

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: P290198

Luminaire Tested: **4SSRK-LC-60-L940-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290198
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-L940-CD1-U
Description: 6000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5541.1 lumens
Efficiency: N/A
Efficacy: 123.7 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

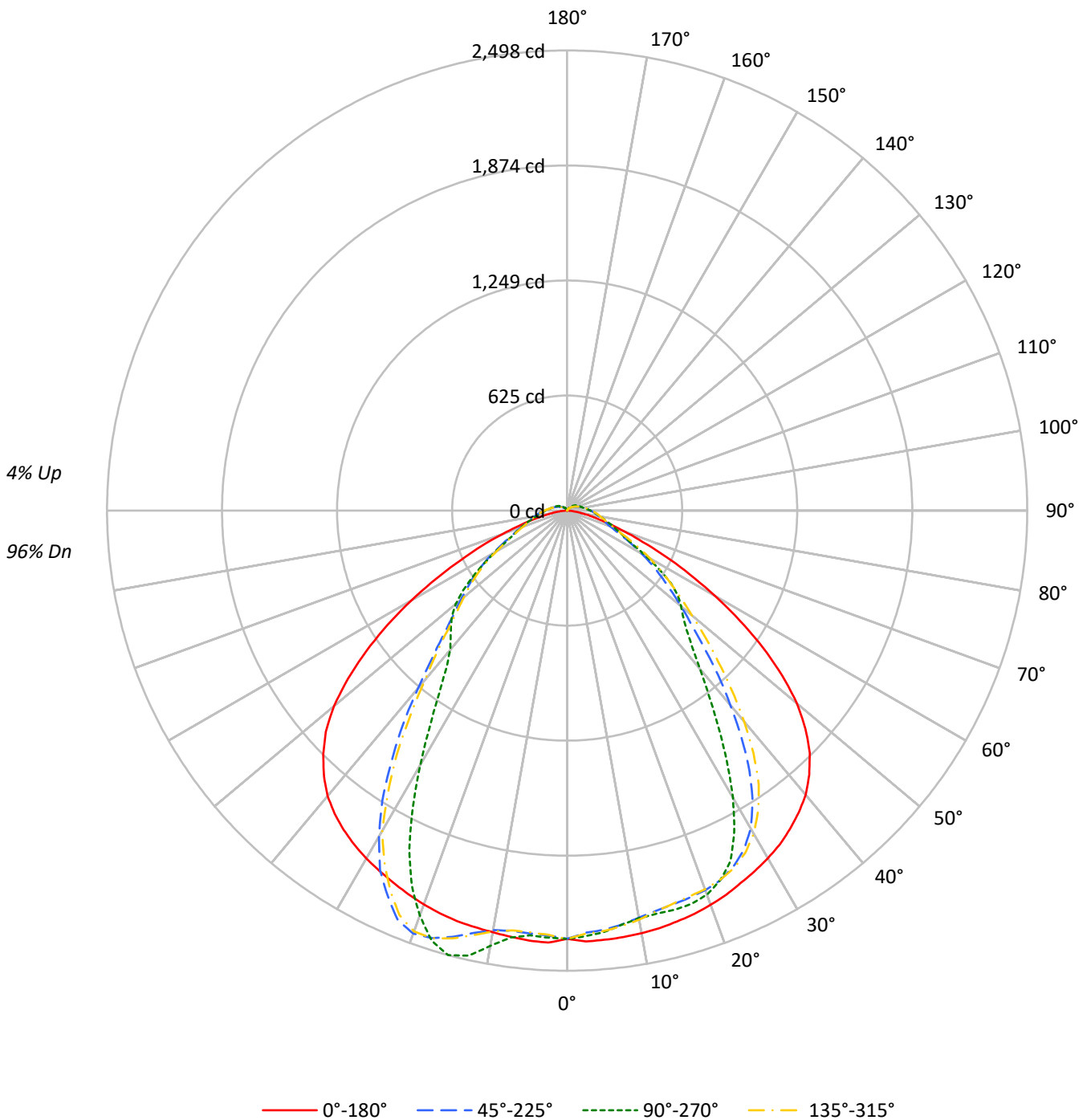
Input Watts (W): 44.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	150117	150117	150117	150117
5°	151073	110301	151383	111165
10°	151633	86384	151321	92248
15°	152665	72416	152585	80632
20°	154196	62090	154033	65451
25°	155929	52196	155845	50432
30°	158687	40555	158774	35928
35°	161601	29636	162060	25079
40°	164107	21679	164792	19099
45°	163279	16734	164121	16296
50°	155947	14056	158130	13743
55°	138059	11520	141503	10472
60°	111665	8021	117592	7354
65°	82696	5556	89093	5268
70°	55946	4310	63062	4122
75°	36301	3461	42261	3273
80°	23104	2828	27075	2602
85°	11444	2419	15059	2209



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.8	4.0
10°-20°	656.9	11.9
20°-30°	998.7	18.0
30°-40°	1071.4	19.3
40°-50°	929.8	16.8
50°-60°	689.1	12.4
60°-70°	394.8	7.1
70°-80°	218.6	3.9
80°-90°	133.2	2.4
90°-100°	86.6	1.6
100°-110°	58.0	1.0
110°-120°	39.1	0.7
120°-130°	24.0	0.4
130°-140°	12.6	0.2
140°-150°	5.8	0.1
150°-160°	1.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1876.4	33.9
0°-40°	2947.8	53.2
0°-60°	4566.7	82.4
0°-90°	5313.4	95.9
90°-120°	183.7	3.3
90°-150°	226.1	4.1
90°-180°	228.0	4.1
0°-180°	5541.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2324	2324	2324	2324	2324	
5°	2339	2297	2344	2315	2339	223
15°	2309	2244	2308	2498	2309	653
25°	2231	2099	2230	2028	2231	1031
35°	2110	1429	2116	1209	2110	1320
45°	1862	916	1872	892	1862	1426
55°	1299	687	1332	624	1299	1152
65°	590	348	635	330	590	594
75°	168	221	196	209	168	192
85°	23	152	30	139	23	30
90°	0	127	2	118	0	1
95°	1	104	0	100	1	1
105°	1	78	1	74	1	1
115°	1	64	1	58	1	1
125°	1	48	1	40	1	1
135°	1	30	1	25	1	1
145°	1	18	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°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2341.2	2335.2	2332.8	2328.0	2331.6	2346.0	2336.4	2320.8	2322.0	2294.4	2308.8
5°	2338.8	2331.6	2328.0	2323.2	2325.6	2338.8	2329.2	2313.6	2312.4	2284.8	2298.0
7.5°	2335.2	2328.0	2322.0	2318.4	2319.6	2330.4	2318.4	2300.4	2296.8	2266.8	2278.8
10°	2329.2	2324.4	2316.0	2310.0	2308.8	2320.8	2301.6	2283.6	2275.2	2243.9	2256.0
12.5°	2320.8	2313.6	2305.2	2294.4	2293.2	2300.4	2284.8	2259.6	2251.2	2225.9	2239.1
15°	2308.8	2300.4	2290.8	2278.8	2272.8	2277.6	2258.4	2235.5	2234.3	2212.7	2230.7
17.5°	2295.6	2283.6	2272.8	2256.0	2247.5	2251.2	2235.5	2215.1	2217.5	2204.3	2224.7
20°	2277.6	2264.4	2247.5	2230.7	2218.7	2224.7	2213.9	2198.3	2201.9	2192.3	2210.3
22.5°	2257.2	2239.1	2218.7	2199.5	2189.9	2198.3	2189.9	2176.7	2177.9	2171.9	2182.7
25°	2230.7	2210.3	2186.3	2162.3	2157.5	2163.5	2158.7	2147.9	2143.1	2133.5	2138.3
27.5°	2206.7	2183.9	2153.9	2128.7	2120.3	2132.3	2121.5	2103.5	2090.3	2077.1	2067.5
30°	2179.1	2151.5	2117.9	2089.1	2081.9	2086.7	2071.1	2043.4	2008.6	1991.8	1965.4
32.5°	2149.1	2113.1	2071.1	2038.6	2033.8	2030.2	2001.4	1961.8	1907.8	1874.2	1833.3
35°	2109.5	2069.9	2019.4	1979.8	1972.6	1952.2	1905.4	1852.5	1782.9	1725.3	1655.6
37.5°	2065.1	2018.2	1965.4	1912.6	1892.2	1851.3	1785.3	1730.1	1624.4	1554.8	1470.8
40°	2014.6	1958.2	1893.4	1829.7	1796.1	1730.1	1654.4	1572.8	1470.8	1377.1	1306.3
42.5°	1945.0	1885.0	1808.1	1737.3	1679.7	1592.0	1503.2	1387.9	1294.3	1215.0	1143.0
45°	1862.2	1790.1	1701.3	1616.0	1542.8	1438.3	1333.9	1218.6	1140.6	1048.1	998.9
47.5°	1755.3	1677.3	1582.4	1487.6	1391.5	1276.3	1167.0	1056.5	978.5	912.5	876.4
50°	1629.2	1557.2	1452.7	1339.9	1234.2	1114.2	1004.9	922.1	846.4	805.6	778.0
52.5°	1473.2	1405.9	1299.1	1176.6	1074.5	956.9	857.2	790.0	736.0	706.0	696.4
55°	1299.1	1240.2	1134.6	1020.5	916.1	808.0	732.4	673.5	638.7	620.7	621.9
