

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: P290196

Luminaire Tested: **4SSRK-LC-60-L930-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: P290196
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-L930-CD1-U
Description: 6000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5096.8 lumens
Efficiency: N/A
Efficacy: 113.8 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

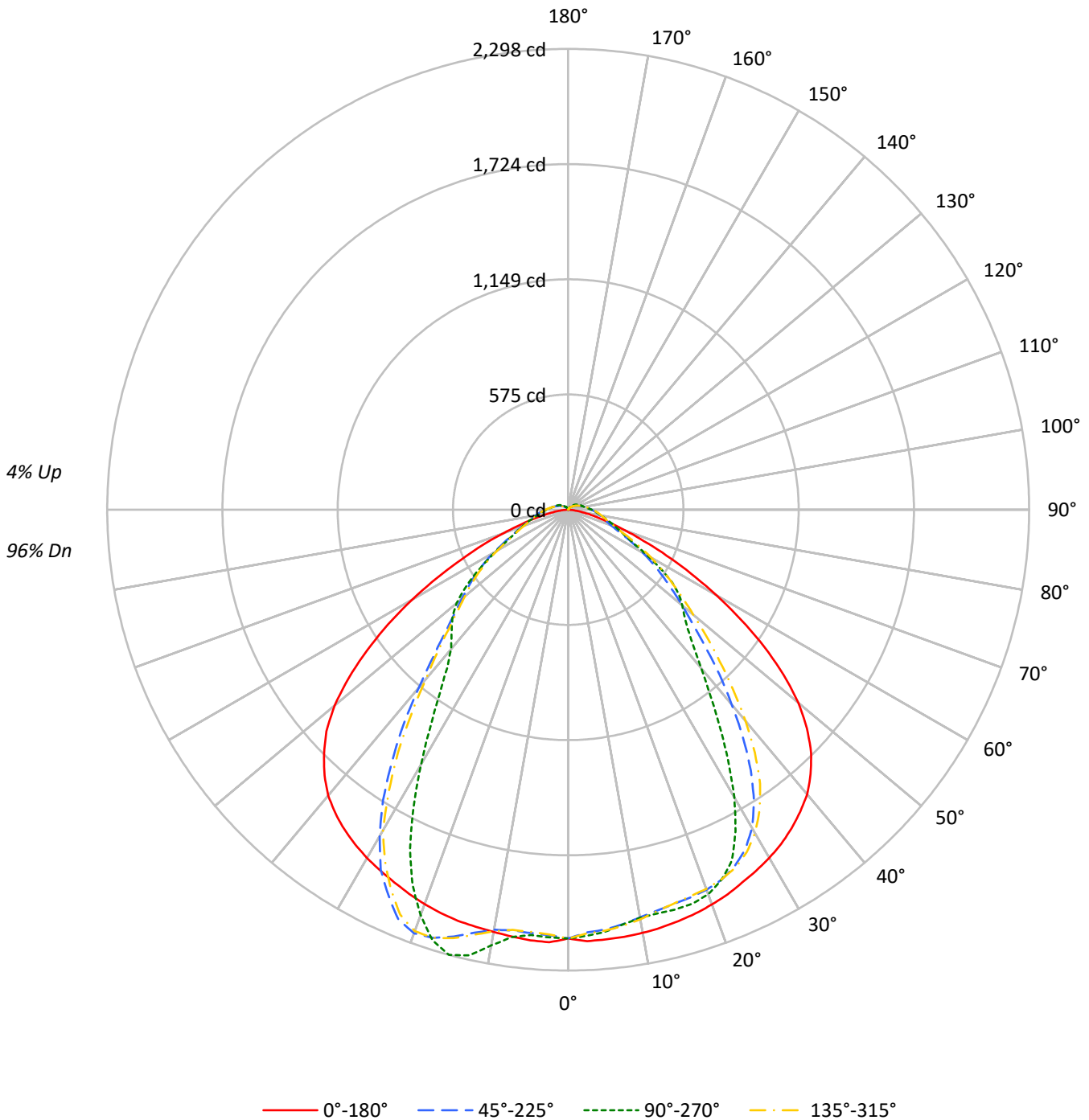
Input Watts (W): 44.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	138078	138078	138078	138078
5°	138955	101455	139239	102247
10°	139472	79458	139186	84849
15°	140419	66610	140346	74165
20°	141827	57112	141678	60201
25°	143423	48010	143347	46388
30°	145965	37303	146045	33046
35°	148639	27261	149060	23069
40°	150952	19939	151579	17568
45°	150180	15392	150951	14988
50°	143446	12929	145456	12640
55°	126986	10596	130153	9633
60°	102702	7377	108159	6764
65°	76061	5110	81952	4846
70°	51456	3966	57996	3791
75°	33386	3183	38871	3011
80°	21269	2600	24909	2393
85°	10541	2224	13854	2032



