

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: P290230

Luminaire Tested: **8SSRK-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: P290230
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-L940-CD1-U
Description: 6000 LUMEN, 8 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: 5495.6 lumens
Efficiency: N/A
Efficacy: 132.8 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

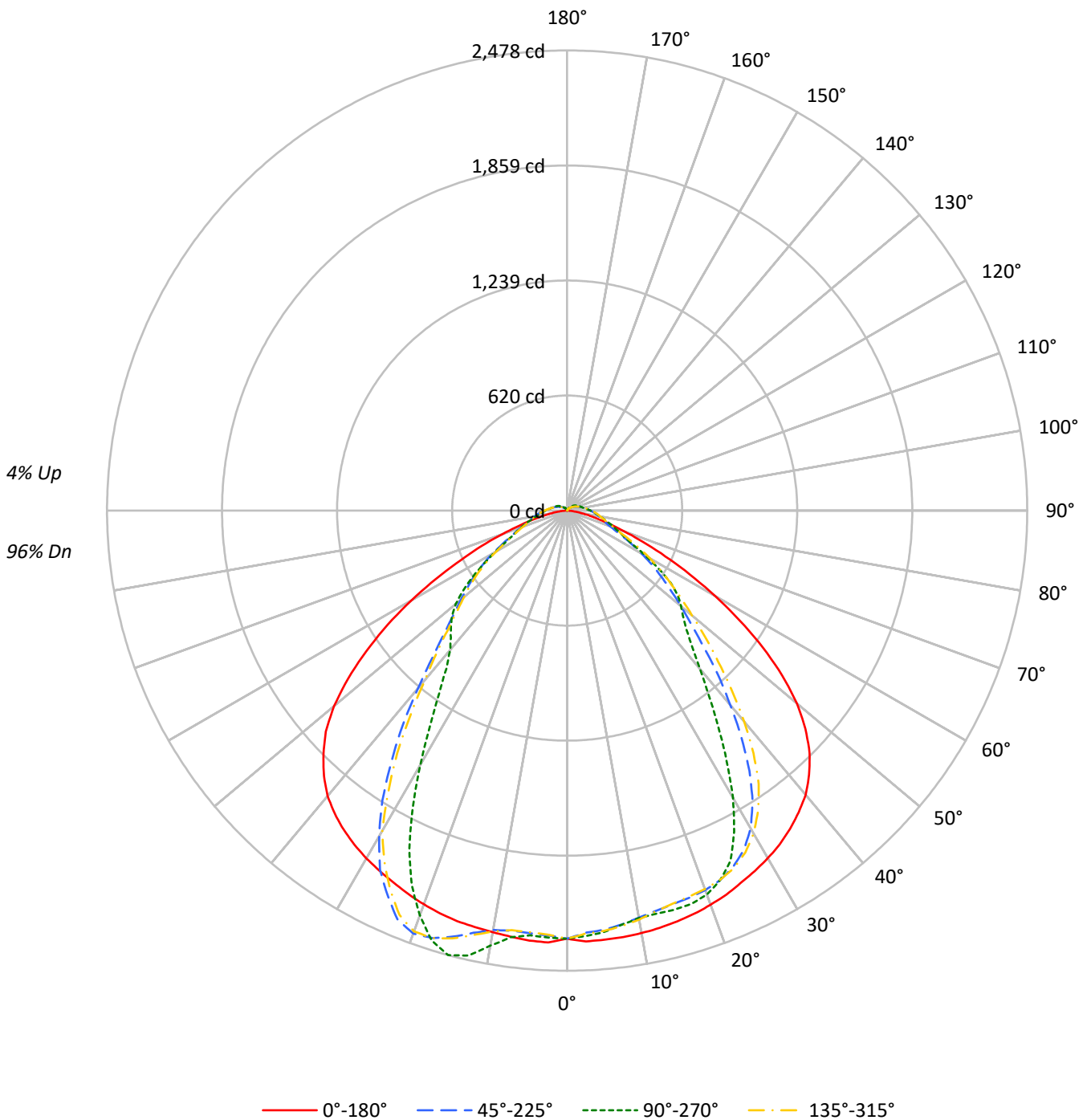
Input Watts (W): 41.3831
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 8SSRK-LC-60-L940-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	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°	74442	74442	74442	74442
5°	75049	54697	75205	55124
10°	75467	42838	75313	45745
15°	76124	35911	76085	39984
20°	77037	30791	76955	32456
25°	78069	25883	78026	25009
30°	79627	20111	79671	17817
35°	81286	14697	81519	12437
40°	82776	10750	83124	9471
45°	82617	8298	83042	8080
50°	79206	6971	80314	6815
55°	70439	5712	72194	5193
60°	57297	3977	60345	3647
65°	42758	2755	46071	2613
70°	29247	2138	32962	2044
75°	19298	1716	22470	1623
80°	12673	1402	14851	1290
85°	6763	1199	8918	1095



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.0	4.0
10°-20°	651.5	11.9
20°-30°	990.5	18.0
30°-40°	1062.6	19.3
40°-50°	922.2	16.8
50°-60°	683.4	12.4
60°-70°	391.6	7.1
70°-80°	216.8	3.9
80°-90°	132.0	2.4
90°-100°	85.9	1.6
100°-110°	57.5	1.0
110°-120°	38.8	0.7
120°-130°	23.8	0.4
130°-140°	12.5	0.2
140°-150°	5.7	0.1
150°-160°	1.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1861.0	33.9
0°-40°	2923.5	53.2
0°-60°	4529.2	82.4
0°-90°	5269.6	95.9
90°-120°	182.2	3.3
90°-150°	224.3	4.1
90°-180°	226.0	4.1
0°-180°	5495.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2305	2305	2305	2305	2305	
5°	2320	2278	2324	2296	2320	221
15°	2290	2226	2289	2478	2290	648
25°	2212	2081	2211	2011	2212	1023
35°	2092	1417	2098	1199	2092	1310
45°	1847	908	1856	885	1847	1414
55°	1288	681	1320	619	1288	1142
65°	585	345	630	328	585	589
75°	167	219	194	207	167	190
85°	23	151	30	138	23	30
90°	0	126	2	117	0	1
95°	1	104	0	99	1	1
105°	1	77	1	74	1	1
115°	1	63	1	57	1	1
125°	1	48	1	39	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°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2321.9	2316.0	2313.6	2308.8	2312.4	2326.7	2317.2	2301.7	2302.9	2275.5	2289.8
5°	2319.5	2312.4	2308.8	2304.1	2306.4	2319.5	2310.0	2294.5	2293.3	2266.0	2279.1
7.5°	2316.0	2308.8	2302.9	2299.3	2300.5	2311.2	2299.3	2281.4	2277.9	2248.1	2260.0
10°	2310.0	2305.3	2296.9	2291.0	2289.8	2301.7	2282.6	2264.8	2256.4	2225.5	2237.4
12.5°	2301.7	2294.5	2286.2	2275.5	2274.3	2281.4	2266.0	2241.0	2232.6	2207.6	2220.7
15°	2289.8	2281.4	2271.9	2260.0	2254.1	2258.8	2239.8	2217.1	2215.9	2194.5	2212.4
17.5°	2276.7	2264.8	2254.1	2237.4	2229.0	2232.6	2217.1	2196.9	2199.3	2186.2	2206.4
20°	2258.8	2245.7	2229.0	2212.4	2200.5	2206.4	2195.7	2180.2	2183.8	2174.3	2192.1
22.5°	2238.6	2220.7	2200.5	2181.4	2171.9	2180.2	2171.9	2158.8	2160.0	2154.0	2164.7
25°	2212.4	2192.1	2168.3	2144.5	2139.7	2145.7	2140.9	2130.2	2125.5	2115.9	2120.7
27.5°	2188.6	2165.9	2136.2	2111.2	2102.8	2114.7	2104.0	2086.2	2073.1	2060.0	2050.4
30°	2161.2	2133.8	2100.4	2071.9	2064.7	2069.5	2054.0	2026.6	1992.1	1975.4	1949.2
32.5°	2131.4	2095.7	2054.0	2021.9	2017.1	2013.5	1984.9	1945.7	1892.1	1858.7	1818.2
35°	2092.1	2052.8	2002.8	1963.5	1956.4	1936.1	1889.7	1837.3	1768.2	1711.1	1642.0
37.5°	2048.1	2001.6	1949.2	1896.8	1876.6	1836.1	1770.6	1715.8	1611.1	1542.0	1458.6
40°	1998.0	1942.1	1877.8	1814.7	1781.3	1715.8	1640.8	1559.9	1458.6	1365.8	1295.5
42.5°	1929.0	1869.4	1793.2	1723.0	1665.8	1578.9	1490.8	1376.5	1283.6	1205.0	1133.6
45°	1846.8	1775.4	1687.3	1602.7	1530.1	1426.5	1322.9	1208.6	1131.2	1039.5	990.7
47.5°	1740.8	1663.4	1569.4	1475.3	1380.1	1265.7	1157.4	1047.8	970.4	905.0	869.2
50°	1615.8	1544.4	1440.8	1328.9	1224.1	1105.0	996.6	914.5	839.5	799.0	771.6
52.5°	1461.0	1394.3	1288.4	1166.9	1065.7	949.0	850.2	783.5	729.9	700.1	690.6
