

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: P290217

Luminaire Tested: **8SSRK-LC-40-L835-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: P290217
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-40-L835-CD1-U
Description: 4000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4220.0 lumens
Efficiency: N/A
Efficacy: 156.2 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

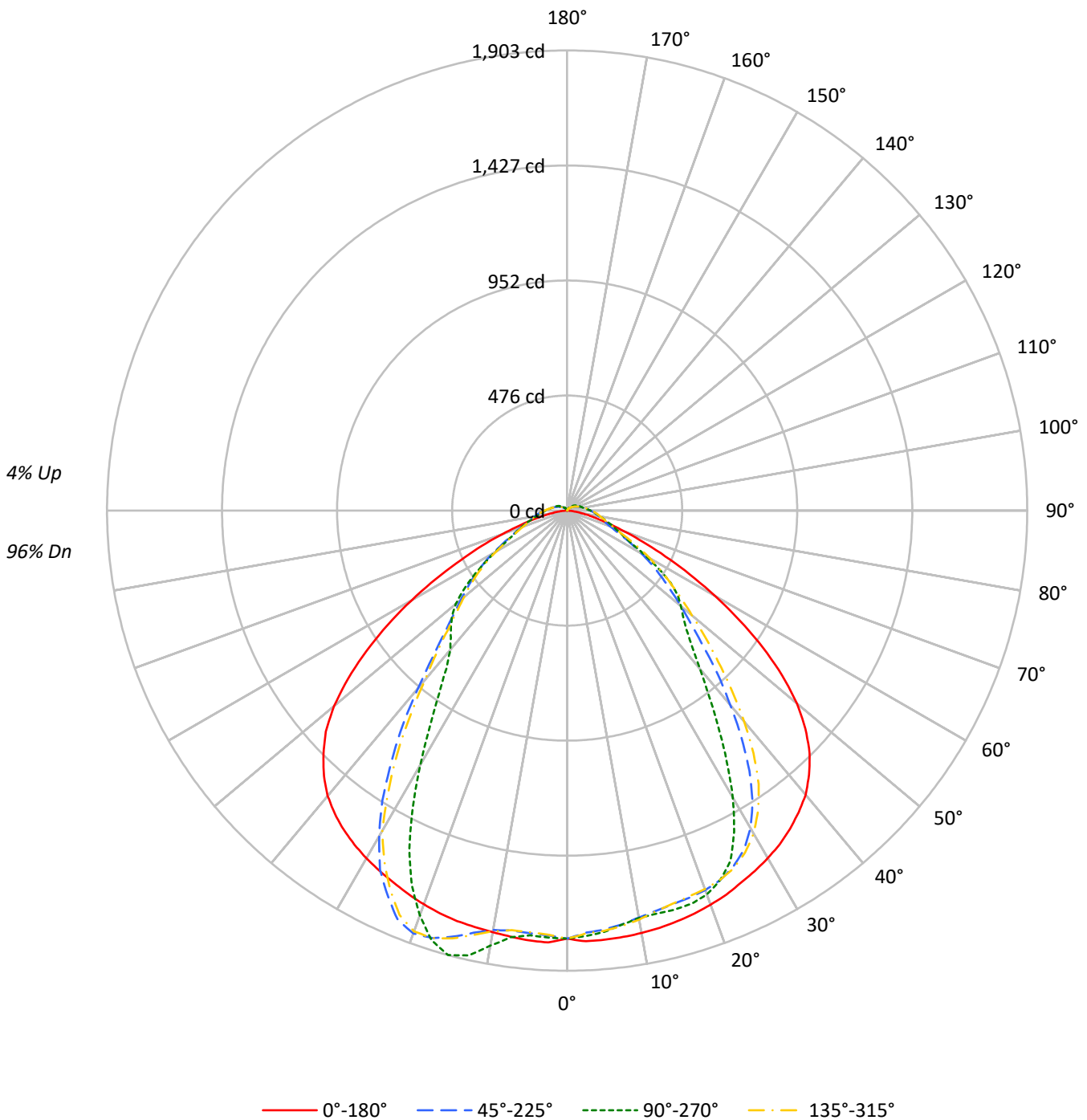
Input Watts (W): 27.0151
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96				
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82				
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71				
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61				
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54				
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47				
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42				
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38				
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34				
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31				
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	57162	57162	57162	57162
5°	57632	42001	57749	42330
10°	57953	32895	57832	35128
15°	58455	27575	58425	30704
20°	59156	23643	59094	24924
25°	59949	19875	59917	19205
30°	61146	15443	61179	13682
35°	62419	11285	62597	9550
40°	63565	8255	63830	7273
45°	63443	6372	63770	6205
50°	60823	5352	61676	5233
55°	54087	4386	55437	3988
60°	44001	3054	46339	2801
65°	32840	2116	35378	2006
70°	22451	1642	25317	1569
75°	14818	1318	17249	1246
80°	9729	1077	11409	991
85°	5207	921	6853	841



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.1	4.0
10°-20°	500.3	11.9
20°-30°	760.6	18.0
30°-40°	815.9	19.3
40°-50°	708.1	16.8
50°-60°	524.8	12.4
60°-70°	300.7	7.1
70°-80°	166.5	3.9
80°-90°	101.4	2.4
90°-100°	65.9	1.6
100°-110°	44.2	1.0
110°-120°	29.8	0.7
120°-130°	18.3	0.4
130°-140°	9.6	0.2
140°-150°	4.4	0.1
150°-160°	1.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1429.0	33.9
0°-40°	2245.0	53.2
0°-60°	3477.9	82.4
0°-90°	4046.5	95.9
90°-120°	139.9	3.3
90°-150°	172.2	4.1
90°-180°	173.0	4.1
0°-180°	4220.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1770	1770	1770	1770	1770	
5°	1781	1749	1785	1763	1781	170
15°	1758	1709	1757	1903	1758	498
25°	1699	1598	1698	1544	1699	785
35°	1606	1088	1611	921	1606	1006
45°	1418	698	1426	679	1418	1086
55°	989	523	1014	476	989	877
65°	449	265	484	251	449	453
75°	128	168	149	159	128	146
85°	17	116	23	106	17	23
90°	0	97	2	90	0	1
95°	1	80	0	76	1	1
105°	1	59	1	57	1	1
115°	1	48	1	44	1	1
125°	1	37	1	30	1	1
135°	1	23	1	19	1	1
145°	1	14	2	11	1	1
155°	2	6	2	6	2	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1783.0	1778.4	1776.6	1772.9	1775.7	1786.7	1779.3	1767.5	1768.4	1747.3	1758.3
5°	1781.2	1775.7	1772.9	1769.3	1771.1	1781.2	1773.9	1762.0	1761.1	1740.0	1750.1
7.5°	1778.4	1772.9	1768.4	1765.6	1766.5	1774.8	1765.6	1751.9	1749.2	1726.3	1735.5
10°	1773.9	1770.2	1763.8	1759.2	1758.3	1767.5	1752.8	1739.1	1732.7	1708.9	1718.1
12.5°	1767.5	1762.0	1755.6	1747.3	1746.4	1751.9	1740.0	1720.8	1714.4	1695.2	1705.3
15°	1758.3	1751.9	1744.6	1735.5	1730.9	1734.5	1719.9	1702.5	1701.6	1685.2	1698.9
17.5°	1748.3	1739.1	1730.9	1718.1	1711.7	1714.4	1702.5	1687.0	1688.8	1678.8	1694.3
20°	1734.5	1724.5	1711.7	1698.9	1689.7	1694.3	1686.1	1674.2	1676.9	1669.6	1683.3
22.5°	1719.0	1705.3	1689.7	1675.1	1667.8	1674.2	1667.8	1657.7	1658.6	1654.1	1662.3
25°	1698.9	1683.3	1665.0	1646.8	1643.1	1647.7	1644.0	1635.8	1632.1	1624.8	1628.5
27.5°	1680.6	1663.2	1640.4	1621.2	1614.8	1623.9	1615.7	1602.0	1591.9	1581.8	1574.5
30°	1659.6	1638.5	1612.9	1591.0	1585.5	1589.2	1577.3	1556.2	1529.7	1516.9	1496.8
32.5°	1636.7	1609.3	1577.3	1552.6	1548.9	1546.2	1524.2	1494.1	1452.9	1427.3	1396.2
35°	1606.5	1576.4	1538.0	1507.8	1502.3	1486.7	1451.1	1410.9	1357.8	1313.9	1260.9
37.5°	1572.7	1537.0	1496.8	1456.6	1441.0	1409.9	1359.7	1317.6	1237.1	1184.1	1120.1
40°	1534.3	1491.3	1441.9	1393.5	1367.9	1317.6	1260.0	1197.8	1120.1	1048.8	994.8