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.1	4.0
10°-20°	604.2	11.9
20°-30°	918.6	18.0
30°-40°	985.5	19.3
40°-50°	855.3	16.8
50°-60°	633.8	12.4
60°-70°	363.2	7.1
70°-80°	201.1	3.9
80°-90°	122.5	2.4
90°-100°	79.6	1.6
100°-110°	53.3	1.0
110°-120°	36.0	0.7
120°-130°	22.1	0.4
130°-140°	11.6	0.2
140°-150°	5.3	0.1
150°-160°	1.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1725.9	33.9
0°-40°	2711.4	53.2
0°-60°	4200.5	82.4
0°-90°	4887.2	95.9
90°-120°	169.0	3.3
90°-150°	208.0	4.1
90°-180°	210.0	4.1
0°-180°	5096.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2138	2138	2138	2138	2138	
5°	2151	2113	2156	2129	2151	205
15°	2124	2064	2122	2298	2124	601
25°	2052	1930	2051	1865	2052	948
35°	1940	1314	1946	1112	1940	1215
45°	1713	843	1722	820	1713	1311
55°	1195	632	1225	574	1195	1060
65°	542	320	584	304	542	547
75°	155	203	180	192	155	177
85°	21	140	28	128	21	28
90°	0	117	2	108	0	1
95°	1	96	0	92	1	1
105°	1	72	1	68	1	1
115°	1	58	1	53	1	1
125°	1	44	1	36	1	1
135°	1	28	1	23	1	1
145°	1	17	2	13	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°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2153.4	2147.9	2145.7	2141.3	2144.6	2157.9	2149.0	2134.7	2135.8	2110.4	2123.6
5°	2151.2	2144.6	2141.3	2136.9	2139.1	2151.2	2142.4	2128.0	2126.9	2101.5	2113.7
7.5°	2147.9	2141.3	2135.8	2132.5	2133.6	2143.5	2132.5	2115.9	2112.6	2085.0	2096.0
10°	2142.4	2138.0	2130.2	2124.7	2123.6	2134.7	2117.0	2100.4	2092.7	2064.0	2075.0
12.5°	2134.7	2128.0	2120.3	2110.4	2109.3	2115.9	2101.5	2078.3	2070.6	2047.4	2059.6
15°	2123.6	2115.9	2107.1	2096.0	2090.5	2094.9	2077.2	2056.3	2055.2	2035.3	2051.8
17.5°	2111.5	2100.4	2090.5	2075.0	2067.3	2070.6	2056.3	2037.5	2039.7	2027.5	2046.3
20°	2094.9	2082.8	2067.3	2051.8	2040.8	2046.3	2036.4	2022.0	2025.3	2016.5	2033.1
22.5°	2076.1	2059.6	2040.8	2023.1	2014.3	2022.0	2014.3	2002.1	2003.3	1997.7	2007.7
25°	2051.8	2033.1	2011.0	1988.9	1984.5	1990.0	1985.6	1975.6	1971.2	1962.4	1966.8
27.5°	2029.8	2008.8	1981.2	1958.0	1950.2	1961.3	1951.3	1934.8	1922.6	1910.5	1901.7
30°	2004.4	1979.0	1948.0	1921.5	1914.9	1919.3	1905.0	1879.6	1847.5	1832.1	1807.8
32.5°	1976.7	1943.6	1905.0	1875.1	1870.7	1867.4	1840.9	1804.5	1754.8	1723.9	1686.3
35°	1940.3	1903.9	1857.5	1821.0	1814.4	1795.6	1752.6	1704.0	1639.9	1586.9	1522.9
37.5°	1899.4	1856.4	1807.8	1759.2	1740.4	1702.9	1642.1	1591.3	1494.2	1430.1	1352.8
40°	1853.1	1801.2	1741.5	1683.0	1652.1	1591.3	1521.8	1446.7	1352.8	1266.7	1201.5
42.5°	1789.0	1733.8	1663.1	1598.0	1545.0	1464.3	1382.6	1276.6	1190.5	1117.6	1051.3
45°	1712.8	1646.6	1564.8	1486.4	1419.1	1323.0	1226.9	1120.9	1049.1	964.1	918.8
47.5°	1614.5	1542.7	1455.5	1368.3	1279.9	1173.9	1073.4	971.8	900.0	839.3	806.2
50°	1498.6	1432.3	1336.2	1232.4	1135.2	1024.8	924.3	848.1	778.6	741.0	715.6
52.5°	1355.0	1293.2	1194.9	1082.2	988.4	880.1	788.5	726.6	677.0	649.3	640.5
55°	1194.9	1140.8	1043.6	938.7	842.6	743.2	673.6	619.5	587.5	570.9	572.0
57.5°	1023.7	981.7	890.1	796.2	705.7	630.6	567.6	524.6	500.3	499.2	502.5
60°	852.5	821.6	742.1	661.5	582.0	521.2	474.9	445.0	429.6	430.7	429.6
62.5°	689.1	660.4	603.0	536.7	473.8	432.9	390.9	378.8	365.5	364.4	364.4
65°	542.2	520.1	473.8	426.3	378.8	352.3	331.3	316.9	307.0	304.8	305.9
67.5°	407.5	398.7	366.6	334.6	304.8	288.2	270.6	267.2	259.5	259.5	261.7
70°	303.7	297.1	279.4	260.6	248.5	237.4	228.6	228.6	227.5	226.4	231.9
72.5°	219.8	220.9	215.3	201.0	199.9	197.7	195.5	198.8	199.9	203.2	209.8
75°	154.6	157.9	157.9	155.7	160.1	165.6	169.0	174.5	181.1	185.5	193.3
77.5°	109.3	109.3	114.9	121.5	130.3	140.2	149.1	156.8	165.6	171.2	177.8
80°	70.7	74.0	82.8	95.0	107.1	120.4	132.5	142.5	151.3	160.1	164.5
82.5°	42.0	47.5	58.5	74.0	89.5	106.0	118.2	130.3	140.2	149.1	152.4
85°	21.0	28.7	42.0	58.5	75.1	92.8	108.2	119.3	130.3	138.0	142.5
87.5°	6.6	15.5	29.8	45.3	62.9	80.6	97.2	109.3	119.3	125.9	130.3
90°	0.0	7.7	21.0	37.5	54.1	71.8	87.2	100.5	110.4	116.0	119.3
92.5°	0.0	4.4	16.6	30.9	46.4	64.1	79.5	91.7	100.5	106.0	108.2
95°	1.1	3.3	12.1	25.4	40.9	57.4	71.8	82.8	91.7	97.2	98.3
97.5°	1.1	2.2	9.9	21.0	35.3	50.8	65.2	76.2	82.8	88.3	89.5
100°	1.1	2.2	7.7	18.8	30.9	45.3	58.5	68.5	76.2	80.6	81.7
102.5°	1.1	1.1	6.6	15.5	27.6	39.8	51.9	61.8	68.5	72.9	75.1
105°	1.1	1.1	5.5	13.3	24.3	35.3	46.4	56.3	61.8	66.3	68.5
107.5°	1.1	1.1	4.4	11.0	21.0	30.9	42.0	49.7	56.3	60.7	62.9
110°	1.1	1.1	3.3	9.9	17.7	27.6	36.4	44.2	50.8	55.2	57.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.1	1.1	3.3	8.8	15.5	24.3	32.0	39.8	45.3	49.7	53.0
115°	1.1	1.1	3.3	7.7	14.4	21.0	28.7	35.3	40.9	45.3	48.6
117.5°	1.1	1.1	3.3	6.6	12.1	18.8	25.4	32.0	36.4	40.9	44.2
120°	1.1	1.1	2.2	5.5	11.0	16.6	22.1	27.6	33.1	37.5	40.9
122.5°	1.1	1.1	2.2	5.5	8.8	14.4	19.9	24.3	29.8	33.1	36.4
125°	1.1	1.1	2.2	4.4	7.7	13.3	17.7	22.1	25.4	29.8	33.1
127.5°	1.1	1.1	2.2	4.4	6.6	11.0	15.5	19.9	23.2	26.5	28.7
130°	1.1	1.1	2.2	3.3	5.5	8.8	13.3	16.6	21.0	23.2	25.4
132.5°	1.1	1.1	1.1	3.3	4.4	6.6	9.9	14.4	17.7	21.0	22.1
135°	1.1	1.1	1.1	2.2	4.4	5.5	7.7	11.0	14.4	17.7	19.9
137.5°	1.1	1.1	1.1	2.2	3.3	5.5	6.6	8.8	12.1	14.4	17.7
140°	1.1	1.1	1.1	2.2	3.3	4.4	5.5	7.7	9.9	12.1	14.4
142.5°	1.1	1.1	1.1	2.2	2.2	3.3	4.4	6.6	7.7	9.9	12.1
145°	1.1	1.1	1.1	2.2	2.2	3.3	4.4	5.5	6.6	7.7	9.9
147.5°	1.1	1.1	1.1	2.2	2.2	2.2	3.3	4.4	5.5	6.6	7.7
150°	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	4.4	5.5	6.6
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	4.4	5.5
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	4.4	4.4
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2119.2	2121.4	2134.7	2133.6	2131.4	2129.1	2129.1	2126.9	2129.1	2134.7	2132.5
5°	2108.2	2111.5	2121.4	2120.3	2118.1	2117.0	2115.9	2112.6	2114.8	2122.5	2120.3
7.5°	2088.3	2091.6	2100.4	2096.0	2092.7	2094.9	2089.4	2086.1	2090.5	2098.2	2097.1
10°	2067.3	2069.5	2080.6	2078.3	2072.8	2073.9	2068.4	2066.2	2071.7	2076.1	2077.2
12.5°	2052.9	2060.7	2070.6	2069.5	2068.4	2069.5	2064.0	2061.8	2065.1	2069.5	2068.4
15°	2049.6	2059.6	2070.6	2070.6	2071.7	2072.8	2067.3	2064.0	2067.3	2070.6	2069.5
17.5°	2046.3	2058.5	2068.4	2067.3	2068.4	2070.6	2061.8	2059.6	2064.0	2068.4	2066.2
20°	2035.3	2046.3	2052.9	2050.7	2050.7	2051.8	2040.8	2040.8	2047.4	2050.7	2051.8
22.5°	2004.4	2017.6	2017.6	2012.1	2012.1	2007.7	2004.4	1997.7	2005.5	2011.0	2015.4
25°	1958.0	1963.5	1956.9	1944.7	1938.1	1932.6	1917.1	1930.4	1930.4	1946.9	1952.5
27.5°	1892.8	1880.7	1861.9	1836.5	1831.0	1813.3	1803.4	1806.7	1812.2	1835.4	1853.1
30°	1785.7	1749.3	1717.2	1706.2	1681.9	1664.2	1646.6	1655.4	1665.3	1678.6	1715.0
32.5°	1644.3	1609.0	1557.1	1538.3	1512.9	1490.8	1469.9	1483.1	1500.8	1509.6	1549.4
35°	1482.0	1440.0	1392.6	1360.5	1334.0	1321.9	1295.4	1314.2	1332.9	1339.6	1373.8
37.5°	1309.7	1266.7	1224.7	1197.1	1171.7	1164.0	1146.3	1159.5	1173.9	1183.8	1212.6
40°	1146.3	1106.5	1074.5	1055.7	1038.1	1031.4	1024.8	1030.3	1041.4	1049.1	1071.2
42.5°	1006.0	974.0	951.9	940.9	928.7	919.9	921.0	923.2	928.7	945.3	955.2
45°	883.5	864.7	850.3	848.1	840.4	839.3	838.2	842.6	845.9	855.9	863.6
47.5°	785.2	777.4	774.1	778.6	781.9	777.4	779.7	785.2	791.8	791.8	790.7
50°	707.9	710.1	714.5	724.4	731.1	733.3	735.5	742.1	743.2	745.4	742.1
52.5°	644.9	647.1	659.3	674.7	682.5	685.8	690.2	696.8	696.8	699.0	694.6
55°	580.9	584.2	596.3	611.8	618.4	622.8	627.3	631.7	635.0	639.4	636.1
57.5°	510.2	520.1	527.9	532.3	536.7	540.0	543.3	544.4	551.1	552.2	557.7
60°	435.1	437.3	445.0	443.9	440.6	449.5	445.0	452.8	460.5	470.4	471.5
62.5°	363.3	364.4	370.0	367.7	372.2	371.1	374.4	374.4	379.9	384.3	389.8
65°	307.0	308.1	312.5	312.5	311.4	314.7	318.0	320.3	320.3	323.6	328.0
67.5°	265.0	268.4	272.8	275.0	277.2	277.2	280.5	281.6	283.8	284.9	287.1
70°	236.3	240.7	245.2	247.4	248.5	250.7	251.8	251.8	254.0	255.1	257.3
72.5°	215.3	219.8	223.1	223.1	225.3	226.4	226.4	227.5	228.6	230.8	233.0
75°	197.7	201.0	203.2	202.1	202.1	202.1	203.2	203.2	205.4	207.6	209.8
77.5°	181.1	184.4	184.4	182.2	182.2	182.2	182.2	183.3	184.4	186.6	188.8
80°	169.0	169.0	167.9	167.9	165.6	164.5	164.5	165.6	165.6	167.9	171.2
82.5°	155.7	155.7	154.6	153.5	152.4	151.3	151.3	152.4	153.5	154.6	156.8
85°	143.6	143.6	141.4	141.4	140.2	140.2	140.2	140.2	141.4	142.5	144.7
87.5°	131.4	130.3	129.2	128.1	128.1	128.1	128.1	128.1	129.2	131.4	132.5
90°	119.3	118.2	117.1	117.1	116.0	116.0	117.1	117.1	118.2	119.3	120.4
92.5°	108.2	107.1	106.0	106.0	104.9	104.9	106.0	104.9	107.1	107.1	108.2
95°	98.3	97.2	96.1	96.1	96.1	96.1	96.1	96.1	97.2	97.2	98.3
97.5°	89.5	88.3	87.2	87.2	88.3	87.2	88.3	88.3	88.3	89.5	90.6
100°	81.7	80.6	80.6	81.7	80.6	80.6	81.7	81.7	81.7	81.7	82.8
102.5°	75.1	75.1	75.1	75.1	75.1	75.1	76.2	76.2	76.2	76.2	77.3
105°	68.5	69.6	69.6	69.6	70.7	70.7	70.7	71.8	71.8	71.8	71.8
107.5°	64.1	65.2	65.2	66.3	66.3	67.4	67.4	67.4	67.4	68.5	68.5
110°	59.6	60.7	61.8	62.9	62.9	64.1	64.1	64.1	64.1	64.1	64.1