55°	1288.4	1230.0	1125.2	1012.1	908.5	801.4	726.3	668.0	633.5	615.6	616.8
57.5°	1103.8	1058.6	959.7	858.5	760.9	679.9	612.0	565.6	539.4	538.2	541.8
60°	919.2	885.9	800.2	713.2	627.5	562.0	512.0	479.9	463.2	464.4	463.2
62.5°	743.0	712.1	650.1	578.7	510.8	466.8	421.5	408.4	394.1	392.9	392.9
65°	584.6	560.8	510.8	459.6	408.4	379.8	357.2	341.7	331.0	328.6	329.8
67.5°	439.4	429.9	395.3	360.8	328.6	310.8	291.7	288.2	279.8	279.8	282.2
70°	327.5	320.3	301.3	281.0	267.9	256.0	246.5	246.5	245.3	244.1	250.1
72.5°	237.0	238.1	232.2	216.7	215.5	213.1	210.8	214.3	215.5	219.1	226.2
75°	166.7	170.3	170.3	167.9	172.7	178.6	182.2	188.1	195.3	200.0	208.4
77.5°	117.9	117.9	123.8	131.0	140.5	151.2	160.7	169.1	178.6	184.6	191.7
80°	76.2	79.8	89.3	102.4	115.5	129.8	142.9	153.6	163.1	172.7	177.4
82.5°	45.2	51.2	63.1	79.8	96.4	114.3	127.4	140.5	151.2	160.7	164.3
85°	22.6	31.0	45.2	63.1	81.0	100.0	116.7	128.6	140.5	148.8	153.6
87.5°	7.1	16.7	32.1	48.8	67.9	86.9	104.8	117.9	128.6	135.7	140.5
90°	0.0	8.3	22.6	40.5	58.3	77.4	94.1	108.4	119.1	125.0	128.6
92.5°	0.0	4.8	17.9	33.3	50.0	69.1	85.7	98.8	108.4	114.3	116.7
95°	1.2	3.6	13.1	27.4	44.1	61.9	77.4	89.3	98.8	104.8	106.0
97.5°	1.2	2.4	10.7	22.6	38.1	54.8	70.3	82.2	89.3	95.3	96.4
100°	1.2	2.4	8.3	20.2	33.3	48.8	63.1	73.8	82.2	86.9	88.1
102.5°	1.2	1.2	7.1	16.7	29.8	42.9	56.0	66.7	73.8	78.6	81.0
105°	1.2	1.2	6.0	14.3	26.2	38.1	50.0	60.7	66.7	71.4	73.8
107.5°	1.2	1.2	4.8	11.9	22.6	33.3	45.2	53.6	60.7	65.5	67.9
110°	1.2	1.2	3.6	10.7	19.1	29.8	39.3	47.6	54.8	59.5	61.9



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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	9.5	16.7	26.2	34.5	42.9	48.8	53.6	57.2
115°	1.2	1.2	3.6	8.3	15.5	22.6	31.0	38.1	44.1	48.8	52.4
117.5°	1.2	1.2	3.6	7.1	13.1	20.2	27.4	34.5	39.3	44.1	47.6
120°	1.2	1.2	2.4	6.0	11.9	17.9	23.8	29.8	35.7	40.5	44.1
122.5°	1.2	1.2	2.4	6.0	9.5	15.5	21.4	26.2	32.1	35.7	39.3
125°	1.2	1.2	2.4	4.8	8.3	14.3	19.1	23.8	27.4	32.1	35.7
127.5°	1.2	1.2	2.4	4.8	7.1	11.9	16.7	21.4	25.0	28.6	31.0
130°	1.2	1.2	2.4	3.6	6.0	9.5	14.3	17.9	22.6	25.0	27.4
132.5°	1.2	1.2	1.2	3.6	4.8	7.1	10.7	15.5	19.1	22.6	23.8
135°	1.2	1.2	1.2	2.4	4.8	6.0	8.3	11.9	15.5	19.1	21.4
137.5°	1.2	1.2	1.2	2.4	3.6	6.0	7.1	9.5	13.1	15.5	19.1
140°	1.2	1.2	1.2	2.4	3.6	4.8	6.0	8.3	10.7	13.1	15.5
142.5°	1.2	1.2	1.2	2.4	2.4	3.6	4.8	7.1	8.3	10.7	13.1
145°	1.2	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.1	8.3	10.7
147.5°	1.2	1.2	1.2	2.4	2.4	2.4	3.6	4.8	6.0	7.1	8.3
150°	2.4	2.4	2.4	2.4	2.4	2.4	3.6	3.6	4.8	6.0	7.1
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°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2285.0	2287.4	2301.7	2300.5	2298.1	2295.7	2295.7	2293.3	2295.7	2301.7	2299.3
5°	2273.1	2276.7	2287.4	2286.2	2283.8	2282.6	2281.4	2277.9	2280.2	2288.6	2286.2
7.5°	2251.7	2255.2	2264.8	2260.0	2256.4	2258.8	2252.9	2249.3	2254.1	2262.4	2261.2
10°	2229.0	2231.4	2243.3	2241.0	2235.0	2236.2	2230.2	2227.9	2233.8	2238.6	2239.8
12.5°	2213.6	2221.9	2232.6	2231.4	2230.2	2231.4	2225.5	2223.1	2226.7	2231.4	2230.2
15°	2210.0	2220.7	2232.6	2232.6	2233.8	2235.0	2229.0	2225.5	2229.0	2232.6	2231.4
17.5°	2206.4	2219.5	2230.2	2229.0	2230.2	2232.6	2223.1	2220.7	2225.5	2230.2	2227.9
20°	2194.5	2206.4	2213.6	2211.2	2211.2	2212.4	2200.5	2200.5	2207.6	2211.2	2212.4
22.5°	2161.2	2175.5	2175.5	2169.5	2169.5	2164.7	2161.2	2154.0	2162.4	2168.3	2173.1
25°	2111.2	2117.1	2110.0	2096.9	2089.7	2083.8	2067.1	2081.4	2081.4	2099.3	2105.2
27.5°	2040.9	2027.8	2007.6	1980.2	1974.2	1955.2	1944.5	1948.0	1954.0	1979.0	1998.0
30°	1925.4	1886.1	1851.6	1839.7	1813.5	1794.4	1775.4	1784.9	1795.6	1809.9	1849.2
32.5°	1773.0	1734.9	1678.9	1658.7	1631.3	1607.5	1584.9	1599.1	1618.2	1627.7	1670.6
35°	1598.0	1552.7	1501.5	1467.0	1438.4	1425.3	1396.7	1417.0	1437.2	1444.4	1481.3
37.5°	1412.2	1365.8	1320.5	1290.8	1263.4	1255.0	1236.0	1250.3	1265.7	1276.5	1307.4