57.5°	1113.0	1067.3	967.7	865.6	767.2	685.6	617.1	570.3	543.9	542.7	546.3
60°	926.9	893.3	806.8	719.2	632.7	566.7	516.3	483.8	467.0	468.2	467.0
62.5°	749.2	718.0	655.5	583.5	515.1	470.6	425.0	411.8	397.4	396.2	396.2
65°	589.5	565.5	515.1	463.4	411.8	383.0	360.2	344.6	333.8	331.4	332.6
67.5°	443.0	433.4	398.6	363.8	331.4	313.4	294.2	290.5	282.1	282.1	284.5
70°	330.2	323.0	303.8	283.3	270.1	258.1	248.5	248.5	247.3	246.1	252.1
72.5°	238.9	240.1	234.1	218.5	217.3	214.9	212.5	216.1	217.3	220.9	228.1
75°	168.1	171.7	171.7	169.3	174.1	180.1	183.7	189.7	196.9	201.7	210.1
77.5°	118.9	118.9	124.9	132.1	141.7	152.5	162.1	170.5	180.1	186.1	193.3
80°	76.8	80.4	90.0	103.3	116.5	130.9	144.1	154.9	164.5	174.1	178.9
82.5°	45.6	51.6	63.6	80.4	97.2	115.3	128.5	141.7	152.5	162.1	165.7
85°	22.8	31.2	45.6	63.6	81.6	100.9	117.7	129.7	141.7	150.1	154.9
87.5°	7.2	16.8	32.4	49.2	68.4	87.6	105.7	118.9	129.7	136.9	141.7
90°	0.0	8.4	22.8	40.8	58.8	78.0	94.8	109.3	120.1	126.1	129.7
92.5°	0.0	4.8	18.0	33.6	50.4	69.6	86.4	99.7	109.3	115.3	117.7
95°	1.2	3.6	13.2	27.6	44.4	62.4	78.0	90.0	99.7	105.7	106.9
97.5°	1.2	2.4	10.8	22.8	38.4	55.2	70.8	82.8	90.0	96.0	97.2
100°	1.2	2.4	8.4	20.4	33.6	49.2	63.6	74.4	82.8	87.6	88.8
102.5°	1.2	1.2	7.2	16.8	30.0	43.2	56.4	67.2	74.4	79.2	81.6
105°	1.2	1.2	6.0	14.4	26.4	38.4	50.4	61.2	67.2	72.0	74.4
107.5°	1.2	1.2	4.8	12.0	22.8	33.6	45.6	54.0	61.2	66.0	68.4
110°	1.2	1.2	3.6	10.8	19.2	30.0	39.6	48.0	55.2	60.0	62.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.2	1.2	3.6	9.6	16.8	26.4	34.8	43.2	49.2	54.0	57.6
115°	1.2	1.2	3.6	8.4	15.6	22.8	31.2	38.4	44.4	49.2	52.8
117.5°	1.2	1.2	3.6	7.2	13.2	20.4	27.6	34.8	39.6	44.4	48.0
120°	1.2	1.2	2.4	6.0	12.0	18.0	24.0	30.0	36.0	40.8	44.4
122.5°	1.2	1.2	2.4	6.0	9.6	15.6	21.6	26.4	32.4	36.0	39.6
125°	1.2	1.2	2.4	4.8	8.4	14.4	19.2	24.0	27.6	32.4	36.0
127.5°	1.2	1.2	2.4	4.8	7.2	12.0	16.8	21.6	25.2	28.8	31.2
130°	1.2	1.2	2.4	3.6	6.0	9.6	14.4	18.0	22.8	25.2	27.6
132.5°	1.2	1.2	1.2	3.6	4.8	7.2	10.8	15.6	19.2	22.8	24.0
135°	1.2	1.2	1.2	2.4	4.8	6.0	8.4	12.0	15.6	19.2	21.6
137.5°	1.2	1.2	1.2	2.4	3.6	6.0	7.2	9.6	13.2	15.6	19.2
140°	1.2	1.2	1.2	2.4	3.6	4.8	6.0	8.4	10.8	13.2	15.6
142.5°	1.2	1.2	1.2	2.4	2.4	3.6	4.8	7.2	8.4	10.8	13.2
145°	1.2	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.2	8.4	10.8
147.5°	1.2	1.2	1.2	2.4	2.4	2.4	3.6	4.8	6.0	7.2	8.4
150°	2.4	2.4	2.4	2.4	2.4	2.4	3.6	3.6	4.8	6.0	7.2
152.5°	2.4	2.4	2.4	2.4	2.4	2.4	3.6	3.6	3.6	4.8	6.0
155°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.6	3.6	4.8	4.8
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°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2304.0	2306.4	2320.8	2319.6	2317.2	2314.8	2314.8	2312.4	2314.8	2320.8	2318.4
5°	2292.0	2295.6	2306.4	2305.2	2302.8	2301.6	2300.4	2296.8	2299.2	2307.6	2305.2
7.5°	2270.4	2274.0	2283.6	2278.8	2275.2	2277.6	2271.6	2268.0	2272.8	2281.2	2280.0
10°	2247.5	2250.0	2262.0	2259.6	2253.6	2254.8	2248.7	2246.3	2252.4	2257.2	2258.4
12.5°	2231.9	2240.3	2251.2	2250.0	2248.7	2250.0	2243.9	2241.5	2245.1	2250.0	2248.7
15°	2228.3	2239.1	2251.2	2251.2	2252.4	2253.6	2247.5	2243.9	2247.5	2251.2	2250.0
17.5°	2224.7	2237.9	2248.7	2247.5	2248.7	2251.2	2241.5	2239.1	2243.9	2248.7	2246.3
20°	2212.7	2224.7	2231.9	2229.5	2229.5	2230.7	2218.7	2218.7	2225.9	2229.5	2230.7
22.5°	2179.1	2193.5	2193.5	2187.5	2187.5	2182.7	2179.1	2171.9	2180.3	2186.3	2191.1
25°	2128.7	2134.7	2127.5	2114.3	2107.1	2101.1	2084.3	2098.7	2098.7	2116.7	2122.7
27.5°	2057.9	2044.6	2024.2	1996.6	1990.6	1971.4	1960.6	1964.2	1970.2	1995.4	2014.6
30°	1941.4	1901.8	1867.0	1854.9	1828.5	1809.3	1790.1	1799.7	1810.5	1824.9	1864.6
32.5°	1787.7	1749.3	1692.9	1672.5	1644.8	1620.8	1598.0	1612.4	1631.6	1641.2	1684.5
35°	1611.2	1565.6	1514.0	1479.2	1450.3	1437.1	1408.3	1428.7	1449.1	1456.3	1493.6
37.5°	1423.9	1377.1	1331.5	1301.5	1273.9	1265.4	1246.2	1260.6	1276.3	1287.1	1318.3
40°	1246.2	1203.0	1168.2	1147.8	1128.6	1121.4	1114.2	1120.2	1132.2	1140.6	1164.6
42.5°	1093.8	1058.9	1034.9	1022.9	1009.7	1000.1	1001.3	1003.7	1009.7	1027.7	1038.5