42.5°	1481.3	1435.5	1377.0	1323.1	1279.2	1212.4	1144.8	1057.0	985.7	925.3	870.5
45°	1418.2	1363.3	1295.6	1230.7	1175.0	1095.4	1015.9	928.1	868.6	798.2	760.7
47.5°	1336.8	1277.4	1205.1	1132.9	1059.7	972.0	888.8	804.6	745.2	694.9	667.5
50°	1240.8	1185.9	1106.4	1020.4	940.0	848.5	765.3	702.2	644.6	613.5	592.5
52.5°	1121.9	1070.7	989.3	896.1	818.4	728.7	652.9	601.6	560.5	537.6	530.3
55°	989.3	944.5	864.1	777.2	697.7	615.4	557.8	513.0	486.4	472.7	473.6
57.5°	847.6	812.9	737.0	659.3	584.3	522.1	470.0	434.3	414.2	413.3	416.0
60°	705.9	680.3	614.4	547.7	481.9	431.6	393.2	368.5	355.7	356.6	355.7
62.5°	570.6	546.8	499.2	444.4	392.3	358.4	323.7	313.6	302.7	301.7	301.7
65°	449.0	430.7	392.3	352.9	313.6	291.7	274.3	262.4	254.2	252.4	253.3
67.5°	337.4	330.1	303.6	277.1	252.4	238.6	224.0	221.3	214.9	214.9	216.7
70°	251.4	246.0	231.3	215.8	205.7	196.6	189.3	189.3	188.4	187.4	192.0
72.5°	182.0	182.9	178.3	166.4	165.5	163.7	161.8	164.6	165.5	168.2	173.7
75°	128.0	130.8	130.8	128.9	132.6	137.2	139.9	144.5	150.0	153.6	160.0
77.5°	90.5	90.5	95.1	100.6	107.9	116.1	123.4	129.8	137.2	141.7	147.2
80°	58.5	61.3	68.6	78.6	88.7	99.7	109.7	118.0	125.3	132.6	136.2
82.5°	34.7	39.3	48.5	61.3	74.1	87.8	97.8	107.9	116.1	123.4	126.2
85°	17.4	23.8	34.7	48.5	62.2	76.8	89.6	98.8	107.9	114.3	118.0
87.5°	5.5	12.8	24.7	37.5	52.1	66.7	80.5	90.5	98.8	104.2	107.9
90°	0.0	6.4	17.4	31.1	44.8	59.4	72.2	83.2	91.4	96.0	98.8
92.5°	0.0	3.7	13.7	25.6	38.4	53.0	65.8	75.9	83.2	87.8	89.6
95°	0.9	2.7	10.1	21.0	33.8	47.5	59.4	68.6	75.9	80.5	81.4
97.5°	0.9	1.8	8.2	17.4	29.3	42.1	53.9	63.1	68.6	73.1	74.1
100°	0.9	1.8	6.4	15.5	25.6	37.5	48.5	56.7	63.1	66.7	67.7
102.5°	0.9	0.9	5.5	12.8	22.9	32.9	43.0	51.2	56.7	60.3	62.2
105°	0.9	0.9	4.6	11.0	20.1	29.3	38.4	46.6	51.2	54.9	56.7
107.5°	0.9	0.9	3.7	9.1	17.4	25.6	34.7	41.1	46.6	50.3	52.1
110°	0.9	0.9	2.7	8.2	14.6	22.9	30.2	36.6	42.1	45.7	47.5



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.9	0.9	2.7	7.3	12.8	20.1	26.5	32.9	37.5	41.1	43.9
115°	0.9	0.9	2.7	6.4	11.9	17.4	23.8	29.3	33.8	37.5	40.2
117.5°	0.9	0.9	2.7	5.5	10.1	15.5	21.0	26.5	30.2	33.8	36.6
120°	0.9	0.9	1.8	4.6	9.1	13.7	18.3	22.9	27.4	31.1	33.8
122.5°	0.9	0.9	1.8	4.6	7.3	11.9	16.5	20.1	24.7	27.4	30.2
125°	0.9	0.9	1.8	3.7	6.4	11.0	14.6	18.3	21.0	24.7	27.4
127.5°	0.9	0.9	1.8	3.7	5.5	9.1	12.8	16.5	19.2	21.9	23.8
130°	0.9	0.9	1.8	2.7	4.6	7.3	11.0	13.7	17.4	19.2	21.0
132.5°	0.9	0.9	0.9	2.7	3.7	5.5	8.2	11.9	14.6	17.4	18.3
135°	0.9	0.9	0.9	1.8	3.7	4.6	6.4	9.1	11.9	14.6	16.5
137.5°	0.9	0.9	0.9	1.8	2.7	4.6	5.5	7.3	10.1	11.9	14.6
140°	0.9	0.9	0.9	1.8	2.7	3.7	4.6	6.4	8.2	10.1	11.9
142.5°	0.9	0.9	0.9	1.8	1.8	2.7	3.7	5.5	6.4	8.2	10.1
145°	0.9	0.9	0.9	1.8	1.8	2.7	3.7	4.6	5.5	6.4	8.2
147.5°	0.9	0.9	0.9	1.8	1.8	1.8	2.7	3.7	4.6	5.5	6.4
150°	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	3.7	4.6	5.5
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	2.7	3.7	4.6
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7	3.7	3.7
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: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1754.7	1756.5	1767.5	1766.5	1764.7	1762.9	1762.9	1761.1	1762.9	1767.5	1765.6
5°	1745.5	1748.3	1756.5	1755.6	1753.7	1752.8	1751.9	1749.2	1751.0	1757.4	1755.6
7.5°	1729.1	1731.8	1739.1	1735.5	1732.7	1734.5	1730.0	1727.2	1730.9	1737.3	1736.4
10°	1711.7	1713.5	1722.7	1720.8	1716.3	1717.2	1712.6	1710.8	1715.3	1719.0	1719.9
12.5°	1699.8	1706.2	1714.4	1713.5	1712.6	1713.5	1708.9	1707.1	1709.9	1713.5	1712.6
15°	1697.1	1705.3	1714.4	1714.4	1715.3	1716.3	1711.7	1708.9	1711.7	1714.4	1713.5
17.5°	1694.3	1704.4	1712.6	1711.7	1712.6	1714.4	1707.1	1705.3	1708.9	1712.6	1710.8
20°	1685.2	1694.3	1699.8	1698.0	1698.0	1698.9	1689.7	1689.7	1695.2	1698.0	1698.9
22.5°	1659.6	1670.5	1670.5	1666.0	1666.0	1662.3	1659.6	1654.1	1660.5	1665.0	1668.7
25°	1621.2	1625.7	1620.2	1610.2	1604.7	1600.1	1587.3	1598.3	1598.3	1612.0	1616.6
27.5°	1567.2	1557.2	1541.6	1520.6	1516.0	1501.4	1493.1	1495.9	1500.5	1519.7	1534.3