TEST NUMBER: P290196

CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	55.2	56.3	57.4	59.6	60.7	60.7	60.7	60.7	61.8	61.8	60.7
115°	50.8	53.0	54.1	56.3	57.4	57.4	58.5	58.5	58.5	58.5	57.4
117.5°	46.4	49.7	50.8	53.0	54.1	54.1	55.2	55.2	55.2	55.2	54.1
120°	43.1	45.3	47.5	48.6	49.7	50.8	50.8	51.9	51.9	51.9	50.8
122.5°	39.8	42.0	44.2	45.3	46.4	47.5	47.5	47.5	47.5	47.5	47.5
125°	35.3	37.5	39.8	40.9	42.0	43.1	43.1	44.2	44.2	44.2	43.1
127.5°	32.0	34.2	35.3	37.5	38.7	38.7	39.8	39.8	39.8	39.8	38.7
130°	27.6	29.8	32.0	33.1	34.2	34.2	35.3	35.3	35.3	35.3	35.3
132.5°	24.3	26.5	27.6	29.8	29.8	30.9	30.9	32.0	32.0	32.0	30.9
135°	22.1	23.2	24.3	26.5	26.5	27.6	27.6	27.6	27.6	27.6	27.6
137.5°	19.9	21.0	22.1	23.2	23.2	24.3	24.3	24.3	24.3	25.4	24.3
140°	16.6	18.8	19.9	19.9	21.0	21.0	21.0	22.1	22.1	22.1	21.0
142.5°	14.4	15.5	16.6	17.7	18.8	18.8	18.8	18.8	19.9	18.8	18.8
145°	11.0	13.3	14.4	15.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6
147.5°	8.8	9.9	12.1	13.3	13.3	14.4	14.4	14.4	14.4	14.4	14.4
150°	7.7	7.7	9.9	11.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1
152.5°	5.5	6.6	7.7	8.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9
155°	5.5	5.5	6.6	6.6	7.7	7.7	7.7	7.7	8.8	7.7	7.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290196

CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2129.1	2128.0	2132.5	2128.0	2106.0	2114.8	2111.5	2123.6	2124.7	2128.0	2139.1
5°	2118.1	2118.1	2123.6	2119.2	2098.2	2107.1	2106.0	2118.1	2120.3	2122.5	2134.7
7.5°	2096.0	2097.1	2104.9	2101.5	2079.5	2092.7	2091.6	2106.0	2110.4	2114.8	2125.8
10°	2075.0	2073.9	2082.8	2079.5	2058.5	2073.9	2072.8	2087.2	2093.8	2101.5	2114.8
12.5°	2064.0	2060.7	2064.0	2060.7	2037.5	2049.6	2050.7	2067.3	2075.0	2085.0	2100.4
15°	2064.0	2058.5	2058.5	2051.8	2025.3	2033.1	2034.2	2045.2	2055.2	2065.1	2083.9
17.5°	2061.8	2056.3	2055.2	2049.6	2020.9	2020.9	2019.8	2027.5	2033.1	2043.0	2062.9
20°	2049.6	2047.4	2046.3	2043.0	2016.5	2012.1	2009.9	2009.9	2013.2	2016.5	2036.4
22.5°	2017.6	2019.8	2022.0	2024.2	2003.3	1995.5	1996.6	1994.4	1991.1	1991.1	2007.7
25°	1958.0	1969.0	1977.9	1987.8	1975.6	1970.1	1976.7	1973.4	1967.9	1963.5	1977.9
27.5°	1863.0	1886.2	1905.0	1929.3	1930.4	1925.9	1943.6	1941.4	1940.3	1933.7	1944.7
30°	1731.6	1768.0	1793.4	1828.8	1858.6	1863.0	1892.8	1897.2	1901.7	1898.3	1909.4
32.5°	1572.6	1622.3	1665.3	1720.5	1749.3	1774.7	1816.6	1834.3	1852.0	1857.5	1869.6
35°	1399.2	1455.5	1506.3	1567.0	1612.3	1667.5	1718.3	1744.8	1784.6	1800.1	1817.7
37.5°	1234.6	1287.6	1337.3	1398.1	1471.0	1528.4	1591.3	1651.0	1705.1	1727.2	1753.7
40°	1088.9	1131.9	1179.4	1232.4	1298.7	1373.8	1442.3	1525.1	1589.1	1633.3	1672.0
42.5°	978.4	999.4	1040.3	1087.8	1140.8	1217.0	1286.5	1379.3	1456.6	1519.6	1583.6
45°	880.1	890.1	919.9	945.3	999.4	1066.8	1140.8	1231.3	1311.9	1392.6	1469.9
47.5°	796.2	808.4	822.7	838.2	876.8	933.2	997.2	1078.9	1159.5	1253.4	1341.8
50°	739.9	743.2	745.4	752.0	775.2	813.9	865.8	935.4	1012.7	1113.2	1207.0
52.5°	690.2	690.2	683.6	680.3	689.1	713.4	743.2	792.9	872.4	965.2	1064.6
55°	637.2	627.3	625.0	614.0	616.2	627.3	641.6	680.3	745.4	824.9	921.0
57.5°	563.2	558.8	558.8	554.4	545.5	551.1	554.4	582.0	628.4	696.8	780.8
60°	478.2	476.0	481.5	482.6	474.9	478.2	477.1	493.6	526.8	582.0	651.6
62.5°	393.1	403.1	404.2	408.6	404.2	403.1	408.6	423.0	439.5	481.5	535.6
65°	330.2	335.7	336.8	342.3	340.1	340.1	344.6	355.6	365.5	394.2	436.2
67.5°	289.3	287.1	288.2	291.5	288.2	287.1	290.4	297.1	304.8	322.5	352.3
70°	257.3	255.1	255.1	255.1	250.7	247.4	248.5	250.7	254.0	263.9	282.7
72.5°	233.0	233.0	229.7	226.4	223.1	220.9	218.7	216.4	215.3	218.7	228.6
75°	210.9	212.0	210.9	207.6	203.2	198.8	194.4	189.9	184.4	182.2	183.3
77.5°	191.0	192.2	193.3	192.2	187.7	182.2	175.6	169.0	161.2	153.5	149.1
80°	173.4	175.6	176.7	175.6	172.3	167.9	160.1	152.4	141.4	131.4	120.4
82.5°	157.9	161.2	162.3	162.3	160.1	155.7	146.9	138.0	125.9	112.6	98.3
85°	145.8	148.0	150.2	150.2	149.1	144.7	135.8	125.9	113.7	98.3	82.8
87.5°	133.6	134.7	136.9	139.1	136.9	132.5	124.8	113.7	101.6	86.1	68.5
90°	121.5	122.6	124.8	127.0	125.9	121.5	114.9	104.9	91.7	75.1	57.4
92.5°	109.3	111.5	112.6	113.7	114.9	111.5	106.0	96.1	82.8	66.3	49.7
95°	100.5	100.5	102.7	103.8	104.9	101.6	97.2	87.2	75.1	59.6	43.1
97.5°	91.7	91.7	93.9	93.9	95.0	92.8	88.3	79.5	67.4	53.0	36.4
100°	82.8	83.9	85.0	86.1	86.1	85.0	80.6	71.8	60.7	47.5	32.0
102.5°	77.3	77.3	78.4	78.4	79.5	77.3	72.9	65.2	54.1	42.0	27.6
105°	71.8	71.8	72.9	72.9	71.8	69.6	65.2	58.5	48.6	36.4	24.3
107.5°	67.4	67.4	67.4	67.4	66.3	64.1	59.6	51.9	43.1	33.1	22.1
110°	64.1	62.9	62.9	61.8	60.7	57.4	53.0	46.4	38.7	28.7	18.8



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CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	60.7	59.6	58.5	57.4	55.2	51.9	47.5	42.0	34.2	25.4	16.6
115°	57.4	56.3	55.2	53.0	50.8	47.5	43.1	37.5	29.8	22.1	14.4
117.5°	54.1	53.0	50.8	48.6	46.4	43.1	38.7	33.1	26.5	19.9	13.3
120°	49.7	48.6	47.5	45.3	43.1	38.7	34.2	29.8	23.2	17.7	11.0
122.5°	46.4	45.3	43.1	42.0	38.7	35.3	30.9	26.5	21.0	15.5	9.9
125°	42.0	40.9	39.8	37.5	35.3	30.9	27.6	23.2	18.8	13.3	7.7
127.5°	38.7	37.5	35.3	33.1	30.9	27.6	24.3	21.0	16.6	11.0	7.7
130°	34.2	33.1	32.0	29.8	27.6	24.3	22.1	17.7	14.4	9.9	6.6
132.5°	29.8	29.8	28.7	26.5	24.3	22.1	18.8	15.5	12.1	8.8	5.5
135°	27.6	26.5	25.4	23.2	22.1	18.8	16.6	13.3	9.9	7.7	4.4
137.5°	24.3	23.2	22.1	21.0	18.8	16.6	14.4	11.0	8.8	6.6	4.4
140°	21.0	19.9	19.9	17.7	16.6	14.4	12.1	9.9	7.7	5.5	3.3
142.5°	18.8	17.7	16.6	15.5	14.4	12.1	9.9	7.7	6.6	4.4	3.3
145°	16.6	15.5	14.4	13.3	12.1	9.9	8.8	6.6	5.5	4.4	3.3
147.5°	13.3	13.3	12.1	11.0	9.9	8.8	7.7	6.6	4.4	3.3	2.2
150°	11.0	11.0	9.9	8.8	8.8	7.7	6.6	5.5	4.4	3.3	2.2
152.5°	9.9	8.8	8.8	7.7	7.7	6.6	5.5	4.4	3.3	3.3	2.2
155°	7.7	7.7	7.7	6.6	6.6	5.5	4.4	4.4	3.3	2.2	2.2
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: P290196

CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2141.3	2128.0	2139.1	2159.0	2156.8	2154.5	2152.3	2156.8	2171.1	2163.4	2151.2
5°	2138.0	2124.7	2136.9	2155.6	2154.5	2151.2	2149.0	2153.4	2167.8	2160.1	2146.8
7.5°	2131.4	2119.2	2128.0	2146.8	2146.8	2144.6	2142.4	2146.8	2160.1	2153.4	2140.2
10°	2120.3	2111.5	2120.3	2138.0	2139.1	2134.7	2132.5	2138.0	2151.2	2147.9	2136.9
12.5°	2111.5	2102.6	2112.6	2130.2	2131.4	2126.9	2123.6	2130.2	2147.9	2150.1	2146.8
15°	2099.3	2091.6	2103.7	2122.5	2122.5	2119.2	2119.2	2128.0	2152.3	2162.3	2167.8
17.5°	2081.7	2076.1	2090.5	2109.3	2110.4	2108.2	2109.3	2126.9	2159.0	2183.3	2198.7
20°	2059.6	2057.4	2072.8	2092.7	2096.0	2097.1	2102.6	2129.1	2173.3	2206.4	2221.9
22.5°	2033.1	2034.2	2051.8	2072.8	2077.2	2080.6	2091.6	2129.1	2184.4	2219.7	2226.3
25°	2003.3	2006.6	2025.3	2050.7	2056.3	2062.9	2081.7	2130.2	2187.7	2210.9	2199.8
27.5°	1971.2	1977.9	2002.1	2028.7	2035.3	2046.3	2070.6	2123.6	2172.2	2173.3	2132.5
30°	1938.1	1945.8	1974.5	2005.5	2016.5	2027.5	2057.4	2108.2	2134.7	2099.3	2027.5
32.5°	1900.5	1911.6	1940.3	1977.9	1991.1	2005.5	2035.3	2078.3	2068.4	1992.2	1889.5
35°	1853.1	1868.5	1901.7	1945.8	1958.0	1976.7	1997.7	2007.7	1963.5	1855.3	1739.3
37.5°	1794.5	1817.7	1856.4	1907.2	1920.4	1932.6	1938.1	1910.5	1822.1	1705.1	1584.7
40°	1727.2	1762.5	1804.5	1860.8	1874.0	1874.0	1854.2	1795.6	1684.1	1530.6	1397.0
42.5°	1645.4	1688.5	1741.5	1797.8	1811.1	1795.6	1748.2	1645.4	1518.5	1347.3	1205.9
45°	1546.1	1603.5	1663.1	1721.6	1728.3	1694.0	1609.0	1478.7	1321.9	1162.9	1028.1
47.5°	1427.9	1503.0	1568.1	1634.4	1625.6	1568.1	1454.4	1306.4	1140.8	990.6	882.4
50°	1295.4	1383.7	1456.6	1519.6	1500.8	1421.3	1287.6	1133.0	968.5	840.4	750.9
52.5°	1154.0	1255.6	1328.5	1379.3	1353.9	1258.9	1112.1	964.1	829.4	712.3	652.7
55°	1007.1	1109.9	1184.9	1224.7	1191.6	1088.9	944.2	809.5	682.5	606.3	570.9
57.5°	864.7	960.8	1031.4	1063.5	1021.5	918.8	785.2	671.4	579.8	515.7	498.1
60°	727.8	806.2	873.5	897.8	852.5	757.6	642.7	552.2	484.8	440.6	431.8
62.5°	600.8	664.8	717.8	736.6	692.4	618.4	519.0	451.7	404.2	382.1	371.1
65°	495.8	533.4	587.5	584.2	557.7	489.2	416.3	368.8	337.9	323.6	316.9
67.5°	389.8	424.1	458.3	462.7	429.6	382.1	334.6	300.4	283.8	276.1	272.8
70°	301.5	326.9	347.9	342.3	324.7	294.9	265.0	246.3	239.6	236.3	236.3
72.5°	234.1	247.4	257.3	250.7	239.6	224.2	209.8	202.1	203.2	205.4	207.6
75°	181.1	184.4	186.6	180.0	177.8	167.9	166.8	167.9	174.5	181.1	184.4
77.5°	139.1	134.7	131.4	124.8	125.9	124.8	130.3	139.1	149.1	159.0	167.9
80°	107.1	97.2	89.5	82.8	86.1	91.7	102.7	116.0	129.2	140.2	151.3
82.5°	82.8	68.5	57.4	50.8	57.4	66.3	80.6	97.2	112.6	124.8	136.9
85°	64.1	47.5	34.2	27.6	34.2	47.5	62.9	81.7	98.3	111.5	123.7
87.5°	49.7	34.2	18.8	11.0	18.8	33.1	50.8	68.5	85.0	100.5	112.6
90°	39.8	23.2	8.8	2.2	9.9	23.2	39.8	57.4	74.0	90.6	102.7
92.5°	32.0	16.6	4.4	0.0	5.5	17.7	33.1	49.7	66.3	81.7	93.9
95°	26.5	13.3	3.3	0.0	4.4	13.3	26.5	43.1	58.5	74.0	83.9
97.5°	22.1	9.9	2.2	0.0	2.2	11.0	22.1	36.4	51.9	66.3	76.2
100°	18.8	8.8	2.2	0.0	2.2	8.8	18.8	32.0	45.3	58.5	68.5
102.5°	15.5	6.6	1.1	1.1	1.1	6.6	16.6	27.6	39.8	51.9	61.8
105°	14.4	5.5	1.1	1.1	1.1	5.5	14.4	24.3	35.3	46.4	55.2
107.5°	12.1	4.4	1.1	1.1	1.1	4.4	12.1	21.0	32.0	42.0	49.7
110°	9.9	4.4	1.1	1.1	1.1	4.4	9.9	18.8	27.6	36.4	44.2