45°	960.5	940.1	924.5	922.1	913.7	912.5	911.3	916.1	919.7	930.5	938.9
47.5°	853.6	845.2	841.6	846.4	850.0	845.2	847.6	853.6	860.8	860.8	859.6
50°	769.6	772.0	776.8	787.6	794.8	797.2	799.6	806.8	808.0	810.4	806.8
52.5°	701.2	703.6	716.8	733.6	742.0	745.6	750.4	757.6	757.6	760.0	755.2
55°	631.5	635.1	648.3	665.1	672.3	677.1	681.9	686.8	690.4	695.2	691.6
57.5°	554.7	565.5	573.9	578.7	583.5	587.1	590.7	591.9	599.1	600.3	606.3
60°	473.0	475.4	483.8	482.6	479.0	488.6	483.8	492.3	500.7	511.5	512.7
62.5°	395.0	396.2	402.2	399.8	404.6	403.4	407.0	407.0	413.0	417.8	423.8
65°	333.8	335.0	339.8	339.8	338.6	342.2	345.8	348.2	348.2	351.8	356.6
67.5°	288.1	291.7	296.6	299.0	301.4	301.4	305.0	306.2	308.6	309.8	312.2
70°	256.9	261.7	266.5	268.9	270.1	272.5	273.7	273.7	276.1	277.3	279.7
72.5°	234.1	238.9	242.5	242.5	244.9	246.1	246.1	247.3	248.5	250.9	253.3
75°	214.9	218.5	220.9	219.7	219.7	219.7	220.9	220.9	223.3	225.7	228.1
77.5°	196.9	200.5	200.5	198.1	198.1	198.1	198.1	199.3	200.5	202.9	205.3
80°	183.7	183.7	182.5	182.5	180.1	178.9	178.9	180.1	180.1	182.5	186.1
82.5°	169.3	169.3	168.1	166.9	165.7	164.5	164.5	165.7	166.9	168.1	170.5
85°	156.1	156.1	153.7	153.7	152.5	152.5	152.5	152.5	153.7	154.9	157.3
87.5°	142.9	141.7	140.5	139.3	139.3	139.3	139.3	139.3	140.5	142.9	144.1
90°	129.7	128.5	127.3	127.3	126.1	126.1	127.3	127.3	128.5	129.7	130.9
92.5°	117.7	116.5	115.3	115.3	114.1	114.1	115.3	114.1	116.5	116.5	117.7
95°	106.9	105.7	104.5	104.5	104.5	104.5	104.5	104.5	105.7	105.7	106.9
97.5°	97.2	96.0	94.8	94.8	96.0	94.8	96.0	96.0	96.0	97.2	98.5
100°	88.8	87.6	87.6	88.8	87.6	87.6	88.8	88.8	88.8	88.8	90.0
102.5°	81.6	81.6	81.6	81.6	81.6	81.6	82.8	82.8	82.8	82.8	84.0
105°	74.4	75.6	75.6	75.6	76.8	76.8	76.8	78.0	78.0	78.0	78.0
107.5°	69.6	70.8	70.8	72.0	72.0	73.2	73.2	73.2	73.2	74.4	74.4
110°	64.8	66.0	67.2	68.4	68.4	69.6	69.6	69.6	69.6	69.6	69.6



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	60.0	61.2	62.4	64.8	66.0	66.0	66.0	66.0	67.2	67.2	66.0
115°	55.2	57.6	58.8	61.2	62.4	62.4	63.6	63.6	63.6	63.6	62.4
117.5°	50.4	54.0	55.2	57.6	58.8	58.8	60.0	60.0	60.0	60.0	58.8
120°	46.8	49.2	51.6	52.8	54.0	55.2	55.2	56.4	56.4	56.4	55.2
122.5°	43.2	45.6	48.0	49.2	50.4	51.6	51.6	51.6	51.6	51.6	51.6
125°	38.4	40.8	43.2	44.4	45.6	46.8	46.8	48.0	48.0	48.0	46.8
127.5°	34.8	37.2	38.4	40.8	42.0	42.0	43.2	43.2	43.2	43.2	42.0
130°	30.0	32.4	34.8	36.0	37.2	37.2	38.4	38.4	38.4	38.4	38.4
132.5°	26.4	28.8	30.0	32.4	32.4	33.6	33.6	34.8	34.8	34.8	33.6
135°	24.0	25.2	26.4	28.8	28.8	30.0	30.0	30.0	30.0	30.0	30.0
137.5°	21.6	22.8	24.0	25.2	25.2	26.4	26.4	26.4	26.4	27.6	26.4
140°	18.0	20.4	21.6	21.6	22.8	22.8	22.8	24.0	24.0	24.0	22.8
142.5°	15.6	16.8	18.0	19.2	20.4	20.4	20.4	20.4	21.6	20.4	20.4
145°	12.0	14.4	15.6	16.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0
147.5°	9.6	10.8	13.2	14.4	14.4	15.6	15.6	15.6	15.6	15.6	15.6
150°	8.4	8.4	10.8	12.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2
152.5°	6.0	7.2	8.4	9.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
155°	6.0	6.0	7.2	7.2	8.4	8.4	8.4	8.4	9.6	8.4	8.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2314.8	2313.6	2318.4	2313.6	2289.6	2299.2	2295.6	2308.8	2310.0	2313.6	2325.6
5°	2302.8	2302.8	2308.8	2304.0	2281.2	2290.8	2289.6	2302.8	2305.2	2307.6	2320.8
7.5°	2278.8	2280.0	2288.4	2284.8	2260.8	2275.2	2274.0	2289.6	2294.4	2299.2	2311.2
10°	2256.0	2254.8	2264.4	2260.8	2237.9	2254.8	2253.6	2269.2	2276.4	2284.8	2299.2
12.5°	2243.9	2240.3	2243.9	2240.3	2215.1	2228.3	2229.5	2247.5	2256.0	2266.8	2283.6
15°	2243.9	2237.9	2237.9	2230.7	2201.9	2210.3	2211.5	2223.5	2234.3	2245.1	2265.6
17.5°	2241.5	2235.5	2234.3	2228.3	2197.1	2197.1	2195.9	2204.3	2210.3	2221.1	2242.7
20°	2228.3	2225.9	2224.7	2221.1	2192.3	2187.5	2185.1	2185.1	2188.7	2192.3	2213.9
22.5°	2193.5	2195.9	2198.3	2200.7	2177.9	2169.5	2170.7	2168.3	2164.7	2164.7	2182.7
25°	2128.7	2140.7	2150.3	2161.1	2147.9	2141.9	2149.1	2145.5	2139.5	2134.7	2150.3