30°	1478.5	1448.3	1421.8	1412.7	1392.6	1377.9	1363.3	1370.6	1378.9	1389.8	1420.0
32.5°	1361.5	1332.2	1289.2	1273.7	1252.7	1234.4	1217.0	1228.0	1242.6	1249.9	1282.8
35°	1227.1	1192.3	1153.0	1126.5	1104.5	1094.5	1072.5	1088.1	1103.6	1109.1	1137.5
37.5°	1084.4	1048.8	1014.0	991.2	970.1	963.7	949.1	960.1	972.0	980.2	1004.0
40°	949.1	916.2	889.7	874.1	859.5	854.0	848.5	853.1	862.2	868.6	886.9
42.5°	833.0	806.5	788.2	779.0	769.0	761.7	762.6	764.4	769.0	782.7	790.9
45°	731.5	715.9	704.1	702.2	695.8	694.9	694.0	697.7	700.4	708.6	715.0
47.5°	650.1	643.7	641.0	644.6	647.4	643.7	645.5	650.1	655.6	655.6	654.7
50°	586.1	587.9	591.6	599.8	605.3	607.1	609.0	614.4	615.4	617.2	614.4
52.5°	534.0	535.8	545.9	558.7	565.1	567.8	571.5	577.0	577.0	578.8	575.1
55°	481.0	483.7	493.8	506.6	512.0	515.7	519.4	523.0	525.8	529.4	526.7
57.5°	422.4	430.7	437.1	440.7	444.4	447.1	449.9	450.8	456.3	457.2	461.8
60°	360.3	362.1	368.5	367.6	364.8	372.1	368.5	374.9	381.3	389.5	390.4
62.5°	300.8	301.7	306.3	304.5	308.1	307.2	310.0	310.0	314.5	318.2	322.8
65°	254.2	255.1	258.8	258.8	257.8	260.6	263.3	265.2	265.2	267.9	271.6
67.5°	219.4	222.2	225.8	227.7	229.5	229.5	232.2	233.2	235.0	235.9	237.7
70°	195.7	199.3	203.0	204.8	205.7	207.6	208.5	208.5	210.3	211.2	213.0
72.5°	178.3	182.0	184.7	184.7	186.5	187.4	187.4	188.4	189.3	191.1	192.9
75°	163.7	166.4	168.2	167.3	167.3	167.3	168.2	168.2	170.1	171.9	173.7
77.5°	150.0	152.7	152.7	150.9	150.9	150.9	150.9	151.8	152.7	154.5	156.4
80°	139.9	139.9	139.0	139.0	137.2	136.2	136.2	137.2	137.2	139.0	141.7
82.5°	128.9	128.9	128.0	127.1	126.2	125.3	125.3	126.2	127.1	128.0	129.8
85°	118.9	118.9	117.0	117.0	116.1	116.1	116.1	116.1	117.0	118.0	119.8
87.5°	108.8	107.9	107.0	106.1	106.1	106.1	106.1	106.1	107.0	108.8	109.7
90°	98.8	97.8	96.9	96.9	96.0	96.0	96.9	96.9	97.8	98.8	99.7
92.5°	89.6	88.7	87.8	87.8	86.9	86.9	87.8	86.9	88.7	88.7	89.6
95°	81.4	80.5	79.5	79.5	79.5	79.5	79.5	79.5	80.5	80.5	81.4
97.5°	74.1	73.1	72.2	72.2	73.1	72.2	73.1	73.1	73.1	74.1	75.0
100°	67.7	66.7	66.7	67.7	66.7	66.7	67.7	67.7	67.7	67.7	68.6
102.5°	62.2	62.2	62.2	62.2	62.2	62.2	63.1	63.1	63.1	63.1	64.0
105°	56.7	57.6	57.6	57.6	58.5	58.5	58.5	59.4	59.4	59.4	59.4
107.5°	53.0	53.9	53.9	54.9	54.9	55.8	55.8	55.8	55.8	56.7	56.7
110°	49.4	50.3	51.2	52.1	52.1	53.0	53.0	53.0	53.0	53.0	53.0



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	45.7	46.6	47.5	49.4	50.3	50.3	50.3	50.3	51.2	51.2	50.3
115°	42.1	43.9	44.8	46.6	47.5	47.5	48.5	48.5	48.5	48.5	47.5
117.5°	38.4	41.1	42.1	43.9	44.8	44.8	45.7	45.7	45.7	45.7	44.8
120°	35.7	37.5	39.3	40.2	41.1	42.1	42.1	43.0	43.0	43.0	42.1
122.5°	32.9	34.7	36.6	37.5	38.4	39.3	39.3	39.3	39.3	39.3	39.3
125°	29.3	31.1	32.9	33.8	34.7	35.7	35.7	36.6	36.6	36.6	35.7
127.5°	26.5	28.3	29.3	31.1	32.0	32.0	32.9	32.9	32.9	32.9	32.0
130°	22.9	24.7	26.5	27.4	28.3	28.3	29.3	29.3	29.3	29.3	29.3
132.5°	20.1	21.9	22.9	24.7	24.7	25.6	25.6	26.5	26.5	26.5	25.6
135°	18.3	19.2	20.1	21.9	21.9	22.9	22.9	22.9	22.9	22.9	22.9
137.5°	16.5	17.4	18.3	19.2	19.2	20.1	20.1	20.1	20.1	21.0	20.1
140°	13.7	15.5	16.5	16.5	17.4	17.4	17.4	18.3	18.3	18.3	17.4
142.5°	11.9	12.8	13.7	14.6	15.5	15.5	15.5	15.5	16.5	15.5	15.5
145°	9.1	11.0	11.9	12.8	13.7	13.7	13.7	13.7	13.7	13.7	13.7
147.5°	7.3	8.2	10.1	11.0	11.0	11.9	11.9	11.9	11.9	11.9	11.9
150°	6.4	6.4	8.2	9.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
152.5°	4.6	5.5	6.4	7.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2
155°	4.6	4.6	5.5	5.5	6.4	6.4	6.4	6.4	7.3	6.4	6.4
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: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1762.9	1762.0	1765.6	1762.0	1743.7	1751.0	1748.3	1758.3	1759.2	1762.0	1771.1
5°	1753.7	1753.7	1758.3	1754.7	1737.3	1744.6	1743.7	1753.7	1755.6	1757.4	1767.5
7.5°	1735.5	1736.4	1742.8	1740.0	1721.7	1732.7	1731.8	1743.7	1747.3	1751.0	1760.1
10°	1718.1	1717.2	1724.5	1721.7	1704.4	1717.2	1716.3	1728.1	1733.6	1740.0	1751.0
12.5°	1708.9	1706.2	1708.9	1706.2	1687.0	1697.1	1698.0	1711.7	1718.1	1726.3	1739.1
