.9	138.1
87.5°	135.5	136.8	138.1	139.4	140.7	141.9	143.2	144.5	143.2	136.8	125.3
90°	125.3	125.3	126.6	126.6	127.9	129.1	131.7	131.7	130.4	125.3	113.8
92.5°	113.8	115.1	115.1	116.4	117.6	118.9	120.2	120.2	118.9	113.8	103.6
95°	106.1	106.1	107.4	107.4	108.7	108.7	110.0	110.0	108.7	103.6	93.3
97.5°	97.2	97.2	97.2	97.2	98.5	98.5	99.7	99.7	98.5	93.3	84.4
100°	89.5	89.5	89.5	89.5	89.5	90.8	90.8	90.8	89.5	84.4	75.4
102.5°	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	80.6	76.7	67.8
105°	79.3	79.3	79.3	78.0	78.0	78.0	76.7	76.7	72.9	69.0	61.4
107.5°	74.2	74.2	74.2	72.9	72.9	71.6	70.3	70.3	66.5	62.7	55.0
110°	70.3	70.3	70.3	69.0	67.8	66.5	65.2	63.9	60.1	55.0	48.6





TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	66.5	66.5	65.2	65.2	63.9	62.7	60.1	58.8	55.0	49.9	43.5
115°	61.4	61.4	61.4	60.1	58.8	57.5	56.3	53.7	49.9	44.8	38.4
117.5°	56.3	56.3	56.3	55.0	53.7	52.4	51.1	48.6	44.8	39.6	34.5
120°	51.1	51.1	51.1	49.9	48.6	47.3	46.0	43.5	39.6	35.8	29.4
122.5°	47.3	47.3	46.0	44.8	43.5	42.2	40.9	38.4	35.8	30.7	25.6
125°	42.2	42.2	40.9	40.9	39.6	38.4	37.1	34.5	30.7	26.9	23.0
127.5°	38.4	37.1	37.1	37.1	35.8	34.5	32.0	30.7	26.9	23.0	19.2
130°	33.2	33.2	33.2	32.0	32.0	30.7	28.1	25.6	23.0	20.5	16.6
132.5°	29.4	29.4	29.4	29.4	28.1	26.9	24.3	23.0	20.5	16.6	14.1
135°	26.9	26.9	25.6	25.6	24.3	23.0	21.7	19.2	16.6	14.1	11.5
137.5°	23.0	23.0	23.0	21.7	21.7	20.5	17.9	16.6	15.3	12.8	10.2
140°	20.5	20.5	19.2	19.2	17.9	17.9	16.6	14.1	12.8	10.2	9.0
142.5°	17.9	17.9	16.6	16.6	15.3	15.3	14.1	12.8	10.2	9.0	6.4
145°	15.3	15.3	14.1	14.1	14.1	12.8	11.5	10.2	9.0	7.7	6.4
147.5°	12.8	12.8	12.8	11.5	11.5	10.2	10.2	9.0	7.7	6.4	5.1
150°	11.5	11.5	10.2	10.2	10.2	9.0	7.7	7.7	6.4	5.1	3.8
152.5°	9.0	9.0	9.0	9.0	7.7	7.7	6.4	6.4	5.1	3.8	3.8
155°	7.7	7.7	7.7	6.4	6.4	6.4	5.1	5.1	3.8	3.8	2.6
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: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5	2475.5
2.5°	2461.4	2460.2	2471.7	2470.4	2455.0	2478.1	2493.4
5°	2455.0	2453.8	2464.0	2466.6	2449.9	2474.2	2490.8
7.5°	2449.9	2448.6	2460.2	2464.0	2447.4	2469.1	2487.0
10°	2451.2	2444.8	2455.0	2457.6	2442.3	2465.3	2480.6
12.5°	2460.2	2444.8	2448.6	2448.6	2434.6	2455.0	2471.7
15°	2481.9	2449.9	2444.8	2441.0	2423.1	2442.3	2458.9
17.5°	2506.2	2462.7	2444.8	2432.0	2410.3	2426.9	2444.8
20°	2530.5	2476.8	2447.4	2426.9	2397.5	2412.8	2425.6
22.5°	2542.0	2489.6	2449.9	2419.2	2382.2	2389.8	2403.9
25°	2526.6	2484.5	2444.8	2407.7	2363.0	2364.3	2375.8
27.5°	2470.4	2458.9	2433.3	2396.2	2347.6	2341.2	2350.2
30°	2374.5	2406.5	2407.7	2380.9	2329.7	2316.9	2320.8
32.5°	2240.2	2311.8	2354.0	2348.9	2304.2	2286.3	2288.8
35°	2085.5	2175.0	2267.1	2297.8	2265.8	2251.7	2246.6
37.5°	1900.1	2020.3	2143.0	2218.5	2213.4	2204.4	2199.3
40°	1695.5	1840.0	1985.8	2106.0	2143.0	2143.0	2145.6
42.5°	1476.9	1645.6	1805.5	1957.6	2044.6	2063.8	2071.4
45°	1265.9	1435.9	1609.8	1785.0	1901.4	1961.5	1983.2
47.5°	1074.1	1245.4	1410.4	1602.2	1756.9	1834.9	1869.4
50°	910.4	1038.3	1212.2	1402.7	1571.5	1667.4	1735.2
52.5°	774.9	874.6	1026.8	1204.5	1374.6	1506.3	1568.9
55°	661.1	728.8	858.0	1011.4	1173.8	1310.6	1383.5
57.5°	565.2	618.9	707.1	835.0	971.8	1107.3	1185.3
60°	480.8	517.9	578.0	679.0	795.3	911.7	987.1
62.5°	407.9	432.2	471.8	546.0	636.8	727.6	797.9
65°	351.6	361.9	383.6	429.6	498.7	567.7	627.8
67.5°	296.7	303.0	319.7	347.8	382.3	432.2	471.8
70°	255.7	255.7	257.0	273.6	291.5	323.5	351.6
72.5°	222.5	218.7	211.0	214.8	218.7	236.6	254.5
75°	195.6	186.7	173.9	168.8	166.2	168.8	179.0
77.5°	172.6	159.8	144.5	131.7	121.5	117.6	126.6
80°	153.4	138.1	120.2	103.6	86.9	78.0	81.8
82.5°	138.1	118.9	99.7	80.6	61.4	48.6	48.6
85°	121.5	103.6	83.1	62.7	43.5	26.9	24.3
87.5°	110.0	90.8	69.0	49.9	30.7	14.1	7.7
90°	98.5	79.3	58.8	39.6	21.7	6.4	0.0
92.5°	88.2	70.3	51.1	32.0	15.3	3.8	0.0
95°	79.3	62.7	43.5	26.9	12.8	2.6	1.3
97.5°	70.3	55.0	38.4	21.7	9.0	2.6	1.3
100°	63.9	48.6	33.2	17.9	7.7	1.3	1.3
102.5°	56.3	43.5	28.1	15.3	6.4	1.3	1.3
105°	49.9	38.4	24.3	12.8	5.1	1.3	1.3
107.5°	44.8	33.2	21.7	11.5	5.1	1.3	1.3
110°	39.6	29.4	19.2	10.2	3.8	1.3	1.3