27.5°	2025.4	2050.6	2071.1	2097.5	2098.7	2093.9	2113.1	2110.7	2109.5	2102.3	2114.3
30°	1882.6	1922.2	1949.8	1988.2	2020.6	2025.4	2057.9	2062.7	2067.5	2063.9	2075.9
32.5°	1709.7	1763.7	1810.5	1870.6	1901.8	1929.4	1975.0	1994.2	2013.4	2019.4	2032.6
35°	1521.2	1582.4	1637.6	1703.7	1752.9	1812.9	1868.2	1897.0	1940.2	1957.0	1976.2
37.5°	1342.3	1399.9	1453.9	1520.0	1599.2	1661.6	1730.1	1794.9	1853.7	1877.8	1906.6
40°	1183.8	1230.6	1282.3	1339.9	1411.9	1493.6	1568.0	1658.0	1727.7	1775.7	1817.7
42.5°	1063.7	1086.6	1131.0	1182.6	1240.2	1323.1	1398.7	1499.6	1583.6	1652.0	1721.7
45°	956.9	967.7	1000.1	1027.7	1086.6	1159.8	1240.2	1338.7	1426.3	1514.0	1598.0
47.5°	865.6	878.8	894.5	911.3	953.3	1014.5	1084.2	1173.0	1260.6	1362.7	1458.7
50°	804.4	808.0	810.4	817.6	842.8	884.9	941.3	1016.9	1101.0	1210.2	1312.3
52.5°	750.4	750.4	743.2	739.6	749.2	775.6	808.0	862.0	948.5	1049.3	1157.4
55°	692.8	681.9	679.5	667.5	669.9	681.9	697.6	739.6	810.4	896.9	1001.3
57.5°	612.3	607.5	607.5	602.7	593.1	599.1	602.7	632.7	683.1	757.6	848.8
60°	519.9	517.5	523.5	524.7	516.3	519.9	518.7	536.7	572.7	632.7	708.4
62.5°	427.4	438.2	439.4	444.2	439.4	438.2	444.2	459.8	477.8	523.5	582.3
65°	359.0	365.0	366.2	372.2	369.8	369.8	374.6	386.6	397.4	428.6	474.2
67.5°	314.6	312.2	313.4	317.0	313.4	312.2	315.8	323.0	331.4	350.6	383.0
70°	279.7	277.3	277.3	277.3	272.5	268.9	270.1	272.5	276.1	286.9	307.4
72.5°	253.3	253.3	249.7	246.1	242.5	240.1	237.7	235.3	234.1	237.7	248.5
75°	229.3	230.5	229.3	225.7	220.9	216.1	211.3	206.5	200.5	198.1	199.3
77.5°	207.7	208.9	210.1	208.9	204.1	198.1	190.9	183.7	175.3	166.9	162.1
80°	188.5	190.9	192.1	190.9	187.3	182.5	174.1	165.7	153.7	142.9	130.9
82.5°	171.7	175.3	176.5	176.5	174.1	169.3	159.7	150.1	136.9	122.5	106.9
85°	158.5	160.9	163.3	163.3	162.1	157.3	147.7	136.9	123.7	106.9	90.0
87.5°	145.3	146.5	148.9	151.3	148.9	144.1	135.7	123.7	110.5	93.6	74.4
90°	132.1	133.3	135.7	138.1	136.9	132.1	124.9	114.1	99.7	81.6	62.4
92.5°	118.9	121.3	122.5	123.7	124.9	121.3	115.3	104.5	90.0	72.0	54.0
95°	109.3	109.3	111.7	112.9	114.1	110.5	105.7	94.8	81.6	64.8	46.8
97.5°	99.7	99.7	102.1	102.1	103.3	100.9	96.0	86.4	73.2	57.6	39.6
100°	90.0	91.2	92.4	93.6	93.6	92.4	87.6	78.0	66.0	51.6	34.8
102.5°	84.0	84.0	85.2	85.2	86.4	84.0	79.2	70.8	58.8	45.6	30.0
105°	78.0	78.0	79.2	79.2	78.0	75.6	70.8	63.6	52.8	39.6	26.4
107.5°	73.2	73.2	73.2	73.2	72.0	69.6	64.8	56.4	46.8	36.0	24.0
110°	69.6	68.4	68.4	67.2	66.0	62.4	57.6	50.4	42.0	31.2	20.4



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	66.0	64.8	63.6	62.4	60.0	56.4	51.6	45.6	37.2	27.6	18.0
115°	62.4	61.2	60.0	57.6	55.2	51.6	46.8	40.8	32.4	24.0	15.6
117.5°	58.8	57.6	55.2	52.8	50.4	46.8	42.0	36.0	28.8	21.6	14.4
120°	54.0	52.8	51.6	49.2	46.8	42.0	37.2	32.4	25.2	19.2	12.0
122.5°	50.4	49.2	46.8	45.6	42.0	38.4	33.6	28.8	22.8	16.8	10.8
125°	45.6	44.4	43.2	40.8	38.4	33.6	30.0	25.2	20.4	14.4	8.4
127.5°	42.0	40.8	38.4	36.0	33.6	30.0	26.4	22.8	18.0	12.0	8.4
130°	37.2	36.0	34.8	32.4	30.0	26.4	24.0	19.2	15.6	10.8	7.2
132.5°	32.4	32.4	31.2	28.8	26.4	24.0	20.4	16.8	13.2	9.6	6.0
135°	30.0	28.8	27.6	25.2	24.0	20.4	18.0	14.4	10.8	8.4	4.8
137.5°	26.4	25.2	24.0	22.8	20.4	18.0	15.6	12.0	9.6	7.2	4.8
140°	22.8	21.6	21.6	19.2	18.0	15.6	13.2	10.8	8.4	6.0	3.6
142.5°	20.4	19.2	18.0	16.8	15.6	13.2	10.8	8.4	7.2	4.8	3.6
145°	18.0	16.8	15.6	14.4	13.2	10.8	9.6	7.2	6.0	4.8	3.6
147.5°	14.4	14.4	13.2	12.0	10.8	9.6	8.4	7.2	4.8	3.6	2.4
150°	12.0	12.0	10.8	9.6	9.6	8.4	7.2	6.0	4.8	3.6	2.4
152.5°	10.8	9.6	9.6	8.4	8.4	7.2	6.0	4.8	3.6	3.6	2.4
155°	8.4	8.4	8.4	7.2	7.2	6.0	4.8	4.8	3.6	2.4	2.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2328.0	2313.6	2325.6	2347.2	2344.8	2342.4	2340.0	2344.8	2360.4	2352.0	2338.8
5°	2324.4	2310.0	2323.2	2343.6	2342.4	2338.8	2336.4	2341.2	2356.8	2348.4	2334.0
7.5°	2317.2	2304.0	2313.6	2334.0	2334.0	2331.6	2329.2	2334.0	2348.4	2341.2	2326.8
10°	2305.2	2295.6	2305.2	2324.4	2325.6	2320.8	2318.4	2324.4	2338.8	2335.2	2323.2
