

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: P290193

Luminaire Tested: **4SSRK-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: P290193
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-40-L835-CD1-U
Description: 4000 LUMEN, 4 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: 4247.8 lumens
Efficiency: N/A
Efficacy: 153.3 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

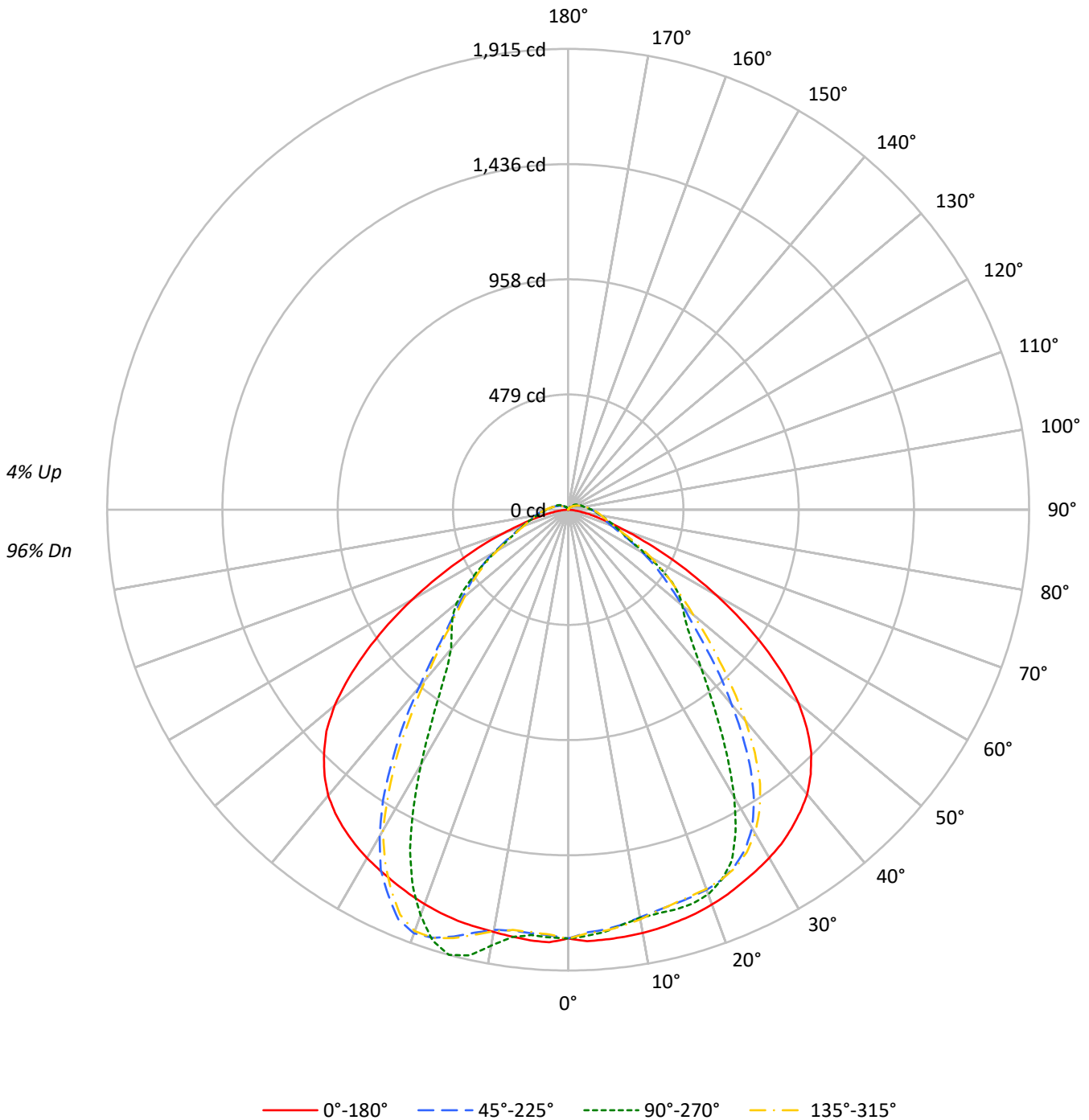
Input Watts (W): 27.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	115074	115074	115074	115074
5°	115811	84555	116050	85218
10°	116238	66221	115997	70717
15°	117031	55515	116972	61811
20°	118199	47597	118077	50174
25°	119538	40012	119468	38661
30°	121649	31088	121715	27543
35°	123880	22718	124232	19225
40°	125805	16618	126327	14640
45°	125164	12827	125813	12491
50°	119545	10776	121220	10535
55°	105827	8832	108473	8028
60°	85595	6149	90149	5639
65°	63393	4258	68303	4038
70°	42883	3304	48339	3159
75°	27836	2652	32392	2508
80°	17719	2169	20757	1994
85°	8784	1854	11545	1694



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.3	4.0
10°-20°	503.6	11.9
20°-30°	765.6	18.0
30°-40°	821.3	19.3
40°-50°	712.8	16.8
50°-60°	528.3	12.4
60°-70°	302.7	7.1
70°-80°	167.6	3.9
80°-90°	102.1	2.4
90°-100°	66.4	1.6
100°-110°	44.4	1.0
110°-120°	30.0	0.7
120°-130°	18.4	0.4
130°-140°	9.7	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°	1438.4	33.9
0°-40°	2259.7	53.2
0°-60°	3500.8	82.4
0°-90°	4073.1	95.9
90°-120°	140.8	3.3
90°-150°	173.3	4.1
90°-180°	175.0	4.1
0°-180°	4247.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1782	1782	1782	1782	1782	
5°	1793	1761	1797	1774	1793	171
15°	1770	1720	1769	1915	1770	501
25°	1710	1609	1709	1554	1710	790
35°	1617	1095	1622	927	1617	1012
45°	1428	702	1435	684	1428	1093
55°	996	526	1021	479	996	883
65°	452	267	487	253	452	456
75°	129	169	150	160	129	147
85°	18	117	23	107	18	23
90°	0	98	2	90	0	1
95°	1	80	0	76	1	1
105°	1	60	1	57	1	1
115°	1	49	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	



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1794.7	1790.1	1788.3	1784.6	1787.4	1798.4	1791.0	1779.1	1780.0	1758.8	1769.9
5°	1792.9	1787.4	1784.6	1780.9	1782.8	1792.9	1785.5	1773.6	1772.6	1751.5	1761.6
7.5°	1790.1	1784.6	1780.0	1777.2	1778.2	1786.4	1777.2	1763.4	1760.7	1737.7	1746.9
10°	1785.5	1781.8	1775.4	1770.8	1769.9	1779.1	1764.4	1750.5	1744.1	1720.2	1729.4
12.5°	1779.1	1773.6	1767.1	1758.8	1757.9	1763.4	1751.5	1732.1	1725.7	1706.4	1716.5
15°	1769.9	1763.4	1756.1	1746.9	1742.3	1745.9	1731.2	1713.7	1712.8	1696.2	1710.1
17.5°	1759.8	1750.5	1742.3	1729.4	1722.9	1725.7	1713.7	1698.1	1699.9	1689.8	1705.5
20°	1745.9	1735.8	1722.9	1710.1	1700.8	1705.5	1697.2	1685.2	1688.0	1680.6	1694.4
22.5°	1730.3	1716.5	1700.8	1686.1	1678.8	1685.2	1678.8	1668.6	1669.6	1665.0	1673.2
25°	1710.1	1694.4	1676.0	1657.6	1653.9	1658.5	1654.8	1646.5	1642.9	1635.5	1639.2
27.5°	1691.6	1674.2	1651.1	1631.8	1625.4	1634.6	1626.3	1612.5	1602.4	1592.2	1584.9
30°	1670.5	1649.3	1623.5	1601.4	1595.9	1599.6	1587.6	1566.5	1539.8	1526.9	1506.7
32.5°	1647.5	1619.9	1587.6	1562.8	1559.1	1556.4	1534.3	1503.9	1462.5	1436.7	1405.4