40°	1236.0	1193.1	1158.6	1138.3	1119.3	1112.1	1105.0	1111.0	1122.9	1131.2	1155.0
42.5°	1084.8	1050.2	1026.4	1014.5	1001.4	991.9	993.1	995.5	1001.4	1019.3	1030.0
45°	952.6	932.3	916.9	914.5	906.1	905.0	903.8	908.5	912.1	922.8	931.2
47.5°	846.6	838.3	834.7	839.5	843.0	838.3	840.7	846.6	853.8	853.8	852.6
50°	763.3	765.6	770.4	781.1	788.3	790.6	793.0	800.2	801.4	803.7	800.2
52.5°	695.4	697.8	710.9	727.5	735.9	739.4	744.2	751.4	751.4	753.7	749.0
55°	626.3	629.9	643.0	659.7	666.8	671.6	676.3	681.1	684.7	689.4	685.9
57.5°	550.1	560.8	569.2	573.9	578.7	582.3	585.8	587.0	594.2	595.4	601.3
60°	469.1	471.5	479.9	478.7	475.1	484.6	479.9	488.2	496.5	507.3	508.4
62.5°	391.8	392.9	398.9	396.5	401.3	400.1	403.7	403.7	409.6	414.4	420.3
65°	331.0	332.2	337.0	337.0	335.8	339.4	342.9	345.3	345.3	348.9	353.6
67.5°	285.8	289.3	294.1	296.5	298.9	298.9	302.4	303.6	306.0	307.2	309.6
70°	254.8	259.6	264.3	266.7	267.9	270.3	271.5	271.5	273.9	275.1	277.4
72.5°	232.2	237.0	240.5	240.5	242.9	244.1	244.1	245.3	246.5	248.9	251.2
75°	213.1	216.7	219.1	217.9	217.9	217.9	219.1	219.1	221.5	223.9	226.2
77.5°	195.3	198.9	198.9	196.5	196.5	196.5	196.5	197.7	198.9	201.2	203.6
80°	182.2	182.2	181.0	181.0	178.6	177.4	177.4	178.6	178.6	181.0	184.6
82.5°	167.9	167.9	166.7	165.5	164.3	163.1	163.1	164.3	165.5	166.7	169.1
85°	154.8	154.8	152.4	152.4	151.2	151.2	151.2	151.2	152.4	153.6	156.0
87.5°	141.7	140.5	139.3	138.1	138.1	138.1	138.1	138.1	139.3	141.7	142.9
90°	128.6	127.4	126.2	126.2	125.0	125.0	126.2	126.2	127.4	128.6	129.8
92.5°	116.7	115.5	114.3	114.3	113.1	113.1	114.3	113.1	115.5	115.5	116.7
95°	106.0	104.8	103.6	103.6	103.6	103.6	103.6	103.6	104.8	104.8	106.0
97.5°	96.4	95.3	94.1	94.1	95.3	94.1	95.3	95.3	95.3	96.4	97.6
100°	88.1	86.9	86.9	88.1	86.9	86.9	88.1	88.1	88.1	88.1	89.3
102.5°	81.0	81.0	81.0	81.0	81.0	81.0	82.2	82.2	82.2	82.2	83.4
105°	73.8	75.0	75.0	75.0	76.2	76.2	76.2	77.4	77.4	77.4	77.4
107.5°	69.1	70.3	70.3	71.4	71.4	72.6	72.6	72.6	72.6	73.8	73.8
110°	64.3	65.5	66.7	67.9	67.9	69.1	69.1	69.1	69.1	69.1	69.1



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	59.5	60.7	61.9	64.3	65.5	65.5	65.5	65.5	66.7	66.7	65.5
115°	54.8	57.2	58.3	60.7	61.9	61.9	63.1	63.1	63.1	63.1	61.9
117.5°	50.0	53.6	54.8	57.2	58.3	58.3	59.5	59.5	59.5	59.5	58.3
120°	46.4	48.8	51.2	52.4	53.6	54.8	54.8	56.0	56.0	56.0	54.8
122.5°	42.9	45.2	47.6	48.8	50.0	51.2	51.2	51.2	51.2	51.2	51.2
125°	38.1	40.5	42.9	44.1	45.2	46.4	46.4	47.6	47.6	47.6	46.4
127.5°	34.5	36.9	38.1	40.5	41.7	41.7	42.9	42.9	42.9	42.9	41.7
130°	29.8	32.1	34.5	35.7	36.9	36.9	38.1	38.1	38.1	38.1	38.1
132.5°	26.2	28.6	29.8	32.1	32.1	33.3	33.3	34.5	34.5	34.5	33.3
135°	23.8	25.0	26.2	28.6	28.6	29.8	29.8	29.8	29.8	29.8	29.8
137.5°	21.4	22.6	23.8	25.0	25.0	26.2	26.2	26.2	26.2	27.4	26.2
140°	17.9	20.2	21.4	21.4	22.6	22.6	22.6	23.8	23.8	23.8	22.6
142.5°	15.5	16.7	17.9	19.1	20.2	20.2	20.2	20.2	21.4	20.2	20.2
145°	11.9	14.3	15.5	16.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9
147.5°	9.5	10.7	13.1	14.3	14.3	15.5	15.5	15.5	15.5	15.5	15.5
150°	8.3	8.3	10.7	11.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1
152.5°	6.0	7.1	8.3	9.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7
155°	6.0	6.0	7.1	7.1	8.3	8.3	8.3	8.3	9.5	8.3	8.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2295.7	2294.5	2299.3	2294.5	2270.7	2280.2	2276.7	2289.8	2291.0	2294.5	2306.4
5°	2283.8	2283.8	2289.8	2285.0	2262.4	2271.9	2270.7	2283.8	2286.2	2288.6	2301.7
7.5°	2260.0	2261.2	2269.5	2266.0	2242.1	2256.4	2255.2	2270.7	2275.5	2280.2	2292.2
10°	2237.4	2236.2	2245.7	2242.1	2219.5	2236.2	2235.0	2250.5	2257.6	2266.0	2280.2
12.5°	2225.5	2221.9	2225.5	2221.9	2196.9	2210.0	2211.2	2229.0	2237.4	2248.1	2264.8
15°	2225.5	2219.5	2219.5	2212.4	2183.8	2192.1	2193.3	2205.2	2215.9	2226.7	2246.9
17.5°	2223.1	2217.1	2215.9	2210.0	2179.0	2179.0	2177.8	2186.2	2192.1	2202.8	2224.3
20°	2210.0	2207.6	2206.4	2202.8	2174.3	2169.5	2167.1	2167.1	2170.7	2174.3	2195.7