12.5°	2295.6	2286.0	2296.8	2316.0	2317.2	2312.4	2308.8	2316.0	2335.2	2337.6	2334.0
15°	2282.4	2274.0	2287.2	2307.6	2307.6	2304.0	2304.0	2313.6	2340.0	2350.8	2356.8
17.5°	2263.2	2257.2	2272.8	2293.2	2294.4	2292.0	2293.2	2312.4	2347.2	2373.6	2390.4
20°	2239.1	2236.7	2253.6	2275.2	2278.8	2280.0	2286.0	2314.8	2362.8	2398.8	2415.6
22.5°	2210.3	2211.5	2230.7	2253.6	2258.4	2262.0	2274.0	2314.8	2374.8	2413.2	2420.4
25°	2177.9	2181.5	2201.9	2229.5	2235.5	2242.7	2263.2	2316.0	2378.4	2403.6	2391.6
27.5°	2143.1	2150.3	2176.7	2205.5	2212.7	2224.7	2251.2	2308.8	2361.6	2362.8	2318.4
30°	2107.1	2115.5	2146.7	2180.3	2192.3	2204.3	2236.7	2292.0	2320.8	2282.4	2204.3
32.5°	2066.3	2078.3	2109.5	2150.3	2164.7	2180.3	2212.7	2259.6	2248.7	2165.9	2054.3
35°	2014.6	2031.4	2067.5	2115.5	2128.7	2149.1	2171.9	2182.7	2134.7	2017.0	1891.0
37.5°	1951.0	1976.2	2018.2	2073.5	2087.9	2101.1	2107.1	2077.1	1981.0	1853.7	1722.9
40°	1877.8	1916.2	1961.8	2023.0	2037.4	2037.4	2015.8	1952.2	1830.9	1664.1	1518.8
42.5°	1788.9	1835.7	1893.4	1954.6	1969.0	1952.2	1900.6	1788.9	1650.8	1464.7	1311.1
45°	1680.9	1743.3	1808.1	1871.8	1879.0	1841.7	1749.3	1607.6	1437.1	1264.2	1117.8
47.5°	1552.4	1634.0	1704.9	1776.9	1767.3	1704.9	1581.2	1420.3	1240.2	1077.0	959.3
50°	1408.3	1504.4	1583.6	1652.0	1631.6	1545.2	1399.9	1231.8	1052.9	913.7	816.4
52.5°	1254.6	1365.1	1444.3	1499.6	1472.0	1368.7	1209.0	1048.1	901.7	774.4	709.6
55°	1095.0	1206.6	1288.3	1331.5	1295.5	1183.8	1026.5	880.1	742.0	659.1	620.7
57.5°	940.1	1044.5	1121.4	1156.2	1110.6	998.9	853.6	730.0	630.3	560.7	541.5
60°	791.2	876.4	949.7	976.1	926.9	823.6	698.8	600.3	527.1	479.0	469.4
62.5°	653.1	722.8	780.4	800.8	752.8	672.3	564.3	491.1	439.4	415.4	403.4
65°	539.1	579.9	638.7	635.1	606.3	531.9	452.6	401.0	367.4	351.8	344.6
67.5°	423.8	461.0	498.3	503.1	467.0	415.4	363.8	326.6	308.6	300.2	296.6
70°	327.8	355.4	378.2	372.2	353.0	320.6	288.1	267.7	260.5	256.9	256.9
72.5°	254.5	268.9	279.7	272.5	260.5	243.7	228.1	219.7	220.9	223.3	225.7
75°	196.9	200.5	202.9	195.7	193.3	182.5	181.3	182.5	189.7	196.9	200.5
77.5°	151.3	146.5	142.9	135.7	136.9	135.7	141.7	151.3	162.1	172.9	182.5
80°	116.5	105.7	97.2	90.0	93.6	99.7	111.7	126.1	140.5	152.5	164.5
82.5°	90.0	74.4	62.4	55.2	62.4	72.0	87.6	105.7	122.5	135.7	148.9
85°	69.6	51.6	37.2	30.0	37.2	51.6	68.4	88.8	106.9	121.3	134.5
87.5°	54.0	37.2	20.4	12.0	20.4	36.0	55.2	74.4	92.4	109.3	122.5
90°	43.2	25.2	9.6	2.4	10.8	25.2	43.2	62.4	80.4	98.5	111.7
92.5°	34.8	18.0	4.8	0.0	6.0	19.2	36.0	54.0	72.0	88.8	102.1
95°	28.8	14.4	3.6	0.0	4.8	14.4	28.8	46.8	63.6	80.4	91.2
97.5°	24.0	10.8	2.4	0.0	2.4	12.0	24.0	39.6	56.4	72.0	82.8
100°	20.4	9.6	2.4	0.0	2.4	9.6	20.4	34.8	49.2	63.6	74.4
102.5°	16.8	7.2	1.2	1.2	1.2	7.2	18.0	30.0	43.2	56.4	67.2
105°	15.6	6.0	1.2	1.2	1.2	6.0	15.6	26.4	38.4	50.4	60.0
107.5°	13.2	4.8	1.2	1.2	1.2	4.8	13.2	22.8	34.8	45.6	54.0
110°	10.8	4.8	1.2	1.2	1.2	4.8	10.8	20.4	30.0	39.6	48.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	9.6	3.6	1.2	1.2	1.2	3.6	9.6	18.0	26.4	36.0	43.2
115°	8.4	3.6	1.2	1.2	1.2	3.6	8.4	15.6	22.8	31.2	38.4
117.5°	7.2	3.6	1.2	1.2	1.2	2.4	7.2	13.2	20.4	27.6	34.8
120°	6.0	2.4	1.2	1.2	1.2	2.4	6.0	12.0	18.0	24.0	30.0
122.5°	6.0	2.4	1.2	1.2	1.2	2.4	4.8	9.6	15.6	20.4	26.4
125°	4.8	2.4	1.2	1.2	1.2	1.2	4.8	8.4	13.2	18.0	22.8
127.5°	4.8	2.4	1.2	1.2	1.2	1.2	3.6	7.2	10.8	15.6	20.4
130°	3.6	2.4	1.2	1.2	1.2	1.2	2.4	6.0	9.6	13.2	16.8
132.5°	3.6	2.4	1.2	1.2	1.2	1.2	2.4	4.8	7.2	10.8	14.4
135°	3.6	1.2	1.2	1.2	1.2	1.2	1.2	3.6	6.0	8.4	10.8
137.5°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	2.4	4.8	6.0	9.6
140°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	2.4	3.6	4.8	7.2
142.5°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	3.6	6.0
145°	2.4	1.2	1.2	2.4	2.4	1.2	1.2	2.4	2.4	3.6	4.8
147.5°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	2.4	3.6
150°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.6
152.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