TEST NUMBER: P290199

CATALOG NUMBER: 4SSRK-LC-60-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	35.8	25.6	16.6	9.0	2.6	1.3	1.3
115°	30.7	23.0	14.1	7.7	2.6	1.3	1.3
117.5°	26.9	19.2	12.8	6.4	2.6	1.3	1.3
120°	23.0	16.6	10.2	5.1	1.3	1.3	1.3
122.5°	20.5	14.1	9.0	5.1	1.3	1.3	1.3
125°	17.9	12.8	7.7	3.8	1.3	1.3	1.3
127.5°	15.3	10.2	6.4	2.6	1.3	1.3	1.3
130°	12.8	9.0	5.1	2.6	1.3	1.3	1.3
132.5°	10.2	7.7	5.1	2.6	1.3	1.3	1.3
135°	9.0	6.4	3.8	2.6	1.3	1.3	1.3
137.5°	7.7	5.1	2.6	2.6	2.6	1.3	1.3
140°	6.4	3.8	2.6	2.6	2.6	2.6	1.3
142.5°	5.1	3.8	2.6	2.6	2.6	2.6	1.3
145°	3.8	2.6	2.6	2.6	2.6	2.6	1.3
147.5°	3.8	2.6	2.6	2.6	2.6	2.6	1.3
150°	2.6	2.6	2.6	2.6	2.6	2.6	2.6
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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)