

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: P290197

Luminaire Tested: **4SSRK-LC-60-L935-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290197
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-L935-CD1-U
Description: 6000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5410.1 lumens
Efficiency: N/A
Efficacy: 120.8 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

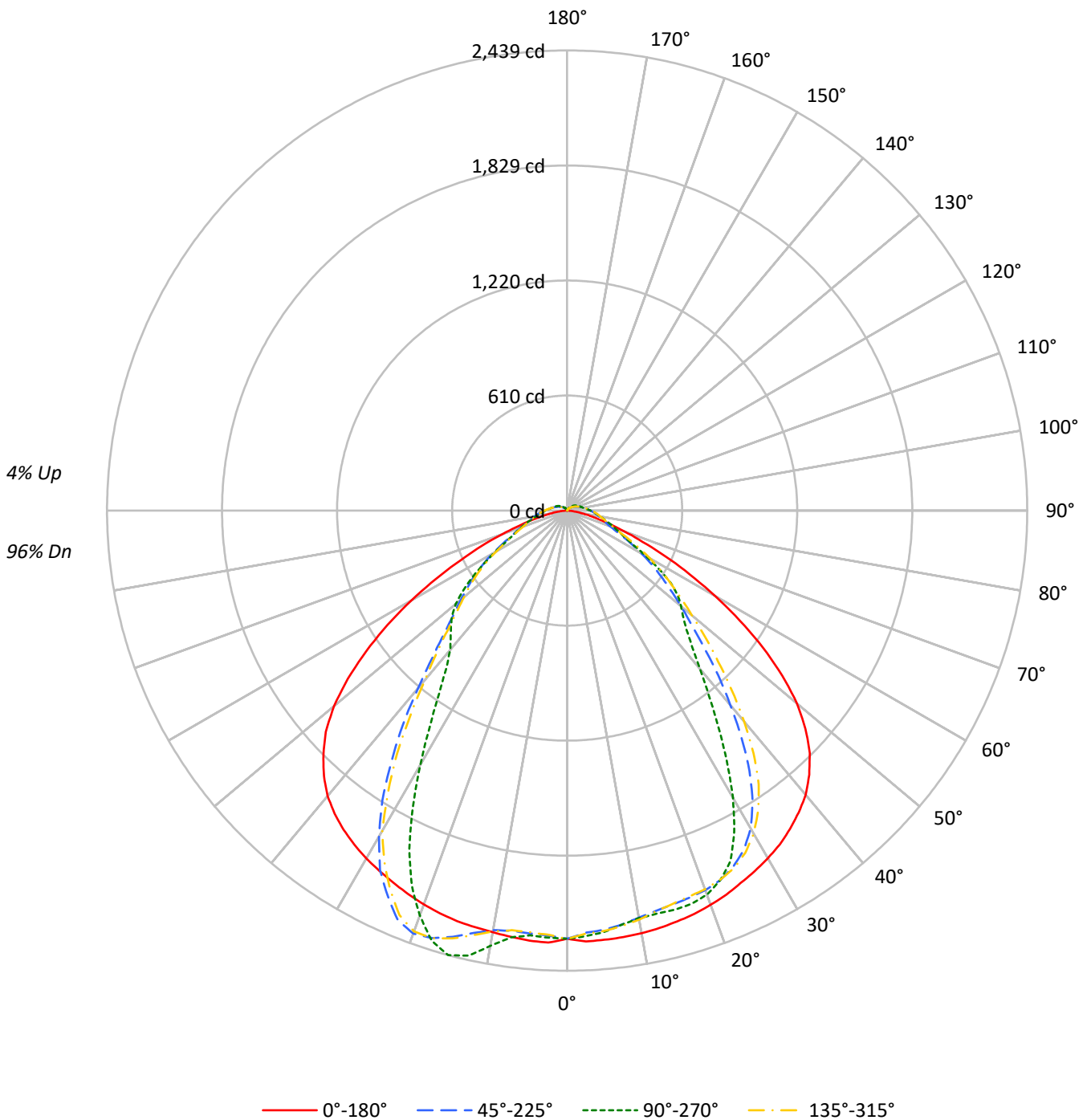
Input Watts (W): 44.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	146565	146565	146565	146565
5°	147501	107693	147804	108533
10°	148046	84342	147740	90068
15°	149054	70705	148975	78725
20°	150547	60624	150391	63904
25°	152245	50960	152161	49241
30°	154936	39597	155024	35079
35°	157778	28935	158230	24485
40°	160230	21166	160898	18648
45°	159412	16338	160237	15910
50°	152262	13723	154397	13417
55°	134786	11247	138155	10225
60°	109027	7830	114809	7182
65°	80746	5423	86989	5144
70°	54625	4210	61571	4024
75°	35437	3379	41268	3196
80°	22562	2761	26443	2541
85°	11194	2362	14707	2157



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.6	4.0
10°-20°	641.4	11.9
20°-30°	975.1	18.0
30°-40°	1046.0	19.3
40°-50°	907.9	16.8
50°-60°	672.8	12.4
60°-70°	385.5	7.1
70°-80°	213.5	3.9
80°-90°	130.0	2.4
90°-100°	84.5	1.6
100°-110°	56.6	1.0
110°-120°	38.2	0.7
120°-130°	23.5	0.4
130°-140°	12.3	0.2
140°-150°	5.6	0.1
150°-160°	1.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1832.1	33.9
0°-40°	2878.1	53.2
0°-60°	4458.7	82.4
0°-90°	5187.7	95.9
90°-120°	179.4	3.3
90°-150°	220.8	4.1
90°-180°	222.0	4.1
0°-180°	5410.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2269	2269	2269	2269	2269	
5°	2284	2242	2288	2260	2284	218
15°	2254	2191	2253	2439	2254	638
25°	2178	2049	2177	1980	2178	1007
35°	2060	1395	2066	1180	2060	1289
45°	1818	894	1828	871	1818	1392
55°	1268	670	1300	610	1268	1125
65°	576	340	620	322	576	580
75°	164	216	191	204	164	187
85°	22	149	29	136	22	29
90°	0	124	2	115	0	1
95°	1	102	0	97	1	1
105°	1	76	1	73	1	1
115°	1	62	1	56	1	1
125°	1	47	1	39	1	1
135°	1	29	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	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2285.8	2280.0	2277.6	2272.9	2276.5	2290.5	2281.1	2265.9	2267.1	2240.1	2254.2
5°	2283.5	2276.5	2272.9	2268.2	2270.6	2283.5	2274.1	2258.9	2257.7	2230.7	2243.6
7.5°	2280.0	2272.9	2267.1	2263.6	2264.7	2275.3	2263.6	2246.0	2242.5	2213.2	2224.9
10°	2274.1	2269.4	2261.2	2255.4	2254.2	2265.9	2247.1	2229.6	2221.4	2190.9	2202.6
12.5°	2265.9	2258.9	2250.7	2240.1	2238.9	2246.0	2230.7	2206.1	2197.9	2173.3	2186.2
15°	2254.2	2246.0	2236.6	2224.9	2219.0	2223.7	2204.9	2182.7	2181.5	2160.4	2178.0
17.5°	2241.3	2229.6	2219.0	2202.6	2194.4	2197.9	2182.7	2162.7	2165.1	2152.2	2172.1
20°	2223.7	2210.8	2194.4	2178.0	2166.3	2172.1	2161.6	2146.3	2149.9	2140.5	2158.1
22.5°	2203.8	2186.2	2166.3	2147.5	2138.1	2146.3	2138.1	2125.2	2126.4	2120.5	2131.1
25°	2178.0	2158.1	2134.6	2111.2	2106.5	2112.3	2107.7	2097.1	2092.4	2083.0	2087.7
27.5°	2154.5	2132.3	2103.0	2078.3	2070.1	2081.9	2071.3	2053.7	2040.8	2027.9	2018.6
30°	2127.6	2100.6	2067.8	2039.7	2032.6	2037.3	2022.1	1995.1	1961.1	1944.7	1918.9
32.5°	2098.3	2063.1	2022.1	1990.4	1985.7	1982.2	1954.1	1915.4	1862.7	1829.8	1790.0
35°	2059.6	2020.9	1971.7	1933.0	1926.0	1906.0	1860.3	1808.7	1740.7	1684.5	1616.5
37.5°	2016.2	1970.5	1918.9	1867.3	1847.4	1807.6	1743.1	1689.2	1586.0	1518.0	1436.0
40°	1967.0	1911.9	1848.6	1786.5	1753.6	1689.2	1615.3	1535.6	1436.0	1344.5	1275.4
42.5°	1899.0	1840.4	1765.4	1696.2	1639.9	1554.4	1467.6	1355.1	1263.7	1186.3	1116.0
45°	1818.1	1747.8	1661.0	1577.8	1506.3	1404.3	1302.3	1189.8	1113.6	1023.3	975.3
47.5°	1713.8	1637.6	1545.0	1452.4	1358.6	1246.1	1139.4	1031.6	955.4	890.9	855.7
50°	1590.7	1520.4	1418.4	1308.2	1205.0	1087.8	981.1	900.3	826.4	786.6	759.6
52.5°	1438.3	1372.7	1268.3	1148.8	1049.1	934.3	837.0	771.3	718.6	689.3	679.9
55°	1268.3	1210.9	1107.7	996.4	894.4	788.9	715.1	657.6	623.6	606.0	607.2