35°	1617.1	1586.7	1548.1	1517.7	1512.2	1496.5	1460.6	1420.1	1366.8	1322.6	1269.2
37.5°	1583.0	1547.1	1506.7	1466.2	1450.5	1419.2	1368.6	1326.3	1245.3	1191.9	1127.5
40°	1544.4	1501.1	1451.4	1402.6	1376.9	1326.3	1268.3	1205.7	1127.5	1055.7	1001.4
42.5°	1491.0	1445.0	1386.1	1331.8	1287.6	1220.4	1152.3	1064.0	992.2	931.4	876.2
45°	1427.5	1372.3	1304.2	1238.8	1182.7	1102.6	1022.5	934.2	874.4	803.5	765.8
47.5°	1345.6	1285.8	1213.1	1140.3	1066.7	978.4	894.6	809.9	750.1	699.5	671.9
50°	1248.9	1193.7	1113.7	1027.1	946.1	854.1	770.4	706.8	648.9	617.6	596.4
52.5°	1129.3	1077.8	995.8	902.0	823.7	733.5	657.1	605.6	564.2	541.2	533.8
55°	995.8	950.7	869.8	782.3	702.2	619.4	561.4	516.3	489.6	475.8	476.8
57.5°	853.2	818.2	741.8	663.6	588.1	525.5	473.1	437.2	416.9	416.0	418.8
60°	710.5	684.8	618.5	551.3	485.0	434.4	395.8	370.9	358.0	358.9	358.0
62.5°	574.3	550.4	502.5	447.3	394.8	360.8	325.8	315.7	304.6	303.7	303.7
65°	451.9	433.5	394.8	355.3	315.7	293.6	276.1	264.1	255.9	254.0	254.9
67.5°	339.6	332.3	305.6	278.9	254.0	240.2	225.5	222.7	216.3	216.3	218.1
70°	253.1	247.6	232.9	217.2	207.1	197.9	190.5	190.5	189.6	188.7	193.3
72.5°	183.2	184.1	179.5	167.5	166.6	164.7	162.9	165.7	166.6	169.3	174.9
75°	128.9	131.6	131.6	129.8	133.5	138.1	140.8	145.4	150.9	154.6	161.1
77.5°	91.1	91.1	95.7	101.2	108.6	116.9	124.3	130.7	138.1	142.7	148.2
80°	58.9	61.7	69.0	79.2	89.3	100.3	110.4	118.7	126.1	133.5	137.1
82.5°	35.0	39.6	48.8	61.7	74.6	88.4	98.5	108.6	116.9	124.3	127.0
85°	17.5	23.9	35.0	48.8	62.6	77.3	90.2	99.4	108.6	115.0	118.7
87.5°	5.5	12.9	24.9	37.7	52.5	67.2	81.0	91.1	99.4	104.9	108.6
90°	0.0	6.4	17.5	31.3	45.1	59.8	72.7	83.8	92.0	96.6	99.4
92.5°	0.0	3.7	13.8	25.8	38.7	53.4	66.3	76.4	83.8	88.4	90.2
95°	0.9	2.8	10.1	21.2	34.1	47.9	59.8	69.0	76.4	81.0	81.9
97.5°	0.9	1.8	8.3	17.5	29.5	42.3	54.3	63.5	69.0	73.6	74.6
100°	0.9	1.8	6.4	15.6	25.8	37.7	48.8	57.1	63.5	67.2	68.1
102.5°	0.9	0.9	5.5	12.9	23.0	33.1	43.3	51.5	57.1	60.7	62.6
105°	0.9	0.9	4.6	11.0	20.2	29.5	38.7	46.9	51.5	55.2	57.1
107.5°	0.9	0.9	3.7	9.2	17.5	25.8	35.0	41.4	46.9	50.6	52.5
110°	0.9	0.9	2.8	8.3	14.7	23.0	30.4	36.8	42.3	46.0	47.9



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-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	2.8	7.4	12.9	20.2	26.7	33.1	37.7	41.4	44.2
115°	0.9	0.9	2.8	6.4	12.0	17.5	23.9	29.5	34.1	37.7	40.5
117.5°	0.9	0.9	2.8	5.5	10.1	15.6	21.2	26.7	30.4	34.1	36.8
120°	0.9	0.9	1.8	4.6	9.2	13.8	18.4	23.0	27.6	31.3	34.1
122.5°	0.9	0.9	1.8	4.6	7.4	12.0	16.6	20.2	24.9	27.6	30.4
125°	0.9	0.9	1.8	3.7	6.4	11.0	14.7	18.4	21.2	24.9	27.6
127.5°	0.9	0.9	1.8	3.7	5.5	9.2	12.9	16.6	19.3	22.1	23.9
130°	0.9	0.9	1.8	2.8	4.6	7.4	11.0	13.8	17.5	19.3	21.2
132.5°	0.9	0.9	0.9	2.8	3.7	5.5	8.3	12.0	14.7	17.5	18.4
135°	0.9	0.9	0.9	1.8	3.7	4.6	6.4	9.2	12.0	14.7	16.6
137.5°	0.9	0.9	0.9	1.8	2.8	4.6	5.5	7.4	10.1	12.0	14.7
140°	0.9	0.9	0.9	1.8	2.8	3.7	4.6	6.4	8.3	10.1	12.0
142.5°	0.9	0.9	0.9	1.8	1.8	2.8	3.7	5.5	6.4	8.3	10.1
145°	0.9	0.9	0.9	1.8	1.8	2.8	3.7	4.6	5.5	6.4	8.3
147.5°	0.9	0.9	0.9	1.8	1.8	1.8	2.8	3.7	4.6	5.5	6.4
150°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	3.7	4.6	5.5
152.5°	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	3.7	4.6