TEST NUMBER: P290196

CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	8.8	3.3	1.1	1.1	1.1	3.3	8.8	16.6	24.3	33.1	39.8
115°	7.7	3.3	1.1	1.1	1.1	3.3	7.7	14.4	21.0	28.7	35.3
117.5°	6.6	3.3	1.1	1.1	1.1	2.2	6.6	12.1	18.8	25.4	32.0
120°	5.5	2.2	1.1	1.1	1.1	2.2	5.5	11.0	16.6	22.1	27.6
122.5°	5.5	2.2	1.1	1.1	1.1	2.2	4.4	8.8	14.4	18.8	24.3
125°	4.4	2.2	1.1	1.1	1.1	1.1	4.4	7.7	12.1	16.6	21.0
127.5°	4.4	2.2	1.1	1.1	1.1	1.1	3.3	6.6	9.9	14.4	18.8
130°	3.3	2.2	1.1	1.1	1.1	1.1	2.2	5.5	8.8	12.1	15.5
132.5°	3.3	2.2	1.1	1.1	1.1	1.1	2.2	4.4	6.6	9.9	13.3
135°	3.3	1.1	1.1	1.1	1.1	1.1	1.1	3.3	5.5	7.7	9.9
137.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	2.2	4.4	5.5	8.8
140°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.3	4.4	6.6
142.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	3.3	5.5
145°	2.2	1.1	1.1	2.2	2.2	1.1	1.1	2.2	2.2	3.3	4.4
147.5°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.2	2.2	3.3
150°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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



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CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2149.0	2123.6	2136.9	2132.5	2136.9	2147.9	2146.8	2143.5	2145.7	2140.2	2134.7
5°	2144.6	2119.2	2132.5	2126.9	2132.5	2143.5	2141.3	2138.0	2141.3	2134.7	2129.1
7.5°	2139.1	2115.9	2131.4	2130.2	2140.2	2154.5	2155.6	2155.6	2163.4	2153.4	2149.0
10°	2139.1	2126.9	2147.9	2155.6	2181.0	2199.8	2202.0	2206.4	2219.7	2217.5	2206.4
12.5°	2162.3	2160.1	2191.0	2209.8	2233.0	2259.5	2273.8	2278.2	2287.1	2280.4	2276.0
15°	2192.1	2203.1	2237.4	2258.4	2283.8	2303.6	2306.9	2309.2	2315.8	2305.8	2298.1
17.5°	2231.8	2238.5	2266.1	2274.9	2291.5	2294.8	2290.4	2279.3	2279.3	2257.2	2250.6
20°	2250.6	2247.3	2258.4	2244.0	2237.4	2217.5	2198.7	2177.7	2176.6	2153.4	2151.2
22.5°	2234.1	2212.0	2188.8	2153.4	2138.0	2109.3	2083.9	2071.7	2064.0	2034.2	2026.4
25°	2175.5	2121.4	2087.2	2045.2	2007.7	1974.5	1950.2	1924.8	1900.5	1876.3	1865.2
27.5°	2073.9	2023.1	1967.9	1909.4	1857.5	1806.7	1765.8	1740.4	1717.2	1685.2	1668.6
30°	1949.1	1878.5	1817.7	1761.4	1676.4	1614.5	1580.3	1529.5	1511.8	1497.5	1466.5
32.5°	1802.3	1717.2	1634.4	1558.2	1471.0	1413.5	1368.3	1330.7	1319.7	1282.1	1273.3
35°	1639.9	1528.4	1434.5	1359.4	1296.5	1226.9	1189.4	1164.0	1141.9	1116.5	1112.1
37.5°	1448.9	1348.4	1242.4	1176.1	1126.4	1066.8	1038.1	1020.4	1010.5	991.7	988.4
40°	1256.7	1156.2	1083.3	1017.1	986.2	954.1	933.2	925.4	921.0	914.4	907.8
42.5°	1082.2	993.9	942.0	897.8	884.6	869.1	863.6	868.0	863.6	861.4	860.3
45°	934.3	866.9	830.5	817.2	813.9	809.5	813.9	821.6	822.7	820.5	820.5
47.5°	799.5	767.5	752.0	754.3	759.8	763.1	770.8	780.8	783.0	777.4	779.7
50°	711.2	692.4	689.1	697.9	710.1	714.5	723.3	731.1	730.0	727.8	725.5
52.5°	628.4	622.8	631.7	640.5	653.8	656.0	659.3	662.6	661.5	657.1	654.9
55°	558.8	563.2	570.9	574.3	584.2	583.1	584.2	584.2	579.8	577.6	574.3
57.5°	495.8	496.9	501.4	502.5	508.0	505.8	504.7	502.5	495.8	494.7	491.4
60°	431.8	429.6	439.5	431.8	436.2	431.8	430.7	425.2	418.5	417.4	415.2
62.5°	371.1	366.6	373.3	370.0	372.2	367.7	365.5	358.9	353.4	352.3	351.2
65°	316.9	314.7	321.4	320.3	322.5	316.9	314.7	310.3	305.9	304.8	303.7
67.5°	271.7	277.2	280.5	280.5	282.7	281.6	276.1	275.0	273.9	269.5	269.5
70°	238.5	241.8	248.5	249.6	248.5	250.7	246.3	245.2	244.1	241.8	240.7
72.5°	212.0	216.4	223.1	224.2	223.1	223.1	220.9	219.8	219.8	216.4	216.4
75°	191.0	196.6	202.1	202.1	202.1	199.9	197.7	197.7	195.5	194.4	192.2
77.5°	173.4	180.0	184.4	183.3	182.2	180.0	180.0	176.7	173.4	173.4	171.2
80°	160.1	164.5	167.9	166.8	165.6	162.3	161.2	157.9	155.7	152.4	152.4
82.5°	145.8	151.3	153.5	152.4	150.2	146.9	145.8	143.6	141.4	140.2	138.0
85°	133.6	139.1	140.2	138.0	135.8	133.6	132.5	131.4	130.3	128.1	128.1
87.5°	121.5	127.0	127.0	125.9	123.7	122.6	121.5	120.4	119.3	118.2	117.1
90°	111.5	116.0	116.0	114.9	113.7	112.6	111.5	110.4	109.3	108.2	108.2
92.5°	101.6	106.0	106.0	104.9	103.8	102.7	102.7	101.6	100.5	99.4	98.3
95°	92.8	97.2	97.2	97.2	96.1	95.0	95.0	93.9	92.8	92.8	91.7
97.5°	83.9	88.3	88.3	88.3	87.2	86.1	86.1	85.0	85.0	85.0	83.9
100°	76.2	79.5	80.6	80.6	79.5	79.5	79.5	78.4	78.4	78.4	77.3
102.5°	68.5	71.8	74.0	74.0	74.0	72.9	72.9	72.9	72.9	72.9	71.8
105°	61.8	65.2	67.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
107.5°	56.3	59.6	61.8	62.9	64.1	64.1	65.2	65.2	65.2	65.2	65.2
110°	50.8	54.1	57.4	58.5	59.6	60.7	60.7	61.8	60.7	60.7	60.7