57.5°	1086.6	1042.1	944.8	845.2	749.0	669.3	602.5	556.8	531.0	529.8	533.4
60°	905.0	872.1	787.7	702.2	617.8	553.3	504.1	472.4	456.0	457.2	456.0
62.5°	731.5	701.0	640.0	569.7	502.9	459.5	415.0	402.1	388.0	386.8	386.8
65°	575.6	552.1	502.9	452.5	402.1	373.9	351.7	336.4	325.9	323.5	324.7
67.5°	432.5	423.2	389.2	355.2	323.5	305.9	287.2	283.7	275.5	275.5	277.8
70°	322.4	315.3	296.6	276.6	263.7	252.0	242.6	242.6	241.5	240.3	246.2
72.5°	233.3	234.4	228.6	213.3	212.2	209.8	207.5	211.0	212.2	215.7	222.7
75°	164.1	167.6	167.6	165.3	170.0	175.8	179.3	185.2	192.2	196.9	205.1
77.5°	116.0	116.0	121.9	128.9	138.3	148.9	158.2	166.5	175.8	181.7	188.7
80°	75.0	78.5	87.9	100.8	113.7	127.8	140.7	151.2	160.6	170.0	174.7
82.5°	44.5	50.4	62.1	78.5	94.9	112.5	125.4	138.3	148.9	158.2	161.8
85°	22.3	30.5	44.5	62.1	79.7	98.5	114.9	126.6	138.3	146.5	151.2
87.5°	7.0	16.4	31.6	48.1	66.8	85.6	103.2	116.0	126.6	133.6	138.3
90°	0.0	8.2	22.3	39.9	57.4	76.2	92.6	106.7	117.2	123.1	126.6
92.5°	0.0	4.7	17.6	32.8	49.2	68.0	84.4	97.3	106.7	112.5	114.9
95°	1.2	3.5	12.9	27.0	43.4	61.0	76.2	87.9	97.3	103.2	104.3
97.5°	1.2	2.3	10.5	22.3	37.5	53.9	69.2	80.9	87.9	93.8	94.9
100°	1.2	2.3	8.2	19.9	32.8	48.1	62.1	72.7	80.9	85.6	86.7
102.5°	1.2	1.2	7.0	16.4	29.3	42.2	55.1	65.6	72.7	77.4	79.7
105°	1.2	1.2	5.9	14.1	25.8	37.5	49.2	59.8	65.6	70.3	72.7
107.5°	1.2	1.2	4.7	11.7	22.3	32.8	44.5	52.7	59.8	64.5	66.8
110°	1.2	1.2	3.5	10.5	18.8	29.3	38.7	46.9	53.9	58.6	61.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.2	1.2	3.5	9.4	16.4	25.8	34.0	42.2	48.1	52.7	56.3
115°	1.2	1.2	3.5	8.2	15.2	22.3	30.5	37.5	43.4	48.1	51.6
117.5°	1.2	1.2	3.5	7.0	12.9	19.9	27.0	34.0	38.7	43.4	46.9
120°	1.2	1.2	2.3	5.9	11.7	17.6	23.4	29.3	35.2	39.9	43.4
122.5°	1.2	1.2	2.3	5.9	9.4	15.2	21.1	25.8	31.6	35.2	38.7
125°	1.2	1.2	2.3	4.7	8.2	14.1	18.8	23.4	27.0	31.6	35.2
127.5°	1.2	1.2	2.3	4.7	7.0	11.7	16.4	21.1	24.6	28.1	30.5
130°	1.2	1.2	2.3	3.5	5.9	9.4	14.1	17.6	22.3	24.6	27.0
132.5°	1.2	1.2	1.2	3.5	4.7	7.0	10.5	15.2	18.8	22.3	23.4
135°	1.2	1.2	1.2	2.3	4.7	5.9	8.2	11.7	15.2	18.8	21.1
137.5°	1.2	1.2	1.2	2.3	3.5	5.9	7.0	9.4	12.9	15.2	18.8
140°	1.2	1.2	1.2	2.3	3.5	4.7	5.9	8.2	10.5	12.9	15.2
142.5°	1.2	1.2	1.2	2.3	2.3	3.5	4.7	7.0	8.2	10.5	12.9
145°	1.2	1.2	1.2	2.3	2.3	3.5	4.7	5.9	7.0	8.2	10.5
147.5°	1.2	1.2	1.2	2.3	2.3	2.3	3.5	4.7	5.9	7.0	8.2
150°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.7	5.9	7.0
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	3.5	4.7	5.9
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.7	4.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2249.5	2251.8	2265.9	2264.7	2262.4	2260.0	2260.0	2257.7	2260.0	2265.9	2263.6
5°	2237.8	2241.3	2251.8	2250.7	2248.3	2247.1	2246.0	2242.5	2244.8	2253.0	2250.7
7.5°	2216.7	2220.2	2229.6	2224.9	2221.4	2223.7	2217.8	2214.3	2219.0	2227.2	2226.0
10°	2194.4	2196.7	2208.5	2206.1	2200.3	2201.4	2195.6	2193.2	2199.1	2203.8	2204.9
12.5°	2179.2	2187.4	2197.9	2196.7	2195.6	2196.7	2190.9	2188.5	2192.1	2196.7	2195.6
15°	2175.6	2186.2	2197.9	2197.9	2199.1	2200.3	2194.4	2190.9	2194.4	2197.9	2196.7
17.5°	2172.1	2185.0	2195.6	2194.4	2195.6	2197.9	2188.5	2186.2	2190.9	2195.6	2193.2
20°	2160.4	2172.1	2179.2	2176.8	2176.8	2178.0	2166.3	2166.3	2173.3	2176.8	2178.0
22.5°	2127.6	2141.6	2141.6	2135.8	2135.8	2131.1	2127.6	2120.5	2128.8	2134.6	2139.3
25°	2078.3	2084.2	2077.2	2064.3	2057.2	2051.4	2035.0	2049.0	2049.0	2066.6	2072.5
27.5°	2009.2	1996.3	1976.4	1949.4	1943.5	1924.8	1914.2	1917.8	1923.6	1948.2	1967.0
30°	1895.5	1856.8	1822.8	1811.1	1785.3	1766.5	1747.8	1757.2	1767.7	1781.8	1820.5
32.5°	1745.4	1707.9	1652.8	1632.9	1605.9	1582.5	1560.2	1574.3	1593.0	1602.4	1644.6
35°	1573.1	1528.6	1478.2	1444.2	1416.0	1403.1	1375.0	1394.9	1414.9	1421.9	1458.2
37.5°	1390.3	1344.5	1300.0	1270.7	1243.7	1235.5	1216.8	1230.8	1246.1	1256.6	1287.1
40°	1216.8	1174.6	1140.6	1120.6	1101.9	1094.9	1087.8	1093.7	1105.4	1113.6	1137.1
42.5°	1067.9	1033.9	1010.5	998.7	985.8	976.5	977.6	980.0	985.8	1003.4	1014.0