155°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8	2.8	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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1766.2	1768.0	1779.1	1778.2	1776.3	1774.5	1774.5	1772.6	1774.5	1779.1	1777.2
5°	1757.0	1759.8	1768.0	1767.1	1765.3	1764.4	1763.4	1760.7	1762.5	1769.0	1767.1
7.5°	1740.4	1743.2	1750.5	1746.9	1744.1	1745.9	1741.3	1738.6	1742.3	1748.7	1747.8
10°	1722.9	1724.8	1734.0	1732.1	1727.5	1728.5	1723.9	1722.0	1726.6	1730.3	1731.2
12.5°	1711.0	1717.4	1725.7	1724.8	1723.9	1724.8	1720.2	1718.3	1721.1	1724.8	1723.9
15°	1708.2	1716.5	1725.7	1725.7	1726.6	1727.5	1722.9	1720.2	1722.9	1725.7	1724.8
17.5°	1705.5	1715.6	1723.9	1722.9	1723.9	1725.7	1718.3	1716.5	1720.2	1723.9	1722.0
20°	1696.2	1705.5	1711.0	1709.1	1709.1	1710.1	1700.8	1700.8	1706.4	1709.1	1710.1
22.5°	1670.5	1681.5	1681.5	1676.9	1676.9	1673.2	1670.5	1665.0	1671.4	1676.0	1679.7
25°	1631.8	1636.4	1630.9	1620.8	1615.3	1610.7	1597.8	1608.8	1608.8	1622.6	1627.2
27.5°	1577.5	1567.4	1551.7	1530.6	1526.0	1511.3	1503.0	1505.7	1510.3	1529.7	1544.4
30°	1488.2	1457.9	1431.2	1422.0	1401.7	1387.0	1372.3	1379.6	1387.9	1399.0	1429.3
32.5°	1370.4	1341.0	1297.7	1282.1	1260.9	1242.5	1225.0	1236.1	1250.8	1258.1	1291.3
35°	1235.1	1200.2	1160.6	1133.9	1111.8	1101.7	1079.6	1095.2	1110.9	1116.4	1144.9
37.5°	1091.6	1055.7	1020.7	997.7	976.5	970.1	955.3	966.4	978.4	986.6	1010.6
40°	955.3	922.2	895.5	879.9	865.2	859.6	854.1	858.7	867.9	874.4	892.8
42.5°	838.5	811.8	793.4	784.2	774.0	766.7	767.6	769.4	774.0	787.8	796.1
45°	736.3	720.7	708.7	706.8	700.4	699.5	698.6	702.2	705.0	713.3	719.7
47.5°	654.4	647.9	645.2	648.9	651.6	647.9	649.8	654.4	659.9	659.9	659.0
50°	590.0	591.8	595.5	603.8	609.3	611.1	613.0	618.5	619.4	621.3	618.5
52.5°	537.5	539.3	549.5	562.3	568.8	571.6	575.2	580.8	580.8	582.6	578.9
55°	484.1	486.9	497.0	509.9	515.4	519.1	522.8	526.5	529.2	532.9	530.1
57.5°	425.2	433.5	439.9	443.6	447.3	450.1	452.8	453.7	459.3	460.2	464.8
60°	362.6	364.5	370.9	370.0	367.2	374.6	370.9	377.4	383.8	392.1	393.0
62.5°	302.8	303.7	308.3	306.5	310.2	309.2	312.0	312.0	316.6	320.3	324.9
65°	255.9	256.8	260.5	260.5	259.5	262.3	265.1	266.9	266.9	269.7	273.4
67.5°	220.9	223.7	227.3	229.2	231.0	231.0	233.8	234.7	236.5	237.5	239.3
70°	197.0	200.6	204.3	206.2	207.1	208.9	209.8	209.8	211.7	212.6	214.4
72.5°	179.5	183.2	185.9	185.9	187.8	188.7	188.7	189.6	190.5	192.4	194.2
75°	164.7	167.5	169.3	168.4	168.4	168.4	169.3	169.3	171.2	173.0	174.9
77.5°	150.9	153.7	153.7	151.9	151.9	151.9	151.9	152.8	153.7	155.5	157.4
80°	140.8	140.8	139.9	139.9	138.1	137.1	137.1	138.1	138.1	139.9	142.7
82.5°	129.8	129.8	128.9	127.9	127.0	126.1	126.1	127.0	127.9	128.9	130.7
85°	119.6	119.6	117.8	117.8	116.9	116.9	116.9	116.9	117.8	118.7	120.6
87.5°	109.5	108.6	107.7	106.8	106.8	106.8	106.8	106.8	107.7	109.5	110.4
90°	99.4	98.5	97.6	97.6	96.6	96.6	97.6	97.6	98.5	99.4	100.3
92.5°	90.2	89.3	88.4	88.4	87.4	87.4	88.4	87.4	89.3	89.3	90.2
95°	81.9	81.0	80.1	80.1	80.1	80.1	80.1	80.1	81.0	81.0	81.9
97.5°	74.6	73.6	72.7	72.7	73.6	72.7	73.6	73.6	73.6	74.6	75.5
100°	68.1	67.2	67.2	68.1	67.2	67.2	68.1	68.1	68.1	68.1	69.0
102.5°	62.6	62.6	62.6	62.6	62.6	62.6	63.5	63.5	63.5	63.5	64.4