15°	1708.9	1704.4	1704.4	1698.9	1676.9	1683.3	1684.2	1693.4	1701.6	1709.9	1725.4
17.5°	1707.1	1702.5	1701.6	1697.1	1673.3	1673.3	1672.4	1678.8	1683.3	1691.6	1708.0
20°	1697.1	1695.2	1694.3	1691.6	1669.6	1666.0	1664.1	1664.1	1666.9	1669.6	1686.1
22.5°	1670.5	1672.4	1674.2	1676.0	1658.6	1652.2	1653.2	1651.3	1648.6	1648.6	1662.3
25°	1621.2	1630.3	1637.6	1645.8	1635.8	1631.2	1636.7	1634.0	1629.4	1625.7	1637.6
27.5°	1542.5	1561.7	1577.3	1597.4	1598.3	1594.6	1609.3	1607.4	1606.5	1601.0	1610.2
30°	1433.7	1463.9	1484.9	1514.2	1538.9	1542.5	1567.2	1570.9	1574.5	1571.8	1580.9
32.5°	1302.0	1343.2	1378.9	1424.6	1448.3	1469.4	1504.1	1518.8	1533.4	1538.0	1548.0
35°	1158.5	1205.1	1247.2	1297.5	1335.0	1380.7	1422.7	1444.7	1477.6	1490.4	1505.0
37.5°	1022.3	1066.1	1107.3	1157.6	1217.9	1265.5	1317.6	1367.0	1411.8	1430.1	1452.0
40°	901.6	937.2	976.5	1020.4	1075.3	1137.5	1194.2	1262.7	1315.8	1352.3	1384.3
42.5°	810.1	827.5	861.3	900.6	944.5	1007.6	1065.2	1142.0	1206.0	1258.2	1311.2
45°	728.7	737.0	761.7	782.7	827.5	883.3	944.5	1019.5	1086.3	1153.0	1217.0
47.5°	659.3	669.3	681.2	694.0	726.0	772.6	825.7	893.3	960.1	1037.8	1110.9
50°	612.6	615.4	617.2	622.7	641.9	673.9	716.9	774.5	838.5	921.7	999.4
52.5°	571.5	571.5	566.0	563.2	570.6	590.7	615.4	656.5	722.3	799.1	881.4
55°	527.6	519.4	517.5	508.4	510.2	519.4	531.2	563.2	617.2	683.0	762.6
57.5°	466.3	462.7	462.7	459.0	451.7	456.3	459.0	481.9	520.3	577.0	646.5
60°	395.9	394.1	398.7	399.6	393.2	395.9	395.0	408.7	436.1	481.9	539.5
62.5°	325.5	333.7	334.7	338.3	334.7	333.7	338.3	350.2	363.9	398.7	443.5
65°	273.4	278.0	278.9	283.5	281.6	281.6	285.3	294.4	302.7	326.4	361.2
67.5°	239.6	237.7	238.6	241.4	238.6	237.7	240.5	246.0	252.4	267.0	291.7
70°	213.0	211.2	211.2	211.2	207.6	204.8	205.7	207.6	210.3	218.5	234.1
72.5°	192.9	192.9	190.2	187.4	184.7	182.9	181.0	179.2	178.3	181.0	189.3
75°	174.6	175.6	174.6	171.9	168.2	164.6	160.9	157.3	152.7	150.9	151.8
77.5°	158.2	159.1	160.0	159.1	155.4	150.9	145.4	139.9	133.5	127.1	123.4
80°	143.6	145.4	146.3	145.4	142.6	139.0	132.6	126.2	117.0	108.8	99.7
82.5°	130.8	133.5	134.4	134.4	132.6	128.9	121.6	114.3	104.2	93.3	81.4
85°	120.7	122.5	124.4	124.4	123.4	119.8	112.5	104.2	94.2	81.4	68.6
87.5°	110.6	111.6	113.4	115.2	113.4	109.7	103.3	94.2	84.1	71.3	56.7
90°	100.6	101.5	103.3	105.2	104.2	100.6	95.1	86.9	75.9	62.2	47.5
92.5°	90.5	92.4	93.3	94.2	95.1	92.4	87.8	79.5	68.6	54.9	41.1
95°	83.2	83.2	85.0	85.9	86.9	84.1	80.5	72.2	62.2	49.4	35.7
97.5°	75.9	75.9	77.7	77.7	78.6	76.8	73.1	65.8	55.8	43.9	30.2
100°	68.6	69.5	70.4	71.3	71.3	70.4	66.7	59.4	50.3	39.3	26.5
102.5°	64.0	64.0	64.9	64.9	65.8	64.0	60.3	53.9	44.8	34.7	22.9
105°	59.4	59.4	60.3	60.3	59.4	57.6	53.9	48.5	40.2	30.2	20.1
107.5°	55.8	55.8	55.8	55.8	54.9	53.0	49.4	43.0	35.7	27.4	18.3
110°	53.0	52.1	52.1	51.2	50.3	47.5	43.9	38.4	32.0	23.8	15.5



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	50.3	49.4	48.5	47.5	45.7	43.0	39.3	34.7	28.3	21.0	13.7
115°	47.5	46.6	45.7	43.9	42.1	39.3	35.7	31.1	24.7	18.3	11.9
117.5°	44.8	43.9	42.1	40.2	38.4	35.7	32.0	27.4	21.9	16.5	11.0
120°	41.1	40.2	39.3	37.5	35.7	32.0	28.3	24.7	19.2	14.6	9.1
122.5°	38.4	37.5	35.7	34.7	32.0	29.3	25.6	21.9	17.4	12.8	8.2
125°	34.7	33.8	32.9	31.1	29.3	25.6	22.9	19.2	15.5	11.0	6.4
127.5°	32.0	31.1	29.3	27.4	25.6	22.9	20.1	17.4	13.7	9.1	6.4
130°	28.3	27.4	26.5	24.7	22.9	20.1	18.3	14.6	11.9	8.2	5.5
132.5°	24.7	24.7	23.8	21.9	20.1	18.3	15.5	12.8	10.1	7.3	4.6
135°	22.9	21.9	21.0	19.2	18.3	15.5	13.7	11.0	8.2	6.4	3.7
137.5°	20.1	19.2	18.3	17.4	15.5	13.7	11.9	9.1	7.3	5.5	3.7
140°	17.4	16.5	16.5	14.6	13.7	11.9	10.1	8.2	6.4	4.6	2.7
142.5°	15.5	14.6	13.7	12.8	11.9	10.1	8.2	6.4	5.5	3.7	2.7
145°	13.7	12.8	11.9	11.0	10.1	8.2	7.3	5.5	4.6	3.7	2.7
147.5°	11.0	11.0	10.1	9.1	8.2	7.3	6.4	5.5	3.7	2.7	1.8
150°	9.1	9.1	8.2	7.3	7.3	6.4	5.5	4.6	3.7	2.7	1.8
152.5°	8.2	7.3	7.3	6.4	6.4	5.5	4.6	3.7	2.7	2.7	1.8
155°	6.4	6.4	6.4	5.5	5.5	4.6	3.7	3.7	2.7	1.8	1.8