45°	937.8	917.8	902.6	900.3	892.1	890.9	889.7	894.4	897.9	908.5	916.7
47.5°	833.4	825.2	821.7	826.4	829.9	825.2	827.6	833.4	840.5	840.5	839.3
50°	751.4	753.7	758.4	769.0	776.0	778.4	780.7	787.7	788.9	791.2	787.7
52.5°	684.6	686.9	699.8	716.2	724.4	727.9	732.6	739.7	739.7	742.0	737.3
55°	616.6	620.1	633.0	649.4	656.4	661.1	665.8	670.5	674.0	678.7	675.2
57.5°	541.6	552.1	560.3	565.0	569.7	573.2	576.7	577.9	584.9	586.1	592.0
60°	461.9	464.2	472.4	471.2	467.7	477.1	472.4	480.6	488.8	499.4	500.5
62.5°	385.7	386.8	392.7	390.3	395.0	393.9	397.4	397.4	403.2	407.9	413.8
65°	325.9	327.0	331.7	331.7	330.6	334.1	337.6	339.9	339.9	343.5	348.1
67.5°	281.3	284.8	289.5	291.9	294.2	294.2	297.7	298.9	301.3	302.4	304.8
70°	250.9	255.5	260.2	262.6	263.7	266.1	267.3	267.3	269.6	270.8	273.1
72.5°	228.6	233.3	236.8	236.8	239.1	240.3	240.3	241.5	242.6	245.0	247.3
75°	209.8	213.3	215.7	214.5	214.5	214.5	215.7	215.7	218.0	220.4	222.7
77.5°	192.2	195.8	195.8	193.4	193.4	193.4	193.4	194.6	195.8	198.1	200.4
80°	179.3	179.3	178.2	178.2	175.8	174.7	174.7	175.8	175.8	178.2	181.7
82.5°	165.3	165.3	164.1	162.9	161.8	160.6	160.6	161.8	162.9	164.1	166.5
85°	152.4	152.4	150.0	150.0	148.9	148.9	148.9	148.9	150.0	151.2	153.6
87.5°	139.5	138.3	137.1	136.0	136.0	136.0	136.0	136.0	137.1	139.5	140.7
90°	126.6	125.4	124.3	124.3	123.1	123.1	124.3	124.3	125.4	126.6	127.8
92.5°	114.9	113.7	112.5	112.5	111.4	111.4	112.5	111.4	113.7	113.7	114.9
95°	104.3	103.2	102.0	102.0	102.0	102.0	102.0	102.0	103.2	103.2	104.3
97.5°	94.9	93.8	92.6	92.6	93.8	92.6	93.8	93.8	93.8	94.9	96.1
100°	86.7	85.6	85.6	86.7	85.6	85.6	86.7	86.7	86.7	86.7	87.9
102.5°	79.7	79.7	79.7	79.7	79.7	79.7	80.9	80.9	80.9	80.9	82.1
105°	72.7	73.8	73.8	73.8	75.0	75.0	75.0	76.2	76.2	76.2	76.2
107.5°	68.0	69.2	69.2	70.3	70.3	71.5	71.5	71.5	71.5	72.7	72.7
110°	63.3	64.5	65.6	66.8	66.8	68.0	68.0	68.0	68.0	68.0	68.0



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	58.6	59.8	61.0	63.3	64.5	64.5	64.5	64.5	65.6	65.6	64.5
115°	53.9	56.3	57.4	59.8	61.0	61.0	62.1	62.1	62.1	62.1	61.0
117.5°	49.2	52.7	53.9	56.3	57.4	57.4	58.6	58.6	58.6	58.6	57.4
120°	45.7	48.1	50.4	51.6	52.7	53.9	53.9	55.1	55.1	55.1	53.9
122.5°	42.2	44.5	46.9	48.1	49.2	50.4	50.4	50.4	50.4	50.4	50.4
125°	37.5	39.9	42.2	43.4	44.5	45.7	45.7	46.9	46.9	46.9	45.7
127.5°	34.0	36.3	37.5	39.9	41.0	41.0	42.2	42.2	42.2	42.2	41.0
130°	29.3	31.6	34.0	35.2	36.3	36.3	37.5	37.5	37.5	37.5	37.5
132.5°	25.8	28.1	29.3	31.6	31.6	32.8	32.8	34.0	34.0	34.0	32.8
135°	23.4	24.6	25.8	28.1	28.1	29.3	29.3	29.3	29.3	29.3	29.3
137.5°	21.1	22.3	23.4	24.6	24.6	25.8	25.8	25.8	25.8	27.0	25.8
140°	17.6	19.9	21.1	21.1	22.3	22.3	22.3	23.4	23.4	23.4	22.3
142.5°	15.2	16.4	17.6	18.8	19.9	19.9	19.9	19.9	21.1	19.9	19.9
145°	11.7	14.1	15.2	16.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6
147.5°	9.4	10.5	12.9	14.1	14.1	15.2	15.2	15.2	15.2	15.2	15.2
150°	8.2	8.2	10.5	11.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9
152.5°	5.9	7.0	8.2	9.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5
155°	5.9	5.9	7.0	7.0	8.2	8.2	8.2	8.2	9.4	8.2	8.2
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: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2260.0	2258.9	2263.6	2258.9	2235.4	2244.8	2241.3	2254.2	2255.4	2258.9	2270.6
5°	2248.3	2248.3	2254.2	2249.5	2227.2	2236.6	2235.4	2248.3	2250.7	2253.0	2265.9
7.5°	2224.9	2226.0	2234.3	2230.7	2207.3	2221.4	2220.2	2235.4	2240.1	2244.8	2256.5
10°	2202.6	2201.4	2210.8	2207.3	2185.0	2201.4	2200.3	2215.5	2222.5	2230.7	2244.8
12.5°	2190.9	2187.4	2190.9	2187.4	2162.7	2175.6	2176.8	2194.4	2202.6	2213.2	2229.6
15°	2190.9	2185.0	2185.0	2178.0	2149.9	2158.1	2159.2	2171.0	2181.5	2192.1	2212.0
17.5°	2188.5	2182.7	2181.5	2175.6	2145.2	2145.2	2144.0	2152.2	2158.1	2168.6	2189.7
20°	2175.6	2173.3	2172.1	2168.6	2140.5	2135.8	2133.4	2133.4	2137.0	2140.5	2161.6
22.5°	2141.6	2144.0	2146.3	2148.7	2126.4	2118.2	2119.4	2117.0	2113.5	2113.5	2131.1