105°	57.1	58.0	58.0	58.0	58.9	58.9	58.9	59.8	59.8	59.8	59.8
107.5°	53.4	54.3	54.3	55.2	55.2	56.1	56.1	56.1	56.1	57.1	57.1
110°	49.7	50.6	51.5	52.5	52.5	53.4	53.4	53.4	53.4	53.4	53.4



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	46.0	46.9	47.9	49.7	50.6	50.6	50.6	50.6	51.5	51.5	50.6
115°	42.3	44.2	45.1	46.9	47.9	47.9	48.8	48.8	48.8	48.8	47.9
117.5°	38.7	41.4	42.3	44.2	45.1	45.1	46.0	46.0	46.0	46.0	45.1
120°	35.9	37.7	39.6	40.5	41.4	42.3	42.3	43.3	43.3	43.3	42.3
122.5°	33.1	35.0	36.8	37.7	38.7	39.6	39.6	39.6	39.6	39.6	39.6
125°	29.5	31.3	33.1	34.1	35.0	35.9	35.9	36.8	36.8	36.8	35.9
127.5°	26.7	28.5	29.5	31.3	32.2	32.2	33.1	33.1	33.1	33.1	32.2
130°	23.0	24.9	26.7	27.6	28.5	28.5	29.5	29.5	29.5	29.5	29.5
132.5°	20.2	22.1	23.0	24.9	24.9	25.8	25.8	26.7	26.7	26.7	25.8
135°	18.4	19.3	20.2	22.1	22.1	23.0	23.0	23.0	23.0	23.0	23.0
137.5°	16.6	17.5	18.4	19.3	19.3	20.2	20.2	20.2	20.2	21.2	20.2
140°	13.8	15.6	16.6	16.6	17.5	17.5	17.5	18.4	18.4	18.4	17.5
142.5°	12.0	12.9	13.8	14.7	15.6	15.6	15.6	15.6	16.6	15.6	15.6
145°	9.2	11.0	12.0	12.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8
147.5°	7.4	8.3	10.1	11.0	11.0	12.0	12.0	12.0	12.0	12.0	12.0
150°	6.4	6.4	8.3	9.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1
152.5°	4.6	5.5	6.4	7.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3
155°	4.6	4.6	5.5	5.5	6.4	6.4	6.4	6.4	7.4	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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1774.5	1773.6	1777.2	1773.6	1755.2	1762.5	1759.8	1769.9	1770.8	1773.6	1782.8
5°	1765.3	1765.3	1769.9	1766.2	1748.7	1756.1	1755.2	1765.3	1767.1	1769.0	1779.1
7.5°	1746.9	1747.8	1754.2	1751.5	1733.1	1744.1	1743.2	1755.2	1758.8	1762.5	1771.7
10°	1729.4	1728.5	1735.8	1733.1	1715.6	1728.5	1727.5	1739.5	1745.0	1751.5	1762.5
12.5°	1720.2	1717.4	1720.2	1717.4	1698.1	1708.2	1709.1	1722.9	1729.4	1737.7	1750.5
15°	1720.2	1715.6	1715.6	1710.1	1688.0	1694.4	1695.3	1704.5	1712.8	1721.1	1736.7
17.5°	1718.3	1713.7	1712.8	1708.2	1684.3	1684.3	1683.4	1689.8	1694.4	1702.7	1719.3
20°	1708.2	1706.4	1705.5	1702.7	1680.6	1676.9	1675.1	1675.1	1677.8	1680.6	1697.2
22.5°	1681.5	1683.4	1685.2	1687.0	1669.6	1663.1	1664.0	1662.2	1659.4	1659.4	1673.2
25°	1631.8	1641.0	1648.4	1656.7	1646.5	1641.9	1647.5	1644.7	1640.1	1636.4	1648.4
27.5°	1552.7	1572.0	1587.6	1607.9	1608.8	1605.1	1619.9	1618.0	1617.1	1611.6	1620.8
30°	1443.1	1473.5	1494.7	1524.1	1549.0	1552.7	1577.5	1581.2	1584.9	1582.1	1591.3
32.5°	1310.6	1352.0	1387.9	1433.9	1457.9	1479.0	1514.0	1528.7	1543.5	1548.1	1558.2
35°	1166.1	1213.1	1255.4	1306.0	1343.7	1389.8	1432.1	1454.2	1487.3	1500.2	1514.9
37.5°	1029.0	1073.2	1114.6	1165.2	1225.9	1273.8	1326.3	1376.0	1421.1	1439.5	1461.6
40°	907.5	943.4	983.0	1027.1	1082.4	1144.9	1202.0	1271.0	1324.4	1361.2	1393.4
42.5°	815.5	832.9	867.0	906.6	950.7	1014.3	1072.2	1149.5	1214.0	1266.4	1319.8
45°	733.5	741.8	766.7	787.8	832.9	889.1	950.7	1026.2	1093.4	1160.6	1225.0
47.5°	663.6	673.7	685.7	698.6	730.8	777.7	831.1	899.2	966.4	1044.6	1118.3
50°	616.6	619.4	621.3	626.8	646.1	678.3	721.6	779.6	844.0	927.7	1006.0
52.5°	575.2	575.2	569.7	566.9	574.3	594.6	619.4	660.8	727.1	804.4	887.2