22.5°	2175.5	2177.8	2180.2	2182.6	2160.0	2151.6	2152.8	2150.5	2146.9	2146.9	2164.7
25°	2111.2	2123.1	2132.6	2143.3	2130.2	2124.3	2131.4	2127.8	2121.9	2117.1	2132.6
27.5°	2008.8	2033.8	2054.0	2080.2	2081.4	2076.6	2095.7	2093.3	2092.1	2085.0	2096.9
30°	1867.1	1906.4	1933.7	1971.8	2004.0	2008.8	2040.9	2045.7	2050.4	2046.9	2058.8
32.5°	1695.6	1749.2	1795.6	1855.2	1886.1	1913.5	1958.8	1977.8	1996.9	2002.8	2015.9
35°	1508.7	1569.4	1624.2	1689.6	1738.5	1798.0	1852.8	1881.4	1924.2	1940.9	1959.9
37.5°	1331.2	1388.4	1442.0	1507.5	1586.1	1648.0	1715.8	1780.1	1838.5	1862.3	1890.9
40°	1174.1	1220.5	1271.7	1328.9	1400.3	1481.3	1555.1	1644.4	1713.5	1761.1	1802.8
42.5°	1055.0	1077.6	1121.7	1172.9	1230.0	1312.2	1387.2	1487.2	1570.6	1638.4	1707.5
45°	949.0	959.7	991.9	1019.3	1077.6	1150.2	1230.0	1327.7	1414.6	1501.5	1584.9
47.5°	858.5	871.6	887.1	903.8	945.4	1006.2	1075.2	1163.3	1250.3	1351.5	1446.7
50°	797.8	801.4	803.7	810.9	835.9	877.6	933.5	1008.5	1091.9	1200.3	1301.5
52.5°	744.2	744.2	737.1	733.5	743.0	769.2	801.4	854.9	940.7	1040.7	1147.9
55°	687.1	676.3	674.0	662.0	664.4	676.3	691.8	733.5	803.7	889.5	993.1
57.5°	607.3	602.5	602.5	597.7	588.2	594.2	597.7	627.5	677.5	751.4	841.8
60°	515.6	513.2	519.2	520.3	512.0	515.6	514.4	532.3	568.0	627.5	702.5
62.5°	423.9	434.6	435.8	440.6	435.8	434.6	440.6	456.0	473.9	519.2	577.5
65°	356.0	362.0	363.2	369.1	366.7	366.7	371.5	383.4	394.1	425.1	470.3
67.5°	312.0	309.6	310.8	314.4	310.8	309.6	313.2	320.3	328.6	347.7	379.8
70°	277.4	275.1	275.1	275.1	270.3	266.7	267.9	270.3	273.9	284.6	304.8
72.5°	251.2	251.2	247.7	244.1	240.5	238.1	235.8	233.4	232.2	235.8	246.5
75°	227.4	228.6	227.4	223.9	219.1	214.3	209.6	204.8	198.9	196.5	197.7
77.5°	206.0	207.2	208.4	207.2	202.4	196.5	189.3	182.2	173.8	165.5	160.7
80°	186.9	189.3	190.5	189.3	185.8	181.0	172.7	164.3	152.4	141.7	129.8
82.5°	170.3	173.8	175.0	175.0	172.7	167.9	158.4	148.8	135.7	121.5	106.0
85°	157.2	159.6	161.9	161.9	160.7	156.0	146.5	135.7	122.6	106.0	89.3
87.5°	144.1	145.3	147.7	150.0	147.7	142.9	134.6	122.6	109.5	92.9	73.8
90°	131.0	132.2	134.6	136.9	135.7	131.0	123.8	113.1	98.8	81.0	61.9
92.5°	117.9	120.3	121.5	122.6	123.8	120.3	114.3	103.6	89.3	71.4	53.6
95°	108.4	108.4	110.7	111.9	113.1	109.5	104.8	94.1	81.0	64.3	46.4
97.5°	98.8	98.8	101.2	101.2	102.4	100.0	95.3	85.7	72.6	57.2	39.3
100°	89.3	90.5	91.7	92.9	92.9	91.7	86.9	77.4	65.5	51.2	34.5
102.5°	83.4	83.4	84.5	84.5	85.7	83.4	78.6	70.3	58.3	45.2	29.8
105°	77.4	77.4	78.6	78.6	77.4	75.0	70.3	63.1	52.4	39.3	26.2
107.5°	72.6	72.6	72.6	72.6	71.4	69.1	64.3	56.0	46.4	35.7	23.8
110°	69.1	67.9	67.9	66.7	65.5	61.9	57.2	50.0	41.7	31.0	20.2



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	65.5	64.3	63.1	61.9	59.5	56.0	51.2	45.2	36.9	27.4	17.9
115°	61.9	60.7	59.5	57.2	54.8	51.2	46.4	40.5	32.1	23.8	15.5
117.5°	58.3	57.2	54.8	52.4	50.0	46.4	41.7	35.7	28.6	21.4	14.3
120°	53.6	52.4	51.2	48.8	46.4	41.7	36.9	32.1	25.0	19.1	11.9
122.5°	50.0	48.8	46.4	45.2	41.7	38.1	33.3	28.6	22.6	16.7	10.7
125°	45.2	44.1	42.9	40.5	38.1	33.3	29.8	25.0	20.2	14.3	8.3
127.5°	41.7	40.5	38.1	35.7	33.3	29.8	26.2	22.6	17.9	11.9	8.3
130°	36.9	35.7	34.5	32.1	29.8	26.2	23.8	19.1	15.5	10.7	7.1
132.5°	32.1	32.1	31.0	28.6	26.2	23.8	20.2	16.7	13.1	9.5	6.0
135°	29.8	28.6	27.4	25.0	23.8	20.2	17.9	14.3	10.7	8.3	4.8
137.5°	26.2	25.0	23.8	22.6	20.2	17.9	15.5	11.9	9.5	7.1	4.8
140°	22.6	21.4	21.4	19.1	17.9	15.5	13.1	10.7	8.3	6.0	3.6
142.5°	20.2	19.1	17.9	16.7	15.5	13.1	10.7	8.3	7.1	4.8	3.6
145°	17.9	16.7	15.5	14.3	13.1	10.7	9.5	7.1	6.0	4.8	3.6
147.5°	14.3	14.3	13.1	11.9	10.7	9.5	8.3	7.1	4.8	3.6	2.4
150°	11.9	11.9	10.7	9.5	9.5	8.3	7.1	6.0	4.8	3.6	2.4
152.5°	10.7	9.5	9.5	8.3	8.3	7.1	6.0	4.8	3.6	3.6	2.4
155°	8.3	8.3	8.3	7.1	7.1	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: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2308.8	2294.5	2306.4	2327.9	2325.5	2323.1	2320.7	2325.5	2341.0	2332.6	2319.5