25°	2078.3	2090.1	2099.4	2110.0	2097.1	2091.2	2098.3	2094.8	2088.9	2084.2	2099.4
27.5°	1977.5	2002.2	2022.1	2047.9	2049.0	2044.4	2063.1	2060.8	2059.6	2052.6	2064.3
30°	1838.0	1876.7	1903.7	1941.2	1972.8	1977.5	2009.2	2013.9	2018.6	2015.0	2026.8
32.5°	1669.2	1722.0	1767.7	1826.3	1856.8	1883.8	1928.3	1947.1	1965.8	1971.7	1984.6
35°	1485.2	1545.0	1598.9	1663.4	1711.4	1770.1	1824.0	1852.1	1894.3	1910.7	1929.5
37.5°	1310.5	1366.8	1419.6	1484.0	1561.4	1622.4	1689.2	1752.5	1809.9	1833.4	1861.5
40°	1155.8	1201.5	1251.9	1308.2	1378.5	1458.2	1530.9	1618.8	1686.8	1733.7	1774.7
42.5°	1038.6	1060.9	1104.2	1154.6	1210.9	1291.8	1365.6	1464.1	1546.2	1613.0	1681.0
45°	934.3	944.8	976.5	1003.4	1060.9	1132.4	1210.9	1307.0	1392.6	1478.2	1560.2
47.5°	845.2	858.1	873.3	889.7	930.7	990.5	1058.5	1145.3	1230.8	1330.5	1424.2
50°	785.4	788.9	791.2	798.3	822.9	863.9	919.0	992.9	1074.9	1181.6	1281.2
52.5°	732.6	732.6	725.6	722.1	731.5	757.3	788.9	841.7	926.1	1024.5	1130.0
55°	676.4	665.8	663.5	651.8	654.1	665.8	681.1	722.1	791.2	875.6	977.6
57.5°	597.8	593.1	593.1	588.5	579.1	584.9	588.5	617.8	667.0	739.7	828.8
60°	507.6	505.2	511.1	512.3	504.1	507.6	506.4	524.0	559.1	617.8	691.6
62.5°	417.3	427.9	429.0	433.7	429.0	427.9	433.7	449.0	466.5	511.1	568.5
65°	350.5	356.4	357.5	363.4	361.0	361.0	365.7	377.5	388.0	418.5	463.0
67.5°	307.1	304.8	305.9	309.5	305.9	304.8	308.3	315.3	323.5	342.3	373.9
70°	273.1	270.8	270.8	270.8	266.1	262.6	263.7	266.1	269.6	280.2	300.1
72.5°	247.3	247.3	243.8	240.3	236.8	234.4	232.1	229.8	228.6	232.1	242.6
75°	223.9	225.1	223.9	220.4	215.7	211.0	206.3	201.6	195.8	193.4	194.6
77.5°	202.8	204.0	205.1	204.0	199.3	193.4	186.4	179.3	171.1	162.9	158.2
80°	184.0	186.4	187.6	186.4	182.9	178.2	170.0	161.8	150.0	139.5	127.8
82.5°	167.6	171.1	172.3	172.3	170.0	165.3	155.9	146.5	133.6	119.6	104.3
85°	154.7	157.1	159.4	159.4	158.2	153.6	144.2	133.6	120.7	104.3	87.9
87.5°	141.8	143.0	145.4	147.7	145.4	140.7	132.5	120.7	107.8	91.4	72.7
90°	128.9	130.1	132.5	134.8	133.6	128.9	121.9	111.4	97.3	79.7	61.0
92.5°	116.0	118.4	119.6	120.7	121.9	118.4	112.5	102.0	87.9	70.3	52.7
95°	106.7	106.7	109.0	110.2	111.4	107.8	103.2	92.6	79.7	63.3	45.7
97.5°	97.3	97.3	99.6	99.6	100.8	98.5	93.8	84.4	71.5	56.3	38.7
100°	87.9	89.1	90.3	91.4	91.4	90.3	85.6	76.2	64.5	50.4	34.0
102.5°	82.1	82.1	83.2	83.2	84.4	82.1	77.4	69.2	57.4	44.5	29.3
105°	76.2	76.2	77.4	77.4	76.2	73.8	69.2	62.1	51.6	38.7	25.8
107.5°	71.5	71.5	71.5	71.5	70.3	68.0	63.3	55.1	45.7	35.2	23.4
110°	68.0	66.8	66.8	65.6	64.5	61.0	56.3	49.2	41.0	30.5	19.9



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	64.5	63.3	62.1	61.0	58.6	55.1	50.4	44.5	36.3	27.0	17.6
115°	61.0	59.8	58.6	56.3	53.9	50.4	45.7	39.9	31.6	23.4	15.2
117.5°	57.4	56.3	53.9	51.6	49.2	45.7	41.0	35.2	28.1	21.1	14.1
120°	52.7	51.6	50.4	48.1	45.7	41.0	36.3	31.6	24.6	18.8	11.7
122.5°	49.2	48.1	45.7	44.5	41.0	37.5	32.8	28.1	22.3	16.4	10.5
125°	44.5	43.4	42.2	39.9	37.5	32.8	29.3	24.6	19.9	14.1	8.2
127.5°	41.0	39.9	37.5	35.2	32.8	29.3	25.8	22.3	17.6	11.7	8.2
130°	36.3	35.2	34.0	31.6	29.3	25.8	23.4	18.8	15.2	10.5	7.0
132.5°	31.6	31.6	30.5	28.1	25.8	23.4	19.9	16.4	12.9	9.4	5.9
135°	29.3	28.1	27.0	24.6	23.4	19.9	17.6	14.1	10.5	8.2	4.7
137.5°	25.8	24.6	23.4	22.3	19.9	17.6	15.2	11.7	9.4	7.0	4.7
140°	22.3	21.1	21.1	18.8	17.6	15.2	12.9	10.5	8.2	5.9	3.5
142.5°	19.9	18.8	17.6	16.4	15.2	12.9	10.5	8.2	7.0	4.7	3.5
145°	17.6	16.4	15.2	14.1	12.9	10.5	9.4	7.0	5.9	4.7	3.5
147.5°	14.1	14.1	12.9	11.7	10.5	9.4	8.2	7.0	4.7	3.5	2.3
150°	11.7	11.7	10.5	9.4	9.4	8.2	7.0	5.9	4.7	3.5	2.3
152.5°	10.5	9.4	9.4	8.2	8.2	7.0	5.9	4.7	3.5	3.5	2.3
155°	8.2	8.2	8.2	7.0	7.0	5.9	4.7	4.7	3.5	2.3	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2272.9	2258.9	2270.6	2291.7	2289.3	2287.0	2284.7	2289.3	2304.6	2296.4	2283.5
5°	2269.4	2255.4	2268.2	2288.2	2287.0	2283.5	2281.1	2285.8	2301.1	2292.9	2278.8
7.5°	2262.4	2249.5	2258.9	2278.8	2278.8	2276.5	2274.1	2278.8	2292.9	2285.8	2271.8