55°	531.1	522.8	520.9	511.7	513.6	522.8	534.7	566.9	621.3	687.5	767.6
57.5°	469.4	465.7	465.7	462.0	454.7	459.3	462.0	485.0	523.7	580.8	650.7
60°	398.5	396.7	401.3	402.2	395.8	398.5	397.6	411.4	439.0	485.0	543.0
62.5°	327.7	335.9	336.9	340.5	336.9	335.9	340.5	352.5	366.3	401.3	446.4
65°	275.2	279.8	280.7	285.3	283.5	283.5	287.2	296.4	304.6	328.6	363.5
67.5°	241.1	239.3	240.2	243.0	240.2	239.3	242.1	247.6	254.0	268.7	293.6
70°	214.4	212.6	212.6	212.6	208.9	206.2	207.1	208.9	211.7	220.0	235.6
72.5°	194.2	194.2	191.4	188.7	185.9	184.1	182.2	180.4	179.5	182.2	190.5
75°	175.8	176.7	175.8	173.0	169.3	165.7	162.0	158.3	153.7	151.9	152.8
77.5°	159.2	160.1	161.1	160.1	156.5	151.9	146.3	140.8	134.4	127.9	124.3
80°	144.5	146.3	147.3	146.3	143.6	139.9	133.5	127.0	117.8	109.5	100.3
82.5°	131.6	134.4	135.3	135.3	133.5	129.8	122.4	115.0	104.9	93.9	81.9
85°	121.5	123.3	125.2	125.2	124.3	120.6	113.2	104.9	94.8	81.9	69.0
87.5°	111.4	112.3	114.1	116.0	114.1	110.4	104.0	94.8	84.7	71.8	57.1
90°	101.2	102.2	104.0	105.8	104.9	101.2	95.7	87.4	76.4	62.6	47.9
92.5°	91.1	93.0	93.9	94.8	95.7	93.0	88.4	80.1	69.0	55.2	41.4
95°	83.8	83.8	85.6	86.5	87.4	84.7	81.0	72.7	62.6	49.7	35.9
97.5°	76.4	76.4	78.2	78.2	79.2	77.3	73.6	66.3	56.1	44.2	30.4
100°	69.0	69.9	70.9	71.8	71.8	70.9	67.2	59.8	50.6	39.6	26.7
102.5°	64.4	64.4	65.3	65.3	66.3	64.4	60.7	54.3	45.1	35.0	23.0
105°	59.8	59.8	60.7	60.7	59.8	58.0	54.3	48.8	40.5	30.4	20.2
107.5°	56.1	56.1	56.1	56.1	55.2	53.4	49.7	43.3	35.9	27.6	18.4
110°	53.4	52.5	52.5	51.5	50.6	47.9	44.2	38.7	32.2	23.9	15.6



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	50.6	49.7	48.8	47.9	46.0	43.3	39.6	35.0	28.5	21.2	13.8
115°	47.9	46.9	46.0	44.2	42.3	39.6	35.9	31.3	24.9	18.4	12.0
117.5°	45.1	44.2	42.3	40.5	38.7	35.9	32.2	27.6	22.1	16.6	11.0
120°	41.4	40.5	39.6	37.7	35.9	32.2	28.5	24.9	19.3	14.7	9.2
122.5°	38.7	37.7	35.9	35.0	32.2	29.5	25.8	22.1	17.5	12.9	8.3
125°	35.0	34.1	33.1	31.3	29.5	25.8	23.0	19.3	15.6	11.0	6.4
127.5°	32.2	31.3	29.5	27.6	25.8	23.0	20.2	17.5	13.8	9.2	6.4
130°	28.5	27.6	26.7	24.9	23.0	20.2	18.4	14.7	12.0	8.3	5.5
132.5°	24.9	24.9	23.9	22.1	20.2	18.4	15.6	12.9	10.1	7.4	4.6
135°	23.0	22.1	21.2	19.3	18.4	15.6	13.8	11.0	8.3	6.4	3.7
137.5°	20.2	19.3	18.4	17.5	15.6	13.8	12.0	9.2	7.4	5.5	3.7
140°	17.5	16.6	16.6	14.7	13.8	12.0	10.1	8.3	6.4	4.6	2.8
142.5°	15.6	14.7	13.8	12.9	12.0	10.1	8.3	6.4	5.5	3.7	2.8
145°	13.8	12.9	12.0	11.0	10.1	8.3	7.4	5.5	4.6	3.7	2.8
147.5°	11.0	11.0	10.1	9.2	8.3	7.4	6.4	5.5	3.7	2.8	1.8
150°	9.2	9.2	8.3	7.4	7.4	6.4	5.5	4.6	3.7	2.8	1.8
152.5°	8.3	7.4	7.4	6.4	6.4	5.5	4.6	3.7	2.8	2.8	1.8
155°	6.4	6.4	6.4	5.5	5.5	4.6	3.7	3.7	2.8	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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1784.6	1773.6	1782.8	1799.3	1797.5	1795.6	1793.8	1797.5	1809.5	1803.0	1792.9
5°	1781.8	1770.8	1780.9	1796.6	1795.6	1792.9	1791.0	1794.7	1806.7	1800.2	1789.2
7.5°	1776.3	1766.2	1773.6	1789.2	1789.2	1787.4	1785.5	1789.2	1800.2	1794.7	1783.7
10°	1767.1	1759.8	1767.1	1781.8	1782.8	1779.1	1777.2	1781.8	1792.9	1790.1	1780.9
12.5°	1759.8	1752.4	1760.7	1775.4	1776.3	1772.6	1769.9	1775.4	1790.1	1792.0	1789.2