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CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	45.3	49.7	51.9	54.1	55.2	56.3	57.4	57.4	57.4	57.4	57.4
115°	40.9	45.3	47.5	49.7	51.9	53.0	53.0	54.1	54.1	54.1	53.0
117.5°	36.4	40.9	43.1	45.3	46.4	48.6	49.7	49.7	49.7	49.7	48.6
120°	33.1	36.4	38.7	40.9	43.1	44.2	45.3	45.3	45.3	45.3	45.3
122.5°	28.7	32.0	35.3	37.5	38.7	39.8	40.9	40.9	40.9	40.9	40.9
125°	25.4	28.7	30.9	33.1	34.2	36.4	36.4	36.4	36.4	36.4	36.4
127.5°	22.1	25.4	27.6	29.8	30.9	32.0	33.1	33.1	33.1	33.1	33.1
130°	18.8	22.1	24.3	26.5	27.6	28.7	28.7	29.8	29.8	29.8	29.8
132.5°	16.6	18.8	21.0	23.2	24.3	25.4	25.4	26.5	26.5	26.5	26.5
135°	13.3	16.6	17.7	19.9	21.0	22.1	22.1	23.2	23.2	23.2	23.2
137.5°	11.0	13.3	15.5	17.7	18.8	18.8	19.9	19.9	21.0	21.0	21.0
140°	8.8	9.9	13.3	14.4	15.5	16.6	17.7	17.7	17.7	17.7	17.7
142.5°	6.6	8.8	9.9	12.1	13.3	14.4	15.5	15.5	15.5	15.5	15.5
145°	5.5	6.6	7.7	9.9	11.0	12.1	13.3	13.3	13.3	13.3	13.3
147.5°	4.4	5.5	6.6	7.7	8.8	9.9	11.0	11.0	11.0	11.0	11.0
150°	3.3	4.4	5.5	5.5	6.6	7.7	8.8	9.9	9.9	9.9	9.9
152.5°	3.3	3.3	4.4	4.4	5.5	6.6	7.7	7.7	7.7	7.7	7.7
155°	2.2	3.3	3.3	3.3	4.4	4.4	5.5	6.6	6.6	6.6	6.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290196

CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2138.0	2142.4	2140.2	2136.9	2135.8	2141.3	2135.8	2110.4	2120.3	2121.4	2129.1
5°	2134.7	2138.0	2135.8	2133.6	2130.2	2136.9	2130.2	2103.7	2113.7	2114.8	2122.5
7.5°	2156.8	2157.9	2157.9	2152.3	2143.5	2146.8	2138.0	2108.2	2113.7	2113.7	2119.2
10°	2212.0	2214.2	2217.5	2203.1	2192.1	2183.3	2171.1	2134.7	2133.6	2124.7	2124.7
12.5°	2283.8	2278.2	2272.7	2266.1	2257.2	2246.2	2228.5	2185.5	2171.1	2156.8	2142.4
15°	2304.7	2302.5	2301.4	2298.1	2292.6	2289.3	2276.0	2233.0	2212.0	2194.3	2168.9
17.5°	2249.5	2253.9	2268.3	2269.4	2276.0	2289.3	2287.1	2257.2	2238.5	2230.7	2199.8
20°	2150.1	2151.2	2168.9	2176.6	2205.3	2227.4	2244.0	2240.7	2236.3	2245.1	2221.9
22.5°	2030.9	2038.6	2057.4	2069.5	2097.1	2122.5	2149.0	2163.4	2186.6	2223.0	2218.6
25°	1868.5	1878.5	1905.0	1924.8	1963.5	2002.1	2037.5	2062.9	2090.5	2160.1	2183.3
27.5°	1674.2	1689.6	1723.9	1743.7	1797.8	1837.6	1888.4	1938.1	1976.7	2056.3	2103.7
30°	1469.9	1483.1	1519.6	1547.2	1593.5	1647.7	1711.7	1782.4	1846.4	1927.1	1986.7
32.5°	1278.8	1293.2	1323.0	1347.3	1399.2	1444.5	1515.1	1602.4	1662.0	1773.6	1853.1
35°	1112.1	1125.3	1146.3	1167.3	1210.3	1256.7	1317.5	1402.5	1478.7	1594.7	1695.1
37.5°	995.0	997.2	1009.4	1021.5	1053.5	1088.9	1136.4	1211.4	1282.1	1406.9	1517.3
40°	911.1	911.1	917.7	921.0	935.4	956.3	986.2	1044.7	1103.2	1198.2	1332.9
42.5°	859.2	857.0	857.0	858.1	857.0	866.9	884.6	912.2	964.1	1042.5	1147.4
45°	820.5	816.1	812.8	805.1	800.6	800.6	801.7	811.7	841.5	892.3	977.3
47.5°	777.4	776.3	770.8	762.0	754.3	748.7	739.9	736.6	745.4	774.1	831.6
50°	727.8	722.2	716.7	710.1	701.2	695.7	679.2	680.3	672.5	685.8	715.6
52.5°	654.9	650.4	648.2	642.7	639.4	637.2	623.9	610.7	607.4	609.6	620.6
55°	574.3	576.5	567.6	572.0	570.9	561.0	555.5	545.5	542.2	541.1	546.6
57.5°	490.3	492.5	487.0	491.4	491.4	485.9	482.6	482.6	474.9	468.2	476.0
60°	414.1	409.7	413.0	418.5	418.5	415.2	413.0	413.0	407.5	405.3	410.8
62.5°	352.3	347.9	351.2	356.7	357.8	355.6	353.4	353.4	346.8	346.8	351.2
65°	304.8	305.9	304.8	309.2	309.2	310.3	308.1	305.9	298.2	301.5	300.4
67.5°	270.6	269.5	269.5	273.9	272.8	275.0	272.8	269.5	263.9	259.5	258.4
70°	241.8	240.7	240.7	243.0	244.1	244.1	243.0	240.7	233.0	228.6	225.3
72.5°	216.4	215.3	216.4	217.6	218.7	219.8	218.7	216.4	209.8	204.3	198.8
75°	193.3	192.2	195.5	195.5	196.6	196.6	197.7	196.6	191.0	184.4	177.8
77.5°	170.1	171.2	174.5	175.6	177.8	178.9	180.0	180.0	174.5	169.0	160.1
80°	151.3	153.5	155.7	156.8	159.0	162.3	163.4	164.5	160.1	154.6	144.7
82.5°	138.0	139.1	141.4	142.5	145.8	146.9	148.0	150.2	148.0	142.5	131.4
85°	127.0	128.1	130.3	130.3	132.5	134.7	135.8	136.9	135.8	130.3	119.3
87.5°	117.1	118.2	119.3	120.4	121.5	122.6	123.7	124.8	123.7	118.2	108.2
90°	108.2	108.2	109.3	109.3	110.4	111.5	113.7	113.7	112.6	108.2	98.3
92.5°	98.3	99.4	99.4	100.5	101.6	102.7	103.8	103.8	102.7	98.3	89.5
95°	91.7	91.7	92.8	92.8	93.9	93.9	95.0	95.0	93.9	89.5	80.6
97.5°	83.9	83.9	83.9	83.9	85.0	85.0	86.1	86.1	85.0	80.6	72.9
100°	77.3	77.3	77.3	77.3	77.3	78.4	78.4	78.4	77.3	72.9	65.2
102.5°	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	69.6	66.3	58.5
105°	68.5	68.5	68.5	67.4	67.4	67.4	66.3	66.3	62.9	59.6	53.0
107.5°	64.1	64.1	64.1	62.9	62.9	61.8	60.7	60.7	57.4	54.1	47.5
110°	60.7	60.7	60.7	59.6	58.5	57.4	56.3	55.2	51.9	47.5	42.0