155°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2336.4	2308.8	2323.2	2318.4	2323.2	2335.2	2334.0	2330.4	2330.4	2326.8	2320.8
5°	2331.6	2304.0	2318.4	2312.4	2318.4	2330.4	2328.0	2324.4	2324.4	2320.8	2314.8
7.5°	2325.6	2300.4	2317.2	2316.0	2326.8	2342.4	2343.6	2343.6	2343.6	2341.2	2336.4
10°	2325.6	2312.4	2335.2	2343.6	2371.2	2391.6	2394.0	2398.8	2398.8	2410.8	2398.8
12.5°	2350.8	2348.4	2382.0	2402.4	2427.6	2456.5	2472.1	2476.9	2476.9	2486.5	2479.3
15°	2383.2	2395.2	2432.4	2455.3	2482.9	2504.5	2508.1	2510.5	2510.5	2517.7	2506.9
17.5°	2426.4	2433.6	2463.7	2473.3	2491.3	2494.9	2490.1	2478.1	2478.1	2454.1	2446.9
20°	2446.9	2443.2	2455.3	2439.6	2432.4	2410.8	2390.4	2367.6	2367.6	2341.2	2338.8
22.5°	2428.8	2404.8	2379.6	2341.2	2324.4	2293.2	2265.6	2252.4	2252.4	2211.5	2203.1
25°	2365.2	2306.4	2269.2	2223.5	2182.7	2146.7	2120.3	2092.7	2092.7	2039.8	2027.8
27.5°	2254.8	2199.5	2139.5	2075.9	2019.4	1964.2	1919.8	1892.2	1892.2	1832.1	1814.1
30°	2119.1	2042.2	1976.2	1915.0	1822.5	1755.3	1718.1	1662.9	1662.9	1628.0	1594.4
32.5°	1959.4	1867.0	1776.9	1694.1	1599.2	1536.8	1487.6	1446.7	1446.7	1393.9	1384.3
35°	1782.9	1661.6	1559.6	1478.0	1409.5	1333.9	1293.1	1265.4	1265.4	1213.8	1209.0
37.5°	1575.2	1465.9	1350.7	1278.7	1224.6	1159.8	1128.6	1109.4	1109.4	1078.2	1074.5
40°	1366.3	1257.0	1177.8	1105.8	1072.1	1037.3	1014.5	1006.1	1006.1	994.1	986.9
42.5°	1176.6	1080.6	1024.1	976.1	961.7	944.9	938.9	943.7	938.9	936.5	935.3
45°	1015.7	942.5	902.9	888.5	884.9	880.1	884.9	893.3	894.5	892.1	892.1
47.5°	869.2	834.4	817.6	820.0	826.0	829.6	838.0	848.8	851.2	845.2	847.6
50°	773.2	752.8	749.2	758.8	772.0	776.8	786.4	794.8	793.6	791.2	788.8
52.5°	683.1	677.1	686.8	696.4	710.8	713.2	716.8	720.4	719.2	714.4	712.0
55°	607.5	612.3	620.7	624.3	635.1	633.9	635.1	635.1	630.3	627.9	624.3
57.5°	539.1	540.3	545.1	546.3	552.3	549.9	548.7	546.3	539.1	537.9	534.3
60°	469.4	467.0	477.8	469.4	474.2	469.4	468.2	462.2	455.0	453.8	451.4
62.5°	403.4	398.6	405.8	402.2	404.6	399.8	397.4	390.2	384.2	383.0	381.8
65°	344.6	342.2	349.4	348.2	350.6	344.6	342.2	337.4	332.6	331.4	330.2
67.5°	295.4	301.4	305.0	305.0	307.4	306.2	300.2	299.0	297.8	292.9	292.9
70°	259.3	262.9	270.1	271.3	270.1	272.5	267.7	266.5	265.3	262.9	261.7
72.5°	230.5	235.3	242.5	243.7	242.5	242.5	240.1	238.9	238.9	235.3	235.3
75°	207.7	213.7	219.7	219.7	219.7	217.3	214.9	214.9	212.5	211.3	208.9
77.5°	188.5	195.7	200.5	199.3	198.1	195.7	195.7	192.1	188.5	188.5	186.1
80°	174.1	178.9	182.5	181.3	180.1	176.5	175.3	171.7	169.3	165.7	165.7
82.5°	158.5	164.5	166.9	165.7	163.3	159.7	158.5	156.1	153.7	152.5	150.1
85°	145.3	151.3	152.5	150.1	147.7	145.3	144.1	142.9	141.7	139.3	139.3
87.5°	132.1	138.1	138.1	136.9	134.5	133.3	132.1	130.9	129.7	128.5	127.3
90°	121.3	126.1	126.1	124.9	123.7	122.5	121.3	120.1	118.9	117.7	117.7
92.5°	110.5	115.3	115.3	114.1	112.9	111.7	111.7	110.5	109.3	108.1	106.9
95°	100.9	105.7	105.7	105.7	104.5	103.3	103.3	102.1	100.9	100.9	99.7
97.5°	91.2	96.0	96.0	96.0	94.8	93.6	93.6	92.4	92.4	92.4	91.2
100°	82.8	86.4	87.6	87.6	86.4	86.4	86.4	85.2	85.2	85.2	84.0
102.5°	74.4	78.0	80.4	80.4	80.4	79.2	79.2	79.2	79.2	79.2	78.0
105°	67.2	70.8	73.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
107.5°	61.2	64.8	67.2	68.4	69.6	69.6	70.8	70.8	70.8	70.8	70.8
110°	55.2	58.8	62.4	63.6	64.8	66.0	66.0	67.2	66.0	66.0	66.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	49.2	54.0	56.4	58.8	60.0	61.2	62.4	62.4	62.4	62.4	62.4
115°	44.4	49.2	51.6	54.0	56.4	57.6	57.6	58.8	58.8	58.8	57.6
117.5°	39.6	44.4	46.8	49.2	50.4	52.8	54.0	54.0	54.0	54.0	52.8
120°	36.0	39.6	42.0	44.4	46.8	48.0	49.2	49.2	49.2	49.2	49.2
122.5°	31.2	34.8	38.4	40.8	42.0	43.2	44.4	44.4	44.4	44.4	44.4
125°	27.6	31.2	33.6	36.0	37.2	39.6	39.6	39.6	39.6	39.6	39.6
127.5°	24.0	27.6	30.0	32.4	33.6	34.8	36.0	36.0	36.0	36.0	36.0
130°	20.4	24.0	26.4	28.8	30.0	31.2	31.2	32.4	32.4	32.4	32.4
132.5°	18.0	20.4	22.8	25.2	26.4	27.6	27.6	28.8	28.8	28.8	28.8
135°	14.4	18.0	19.2	21.6	22.8	24.0	24.0	25.2	25.2	25.2	25.2
137.5°	12.0	14.4	16.8	19.2	20.4	20.4	21.6	21.6	22.8	22.8	22.8