10°	2250.7	2241.3	2250.7	2269.4	2270.6	2265.9	2263.6	2269.4	2283.5	2280.0	2268.2
12.5°	2241.3	2231.9	2242.5	2261.2	2262.4	2257.7	2254.2	2261.2	2280.0	2282.3	2278.8
15°	2228.4	2220.2	2233.1	2253.0	2253.0	2249.5	2249.5	2258.9	2284.7	2295.2	2301.1
17.5°	2209.6	2203.8	2219.0	2238.9	2240.1	2237.8	2238.9	2257.7	2291.7	2317.5	2333.9
20°	2186.2	2183.8	2200.3	2221.4	2224.9	2226.0	2231.9	2260.0	2306.9	2342.1	2358.5
22.5°	2158.1	2159.2	2178.0	2200.3	2204.9	2208.5	2220.2	2260.0	2318.7	2356.2	2363.2
25°	2126.4	2129.9	2149.9	2176.8	2182.7	2189.7	2209.6	2261.2	2322.2	2346.8	2335.1
27.5°	2092.4	2099.4	2125.2	2153.4	2160.4	2172.1	2197.9	2254.2	2305.8	2306.9	2263.6
30°	2057.2	2065.5	2095.9	2128.8	2140.5	2152.2	2183.8	2237.8	2265.9	2228.4	2152.2
32.5°	2017.4	2029.1	2059.6	2099.4	2113.5	2128.8	2160.4	2206.1	2195.6	2114.7	2005.7
35°	1967.0	1983.4	2018.6	2065.5	2078.3	2098.3	2120.5	2131.1	2084.2	1969.3	1846.2
37.5°	1904.9	1929.5	1970.5	2024.4	2038.5	2051.4	2057.2	2027.9	1934.2	1809.9	1682.1
40°	1833.4	1870.9	1915.4	1975.2	1989.3	1989.3	1968.2	1906.0	1787.6	1624.7	1482.9
42.5°	1746.6	1792.3	1848.6	1908.4	1922.4	1906.0	1855.6	1746.6	1611.8	1430.1	1280.1
45°	1641.1	1702.1	1765.4	1827.5	1834.5	1798.2	1707.9	1569.6	1403.1	1234.3	1091.3
47.5°	1515.7	1595.4	1664.6	1734.9	1725.5	1664.6	1543.8	1386.7	1210.9	1051.5	936.6
50°	1375.0	1468.8	1546.2	1613.0	1593.0	1508.6	1366.8	1202.7	1028.0	892.1	797.1
52.5°	1225.0	1332.8	1410.2	1464.1	1437.1	1336.3	1180.4	1023.3	880.3	756.1	692.8
55°	1069.1	1178.1	1257.8	1300.0	1264.8	1155.8	1002.2	859.2	724.4	643.5	606.0
57.5°	917.8	1019.8	1094.9	1128.8	1084.3	975.3	833.4	712.7	615.4	547.4	528.7
60°	772.5	855.7	927.2	953.0	905.0	804.1	682.2	586.1	514.6	467.7	458.3
62.5°	637.7	705.7	761.9	781.9	735.0	656.4	550.9	479.4	429.0	405.6	393.9
65°	526.3	566.2	623.6	620.1	592.0	519.3	441.9	391.5	358.7	343.5	336.4
67.5°	413.8	450.1	486.5	491.2	456.0	405.6	355.2	318.8	301.3	293.1	289.5
70°	320.0	347.0	369.2	363.4	344.6	313.0	281.3	261.4	254.4	250.9	250.9
72.5°	248.5	262.6	273.1	266.1	254.4	238.0	222.7	214.5	215.7	218.0	220.4
75°	192.2	195.8	198.1	191.1	188.7	178.2	177.0	178.2	185.2	192.2	195.8
77.5°	147.7	143.0	139.5	132.5	133.6	132.5	138.3	147.7	158.2	168.8	178.2
80°	113.7	103.2	94.9	87.9	91.4	97.3	109.0	123.1	137.1	148.9	160.6
82.5°	87.9	72.7	61.0	53.9	61.0	70.3	85.6	103.2	119.6	132.5	145.4
85°	68.0	50.4	36.3	29.3	36.3	50.4	66.8	86.7	104.3	118.4	131.3
87.5°	52.7	36.3	19.9	11.7	19.9	35.2	53.9	72.7	90.3	106.7	119.6
90°	42.2	24.6	9.4	2.3	10.5	24.6	42.2	61.0	78.5	96.1	109.0
92.5°	34.0	17.6	4.7	0.0	5.9	18.8	35.2	52.7	70.3	86.7	99.6
95°	28.1	14.1	3.5	0.0	4.7	14.1	28.1	45.7	62.1	78.5	89.1
97.5°	23.4	10.5	2.3	0.0	2.3	11.7	23.4	38.7	55.1	70.3	80.9
100°	19.9	9.4	2.3	0.0	2.3	9.4	19.9	34.0	48.1	62.1	72.7
102.5°	16.4	7.0	1.2	1.2	1.2	7.0	17.6	29.3	42.2	55.1	65.6
105°	15.2	5.9	1.2	1.2	1.2	5.9	15.2	25.8	37.5	49.2	58.6
107.5°	12.9	4.7	1.2	1.2	1.2	4.7	12.9	22.3	34.0	44.5	52.7
110°	10.5	4.7	1.2	1.2	1.2	4.7	10.5	19.9	29.3	38.7	46.9



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	9.4	3.5	1.2	1.2	1.2	3.5	9.4	17.6	25.8	35.2	42.2
115°	8.2	3.5	1.2	1.2	1.2	3.5	8.2	15.2	22.3	30.5	37.5
117.5°	7.0	3.5	1.2	1.2	1.2	2.3	7.0	12.9	19.9	27.0	34.0
120°	5.9	2.3	1.2	1.2	1.2	2.3	5.9	11.7	17.6	23.4	29.3
122.5°	5.9	2.3	1.2	1.2	1.2	2.3	4.7	9.4	15.2	19.9	25.8
125°	4.7	2.3	1.2	1.2	1.2	1.2	4.7	8.2	12.9	17.6	22.3
127.5°	4.7	2.3	1.2	1.2	1.2	1.2	3.5	7.0	10.5	15.2	19.9
130°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	5.9	9.4	12.9	16.4
132.5°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	4.7	7.0	10.5	14.1
135°	3.5	1.2	1.2	1.2	1.2	1.2	1.2	3.5	5.9	8.2	10.5
137.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	4.7	5.9	9.4
140°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	4.7	7.0
142.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	5.9
145°	2.3	1.2	1.2	2.3	2.3	1.2	1.2	2.3	2.3	3.5	4.7
147.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	2.3	3.5