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



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1772.9	1762.0	1771.1	1787.6	1785.7	1783.9	1782.1	1785.7	1797.6	1791.2	1781.2
5°	1770.2	1759.2	1769.3	1784.8	1783.9	1781.2	1779.3	1783.0	1794.9	1788.5	1777.5
7.5°	1764.7	1754.7	1762.0	1777.5	1777.5	1775.7	1773.9	1777.5	1788.5	1783.0	1772.0
10°	1755.6	1748.3	1755.6	1770.2	1771.1	1767.5	1765.6	1770.2	1781.2	1778.4	1769.3
12.5°	1748.3	1740.9	1749.2	1763.8	1764.7	1761.1	1758.3	1763.8	1778.4	1780.3	1777.5
15°	1738.2	1731.8	1741.9	1757.4	1757.4	1754.7	1754.7	1762.0	1782.1	1790.3	1794.9
17.5°	1723.6	1719.0	1730.9	1746.4	1747.3	1745.5	1746.4	1761.1	1787.6	1807.7	1820.5
20°	1705.3	1703.5	1716.3	1732.7	1735.5	1736.4	1740.9	1762.9	1799.5	1826.9	1839.7
22.5°	1683.3	1684.2	1698.9	1716.3	1719.9	1722.7	1731.8	1762.9	1808.6	1837.9	1843.3
25°	1658.6	1661.4	1676.9	1698.0	1702.5	1708.0	1723.6	1763.8	1811.3	1830.5	1821.4
27.5°	1632.1	1637.6	1657.7	1679.7	1685.2	1694.3	1714.4	1758.3	1798.5	1799.5	1765.6
30°	1604.7	1611.1	1634.9	1660.5	1669.6	1678.8	1703.5	1745.5	1767.5	1738.2	1678.8
32.5°	1573.6	1582.8	1606.5	1637.6	1648.6	1660.5	1685.2	1720.8	1712.6	1649.5	1564.5
35°	1534.3	1547.1	1574.5	1611.1	1621.2	1636.7	1654.1	1662.3	1625.7	1536.1	1440.1
37.5°	1485.8	1505.0	1537.0	1579.1	1590.1	1600.1	1604.7	1581.8	1508.7	1411.8	1312.1
40°	1430.1	1459.3	1494.1	1540.7	1551.7	1551.7	1535.2	1486.7	1394.4	1267.3	1156.7
42.5°	1362.4	1398.1	1441.9	1488.6	1499.5	1486.7	1447.4	1362.4	1257.2	1115.5	998.5
45°	1280.1	1327.6	1377.0	1425.5	1431.0	1402.6	1332.2	1224.3	1094.5	962.8	851.3
47.5°	1182.3	1244.4	1298.4	1353.3	1345.9	1298.4	1204.2	1081.7	944.5	820.2	730.6
50°	1072.5	1145.7	1206.0	1258.2	1242.6	1176.8	1066.1	938.1	801.9	695.8	621.8
52.5°	955.5	1039.6	1100.0	1142.0	1121.0	1042.4	920.8	798.2	686.7	589.8	540.4
55°	833.9	918.9	981.1	1014.0	986.6	901.6	781.8	670.2	565.1	502.0	472.7
57.5°	715.9	795.5	854.0	880.5	845.8	760.7	650.1	555.9	480.0	427.0	412.4
60°	602.6	667.5	723.3	743.4	705.9	627.3	532.2	457.2	401.4	364.8	357.5
62.5°	497.4	550.4	594.3	609.9	573.3	512.0	429.7	374.0	334.7	316.4	307.2
65°	410.5	441.6	486.4	483.7	461.8	405.1	344.7	305.4	279.8	267.9	262.4
67.5°	322.8	351.1	379.5	383.1	355.7	316.4	277.1	248.7	235.0	228.6	225.8
70°	249.6	270.7	288.0	283.5	268.8	244.1	219.4	203.9	198.4	195.7	195.7
72.5°	193.8	204.8	213.0	207.6	198.4	185.6	173.7	167.3	168.2	170.1	171.9
75°	150.0	152.7	154.5	149.0	147.2	139.0	138.1	139.0	144.5	150.0	152.7
77.5°	115.2	111.6	108.8	103.3	104.2	103.3	107.9	115.2	123.4	131.7	139.0
80°	88.7	80.5	74.1	68.6	71.3	75.9	85.0	96.0	107.0	116.1	125.3
82.5°	68.6	56.7	47.5	42.1	47.5	54.9	66.7	80.5	93.3	103.3	113.4
85°	53.0	39.3	28.3	22.9	28.3	39.3	52.1	67.7	81.4	92.4	102.4
87.5°	41.1	28.3	15.5	9.1	15.5	27.4	42.1	56.7	70.4	83.2	93.3
90°	32.9	19.2	7.3	1.8	8.2	19.2	32.9	47.5	61.3	75.0	85.0
92.5°	26.5	13.7	3.7	0.0	4.6	14.6	27.4	41.1	54.9	67.7	77.7
95°	21.9	11.0	2.7	0.0	3.7	11.0	21.9	35.7	48.5	61.3	69.5
97.5°	18.3	8.2	1.8	0.0	1.8	9.1	18.3	30.2	43.0	54.9	63.1
100°	15.5	7.3	1.8	0.0	1.8	7.3	15.5	26.5	37.5	48.5	56.7
102.5°	12.8	5.5	0.9	0.9	0.9	5.5	13.7	22.9	32.9	43.0	51.2
105°	11.9	4.6	0.9	0.9	0.9	4.6	11.9	20.1	29.3	38.4	45.7
107.5°	10.1	3.7	0.9	0.9	0.9	3.7	10.1	17.4	26.5	34.7	41.1
110°	8.2	3.7	0.9	0.9	0.9	3.7	8.2	15.5	22.9	30.2	36.6



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.3	2.7	0.9	0.9	0.9	2.7	7.3	13.7	20.1	27.4	32.9
115°	6.4	2.7	0.9	0.9	0.9	2.7	6.4	11.9	17.4	23.8	29.3
117.5°	5.5	2.7	0.9	0.9	0.9	1.8	5.5	10.1	15.5	21.0	26.5
120°	4.6	1.8	0.9	0.9	0.9	1.8	4.6	9.1	13.7	18.3	22.9
122.5°	4.6	1.8	0.9	0.9	0.9	1.8	3.7	7.3	11.9	15.5	20.1
125°	3.7	1.8	0.9	0.9	0.9	0.9	3.7	6.4	10.1	13.7	17.4
127.5°	3.7	1.8	0.9	0.9	0.9	0.9	2.7	5.5	8.2	11.9	15.5
130°	2.7	1.8	0.9	0.9	0.9	0.9	1.8	4.6	7.3	10.1	12.8
132.5°	2.7	1.8	0.9	0.9	0.9	0.9	1.8	3.7	5.5	8.2	11.0
135°	2.7	0.9	0.9	0.9	0.9	0.9	0.9	2.7	4.6	6.4	8.2
137.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	3.7	4.6	7.3
140°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	3.7	5.5