15°	1749.6	1743.2	1753.3	1769.0	1769.0	1766.2	1766.2	1773.6	1793.8	1802.1	1806.7
17.5°	1734.9	1730.3	1742.3	1757.9	1758.8	1757.0	1757.9	1772.6	1799.3	1819.6	1832.5
20°	1716.5	1714.7	1727.5	1744.1	1746.9	1747.8	1752.4	1774.5	1811.3	1838.9	1851.8
22.5°	1694.4	1695.3	1710.1	1727.5	1731.2	1734.0	1743.2	1774.5	1820.5	1849.9	1855.5
25°	1669.6	1672.3	1688.0	1709.1	1713.7	1719.3	1734.9	1775.4	1823.3	1842.6	1833.4
27.5°	1642.9	1648.4	1668.6	1690.7	1696.2	1705.5	1725.7	1769.9	1810.4	1811.3	1777.2
30°	1615.3	1621.7	1645.6	1671.4	1680.6	1689.8	1714.7	1757.0	1779.1	1749.6	1689.8
32.5°	1584.0	1593.2	1617.1	1648.4	1659.4	1671.4	1696.2	1732.1	1723.9	1660.4	1574.8
35°	1544.4	1557.3	1584.9	1621.7	1631.8	1647.5	1665.0	1673.2	1636.4	1546.2	1449.6
37.5°	1495.6	1514.9	1547.1	1589.5	1600.5	1610.7	1615.3	1592.2	1518.6	1421.1	1320.7
40°	1439.5	1468.9	1503.9	1550.8	1561.9	1561.9	1545.3	1496.5	1403.6	1275.6	1164.3
42.5°	1371.4	1407.3	1451.4	1498.4	1509.4	1496.5	1457.0	1371.4	1265.5	1122.9	1005.0
45°	1288.5	1336.4	1386.1	1434.9	1440.4	1411.9	1341.0	1232.4	1101.7	969.2	856.9
47.5°	1190.0	1252.6	1306.9	1362.2	1354.8	1306.9	1212.1	1088.8	950.7	825.6	735.4
50°	1079.6	1153.2	1214.0	1266.4	1250.8	1184.5	1073.2	944.3	807.2	700.4	625.9
52.5°	961.8	1046.5	1107.2	1149.5	1128.4	1049.2	926.8	803.5	691.2	593.6	543.9
55°	839.4	925.0	987.6	1020.7	993.1	907.5	786.9	674.6	568.8	505.3	475.8
57.5°	720.7	800.7	859.6	886.3	851.3	765.8	654.4	559.6	483.2	429.8	415.1
60°	606.5	671.9	728.0	748.3	710.5	631.4	535.7	460.2	404.0	367.2	359.9
62.5°	500.7	554.1	598.2	613.9	577.1	515.4	432.6	376.4	336.9	318.4	309.2
65°	413.2	444.5	489.6	486.9	464.8	407.7	347.0	307.4	281.6	269.7	264.1
67.5°	324.9	353.4	382.0	385.6	358.0	318.4	278.9	250.3	236.5	230.1	227.3
70°	251.3	272.4	289.9	285.3	270.6	245.7	220.9	205.2	199.7	197.0	197.0
72.5°	195.1	206.2	214.4	208.9	199.7	186.8	174.9	168.4	169.3	171.2	173.0
75°	150.9	153.7	155.5	150.0	148.2	139.9	139.0	139.9	145.4	150.9	153.7
77.5°	116.0	112.3	109.5	104.0	104.9	104.0	108.6	116.0	124.3	132.5	139.9
80°	89.3	81.0	74.6	69.0	71.8	76.4	85.6	96.6	107.7	116.9	126.1
82.5°	69.0	57.1	47.9	42.3	47.9	55.2	67.2	81.0	93.9	104.0	114.1
85°	53.4	39.6	28.5	23.0	28.5	39.6	52.5	68.1	81.9	93.0	103.1
87.5°	41.4	28.5	15.6	9.2	15.6	27.6	42.3	57.1	70.9	83.8	93.9
90°	33.1	19.3	7.4	1.8	8.3	19.3	33.1	47.9	61.7	75.5	85.6
92.5°	26.7	13.8	3.7	0.0	4.6	14.7	27.6	41.4	55.2	68.1	78.2
95°	22.1	11.0	2.8	0.0	3.7	11.0	22.1	35.9	48.8	61.7	69.9
97.5°	18.4	8.3	1.8	0.0	1.8	9.2	18.4	30.4	43.3	55.2	63.5
100°	15.6	7.4	1.8	0.0	1.8	7.4	15.6	26.7	37.7	48.8	57.1
102.5°	12.9	5.5	0.9	0.9	0.9	5.5	13.8	23.0	33.1	43.3	51.5
105°	12.0	4.6	0.9	0.9	0.9	4.6	12.0	20.2	29.5	38.7	46.0
107.5°	10.1	3.7	0.9	0.9	0.9	3.7	10.1	17.5	26.7	35.0	41.4
110°	8.3	3.7	0.9	0.9	0.9	3.7	8.3	15.6	23.0	30.4	36.8



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.4	2.8	0.9	0.9	0.9	2.8	7.4	13.8	20.2	27.6	33.1
115°	6.4	2.8	0.9	0.9	0.9	2.8	6.4	12.0	17.5	23.9	29.5
117.5°	5.5	2.8	0.9	0.9	0.9	1.8	5.5	10.1	15.6	21.2	26.7
120°	4.6	1.8	0.9	0.9	0.9	1.8	4.6	9.2	13.8	18.4	23.0
122.5°	4.6	1.8	0.9	0.9	0.9	1.8	3.7	7.4	12.0	15.6	20.2
125°	3.7	1.8	0.9	0.9	0.9	0.9	3.7	6.4	10.1	13.8	17.5