5°	2305.3	2291.0	2304.1	2324.3	2323.1	2319.5	2317.2	2321.9	2337.4	2329.1	2314.8
7.5°	2298.1	2285.0	2294.5	2314.8	2314.8	2312.4	2310.0	2314.8	2329.1	2321.9	2307.6
10°	2286.2	2276.7	2286.2	2305.3	2306.4	2301.7	2299.3	2305.3	2319.5	2316.0	2304.1
12.5°	2276.7	2267.1	2277.9	2296.9	2298.1	2293.3	2289.8	2296.9	2316.0	2318.4	2314.8
15°	2263.6	2255.2	2268.3	2288.6	2288.6	2285.0	2285.0	2294.5	2320.7	2331.4	2337.4
17.5°	2244.5	2238.6	2254.1	2274.3	2275.5	2273.1	2274.3	2293.3	2327.9	2354.1	2370.7
20°	2220.7	2218.3	2235.0	2256.4	2260.0	2261.2	2267.1	2295.7	2343.4	2379.1	2395.7
22.5°	2192.1	2193.3	2212.4	2235.0	2239.8	2243.3	2255.2	2295.7	2355.3	2393.4	2400.5
25°	2160.0	2163.6	2183.8	2211.2	2217.1	2224.3	2244.5	2296.9	2358.8	2383.8	2371.9
27.5°	2125.5	2132.6	2158.8	2187.4	2194.5	2206.4	2232.6	2289.8	2342.2	2343.4	2299.3
30°	2089.7	2098.1	2129.0	2162.4	2174.3	2186.2	2218.3	2273.1	2301.7	2263.6	2186.2
32.5°	2049.2	2061.2	2092.1	2132.6	2146.9	2162.4	2194.5	2241.0	2230.2	2148.1	2037.3
35°	1998.0	2014.7	2050.4	2098.1	2111.2	2131.4	2154.0	2164.7	2117.1	2000.4	1875.4
37.5°	1934.9	1959.9	2001.6	2056.4	2070.7	2083.8	2089.7	2060.0	1964.7	1838.5	1708.7
40°	1862.3	1900.4	1945.7	2006.4	2020.7	2020.7	1999.2	1936.1	1815.9	1650.4	1506.3
42.5°	1774.2	1820.6	1877.8	1938.5	1952.8	1936.1	1884.9	1774.2	1637.3	1452.7	1300.3
45°	1667.0	1728.9	1793.2	1856.3	1863.5	1826.6	1734.9	1594.4	1425.3	1253.8	1108.6
47.5°	1539.6	1620.6	1690.8	1762.3	1752.8	1690.8	1568.2	1408.6	1230.0	1068.1	951.4
50°	1396.7	1492.0	1570.6	1638.4	1618.2	1532.5	1388.4	1221.7	1044.3	906.1	809.7
52.5°	1244.3	1353.9	1432.4	1487.2	1459.8	1357.4	1199.1	1039.5	894.2	768.0	703.7
55°	1085.9	1196.7	1277.7	1320.5	1284.8	1174.1	1018.1	872.8	735.9	653.7	615.6
57.5°	932.3	1035.9	1112.1	1146.7	1101.4	990.7	846.6	724.0	625.1	556.1	537.0
60°	784.7	869.2	941.9	968.1	919.2	816.8	693.0	595.4	522.7	475.1	465.6
62.5°	647.8	716.8	774.0	794.2	746.6	666.8	559.6	487.0	435.8	412.0	400.1
65°	534.6	575.1	633.5	629.9	601.3	527.5	448.9	397.7	364.4	348.9	341.7
67.5°	420.3	457.2	494.2	498.9	463.2	412.0	360.8	323.9	306.0	297.7	294.1
70°	325.1	352.5	375.1	369.1	350.1	317.9	285.8	265.5	258.4	254.8	254.8
72.5°	252.4	266.7	277.4	270.3	258.4	241.7	226.2	217.9	219.1	221.5	223.9
75°	195.3	198.9	201.2	194.1	191.7	181.0	179.8	181.0	188.1	195.3	198.9
77.5°	150.0	145.3	141.7	134.6	135.7	134.6	140.5	150.0	160.7	171.5	181.0
80°	115.5	104.8	96.4	89.3	92.9	98.8	110.7	125.0	139.3	151.2	163.1
82.5°	89.3	73.8	61.9	54.8	61.9	71.4	86.9	104.8	121.5	134.6	147.7
85°	69.1	51.2	36.9	29.8	36.9	51.2	67.9	88.1	106.0	120.3	133.4
87.5°	53.6	36.9	20.2	11.9	20.2	35.7	54.8	73.8	91.7	108.4	121.5
90°	42.9	25.0	9.5	2.4	10.7	25.0	42.9	61.9	79.8	97.6	110.7
92.5°	34.5	17.9	4.8	0.0	6.0	19.1	35.7	53.6	71.4	88.1	101.2
95°	28.6	14.3	3.6	0.0	4.8	14.3	28.6	46.4	63.1	79.8	90.5
97.5°	23.8	10.7	2.4	0.0	2.4	11.9	23.8	39.3	56.0	71.4	82.2
100°	20.2	9.5	2.4	0.0	2.4	9.5	20.2	34.5	48.8	63.1	73.8
102.5°	16.7	7.1	1.2	1.2	1.2	7.1	17.9	29.8	42.9	56.0	66.7
105°	15.5	6.0	1.2	1.2	1.2	6.0	15.5	26.2	38.1	50.0	59.5
107.5°	13.1	4.8	1.2	1.2	1.2	4.8	13.1	22.6	34.5	45.2	53.6
110°	10.7	4.8	1.2	1.2	1.2	4.8	10.7	20.2	29.8	39.3	47.6



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	9.5	3.6	1.2	1.2	1.2	3.6	9.5	17.9	26.2	35.7	42.9
115°	8.3	3.6	1.2	1.2	1.2	3.6	8.3	15.5	22.6	31.0	38.1
117.5°	7.1	3.6	1.2	1.2	1.2	2.4	7.1	13.1	20.2	27.4	34.5
120°	6.0	2.4	1.2	1.2	1.2	2.4	6.0	11.9	17.9	23.8	29.8
122.5°	6.0	2.4	1.2	1.2	1.2	2.4	4.8	9.5	15.5	20.2	26.2
125°	4.8	2.4	1.2	1.2	1.2	1.2	4.8	8.3	13.1	17.9	22.6
127.5°	4.8	2.4	1.2	1.2	1.2	1.2	3.6	7.1	10.7	15.5	20.2
130°	3.6	2.4	1.2	1.2	1.2	1.2	2.4	6.0	9.5	13.1	16.7
132.5°	3.6	2.4	1.2	1.2	1.2	1.2	2.4	4.8	7.1	10.7	14.3
135°	3.6	1.2	1.2	1.2	1.2	1.2	1.2	3.6	6.0	8.3	10.7
137.5°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	2.4	4.8	6.0	9.5
140°	2.4	1.2	1.2	1.2	1.2	1.2	1.2	2.4	3.6	4.8	7.1