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CATALOG NUMBER: 4SSRK-LC-60-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	57.4	57.4	56.3	56.3	55.2	54.1	51.9	50.8	47.5	43.1	37.5
115°	53.0	53.0	53.0	51.9	50.8	49.7	48.6	46.4	43.1	38.7	33.1
117.5°	48.6	48.6	48.6	47.5	46.4	45.3	44.2	42.0	38.7	34.2	29.8
120°	44.2	44.2	44.2	43.1	42.0	40.9	39.8	37.5	34.2	30.9	25.4
122.5°	40.9	40.9	39.8	38.7	37.5	36.4	35.3	33.1	30.9	26.5	22.1
125°	36.4	36.4	35.3	35.3	34.2	33.1	32.0	29.8	26.5	23.2	19.9
127.5°	33.1	32.0	32.0	32.0	30.9	29.8	27.6	26.5	23.2	19.9	16.6
130°	28.7	28.7	28.7	27.6	27.6	26.5	24.3	22.1	19.9	17.7	14.4
132.5°	25.4	25.4	25.4	25.4	24.3	23.2	21.0	19.9	17.7	14.4	12.1
135°	23.2	23.2	22.1	22.1	21.0	19.9	18.8	16.6	14.4	12.1	9.9
137.5°	19.9	19.9	19.9	18.8	18.8	17.7	15.5	14.4	13.3	11.0	8.8
140°	17.7	17.7	16.6	16.6	15.5	15.5	14.4	12.1	11.0	8.8	7.7
142.5°	15.5	15.5	14.4	14.4	13.3	13.3	12.1	11.0	8.8	7.7	5.5
145°	13.3	13.3	12.1	12.1	12.1	11.0	9.9	8.8	7.7	6.6	5.5
147.5°	11.0	11.0	11.0	9.9	9.9	8.8	8.8	7.7	6.6	5.5	4.4
150°	9.9	9.9	8.8	8.8	8.8	7.7	6.6	6.6	5.5	4.4	3.3
152.5°	7.7	7.7	7.7	7.7	6.6	6.6	5.5	5.5	4.4	3.3	3.3
155°	6.6	6.6	6.6	5.5	5.5	5.5	4.4	4.4	3.3	3.3	2.2
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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0	2138.0
2.5°	2125.8	2124.7	2134.7	2133.6	2120.3	2140.2	2153.4
5°	2120.3	2119.2	2128.0	2130.2	2115.9	2136.9	2151.2
7.5°	2115.9	2114.8	2124.7	2128.0	2113.7	2132.5	2147.9
10°	2117.0	2111.5	2120.3	2122.5	2109.3	2129.1	2142.4
12.5°	2124.7	2111.5	2114.8	2114.8	2102.6	2120.3	2134.7
15°	2143.5	2115.9	2111.5	2108.2	2092.7	2109.3	2123.6
17.5°	2164.5	2126.9	2111.5	2100.4	2081.7	2096.0	2111.5
20°	2185.5	2139.1	2113.7	2096.0	2070.6	2083.9	2094.9
22.5°	2195.4	2150.1	2115.9	2089.4	2057.4	2064.0	2076.1
25°	2182.2	2145.7	2111.5	2079.5	2040.8	2041.9	2051.8
27.5°	2133.6	2123.6	2101.5	2069.5	2027.5	2022.0	2029.8
30°	2050.7	2078.3	2079.5	2056.3	2012.1	2001.0	2004.4
32.5°	1934.8	1996.6	2033.1	2028.7	1990.0	1974.5	1976.7
35°	1801.2	1878.5	1958.0	1984.5	1956.9	1944.7	1940.3
37.5°	1641.0	1744.8	1850.9	1916.0	1911.6	1903.9	1899.4
40°	1464.3	1589.1	1715.0	1818.8	1850.9	1850.9	1853.1
42.5°	1275.5	1421.3	1559.3	1690.7	1765.8	1782.4	1789.0
45°	1093.3	1240.2	1390.3	1541.6	1642.1	1694.0	1712.8
47.5°	927.6	1075.6	1218.1	1383.7	1517.3	1584.7	1614.5
50°	786.3	896.7	1046.9	1211.4	1357.2	1440.0	1498.6
52.5°	669.2	755.4	886.8	1040.3	1187.2	1300.9	1355.0
55°	570.9	629.5	741.0	873.5	1013.8	1131.9	1194.9
57.5°	488.1	534.5	610.7	721.1	839.3	956.3	1023.7
60°	415.2	447.3	499.2	586.4	686.9	787.4	852.5
62.5°	352.3	373.3	407.5	471.5	550.0	628.4	689.1
65°	303.7	312.5	331.3	371.1	430.7	490.3	542.2
67.5°	256.2	261.7	276.1	300.4	330.2	373.3	407.5
70°	220.9	220.9	222.0	236.3	251.8	279.4	303.7
72.5°	192.2	188.8	182.2	185.5	188.8	204.3	219.8
75°	169.0	161.2	150.2	145.8	143.6	145.8	154.6
77.5°	149.1	138.0	124.8	113.7	104.9	101.6	109.3
80°	132.5	119.3	103.8	89.5	75.1	67.4	70.7
82.5°	119.3	102.7	86.1	69.6	53.0	42.0	42.0
85°	104.9	89.5	71.8	54.1	37.5	23.2	21.0
87.5°	95.0	78.4	59.6	43.1	26.5	12.1	6.6
90°	85.0	68.5	50.8	34.2	18.8	5.5	0.0
92.5°	76.2	60.7	44.2	27.6	13.3	3.3	0.0
95°	68.5	54.1	37.5	23.2	11.0	2.2	1.1
97.5°	60.7	47.5	33.1	18.8	7.7	2.2	1.1
100°	55.2	42.0	28.7	15.5	6.6	1.1	1.1
102.5°	48.6	37.5	24.3	13.3	5.5	1.1	1.1
105°	43.1	33.1	21.0	11.0	4.4	1.1	1.1
107.5°	38.7	28.7	18.8	9.9	4.4	1.1	1.1
110°	34.2	25.4	16.6	8.8	3.3	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	30.9	22.1	14.4	7.7	2.2	1.1	1.1
115°	26.5	19.9	12.1	6.6	2.2	1.1	1.1
117.5°	23.2	16.6	11.0	5.5	2.2	1.1	1.1
120°	19.9	14.4	8.8	4.4	1.1	1.1	1.1
122.5°	17.7	12.1	7.7	4.4	1.1	1.1	1.1
125°	15.5	11.0	6.6	3.3	1.1	1.1	1.1
127.5°	13.3	8.8	5.5	2.2	1.1	1.1	1.1
130°	11.0	7.7	4.4	2.2	1.1	1.1	1.1
132.5°	8.8	6.6	4.4	2.2	1.1	1.1	1.1
135°	7.7	5.5	3.3	2.2	1.1	1.1	1.1
137.5°	6.6	4.4	2.2	2.2	2.2	1.1	1.1
140°	5.5	3.3	2.2	2.2	2.2	2.2	1.1
142.5°	4.4	3.3	2.2	2.2	2.2	2.2	1.1
145°	3.3	2.2	2.2	2.2	2.2	2.2	1.1
147.5°	3.3	2.2	2.2	2.2	2.2	2.2	1.1
150°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
152.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
155°	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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)