127.5°	3.7	1.8	0.9	0.9	0.9	0.9	2.8	5.5	8.3	12.0	15.6
130°	2.8	1.8	0.9	0.9	0.9	0.9	1.8	4.6	7.4	10.1	12.9
132.5°	2.8	1.8	0.9	0.9	0.9	0.9	1.8	3.7	5.5	8.3	11.0
135°	2.8	0.9	0.9	0.9	0.9	0.9	0.9	2.8	4.6	6.4	8.3
137.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	3.7	4.6	7.4
140°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.8	3.7	5.5
142.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.8	4.6
145°	1.8	0.9	0.9	1.8	1.8	0.9	0.9	1.8	1.8	2.8	3.7
147.5°	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	1.8	2.8
150°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.8
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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1791.0	1769.9	1780.9	1777.2	1780.9	1790.1	1789.2	1786.4	1788.3	1783.7	1779.1
5°	1787.4	1766.2	1777.2	1772.6	1777.2	1786.4	1784.6	1781.8	1784.6	1779.1	1774.5
7.5°	1782.8	1763.4	1776.3	1775.4	1783.7	1795.6	1796.6	1796.6	1803.0	1794.7	1791.0
10°	1782.8	1772.6	1790.1	1796.6	1817.7	1833.4	1835.2	1838.9	1849.9	1848.1	1838.9
12.5°	1802.1	1800.2	1826.0	1841.7	1861.0	1883.1	1895.0	1898.7	1906.1	1900.6	1896.9
15°	1826.9	1836.1	1864.7	1882.2	1903.3	1919.9	1922.7	1924.5	1930.0	1921.7	1915.3
17.5°	1860.1	1865.6	1888.6	1896.0	1909.8	1912.5	1908.9	1899.6	1899.6	1881.2	1875.7
20°	1875.7	1873.0	1882.2	1870.2	1864.7	1848.1	1832.5	1815.0	1814.1	1794.7	1792.9
22.5°	1861.9	1843.5	1824.2	1794.7	1781.8	1757.9	1736.7	1726.6	1720.2	1695.3	1688.9
25°	1813.1	1768.0	1739.5	1704.5	1673.2	1645.6	1625.4	1604.2	1584.0	1563.7	1554.5
27.5°	1728.5	1686.1	1640.1	1591.3	1548.1	1505.7	1471.7	1450.5	1431.2	1404.5	1390.7
30°	1624.5	1565.6	1514.9	1468.0	1397.1	1345.6	1317.1	1274.7	1260.0	1248.0	1222.3
32.5°	1502.0	1431.2	1362.2	1298.6	1225.9	1178.1	1140.3	1109.0	1099.8	1068.6	1061.2
35°	1366.8	1273.8	1195.6	1133.0	1080.5	1022.5	991.2	970.1	951.7	930.5	926.8
37.5°	1207.5	1123.8	1035.4	980.2	938.8	889.1	865.2	850.4	842.1	826.5	823.7
40°	1047.4	963.6	902.9	847.7	821.9	795.2	777.7	771.3	767.6	762.1	756.5
42.5°	902.0	828.3	785.1	748.3	737.2	724.3	719.7	723.4	719.7	717.9	717.0
45°	778.6	722.5	692.1	681.1	678.3	674.6	678.3	684.8	685.7	683.8	683.8
47.5°	666.3	639.7	626.8	628.6	633.2	636.0	642.4	650.7	652.5	647.9	649.8
50°	592.7	577.1	574.3	581.7	591.8	595.5	602.8	609.3	608.4	606.5	604.7
52.5°	523.7	519.1	526.5	533.8	544.9	546.7	549.5	552.2	551.3	547.6	545.8
55°	465.7	469.4	475.8	478.6	486.9	486.0	486.9	486.9	483.2	481.4	478.6
57.5°	413.2	414.2	417.8	418.8	423.4	421.5	420.6	418.8	413.2	412.3	409.6
60°	359.9	358.0	366.3	359.9	363.5	359.9	358.9	354.3	348.8	347.9	346.1
62.5°	309.2	305.6	311.1	308.3	310.2	306.5	304.6	299.1	294.5	293.6	292.7
65°	264.1	262.3	267.8	266.9	268.7	264.1	262.3	258.6	254.9	254.0	253.1
67.5°	226.4	231.0	233.8	233.8	235.6	234.7	230.1	229.2	228.3	224.6	224.6
70°	198.8	201.6	207.1	208.0	207.1	208.9	205.2	204.3	203.4	201.6	200.6
72.5°	176.7	180.4	185.9	186.8	185.9	185.9	184.1	183.2	183.2	180.4	180.4
75°	159.2	163.8	168.4	168.4	168.4	166.6	164.7	164.7	162.9	162.0	160.1
77.5°	144.5	150.0	153.7	152.8	151.9	150.0	150.0	147.3	144.5	144.5	142.7
80°	133.5	137.1	139.9	139.0	138.1	135.3	134.4	131.6	129.8	127.0	127.0
82.5°	121.5	126.1	127.9	127.0	125.2	122.4	121.5	119.6	117.8	116.9	115.0