142.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	4.6
145°	1.8	0.9	0.9	1.8	1.8	0.9	0.9	1.8	1.8	2.7	3.7
147.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	1.8	2.7
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1779.3	1758.3	1769.3	1765.6	1769.3	1778.4	1777.5	1774.8	1776.6	1772.0	1767.5
5°	1775.7	1754.7	1765.6	1761.1	1765.6	1774.8	1772.9	1770.2	1772.9	1767.5	1762.9
7.5°	1771.1	1751.9	1764.7	1763.8	1772.0	1783.9	1784.8	1784.8	1791.2	1783.0	1779.3
10°	1771.1	1761.1	1778.4	1784.8	1805.9	1821.4	1823.2	1826.9	1837.9	1836.0	1826.9
12.5°	1790.3	1788.5	1814.1	1829.6	1848.8	1870.8	1882.7	1886.3	1893.6	1888.2	1884.5
15°	1815.0	1824.1	1852.5	1869.9	1890.9	1907.4	1910.1	1911.9	1917.4	1909.2	1902.8
17.5°	1847.9	1853.4	1876.3	1883.6	1897.3	1900.0	1896.4	1887.2	1887.2	1868.9	1863.5
20°	1863.5	1860.7	1869.9	1858.0	1852.5	1836.0	1820.5	1803.1	1802.2	1783.0	1781.2
22.5°	1849.7	1831.5	1812.3	1783.0	1770.2	1746.4	1725.4	1715.3	1708.9	1684.2	1677.8
25°	1801.3	1756.5	1728.1	1693.4	1662.3	1634.9	1614.8	1593.7	1573.6	1553.5	1544.4
27.5°	1717.2	1675.1	1629.4	1580.9	1538.0	1495.9	1462.1	1441.0	1421.8	1395.3	1381.6
30°	1613.8	1555.3	1505.0	1458.4	1388.0	1336.8	1308.4	1266.4	1251.8	1239.9	1214.3
32.5°	1492.2	1421.8	1353.3	1290.2	1217.9	1170.4	1132.9	1101.8	1092.7	1061.6	1054.3
35°	1357.8	1265.5	1187.8	1125.6	1073.5	1015.9	984.8	963.7	945.4	924.4	920.8
37.5°	1199.6	1116.4	1028.7	973.8	932.6	883.3	859.5	844.9	836.6	821.1	818.4
40°	1040.5	957.3	897.0	842.1	816.5	790.0	772.6	766.2	762.6	757.1	751.6
42.5°	896.1	822.9	779.9	743.4	732.4	719.6	715.0	718.7	715.0	713.2	712.3
45°	773.5	717.8	687.6	676.6	673.9	670.2	673.9	680.3	681.2	679.4	679.4
47.5°	662.0	635.5	622.7	624.5	629.1	631.8	638.2	646.5	648.3	643.7	645.5
50°	588.8	573.3	570.6	577.9	587.9	591.6	598.9	605.3	604.4	602.6	600.7
52.5°	520.3	515.7	523.0	530.3	541.3	543.1	545.9	548.6	547.7	544.0	542.2
55°	462.7	466.3	472.7	475.5	483.7	482.8	483.7	483.7	480.0	478.2	475.5
57.5°	410.5	411.5	415.1	416.0	420.6	418.8	417.9	416.0	410.5	409.6	406.9
60°	357.5	355.7	363.9	357.5	361.2	357.5	356.6	352.0	346.5	345.6	343.8
62.5°	307.2	303.6	309.1	306.3	308.1	304.5	302.7	297.2	292.6	291.7	290.8
65°	262.4	260.6	266.1	265.2	267.0	262.4	260.6	256.9	253.3	252.4	251.4
67.5°	224.9	229.5	232.2	232.2	234.1	233.2	228.6	227.7	226.8	223.1	223.1
70°	197.5	200.2	205.7	206.6	205.7	207.6	203.9	203.0	202.1	200.2	199.3
72.5°	175.6	179.2	184.7	185.6	184.7	184.7	182.9	182.0	182.0	179.2	179.2
75°	158.2	162.8	167.3	167.3	167.3	165.5	163.7	163.7	161.8	160.9	159.1
77.5°	143.6	149.0	152.7	151.8	150.9	149.0	149.0	146.3	143.6	143.6	141.7
80°	132.6	136.2	139.0	138.1	137.2	134.4	133.5	130.8	128.9	126.2	126.2
82.5°	120.7	125.3	127.1	126.2	124.4	121.6	120.7	118.9	117.0	116.1	114.3
85°	110.6	115.2	116.1	114.3	112.5	110.6	109.7	108.8	107.9	106.1	106.1
87.5°	100.6	105.2	105.2	104.2	102.4	101.5	100.6	99.7	98.8	97.8	96.9
90°	92.4	96.0	96.0	95.1	94.2	93.3	92.4	91.4	90.5	89.6	89.6
92.5°	84.1	87.8	87.8	86.9	85.9	85.0	85.0	84.1	83.2	82.3	81.4
95°	76.8	80.5	80.5	80.5	79.5	78.6	78.6	77.7	76.8	76.8	75.9
97.5°	69.5	73.1	73.1	73.1	72.2	71.3	71.3	70.4	70.4	70.4	69.5
100°	63.1	65.8	66.7	66.7	65.8	65.8	65.8	64.9	64.9	64.9	64.0
102.5°	56.7	59.4	61.3	61.3	61.3	60.3	60.3	60.3	60.3	60.3	59.4
105°	51.2	53.9	55.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
107.5°	46.6	49.4	51.2	52.1	53.0	53.0	53.9	53.9	53.9	53.9	53.9
110°	42.1	44.8	47.5	48.5	49.4	50.3	50.3	51.2	50.3	50.3	50.3



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	37.5	41.1	43.0	44.8	45.7	46.6	47.5	47.5	47.5	47.5	47.5
115°	33.8	37.5	39.3	41.1	43.0	43.9	43.9	44.8	44.8	44.8	43.9
117.5°	30.2	33.8	35.7	37.5	38.4	40.2	41.1	41.1	41.1	41.1	40.2
120°	27.4	30.2	32.0	33.8	35.7	36.6	37.5	37.5	37.5	37.5	37.5
122.5°	23.8	26.5	29.3	31.1	32.0	32.9	33.8	33.8	33.8	33.8	33.8
125°	21.0	23.8	25.6	27.4	28.3	30.2	30.2	30.2	30.2	30.2	30.2
127.5°	18.3	21.0	22.9	24.7	25.6	26.5	27.4	27.4	27.4	27.4	27.4
130°	15.5	18.3	20.1	21.9	22.9	23.8	23.8	24.7	24.7	24.7	24.7