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2281.1	2254.2	2268.2	2263.6	2268.2	2280.0	2278.8	2275.3	2277.6	2271.8	2265.9
5°	2276.5	2249.5	2263.6	2257.7	2263.6	2275.3	2272.9	2269.4	2272.9	2265.9	2260.0
7.5°	2270.6	2246.0	2262.4	2261.2	2271.8	2287.0	2288.2	2288.2	2296.4	2285.8	2281.1
10°	2270.6	2257.7	2280.0	2288.2	2315.1	2335.1	2337.4	2342.1	2356.2	2353.8	2342.1
12.5°	2295.2	2292.9	2325.7	2345.6	2370.2	2398.4	2413.6	2418.3	2427.7	2420.6	2415.9
15°	2326.9	2338.6	2374.9	2397.2	2424.2	2445.3	2448.8	2451.1	2458.1	2447.6	2439.4
17.5°	2369.1	2376.1	2405.4	2414.8	2432.4	2435.9	2431.2	2419.5	2419.5	2396.0	2389.0
20°	2389.0	2385.5	2397.2	2382.0	2374.9	2353.8	2333.9	2311.6	2310.4	2285.8	2283.5
22.5°	2371.4	2348.0	2323.3	2285.8	2269.4	2238.9	2212.0	2199.1	2190.9	2159.2	2151.0
25°	2309.3	2251.8	2215.5	2171.0	2131.1	2095.9	2070.1	2043.2	2017.4	1991.6	1979.9
27.5°	2201.4	2147.5	2088.9	2026.8	1971.7	1917.8	1874.4	1847.4	1822.8	1788.8	1771.2
30°	2069.0	1993.9	1929.5	1869.7	1779.4	1713.8	1677.4	1623.5	1604.8	1589.5	1556.7
32.5°	1913.1	1822.8	1734.9	1654.0	1561.4	1500.4	1452.4	1412.5	1400.8	1360.9	1351.6
35°	1740.7	1622.4	1522.7	1443.0	1376.2	1302.3	1262.5	1235.5	1212.1	1185.1	1180.4
37.5°	1538.0	1431.3	1318.7	1248.4	1195.7	1132.4	1101.9	1083.1	1072.6	1052.7	1049.1
40°	1334.0	1227.3	1149.9	1079.6	1046.8	1012.8	990.5	982.3	977.6	970.6	963.6
42.5°	1148.8	1055.0	999.9	953.0	938.9	922.5	916.7	921.4	916.7	914.3	913.2
45°	991.7	920.2	881.5	867.4	863.9	859.2	863.9	872.1	873.3	871.0	871.0
47.5°	848.7	814.7	798.3	800.6	806.5	810.0	818.2	828.8	831.1	825.2	827.6
50°	754.9	735.0	731.5	740.8	753.7	758.4	767.8	776.0	774.8	772.5	770.1
52.5°	667.0	661.1	670.5	679.9	694.0	696.3	699.8	703.3	702.2	697.5	695.1
55°	593.1	597.8	606.0	609.6	620.1	618.9	620.1	620.1	615.4	613.1	609.6
57.5°	526.3	527.5	532.2	533.4	539.2	536.9	535.7	533.4	526.3	525.2	521.6
60°	458.3	456.0	466.5	458.3	463.0	458.3	457.2	451.3	444.3	443.1	440.8
62.5°	393.9	389.2	396.2	392.7	395.0	390.3	388.0	381.0	375.1	373.9	372.8
65°	336.4	334.1	341.1	339.9	342.3	336.4	334.1	329.4	324.7	323.5	322.4
67.5°	288.4	294.2	297.7	297.7	300.1	298.9	293.1	291.9	290.7	286.0	286.0
70°	253.2	256.7	263.7	264.9	263.7	266.1	261.4	260.2	259.1	256.7	255.5
72.5°	225.1	229.8	236.8	238.0	236.8	236.8	234.4	233.3	233.3	229.8	229.8
75°	202.8	208.7	214.5	214.5	214.5	212.2	209.8	209.8	207.5	206.3	204.0
77.5°	184.0	191.1	195.8	194.6	193.4	191.1	191.1	187.6	184.0	184.0	181.7
80°	170.0	174.7	178.2	177.0	175.8	172.3	171.1	167.6	165.3	161.8	161.8
82.5°	154.7	160.6	162.9	161.8	159.4	155.9	154.7	152.4	150.0	148.9	146.5
85°	141.8	147.7	148.9	146.5	144.2	141.8	140.7	139.5	138.3	136.0	136.0
87.5°	128.9	134.8	134.8	133.6	131.3	130.1	128.9	127.8	126.6	125.4	124.3
90°	118.4	123.1	123.1	121.9	120.7	119.6	118.4	117.2	116.0	114.9	114.9
92.5°	107.8	112.5	112.5	111.4	110.2	109.0	109.0	107.8	106.7	105.5	104.3
95°	98.5	103.2	103.2	103.2	102.0	100.8	100.8	99.6	98.5	98.5	97.3
97.5°	89.1	93.8	93.8	93.8	92.6	91.4	91.4	90.3	90.3	90.3	89.1
100°	80.9	84.4	85.6	85.6	84.4	84.4	84.4	83.2	83.2	83.2	82.1
102.5°	72.7	76.2	78.5	78.5	78.5	77.4	77.4	77.4	77.4	77.4	76.2
105°	65.6	69.2	71.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
107.5°	59.8	63.3	65.6	66.8	68.0	68.0	69.2	69.2	69.2	69.2	69.2
110°	53.9	57.4	61.0	62.1	63.3	64.5	64.5	65.6	64.5	64.5	64.5



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	48.1	52.7	55.1	57.4	58.6	59.8	61.0	61.0	61.0	61.0	61.0
115°	43.4	48.1	50.4	52.7	55.1	56.3	56.3	57.4	57.4	57.4	56.3
117.5°	38.7	43.4	45.7	48.1	49.2	51.6	52.7	52.7	52.7	52.7	51.6
120°	35.2	38.7	41.0	43.4	45.7	46.9	48.1	48.1	48.1	48.1	48.1
122.5°	30.5	34.0	37.5	39.9	41.0	42.2	43.4	43.4	43.4	43.4	43.4
125°	27.0	30.5	32.8	35.2	36.3	38.7	38.7	38.7	38.7	38.7	38.7
127.5°	23.4	27.0	29.3	31.6	32.8	34.0	35.2	35.2	35.2	35.2	35.2
130°	19.9	23.4	25.8	28.1	29.3	30.5	30.5	31.6	31.6	31.6	31.6
132.5°	17.6	19.9	22.3	24.6	25.8	27.0	27.0	28.1	28.1	28.1	28.1
135°	14.1	17.6	18.8	21.1	22.3	23.4	23.4	24.6	24.6	24.6	24.6