140°	9.6	10.8	14.4	15.6	16.8	18.0	19.2	19.2	19.2	19.2	19.2
142.5°	7.2	9.6	10.8	13.2	14.4	15.6	16.8	16.8	16.8	16.8	16.8
145°	6.0	7.2	8.4	10.8	12.0	13.2	14.4	14.4	14.4	14.4	14.4
147.5°	4.8	6.0	7.2	8.4	9.6	10.8	12.0	12.0	12.0	12.0	12.0
150°	3.6	4.8	6.0	6.0	7.2	8.4	9.6	10.8	10.8	10.8	10.8
152.5°	3.6	3.6	4.8	4.8	6.0	7.2	8.4	8.4	8.4	8.4	8.4
155°	2.4	3.6	3.6	3.6	4.8	4.8	6.0	7.2	7.2	7.2	7.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2324.4	2329.2	2326.8	2323.2	2322.0	2328.0	2322.0	2294.4	2305.2	2306.4	2314.8
5°	2320.8	2324.4	2322.0	2319.6	2316.0	2323.2	2316.0	2287.2	2298.0	2299.2	2307.6
7.5°	2344.8	2346.0	2346.0	2340.0	2330.4	2334.0	2324.4	2292.0	2298.0	2298.0	2304.0
10°	2404.8	2407.2	2410.8	2395.2	2383.2	2373.6	2360.4	2320.8	2319.6	2310.0	2310.0
12.5°	2482.9	2476.9	2470.9	2463.7	2454.1	2442.0	2422.8	2376.0	2360.4	2344.8	2329.2
15°	2505.7	2503.3	2502.1	2498.5	2492.5	2488.9	2474.5	2427.6	2404.8	2385.6	2358.0
17.5°	2445.7	2450.5	2466.1	2467.3	2474.5	2488.9	2486.5	2454.1	2433.6	2425.2	2391.6
20°	2337.6	2338.8	2358.0	2366.4	2397.6	2421.6	2439.6	2436.0	2431.2	2440.8	2415.6
22.5°	2207.9	2216.3	2236.7	2250.0	2280.0	2307.6	2336.4	2352.0	2377.2	2416.8	2412.0
25°	2031.4	2042.2	2071.1	2092.7	2134.7	2176.7	2215.1	2242.7	2272.8	2348.4	2373.6
27.5°	1820.1	1836.9	1874.2	1895.8	1954.6	1997.8	2053.0	2107.1	2149.1	2235.5	2287.2
30°	1598.0	1612.4	1652.0	1682.1	1732.5	1791.3	1861.0	1937.8	2007.4	2095.1	2159.9
32.5°	1390.3	1405.9	1438.3	1464.7	1521.2	1570.4	1647.2	1742.1	1806.9	1928.2	2014.6
35°	1209.0	1223.4	1246.2	1269.0	1315.9	1366.3	1432.3	1524.8	1607.6	1733.7	1842.9
37.5°	1081.8	1084.2	1097.4	1110.6	1145.4	1183.8	1235.4	1317.1	1393.9	1529.6	1649.6
40°	990.5	990.5	997.7	1001.3	1016.9	1039.7	1072.1	1135.8	1199.4	1302.7	1449.1
42.5°	934.1	931.7	931.7	932.9	931.7	942.5	961.7	991.7	1048.1	1133.4	1247.4
45°	892.1	887.3	883.7	875.2	870.4	870.4	871.6	882.5	914.9	970.1	1062.5
47.5°	845.2	844.0	838.0	828.4	820.0	814.0	804.4	800.8	810.4	841.6	904.1
50°	791.2	785.2	779.2	772.0	762.4	756.4	738.4	739.6	731.2	745.6	778.0
52.5°	712.0	707.2	704.8	698.8	695.2	692.8	678.3	663.9	660.3	662.7	674.7
55°	624.3	626.7	617.1	621.9	620.7	609.9	603.9	593.1	589.5	588.3	594.3
57.5°	533.1	535.5	529.5	534.3	534.3	528.3	524.7	524.7	516.3	509.1	517.5
60°	450.2	445.4	449.0	455.0	455.0	451.4	449.0	449.0	443.0	440.6	446.6
62.5°	383.0	378.2	381.8	387.8	389.0	386.6	384.2	384.2	377.0	377.0	381.8
65°	331.4	332.6	331.4	336.2	336.2	337.4	335.0	332.6	324.2	327.8	326.6
67.5°	294.2	292.9	292.9	297.8	296.6	299.0	296.6	292.9	286.9	282.1	280.9
70°	262.9	261.7	261.7	264.1	265.3	265.3	264.1	261.7	253.3	248.5	244.9
72.5°	235.3	234.1	235.3	236.5	237.7	238.9	237.7	235.3	228.1	222.1	216.1
75°	210.1	208.9	212.5	212.5	213.7	213.7	214.9	213.7	207.7	200.5	193.3
77.5°	184.9	186.1	189.7	190.9	193.3	194.5	195.7	195.7	189.7	183.7	174.1
80°	164.5	166.9	169.3	170.5	172.9	176.5	177.7	178.9	174.1	168.1	157.3
82.5°	150.1	151.3	153.7	154.9	158.5	159.7	160.9	163.3	160.9	154.9	142.9
85°	138.1	139.3	141.7	141.7	144.1	146.5	147.7	148.9	147.7	141.7	129.7
87.5°	127.3	128.5	129.7	130.9	132.1	133.3	134.5	135.7	134.5	128.5	117.7
90°	117.7	117.7	118.9	118.9	120.1	121.3	123.7	123.7	122.5	117.7	106.9
92.5°	106.9	108.1	108.1	109.3	110.5	111.7	112.9	112.9	111.7	106.9	97.2
95°	99.7	99.7	100.9	100.9	102.1	102.1	103.3	103.3	102.1	97.2	87.6
97.5°	91.2	91.2	91.2	91.2	92.4	92.4	93.6	93.6	92.4	87.6	79.2
100°	84.0	84.0	84.0	84.0	84.0	85.2	85.2	85.2	84.0	79.2	70.8
102.5°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	75.6	72.0	63.6
105°	74.4	74.4	74.4	73.2	73.2	73.2	72.0	72.0	68.4	64.8	57.6
107.5°	69.6	69.6	69.6	68.4	68.4	67.2	66.0	66.0	62.4	58.8	51.6
110°	66.0	66.0	66.0	64.8	63.6	62.4	61.2	60.0	56.4	51.6	45.6



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	62.4	62.4	61.2	61.2	60.0	58.8	56.4	55.2	51.6	46.8	40.8
115°	57.6	57.6	57.6	56.4	55.2	54.0	52.8	50.4	46.8	42.0	36.0
117.5°	52.8	52.8	52.8	51.6	50.4	49.2	48.0	45.6	42.0	37.2	32.4