132.5°	13.7	15.5	17.4	19.2	20.1	21.0	21.0	21.9	21.9	21.9	21.9
135°	11.0	13.7	14.6	16.5	17.4	18.3	18.3	19.2	19.2	19.2	19.2
137.5°	9.1	11.0	12.8	14.6	15.5	15.5	16.5	16.5	17.4	17.4	17.4
140°	7.3	8.2	11.0	11.9	12.8	13.7	14.6	14.6	14.6	14.6	14.6
142.5°	5.5	7.3	8.2	10.1	11.0	11.9	12.8	12.8	12.8	12.8	12.8
145°	4.6	5.5	6.4	8.2	9.1	10.1	11.0	11.0	11.0	11.0	11.0
147.5°	3.7	4.6	5.5	6.4	7.3	8.2	9.1	9.1	9.1	9.1	9.1
150°	2.7	3.7	4.6	4.6	5.5	6.4	7.3	8.2	8.2	8.2	8.2
152.5°	2.7	2.7	3.7	3.7	4.6	5.5	6.4	6.4	6.4	6.4	6.4
155°	1.8	2.7	2.7	2.7	3.7	3.7	4.6	5.5	5.5	5.5	5.5
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: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1770.2	1773.9	1772.0	1769.3	1768.4	1772.9	1768.4	1747.3	1755.6	1756.5	1762.9
5°	1767.5	1770.2	1768.4	1766.5	1763.8	1769.3	1763.8	1741.9	1750.1	1751.0	1757.4
7.5°	1785.7	1786.7	1786.7	1782.1	1774.8	1777.5	1770.2	1745.5	1750.1	1750.1	1754.7
10°	1831.5	1833.3	1836.0	1824.1	1815.0	1807.7	1797.6	1767.5	1766.5	1759.2	1759.2
12.5°	1890.9	1886.3	1881.8	1876.3	1868.9	1859.8	1845.2	1809.5	1797.6	1785.7	1773.9
15°	1908.3	1906.4	1905.5	1902.8	1898.2	1895.5	1884.5	1848.8	1831.5	1816.8	1795.8
17.5°	1862.5	1866.2	1878.1	1879.0	1884.5	1895.5	1893.6	1868.9	1853.4	1847.0	1821.4
20°	1780.3	1781.2	1795.8	1802.2	1826.0	1844.3	1858.0	1855.2	1851.6	1858.9	1839.7
22.5°	1681.5	1687.9	1703.5	1713.5	1736.4	1757.4	1779.3	1791.2	1810.4	1840.6	1836.9
25°	1547.1	1555.3	1577.3	1593.7	1625.7	1657.7	1687.0	1708.0	1730.9	1788.5	1807.7
27.5°	1386.2	1399.0	1427.3	1443.8	1488.6	1521.5	1563.6	1604.7	1636.7	1702.5	1741.9
30°	1217.0	1228.0	1258.2	1281.0	1319.4	1364.2	1417.3	1475.8	1528.8	1595.6	1644.9
32.5°	1058.8	1070.7	1095.4	1115.5	1158.5	1196.0	1254.5	1326.7	1376.1	1468.5	1534.3
35°	920.8	931.7	949.1	966.5	1002.1	1040.5	1090.8	1161.2	1224.3	1320.3	1403.5
37.5°	823.8	825.7	835.7	845.8	872.3	901.6	940.9	1003.1	1061.6	1164.9	1256.3
40°	754.3	754.3	759.8	762.6	774.5	791.8	816.5	865.0	913.4	992.1	1103.6
42.5°	711.4	709.5	709.5	710.5	709.5	717.8	732.4	755.3	798.2	863.2	950.0
45°	679.4	675.7	673.0	666.6	662.9	662.9	663.8	672.1	696.7	738.8	809.2
47.5°	643.7	642.8	638.2	630.9	624.5	619.9	612.6	609.9	617.2	641.0	688.5
50°	602.6	598.0	593.4	587.9	580.6	576.0	562.3	563.2	556.8	567.8	592.5
52.5°	542.2	538.6	536.7	532.2	529.4	527.6	516.6	505.6	502.9	504.7	513.9
55°	475.5	477.3	470.0	473.6	472.7	464.5	459.9	451.7	449.0	448.0	452.6
57.5°	406.0	407.8	403.2	406.9	406.9	402.3	399.6	399.6	393.2	387.7	394.1
60°	342.9	339.2	342.0	346.5	346.5	343.8	342.0	342.0	337.4	335.6	340.1
62.5°	291.7	288.0	290.8	295.3	296.3	294.4	292.6	292.6	287.1	287.1	290.8
65°	252.4	253.3	252.4	256.0	256.0	256.9	255.1	253.3	246.9	249.6	248.7
67.5°	224.0	223.1	223.1	226.8	225.8	227.7	225.8	223.1	218.5	214.9	214.0
70°	200.2	199.3	199.3	201.2	202.1	202.1	201.2	199.3	192.9	189.3	186.5
72.5°	179.2	178.3	179.2	180.1	181.0	182.0	181.0	179.2	173.7	169.2	164.6
75°	160.0	159.1	161.8	161.8	162.8	162.8	163.7	162.8	158.2	152.7	147.2
77.5°	140.8	141.7	144.5	145.4	147.2	148.1	149.0	149.0	144.5	139.9	132.6
80°	125.3	127.1	128.9	129.8	131.7	134.4	135.3	136.2	132.6	128.0	119.8
82.5°	114.3	115.2	117.0	118.0	120.7	121.6	122.5	124.4	122.5	118.0	108.8
85°	105.2	106.1	107.9	107.9	109.7	111.6	112.5	113.4	112.5	107.9	98.8
87.5°	96.9	97.8	98.8	99.7	100.6	101.5	102.4	103.3	102.4	97.8	89.6
90°	89.6	89.6	90.5	90.5	91.4	92.4	94.2	94.2	93.3	89.6	81.4
92.5°	81.4	82.3	82.3	83.2	84.1	85.0	85.9	85.9	85.0	81.4	74.1
95°	75.9	75.9	76.8	76.8	77.7	77.7	78.6	78.6	77.7	74.1	66.7
97.5°	69.5	69.5	69.5	69.5	70.4	70.4	71.3	71.3	70.4	66.7	60.3
100°	64.0	64.0	64.0	64.0	64.0	64.9	64.9	64.9	64.0	60.3	53.9
102.5°	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	57.6	54.9	48.5
105°	56.7	56.7	56.7	55.8	55.8	55.8	54.9	54.9	52.1	49.4	43.9
107.5°	53.0	53.0	53.0	52.1	52.1	51.2	50.3	50.3	47.5	44.8	39.3
110°	50.3	50.3	50.3	49.4	48.5	47.5	46.6	45.7	43.0	39.3	34.7



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	47.5	47.5	46.6	46.6	45.7	44.8	43.0	42.1	39.3	35.7	31.1