137.5°	11.7	14.1	16.4	18.8	19.9	19.9	21.1	21.1	22.3	22.3	22.3
140°	9.4	10.5	14.1	15.2	16.4	17.6	18.8	18.8	18.8	18.8	18.8
142.5°	7.0	9.4	10.5	12.9	14.1	15.2	16.4	16.4	16.4	16.4	16.4
145°	5.9	7.0	8.2	10.5	11.7	12.9	14.1	14.1	14.1	14.1	14.1
147.5°	4.7	5.9	7.0	8.2	9.4	10.5	11.7	11.7	11.7	11.7	11.7
150°	3.5	4.7	5.9	5.9	7.0	8.2	9.4	10.5	10.5	10.5	10.5
152.5°	3.5	3.5	4.7	4.7	5.9	7.0	8.2	8.2	8.2	8.2	8.2
155°	2.3	3.5	3.5	3.5	4.7	4.7	5.9	7.0	7.0	7.0	7.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290197

CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2269.4	2274.1	2271.8	2268.2	2267.1	2272.9	2267.1	2240.1	2250.7	2251.8	2260.0
5°	2265.9	2269.4	2267.1	2264.7	2261.2	2268.2	2261.2	2233.1	2243.6	2244.8	2253.0
7.5°	2289.3	2290.5	2290.5	2284.7	2275.3	2278.8	2269.4	2237.8	2243.6	2243.6	2249.5
10°	2348.0	2350.3	2353.8	2338.6	2326.9	2317.5	2304.6	2265.9	2264.7	2255.4	2255.4
12.5°	2424.2	2418.3	2412.4	2405.4	2396.0	2384.3	2365.5	2319.8	2304.6	2289.3	2274.1
15°	2446.4	2444.1	2442.9	2439.4	2433.5	2430.0	2415.9	2370.2	2348.0	2329.2	2302.2
17.5°	2387.8	2392.5	2407.7	2408.9	2415.9	2430.0	2427.7	2396.0	2376.1	2367.9	2335.1
20°	2282.3	2283.5	2302.2	2310.4	2340.9	2364.4	2382.0	2378.4	2373.7	2383.1	2358.5
22.5°	2155.7	2163.9	2183.8	2196.7	2226.0	2253.0	2281.1	2296.4	2321.0	2359.7	2355.0
25°	1983.4	1993.9	2022.1	2043.2	2084.2	2125.2	2162.7	2189.7	2219.0	2292.9	2317.5
27.5°	1777.1	1793.5	1829.8	1850.9	1908.4	1950.6	2004.5	2057.2	2098.3	2182.7	2233.1
30°	1560.2	1574.3	1613.0	1642.3	1691.5	1749.0	1816.9	1892.0	1960.0	2045.5	2108.8
32.5°	1357.4	1372.7	1404.3	1430.1	1485.2	1533.3	1608.3	1700.9	1764.2	1882.6	1967.0
35°	1180.4	1194.5	1216.8	1239.0	1284.8	1334.0	1398.5	1488.7	1569.6	1692.7	1799.4
37.5°	1056.2	1058.5	1071.4	1084.3	1118.3	1155.8	1206.2	1285.9	1360.9	1493.4	1610.6
40°	967.1	967.1	974.1	977.6	992.9	1015.1	1046.8	1108.9	1171.0	1271.9	1414.9
42.5°	912.0	909.6	909.6	910.8	909.6	920.2	938.9	968.3	1023.3	1106.6	1217.9
45°	871.0	866.3	862.8	854.5	849.9	849.9	851.0	861.6	893.2	947.2	1037.4
47.5°	825.2	824.1	818.2	808.8	800.6	794.8	785.4	781.9	791.2	821.7	882.7
50°	772.5	766.6	760.8	753.7	744.4	738.5	720.9	722.1	713.9	727.9	759.6
52.5°	695.1	690.4	688.1	682.2	678.7	676.4	662.3	648.2	644.7	647.1	658.8
55°	609.6	611.9	602.5	607.2	606.0	595.5	589.6	579.1	575.6	574.4	580.2
57.5°	520.5	522.8	516.9	521.6	521.6	515.8	512.3	512.3	504.1	497.0	505.2
60°	439.6	434.9	438.4	444.3	444.3	440.8	438.4	438.4	432.5	430.2	436.1
62.5°	373.9	369.2	372.8	378.6	379.8	377.5	375.1	375.1	368.1	368.1	372.8
65°	323.5	324.7	323.5	328.2	328.2	329.4	327.0	324.7	316.5	320.0	318.8
67.5°	287.2	286.0	286.0	290.7	289.5	291.9	289.5	286.0	280.2	275.5	274.3
70°	256.7	255.5	255.5	257.9	259.1	259.1	257.9	255.5	247.3	242.6	239.1
72.5°	229.8	228.6	229.8	230.9	232.1	233.3	232.1	229.8	222.7	216.9	211.0
75°	205.1	204.0	207.5	207.5	208.7	208.7	209.8	208.7	202.8	195.8	188.7
77.5°	180.5	181.7	185.2	186.4	188.7	189.9	191.1	191.1	185.2	179.3	170.0
80°	160.6	162.9	165.3	166.5	168.8	172.3	173.5	174.7	170.0	164.1	153.6
82.5°	146.5	147.7	150.0	151.2	154.7	155.9	157.1	159.4	157.1	151.2	139.5
85°	134.8	136.0	138.3	138.3	140.7	143.0	144.2	145.4	144.2	138.3	126.6
87.5°	124.3	125.4	126.6	127.8	128.9	130.1	131.3	132.5	131.3	125.4	114.9
90°	114.9	114.9	116.0	116.0	117.2	118.4	120.7	120.7	119.6	114.9	104.3
92.5°	104.3	105.5	105.5	106.7	107.8	109.0	110.2	110.2	109.0	104.3	94.9
95°	97.3	97.3	98.5	98.5	99.6	99.6	100.8	100.8	99.6	94.9	85.6
97.5°	89.1	89.1	89.1	89.1	90.3	90.3	91.4	91.4	90.3	85.6	77.4
100°	82.1	82.1	82.1	82.1	82.1	83.2	83.2	83.2	82.1	77.4	69.2
102.5°	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	73.8	70.3	62.1
105°	72.7	72.7	72.7	71.5	71.5	71.5	70.3	70.3	66.8	63.3	56.3
107.5°	68.0	68.0	68.0	66.8	66.8	65.6	64.5	64.5	61.0	57.4	50.4
110°	64.5	64.5	64.5	63.3	62.1	61.0	59.8	58.6	55.1	50.4	44.5



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CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	61.0	61.0	59.8	59.8	58.6	57.4	55.1	53.9	50.4	45.7	39.9