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: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2317.2	2289.8	2304.1	2299.3	2304.1	2316.0	2314.8	2311.2	2313.6	2307.6	2301.7
5°	2312.4	2285.0	2299.3	2293.3	2299.3	2311.2	2308.8	2305.3	2308.8	2301.7	2295.7
7.5°	2306.4	2281.4	2298.1	2296.9	2307.6	2323.1	2324.3	2324.3	2332.6	2321.9	2317.2
10°	2306.4	2293.3	2316.0	2324.3	2351.7	2371.9	2374.3	2379.1	2393.4	2391.0	2379.1
12.5°	2331.4	2329.1	2362.4	2382.7	2407.7	2436.2	2451.7	2456.5	2466.0	2458.9	2454.1
15°	2363.6	2375.5	2412.4	2435.0	2462.4	2483.9	2487.4	2489.8	2497.0	2486.2	2477.9
17.5°	2406.5	2413.6	2443.4	2452.9	2470.8	2474.3	2469.6	2457.7	2457.7	2433.9	2426.7
20°	2426.7	2423.1	2435.0	2419.6	2412.4	2391.0	2370.7	2348.1	2346.9	2321.9	2319.5
22.5°	2408.8	2385.0	2360.0	2321.9	2305.3	2274.3	2246.9	2233.8	2225.5	2193.3	2185.0
25°	2345.7	2287.4	2250.5	2205.2	2164.7	2129.0	2102.8	2075.4	2049.2	2023.0	2011.1
27.5°	2236.2	2181.4	2121.9	2058.8	2002.8	1948.0	1904.0	1876.6	1851.6	1817.1	1799.2
30°	2101.6	2025.4	1959.9	1899.2	1807.5	1740.8	1703.9	1649.2	1630.1	1614.6	1581.3
32.5°	1943.3	1851.6	1762.3	1680.1	1586.1	1524.1	1475.3	1434.8	1422.9	1382.4	1372.9
35°	1768.2	1648.0	1546.8	1465.8	1397.9	1322.9	1282.4	1255.0	1231.2	1203.8	1199.1
37.5°	1562.2	1453.9	1339.6	1268.1	1214.5	1150.2	1119.3	1100.2	1089.5	1069.3	1065.7
40°	1355.1	1246.7	1168.1	1096.7	1063.3	1028.8	1006.2	997.8	993.1	985.9	978.8
42.5°	1166.9	1071.7	1015.7	968.1	953.8	937.1	931.2	935.9	931.2	928.8	927.6
45°	1007.4	934.7	895.4	881.1	877.6	872.8	877.6	885.9	887.1	884.7	884.7
47.5°	862.1	827.6	810.9	813.3	819.2	822.8	831.1	841.8	844.2	838.3	840.7
50°	766.8	746.6	743.0	752.5	765.6	770.4	779.9	788.3	787.1	784.7	782.3
52.5°	677.5	671.6	681.1	690.6	704.9	707.3	710.9	714.4	713.2	708.5	706.1
55°	602.5	607.3	615.6	619.2	629.9	628.7	629.9	629.9	625.1	622.8	619.2
57.5°	534.6	535.8	540.6	541.8	547.7	545.4	544.2	541.8	534.6	533.4	529.9
60°	465.6	463.2	473.9	465.6	470.3	465.6	464.4	458.4	451.3	450.1	447.7
62.5°	400.1	395.3	402.5	398.9	401.3	396.5	394.1	387.0	381.0	379.8	378.7
65°	341.7	339.4	346.5	345.3	347.7	341.7	339.4	334.6	329.8	328.6	327.5
67.5°	292.9	298.9	302.4	302.4	304.8	303.6	297.7	296.5	295.3	290.5	290.5
70°	257.2	260.8	267.9	269.1	267.9	270.3	265.5	264.3	263.2	260.8	259.6
72.5°	228.6	233.4	240.5	241.7	240.5	240.5	238.1	237.0	237.0	233.4	233.4
75°	206.0	211.9	217.9	217.9	217.9	215.5	213.1	213.1	210.8	209.6	207.2
77.5°	186.9	194.1	198.9	197.7	196.5	194.1	194.1	190.5	186.9	186.9	184.6
80°	172.7	177.4	181.0	179.8	178.6	175.0	173.8	170.3	167.9	164.3	164.3
82.5°	157.2	163.1	165.5	164.3	161.9	158.4	157.2	154.8	152.4	151.2	148.8
85°	144.1	150.0	151.2	148.8	146.5	144.1	142.9	141.7	140.5	138.1	138.1
87.5°	131.0	136.9	136.9	135.7	133.4	132.2	131.0	129.8	128.6	127.4	126.2
90°	120.3	125.0	125.0	123.8	122.6	121.5	120.3	119.1	117.9	116.7	116.7
92.5°	109.5	114.3	114.3	113.1	111.9	110.7	110.7	109.5	108.4	107.2	106.0
95°	100.0	104.8	104.8	104.8	103.6	102.4	102.4	101.2	100.0	100.0	98.8
97.5°	90.5	95.3	95.3	95.3	94.1	92.9	92.9	91.7	91.7	91.7	90.5
100°	82.2	85.7	86.9	86.9	85.7	85.7	85.7	84.5	84.5	84.5	83.4
102.5°	73.8	77.4	79.8	79.8	79.8	78.6	78.6	78.6	78.6	78.6	77.4
105°	66.7	70.3	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
107.5°	60.7	64.3	66.7	67.9	69.1	69.1	70.3	70.3	70.3	70.3	70.3
110°	54.8	58.3	61.9	63.1	64.3	65.5	65.5	66.7	65.5	65.5	65.5



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	48.8	53.6	56.0	58.3	59.5	60.7	61.9	61.9	61.9	61.9	61.9
115°	44.1	48.8	51.2	53.6	56.0	57.2	57.2	58.3	58.3	58.3	57.2
117.5°	39.3	44.1	46.4	48.8	50.0	52.4	53.6	53.6	53.6	53.6	52.4
120°	35.7	39.3	41.7	44.1	46.4	47.6	48.8	48.8	48.8	48.8	48.8
122.5°	31.0	34.5	38.1	40.5	41.7	42.9	44.1	44.1	44.1	44.1	44.1
125°	27.4	31.0	33.3	35.7	36.9	39.3	39.3	39.3	39.3	39.3	39.3
127.5°	23.8	27.4	29.8	32.1	33.3	34.5	35.7	35.7	35.7	35.7	35.7
130°	20.2	23.8	26.2	28.6	29.8	31.0	31.0	32.1	32.1	32.1	32.1
132.5°	17.9	20.2	22.6	25.0	26.2	27.4	27.4	28.6	28.6	28.6	28.6