115°	43.9	43.9	43.9	43.0	42.1	41.1	40.2	38.4	35.7	32.0	27.4
117.5°	40.2	40.2	40.2	39.3	38.4	37.5	36.6	34.7	32.0	28.3	24.7
120°	36.6	36.6	36.6	35.7	34.7	33.8	32.9	31.1	28.3	25.6	21.0
122.5°	33.8	33.8	32.9	32.0	31.1	30.2	29.3	27.4	25.6	21.9	18.3
125°	30.2	30.2	29.3	29.3	28.3	27.4	26.5	24.7	21.9	19.2	16.5
127.5°	27.4	26.5	26.5	26.5	25.6	24.7	22.9	21.9	19.2	16.5	13.7
130°	23.8	23.8	23.8	22.9	22.9	21.9	20.1	18.3	16.5	14.6	11.9
132.5°	21.0	21.0	21.0	21.0	20.1	19.2	17.4	16.5	14.6	11.9	10.1
135°	19.2	19.2	18.3	18.3	17.4	16.5	15.5	13.7	11.9	10.1	8.2
137.5°	16.5	16.5	16.5	15.5	15.5	14.6	12.8	11.9	11.0	9.1	7.3
140°	14.6	14.6	13.7	13.7	12.8	12.8	11.9	10.1	9.1	7.3	6.4
142.5°	12.8	12.8	11.9	11.9	11.0	11.0	10.1	9.1	7.3	6.4	4.6
145°	11.0	11.0	10.1	10.1	10.1	9.1	8.2	7.3	6.4	5.5	4.6
147.5°	9.1	9.1	9.1	8.2	8.2	7.3	7.3	6.4	5.5	4.6	3.7
150°	8.2	8.2	7.3	7.3	7.3	6.4	5.5	5.5	4.6	3.7	2.7
152.5°	6.4	6.4	6.4	6.4	5.5	5.5	4.6	4.6	3.7	2.7	2.7
155°	5.5	5.5	5.5	4.6	4.6	4.6	3.7	3.7	2.7	2.7	1.8
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



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2	1770.2
2.5°	1760.1	1759.2	1767.5	1766.5	1755.6	1772.0	1783.0
5°	1755.6	1754.7	1762.0	1763.8	1751.9	1769.3	1781.2
7.5°	1751.9	1751.0	1759.2	1762.0	1750.1	1765.6	1778.4
10°	1752.8	1748.3	1755.6	1757.4	1746.4	1762.9	1773.9
12.5°	1759.2	1748.3	1751.0	1751.0	1740.9	1755.6	1767.5
15°	1774.8	1751.9	1748.3	1745.5	1732.7	1746.4	1758.3
17.5°	1792.1	1761.1	1748.3	1739.1	1723.6	1735.5	1748.3
20°	1809.5	1771.1	1750.1	1735.5	1714.4	1725.4	1734.5
22.5°	1817.7	1780.3	1751.9	1730.0	1703.5	1708.9	1719.0
25°	1806.8	1776.6	1748.3	1721.7	1689.7	1690.6	1698.9
27.5°	1766.5	1758.3	1740.0	1713.5	1678.8	1674.2	1680.6
30°	1698.0	1720.8	1721.7	1702.5	1666.0	1656.8	1659.6
32.5°	1602.0	1653.2	1683.3	1679.7	1647.7	1634.9	1636.7
35°	1491.3	1555.3	1621.2	1643.1	1620.2	1610.2	1606.5
37.5°	1358.7	1444.7	1532.5	1586.4	1582.8	1576.4	1572.7
40°	1212.4	1315.8	1420.0	1505.9	1532.5	1532.5	1534.3
42.5°	1056.1	1176.8	1291.1	1399.9	1462.1	1475.8	1481.3
45°	905.2	1026.8	1151.2	1276.4	1359.7	1402.6	1418.2
47.5°	768.1	890.6	1008.5	1145.7	1256.3	1312.1	1336.8
50°	651.0	742.5	866.8	1003.1	1123.7	1192.3	1240.8
52.5°	554.1	625.4	734.2	861.3	982.9	1077.1	1121.9
55°	472.7	521.2	613.5	723.3	839.4	937.2	989.3
57.5°	404.1	442.5	505.6	597.1	694.9	791.8	847.6
60°	343.8	370.3	413.3	485.5	568.7	651.9	705.9
62.5°	291.7	309.1	337.4	390.4	455.4	520.3	570.6
65°	251.4	258.8	274.3	307.2	356.6	406.0	449.0
67.5°	212.1	216.7	228.6	248.7	273.4	309.1	337.4
70°	182.9	182.9	183.8	195.7	208.5	231.3	251.4
72.5°	159.1	156.4	150.9	153.6	156.4	169.2	182.0
75°	139.9	133.5	124.4	120.7	118.9	120.7	128.0
77.5°	123.4	114.3	103.3	94.2	86.9	84.1	90.5
80°	109.7	98.8	85.9	74.1	62.2	55.8	58.5
82.5°	98.8	85.0	71.3	57.6	43.9	34.7	34.7
85°	86.9	74.1	59.4	44.8	31.1	19.2	17.4
87.5°	78.6	64.9	49.4	35.7	21.9	10.1	5.5
90°	70.4	56.7	42.1	28.3	15.5	4.6	0.0
92.5°	63.1	50.3	36.6	22.9	11.0	2.7	0.0
95°	56.7	44.8	31.1	19.2	9.1	1.8	0.9
97.5°	50.3	39.3	27.4	15.5	6.4	1.8	0.9
100°	45.7	34.7	23.8	12.8	5.5	0.9	0.9
102.5°	40.2	31.1	20.1	11.0	4.6	0.9	0.9
105°	35.7	27.4	17.4	9.1	3.7	0.9	0.9
107.5°	32.0	23.8	15.5	8.2	3.7	0.9	0.9
110°	28.3	21.0	13.7	7.3	2.7	0.9	0.9



TEST NUMBER: P290217

CATALOG NUMBER: 8SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	25.6	18.3	11.9	6.4	1.8	0.9	0.9
115°	21.9	16.5	10.1	5.5	1.8	0.9	0.9
117.5°	19.2	13.7	9.1	4.6	1.8	0.9	0.9
120°	16.5	11.9	7.3	3.7	0.9	0.9	0.9
122.5°	14.6	10.1	6.4	3.7	0.9	0.9	0.9
125°	12.8	9.1	5.5	2.7	0.9	0.9	0.9
127.5°	11.0	7.3	4.6	1.8	0.9	0.9	0.9
130°	9.1	6.4	3.7	1.8	0.9	0.9	0.9
132.5°	7.3	5.5	3.7	1.8	0.9	0.9	0.9
135°	6.4	4.6	2.7	1.8	0.9	0.9	0.9
137.5°	5.5	3.7	1.8	1.8	1.8	0.9	0.9
140°	4.6	2.7	1.8	1.8	1.8	1.8	0.9
142.5°	3.7	2.7	1.8	1.8	1.8	1.8	0.9
145°	2.7	1.8	1.8	1.8	1.8	1.8	0.9
147.5°	2.7	1.8	1.8	1.8	1.8	1.8	0.9
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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)