115°	56.3	56.3	56.3	55.1	53.9	52.7	51.6	49.2	45.7	41.0	35.2
117.5°	51.6	51.6	51.6	50.4	49.2	48.1	46.9	44.5	41.0	36.3	31.6
120°	46.9	46.9	46.9	45.7	44.5	43.4	42.2	39.9	36.3	32.8	27.0
122.5°	43.4	43.4	42.2	41.0	39.9	38.7	37.5	35.2	32.8	28.1	23.4
125°	38.7	38.7	37.5	37.5	36.3	35.2	34.0	31.6	28.1	24.6	21.1
127.5°	35.2	34.0	34.0	34.0	32.8	31.6	29.3	28.1	24.6	21.1	17.6
130°	30.5	30.5	30.5	29.3	29.3	28.1	25.8	23.4	21.1	18.8	15.2
132.5°	27.0	27.0	27.0	27.0	25.8	24.6	22.3	21.1	18.8	15.2	12.9
135°	24.6	24.6	23.4	23.4	22.3	21.1	19.9	17.6	15.2	12.9	10.5
137.5°	21.1	21.1	21.1	19.9	19.9	18.8	16.4	15.2	14.1	11.7	9.4
140°	18.8	18.8	17.6	17.6	16.4	16.4	15.2	12.9	11.7	9.4	8.2
142.5°	16.4	16.4	15.2	15.2	14.1	14.1	12.9	11.7	9.4	8.2	5.9
145°	14.1	14.1	12.9	12.9	12.9	11.7	10.5	9.4	8.2	7.0	5.9
147.5°	11.7	11.7	11.7	10.5	10.5	9.4	9.4	8.2	7.0	5.9	4.7
150°	10.5	10.5	9.4	9.4	9.4	8.2	7.0	7.0	5.9	4.7	3.5
152.5°	8.2	8.2	8.2	8.2	7.0	7.0	5.9	5.9	4.7	3.5	3.5
155°	7.0	7.0	7.0	5.9	5.9	5.9	4.7	4.7	3.5	3.5	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4	2269.4
2.5°	2256.5	2255.4	2265.9	2264.7	2250.7	2271.8	2285.8
5°	2250.7	2249.5	2258.9	2261.2	2246.0	2268.2	2283.5
7.5°	2246.0	2244.8	2255.4	2258.9	2243.6	2263.6	2280.0
10°	2247.1	2241.3	2250.7	2253.0	2238.9	2260.0	2274.1
12.5°	2255.4	2241.3	2244.8	2244.8	2231.9	2250.7	2265.9
15°	2275.3	2246.0	2241.3	2237.8	2221.4	2238.9	2254.2
17.5°	2297.6	2257.7	2241.3	2229.6	2209.6	2224.9	2241.3
20°	2319.8	2270.6	2243.6	2224.9	2197.9	2212.0	2223.7
22.5°	2330.4	2282.3	2246.0	2217.8	2183.8	2190.9	2203.8
25°	2316.3	2277.6	2241.3	2207.3	2166.3	2167.4	2178.0
27.5°	2264.7	2254.2	2230.7	2196.7	2152.2	2146.3	2154.5
30°	2176.8	2206.1	2207.3	2182.7	2135.8	2124.1	2127.6
32.5°	2053.7	2119.4	2158.1	2153.4	2112.3	2095.9	2098.3
35°	1911.9	1993.9	2078.3	2106.5	2077.2	2064.3	2059.6
37.5°	1741.9	1852.1	1964.6	2033.8	2029.1	2020.9	2016.2
40°	1554.4	1686.8	1820.5	1930.6	1964.6	1964.6	1967.0
42.5°	1353.9	1508.6	1655.2	1794.7	1874.4	1892.0	1899.0
45°	1160.5	1316.4	1475.8	1636.4	1743.1	1798.2	1818.1
47.5°	984.7	1141.7	1293.0	1468.8	1610.6	1682.1	1713.8
50°	834.6	951.8	1111.3	1285.9	1440.7	1528.6	1590.7
52.5°	710.4	801.8	941.3	1104.2	1260.1	1380.9	1438.3
55°	606.0	668.2	786.6	927.2	1076.1	1201.5	1268.3
57.5°	518.1	567.4	648.2	765.5	890.9	1015.1	1086.6
60°	440.8	474.7	529.8	622.4	729.1	835.8	905.0
62.5°	373.9	396.2	432.5	500.5	583.8	667.0	731.5
65°	322.4	331.7	351.7	393.9	457.2	520.5	575.6
67.5°	272.0	277.8	293.1	318.8	350.5	396.2	432.5
70°	234.4	234.4	235.6	250.9	267.3	296.6	322.4
72.5°	204.0	200.4	193.4	196.9	200.4	216.9	233.3
75°	179.3	171.1	159.4	154.7	152.4	154.7	164.1
77.5°	158.2	146.5	132.5	120.7	111.4	107.8	116.0
80°	140.7	126.6	110.2	94.9	79.7	71.5	75.0
82.5°	126.6	109.0	91.4	73.8	56.3	44.5	44.5
85°	111.4	94.9	76.2	57.4	39.9	24.6	22.3
87.5°	100.8	83.2	63.3	45.7	28.1	12.9	7.0
90°	90.3	72.7	53.9	36.3	19.9	5.9	0.0
92.5°	80.9	64.5	46.9	29.3	14.1	3.5	0.0
95°	72.7	57.4	39.9	24.6	11.7	2.3	1.2
97.5°	64.5	50.4	35.2	19.9	8.2	2.3	1.2
100°	58.6	44.5	30.5	16.4	7.0	1.2	1.2
102.5°	51.6	39.9	25.8	14.1	5.9	1.2	1.2
105°	45.7	35.2	22.3	11.7	4.7	1.2	1.2
107.5°	41.0	30.5	19.9	10.5	4.7	1.2	1.2
110°	36.3	27.0	17.6	9.4	3.5	1.2	1.2



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CATALOG NUMBER: 4SSRK-LC-60-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	32.8	23.4	15.2	8.2	2.3	1.2	1.2
115°	28.1	21.1	12.9	7.0	2.3	1.2	1.2
117.5°	24.6	17.6	11.7	5.9	2.3	1.2	1.2
120°	21.1	15.2	9.4	4.7	1.2	1.2	1.2
122.5°	18.8	12.9	8.2	4.7	1.2	1.2	1.2
125°	16.4	11.7	7.0	3.5	1.2	1.2	1.2
127.5°	14.1	9.4	5.9	2.3	1.2	1.2	1.2
130°	11.7	8.2	4.7	2.3	1.2	1.2	1.2
132.5°	9.4	7.0	4.7	2.3	1.2	1.2	1.2
135°	8.2	5.9	3.5	2.3	1.2	1.2	1.2
137.5°	7.0	4.7	2.3	2.3	2.3	1.2	1.2
140°	5.9	3.5	2.3	2.3	2.3	2.3	1.2
142.5°	4.7	3.5	2.3	2.3	2.3	2.3	1.2
145°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
147.5°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)