135°	14.3	17.9	19.1	21.4	22.6	23.8	23.8	25.0	25.0	25.0	25.0
137.5°	11.9	14.3	16.7	19.1	20.2	20.2	21.4	21.4	22.6	22.6	22.6
140°	9.5	10.7	14.3	15.5	16.7	17.9	19.1	19.1	19.1	19.1	19.1
142.5°	7.1	9.5	10.7	13.1	14.3	15.5	16.7	16.7	16.7	16.7	16.7
145°	6.0	7.1	8.3	10.7	11.9	13.1	14.3	14.3	14.3	14.3	14.3
147.5°	4.8	6.0	7.1	8.3	9.5	10.7	11.9	11.9	11.9	11.9	11.9
150°	3.6	4.8	6.0	6.0	7.1	8.3	9.5	10.7	10.7	10.7	10.7
152.5°	3.6	3.6	4.8	4.8	6.0	7.1	8.3	8.3	8.3	8.3	8.3
155°	2.4	3.6	3.6	3.6	4.8	4.8	6.0	7.1	7.1	7.1	7.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2305.3	2310.0	2307.6	2304.1	2302.9	2308.8	2302.9	2275.5	2286.2	2287.4	2295.7
5°	2301.7	2305.3	2302.9	2300.5	2296.9	2304.1	2296.9	2268.3	2279.1	2280.2	2288.6
7.5°	2325.5	2326.7	2326.7	2320.7	2311.2	2314.8	2305.3	2273.1	2279.1	2279.1	2285.0
10°	2385.0	2387.4	2391.0	2375.5	2363.6	2354.1	2341.0	2301.7	2300.5	2291.0	2291.0
12.5°	2462.4	2456.5	2450.5	2443.4	2433.9	2421.9	2402.9	2356.5	2341.0	2325.5	2310.0
15°	2485.1	2482.7	2481.5	2477.9	2472.0	2468.4	2454.1	2407.7	2385.0	2366.0	2338.6
17.5°	2425.5	2430.3	2445.8	2446.9	2454.1	2468.4	2466.0	2433.9	2413.6	2405.3	2371.9
20°	2318.4	2319.5	2338.6	2346.9	2377.9	2401.7	2419.6	2416.0	2411.2	2420.8	2395.7
22.5°	2189.8	2198.1	2218.3	2231.4	2261.2	2288.6	2317.2	2332.6	2357.6	2396.9	2392.2
25°	2014.7	2025.4	2054.0	2075.4	2117.1	2158.8	2196.9	2224.3	2254.1	2329.1	2354.1
27.5°	1805.1	1821.8	1858.7	1880.2	1938.5	1981.4	2036.1	2089.7	2131.4	2217.1	2268.3
30°	1584.9	1599.1	1638.4	1668.2	1718.2	1776.6	1845.6	1921.8	1990.9	2077.8	2142.1
32.5°	1378.9	1394.3	1426.5	1452.7	1508.7	1557.5	1633.7	1727.7	1792.0	1912.3	1998.0
35°	1199.1	1213.4	1236.0	1258.6	1305.0	1355.1	1420.5	1512.2	1594.4	1719.4	1827.8
37.5°	1072.8	1075.2	1088.3	1101.4	1136.0	1174.1	1225.3	1306.2	1382.4	1517.0	1636.1
40°	982.4	982.4	989.5	993.1	1008.5	1031.2	1063.3	1126.4	1189.5	1291.9	1437.2
42.5°	926.4	924.0	924.0	925.2	924.0	934.7	953.8	983.5	1039.5	1124.0	1237.2
45°	884.7	879.9	876.4	868.0	863.3	863.3	864.5	875.2	907.3	962.1	1053.8
47.5°	838.3	837.1	831.1	821.6	813.3	807.3	797.8	794.2	803.7	834.7	896.6
50°	784.7	778.7	772.8	765.6	756.1	750.2	732.3	733.5	725.2	739.4	771.6
52.5°	706.1	701.3	699.0	693.0	689.4	687.1	672.8	658.5	654.9	657.3	669.2
55°	619.2	621.6	612.0	616.8	615.6	604.9	598.9	588.2	584.6	583.5	589.4
57.5°	528.7	531.1	525.1	529.9	529.9	523.9	520.3	520.3	512.0	504.9	513.2
60°	446.5	441.8	445.3	451.3	451.3	447.7	445.3	445.3	439.4	437.0	443.0
62.5°	379.8	375.1	378.7	384.6	385.8	383.4	381.0	381.0	373.9	373.9	378.7
65°	328.6	329.8	328.6	333.4	333.4	334.6	332.2	329.8	321.5	325.1	323.9
67.5°	291.7	290.5	290.5	295.3	294.1	296.5	294.1	290.5	284.6	279.8	278.6
70°	260.8	259.6	259.6	262.0	263.2	263.2	262.0	259.6	251.2	246.5	242.9
72.5°	233.4	232.2	233.4	234.6	235.8	237.0	235.8	233.4	226.2	220.3	214.3
75°	208.4	207.2	210.8	210.8	211.9	211.9	213.1	211.9	206.0	198.9	191.7
77.5°	183.4	184.6	188.1	189.3	191.7	192.9	194.1	194.1	188.1	182.2	172.7
80°	163.1	165.5	167.9	169.1	171.5	175.0	176.2	177.4	172.7	166.7	156.0
82.5°	148.8	150.0	152.4	153.6	157.2	158.4	159.6	161.9	159.6	153.6	141.7
85°	136.9	138.1	140.5	140.5	142.9	145.3	146.5	147.7	146.5	140.5	128.6
87.5°	126.2	127.4	128.6	129.8	131.0	132.2	133.4	134.6	133.4	127.4	116.7
90°	116.7	116.7	117.9	117.9	119.1	120.3	122.6	122.6	121.5	116.7	106.0
92.5°	106.0	107.2	107.2	108.4	109.5	110.7	111.9	111.9	110.7	106.0	96.4
95°	98.8	98.8	100.0	100.0	101.2	101.2	102.4	102.4	101.2	96.4	86.9
97.5°	90.5	90.5	90.5	90.5	91.7	91.7	92.9	92.9	91.7	86.9	78.6
100°	83.4	83.4	83.4	83.4	83.4	84.5	84.5	84.5	83.4	78.6	70.3
102.5°	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	75.0	71.4	63.1
105°	73.8	73.8	73.8	72.6	72.6	72.6	71.4	71.4	67.9	64.3	57.2
107.5°	69.1	69.1	69.1	67.9	67.9	66.7	65.5	65.5	61.9	58.3	51.2
110°	65.5	65.5	65.5	64.3	63.1	61.9	60.7	59.5	56.0	51.2	45.2



TEST NUMBER: P290230

CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	61.9	61.9	60.7	60.7	59.5	58.3	56.0	54.8	51.2	46.4	40.5
115°	57.2	57.2	57.2	56.0	54.8	53.6	52.4	50.0	46.4	41.7	35.7
117.5°	52.4	52.4	52.4	51.2	50.0	48.8	47.6	45.2	41.7	36.9	32.1
120°	47.6	47.6	47.6	46.4	45.2	44.1	42.9	40.5	36.9	33.3	27.4
122.5°	44.1	44.1	42.9	41.7	40.5	39.3	38.1	35.7	33.3	28.6	23.8
125°	39.3	39.3	38.1	38.1	36.9	35.7	34.5	32.1	28.6	25.0	21.4
127.5°	35.7	34.5	34.5	34.5	33.3	32.1	29.8	28.6	25.0	21.4	17.9
130°	31.0	31.0	31.0	29.8	29.8	28.6	26.2	23.8	21.4	19.1	15.5
132.5°	27.4	27.4	27.4	27.4	26.2	25.0	22.6	21.4	19.1	15.5	13.1
135°	25.0	25.0	23.8	23.8	22.6	21.4	20.2	17.9	15.5	13.1	10.7
137.5°	21.4	21.4	21.4	20.2	20.2	19.1	16.7	15.5	14.3	11.9	9.5
140°	19.1	19.1	17.9	17.9	16.7	16.7	15.5	13.1	11.9	9.5	8.3
142.5°	16.7	16.7	15.5	15.5	14.3	14.3	13.1	11.9	9.5	8.3	6.0
145°	14.3	14.3	13.1	13.1	13.1	11.9	10.7	9.5	8.3	7.1	6.0
147.5°	11.9	11.9	11.9	10.7	10.7	9.5	9.5	8.3	7.1	6.0	4.8
150°	10.7	10.7	9.5	9.5	9.5	8.3	7.1	7.1	6.0	4.8	3.6
152.5°	8.3	8.3	8.3	8.3	7.1	7.1	6.0	6.0	4.8	3.6	3.6
155°	7.1	7.1	7.1	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



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CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3	2305.3
2.5°	2292.2	2291.0	2301.7	2300.5	2286.2	2307.6	2321.9
5°	2286.2	2285.0	2294.5	2296.9	2281.4	2304.1	2319.5
7.5°	2281.4	2280.2	2291.0	2294.5	2279.1	2299.3	2316.0
10°	2282.6	2276.7	2286.2	2288.6	2274.3	2295.7	2310.0
12.5°	2291.0	2276.7	2280.2	2280.2	2267.1	2286.2	2301.7
15°	2311.2	2281.4	2276.7	2273.1	2256.4	2274.3	2289.8
17.5°	2333.8	2293.3	2276.7	2264.8	2244.5	2260.0	2276.7
20°	2356.5	2306.4	2279.1	2260.0	2232.6	2246.9	2258.8
22.5°	2367.2	2318.4	2281.4	2252.9	2218.3	2225.5	2238.6
25°	2352.9	2313.6	2276.7	2242.1	2200.5	2201.7	2212.4
27.5°	2300.5	2289.8	2266.0	2231.4	2186.2	2180.2	2188.6
30°	2211.2	2241.0	2242.1	2217.1	2169.5	2157.6	2161.2
32.5°	2086.2	2152.8	2192.1	2187.4	2145.7	2129.0	2131.4
35°	1942.1	2025.4	2111.2	2139.7	2110.0	2096.9	2092.1
37.5°	1769.4	1881.4	1995.7	2065.9	2061.2	2052.8	2048.1
40°	1578.9	1713.5	1849.2	1961.1	1995.7	1995.7	1998.0
42.5°	1375.3	1532.5	1681.3	1823.0	1904.0	1921.8	1929.0
45°	1178.8	1337.2	1499.1	1662.3	1770.6	1826.6	1846.8
47.5°	1000.2	1159.8	1313.4	1492.0	1636.1	1708.7	1740.8
50°	847.8	966.9	1128.8	1306.2	1463.4	1552.7	1615.8
52.5°	721.6	814.5	956.2	1121.7	1280.0	1402.7	1461.0
55°	615.6	678.7	799.0	941.9	1093.1	1220.5	1288.4
57.5°	526.3	576.3	658.5	777.5	905.0	1031.2	1103.8
60°	447.7	482.2	538.2	632.3	740.6	849.0	919.2
62.5°	379.8	402.5	439.4	508.4	593.0	677.5	743.0
65°	327.5	337.0	357.2	400.1	464.4	528.7	584.6
67.5°	276.2	282.2	297.7	323.9	356.0	402.5	439.4
70°	238.1	238.1	239.3	254.8	271.5	301.3	327.5
72.5°	207.2	203.6	196.5	200.0	203.6	220.3	237.0
75°	182.2	173.8	161.9	157.2	154.8	157.2	166.7
77.5°	160.7	148.8	134.6	122.6	113.1	109.5	117.9
80°	142.9	128.6	111.9	96.4	81.0	72.6	76.2
82.5°	128.6	110.7	92.9	75.0	57.2	45.2	45.2
85°	113.1	96.4	77.4	58.3	40.5	25.0	22.6
87.5°	102.4	84.5	64.3	46.4	28.6	13.1	7.1
90°	91.7	73.8	54.8	36.9	20.2	6.0	0.0
92.5°	82.2	65.5	47.6	29.8	14.3	3.6	0.0
95°	73.8	58.3	40.5	25.0	11.9	2.4	1.2
97.5°	65.5	51.2	35.7	20.2	8.3	2.4	1.2
100°	59.5	45.2	31.0	16.7	7.1	1.2	1.2
102.5°	52.4	40.5	26.2	14.3	6.0	1.2	1.2
105°	46.4	35.7	22.6	11.9	4.8	1.2	1.2
107.5°	41.7	31.0	20.2	10.7	4.8	1.2	1.2
110°	36.9	27.4	17.9	9.5	3.6	1.2	1.2



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CATALOG NUMBER: 8SSRK-LC-60-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	33.3	23.8	15.5	8.3	2.4	1.2	1.2
115°	28.6	21.4	13.1	7.1	2.4	1.2	1.2
117.5°	25.0	17.9	11.9	6.0	2.4	1.2	1.2
120°	21.4	15.5	9.5	4.8	1.2	1.2	1.2
122.5°	19.1	13.1	8.3	4.8	1.2	1.2	1.2
125°	16.7	11.9	7.1	3.6	1.2	1.2	1.2
127.5°	14.3	9.5	6.0	2.4	1.2	1.2	1.2
130°	11.9	8.3	4.8	2.4	1.2	1.2	1.2
132.5°	9.5	7.1	4.8	2.4	1.2	1.2	1.2
135°	8.3	6.0	3.6	2.4	1.2	1.2	1.2
137.5°	7.1	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)