120°	48.0	48.0	48.0	46.8	45.6	44.4	43.2	40.8	37.2	33.6	27.6
122.5°	44.4	44.4	43.2	42.0	40.8	39.6	38.4	36.0	33.6	28.8	24.0
125°	39.6	39.6	38.4	38.4	37.2	36.0	34.8	32.4	28.8	25.2	21.6
127.5°	36.0	34.8	34.8	34.8	33.6	32.4	30.0	28.8	25.2	21.6	18.0
130°	31.2	31.2	31.2	30.0	30.0	28.8	26.4	24.0	21.6	19.2	15.6
132.5°	27.6	27.6	27.6	27.6	26.4	25.2	22.8	21.6	19.2	15.6	13.2
135°	25.2	25.2	24.0	24.0	22.8	21.6	20.4	18.0	15.6	13.2	10.8
137.5°	21.6	21.6	21.6	20.4	20.4	19.2	16.8	15.6	14.4	12.0	9.6
140°	19.2	19.2	18.0	18.0	16.8	16.8	15.6	13.2	12.0	9.6	8.4
142.5°	16.8	16.8	15.6	15.6	14.4	14.4	13.2	12.0	9.6	8.4	6.0
145°	14.4	14.4	13.2	13.2	13.2	12.0	10.8	9.6	8.4	7.2	6.0
147.5°	12.0	12.0	12.0	10.8	10.8	9.6	9.6	8.4	7.2	6.0	4.8
150°	10.8	10.8	9.6	9.6	9.6	8.4	7.2	7.2	6.0	4.8	3.6
152.5°	8.4	8.4	8.4	8.4	7.2	7.2	6.0	6.0	4.8	3.6	3.6
155°	7.2	7.2	7.2	6.0	6.0	6.0	4.8	4.8	3.6	3.6	2.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290198

CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4	2324.4
2.5°	2311.2	2310.0	2320.8	2319.6	2305.2	2326.8	2341.2
5°	2305.2	2304.0	2313.6	2316.0	2300.4	2323.2	2338.8
7.5°	2300.4	2299.2	2310.0	2313.6	2298.0	2318.4	2335.2
10°	2301.6	2295.6	2305.2	2307.6	2293.2	2314.8	2329.2
12.5°	2310.0	2295.6	2299.2	2299.2	2286.0	2305.2	2320.8
15°	2330.4	2300.4	2295.6	2292.0	2275.2	2293.2	2308.8
17.5°	2353.2	2312.4	2295.6	2283.6	2263.2	2278.8	2295.6
20°	2376.0	2325.6	2298.0	2278.8	2251.2	2265.6	2277.6
22.5°	2386.8	2337.6	2300.4	2271.6	2236.7	2243.9	2257.2
25°	2372.4	2332.8	2295.6	2260.8	2218.7	2219.9	2230.7
27.5°	2319.6	2308.8	2284.8	2250.0	2204.3	2198.3	2206.7
30°	2229.5	2259.6	2260.8	2235.5	2187.5	2175.5	2179.1
32.5°	2103.5	2170.7	2210.3	2205.5	2163.5	2146.7	2149.1
35°	1958.2	2042.2	2128.7	2157.5	2127.5	2114.3	2109.5
37.5°	1784.1	1897.0	2012.2	2083.1	2078.3	2069.9	2065.1
40°	1592.0	1727.7	1864.6	1977.4	2012.2	2012.2	2014.6
42.5°	1386.7	1545.2	1695.3	1838.1	1919.8	1937.8	1945.0
45°	1188.6	1348.3	1511.6	1676.1	1785.3	1841.7	1862.2
47.5°	1008.5	1169.4	1324.3	1504.4	1649.6	1722.9	1755.3
50°	854.8	974.9	1138.2	1317.1	1475.6	1565.6	1629.2
52.5°	727.6	821.2	964.1	1131.0	1290.7	1414.3	1473.2
55°	620.7	684.3	805.6	949.7	1102.2	1230.6	1299.1
57.5°	530.7	581.1	663.9	784.0	912.5	1039.7	1113.0
60°	451.4	486.2	542.7	637.5	746.8	856.0	926.9
62.5°	383.0	405.8	443.0	512.7	597.9	683.1	749.2
65°	330.2	339.8	360.2	403.4	468.2	533.1	589.5
67.5°	278.5	284.5	300.2	326.6	359.0	405.8	443.0
70°	240.1	240.1	241.3	256.9	273.7	303.8	330.2
72.5°	208.9	205.3	198.1	201.7	205.3	222.1	238.9
75°	183.7	175.3	163.3	158.5	156.1	158.5	168.1
77.5°	162.1	150.1	135.7	123.7	114.1	110.5	118.9
80°	144.1	129.7	112.9	97.2	81.6	73.2	76.8
82.5°	129.7	111.7	93.6	75.6	57.6	45.6	45.6
85°	114.1	97.2	78.0	58.8	40.8	25.2	22.8
87.5°	103.3	85.2	64.8	46.8	28.8	13.2	7.2
90°	92.4	74.4	55.2	37.2	20.4	6.0	0.0
92.5°	82.8	66.0	48.0	30.0	14.4	3.6	0.0
95°	74.4	58.8	40.8	25.2	12.0	2.4	1.2
97.5°	66.0	51.6	36.0	20.4	8.4	2.4	1.2
100°	60.0	45.6	31.2	16.8	7.2	1.2	1.2
102.5°	52.8	40.8	26.4	14.4	6.0	1.2	1.2
105°	46.8	36.0	22.8	12.0	4.8	1.2	1.2
107.5°	42.0	31.2	20.4	10.8	4.8	1.2	1.2
110°	37.2	27.6	18.0	9.6	3.6	1.2	1.2



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CATALOG NUMBER: 4SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	33.6	24.0	15.6	8.4	2.4	1.2	1.2
115°	28.8	21.6	13.2	7.2	2.4	1.2	1.2
117.5°	25.2	18.0	12.0	6.0	2.4	1.2	1.2
120°	21.6	15.6	9.6	4.8	1.2	1.2	1.2
122.5°	19.2	13.2	8.4	4.8	1.2	1.2	1.2
125°	16.8	12.0	7.2	3.6	1.2	1.2	1.2
127.5°	14.4	9.6	6.0	2.4	1.2	1.2	1.2
130°	12.0	8.4	4.8	2.4	1.2	1.2	1.2
132.5°	9.6	7.2	4.8	2.4	1.2	1.2	1.2
135°	8.4	6.0	3.6	2.4	1.2	1.2	1.2
137.5°	7.2	4.8	2.4	2.4	2.4	1.2	1.2
140°	6.0	3.6	2.4	2.4	2.4	2.4	1.2
142.5°	4.8	3.6	2.4	2.4	2.4	2.4	1.2
145°	3.6	2.4	2.4	2.4	2.4	2.4	1.2
147.5°	3.6	2.4	2.4	2.4	2.4	2.4	1.2
150°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
152.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
155°	2.4	2.4	2.4	2.4	2.4	2.4	2.4
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)