85°	111.4	116.0	116.9	115.0	113.2	111.4	110.4	109.5	108.6	106.8	106.8
87.5°	101.2	105.8	105.8	104.9	103.1	102.2	101.2	100.3	99.4	98.5	97.6
90°	93.0	96.6	96.6	95.7	94.8	93.9	93.0	92.0	91.1	90.2	90.2
92.5°	84.7	88.4	88.4	87.4	86.5	85.6	85.6	84.7	83.8	82.8	81.9
95°	77.3	81.0	81.0	81.0	80.1	79.2	79.2	78.2	77.3	77.3	76.4
97.5°	69.9	73.6	73.6	73.6	72.7	71.8	71.8	70.9	70.9	70.9	69.9
100°	63.5	66.3	67.2	67.2	66.3	66.3	66.3	65.3	65.3	65.3	64.4
102.5°	57.1	59.8	61.7	61.7	61.7	60.7	60.7	60.7	60.7	60.7	59.8
105°	51.5	54.3	56.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
107.5°	46.9	49.7	51.5	52.5	53.4	53.4	54.3	54.3	54.3	54.3	54.3
110°	42.3	45.1	47.9	48.8	49.7	50.6	50.6	51.5	50.6	50.6	50.6



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	37.7	41.4	43.3	45.1	46.0	46.9	47.9	47.9	47.9	47.9	47.9
115°	34.1	37.7	39.6	41.4	43.3	44.2	44.2	45.1	45.1	45.1	44.2
117.5°	30.4	34.1	35.9	37.7	38.7	40.5	41.4	41.4	41.4	41.4	40.5
120°	27.6	30.4	32.2	34.1	35.9	36.8	37.7	37.7	37.7	37.7	37.7
122.5°	23.9	26.7	29.5	31.3	32.2	33.1	34.1	34.1	34.1	34.1	34.1
125°	21.2	23.9	25.8	27.6	28.5	30.4	30.4	30.4	30.4	30.4	30.4
127.5°	18.4	21.2	23.0	24.9	25.8	26.7	27.6	27.6	27.6	27.6	27.6
130°	15.6	18.4	20.2	22.1	23.0	23.9	23.9	24.9	24.9	24.9	24.9
132.5°	13.8	15.6	17.5	19.3	20.2	21.2	21.2	22.1	22.1	22.1	22.1
135°	11.0	13.8	14.7	16.6	17.5	18.4	18.4	19.3	19.3	19.3	19.3
137.5°	9.2	11.0	12.9	14.7	15.6	15.6	16.6	16.6	17.5	17.5	17.5
140°	7.4	8.3	11.0	12.0	12.9	13.8	14.7	14.7	14.7	14.7	14.7
142.5°	5.5	7.4	8.3	10.1	11.0	12.0	12.9	12.9	12.9	12.9	12.9
145°	4.6	5.5	6.4	8.3	9.2	10.1	11.0	11.0	11.0	11.0	11.0
147.5°	3.7	4.6	5.5	6.4	7.4	8.3	9.2	9.2	9.2	9.2	9.2
150°	2.8	3.7	4.6	4.6	5.5	6.4	7.4	8.3	8.3	8.3	8.3
152.5°	2.8	2.8	3.7	3.7	4.6	5.5	6.4	6.4	6.4	6.4	6.4
155°	1.8	2.8	2.8	2.8	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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1781.8	1785.5	1783.7	1780.9	1780.0	1784.6	1780.0	1758.8	1767.1	1768.0	1774.5
5°	1779.1	1781.8	1780.0	1778.2	1775.4	1780.9	1775.4	1753.3	1761.6	1762.5	1769.0
7.5°	1797.5	1798.4	1798.4	1793.8	1786.4	1789.2	1781.8	1757.0	1761.6	1761.6	1766.2
10°	1843.5	1845.3	1848.1	1836.1	1826.9	1819.6	1809.5	1779.1	1778.2	1770.8	1770.8
12.5°	1903.3	1898.7	1894.1	1888.6	1881.2	1872.0	1857.3	1821.4	1809.5	1797.5	1785.5
15°	1920.8	1919.0	1918.1	1915.3	1910.7	1907.9	1896.9	1861.0	1843.5	1828.8	1807.6
17.5°	1874.8	1878.5	1890.4	1891.4	1896.9	1907.9	1906.1	1881.2	1865.6	1859.2	1833.4
20°	1792.0	1792.9	1807.6	1814.1	1838.0	1856.4	1870.2	1867.4	1863.8	1871.1	1851.8
22.5°	1692.6	1699.0	1714.7	1724.8	1747.8	1769.0	1791.0	1803.0	1822.3	1852.7	1849.0
25°	1557.3	1565.6	1587.6	1604.2	1636.4	1668.6	1698.1	1719.3	1742.3	1800.2	1819.6
27.5°	1395.3	1408.2	1436.7	1453.3	1498.4	1531.5	1573.8	1615.3	1647.5	1713.7	1753.3
30°	1225.0	1236.1	1266.4	1289.4	1328.1	1373.2	1426.6	1485.5	1538.9	1606.1	1655.8
32.5°	1065.8	1077.8	1102.6	1122.9	1166.1	1203.8	1262.8	1335.5	1385.2	1478.1	1544.4
35°	926.8	937.9	955.3	972.8	1008.7	1047.4	1098.0	1168.9	1232.4	1329.0	1412.8
37.5°	829.3	831.1	841.2	851.3	878.0	907.5	947.1	1009.6	1068.6	1172.6	1264.6
40°	759.3	759.3	764.8	767.6	779.6	797.0	821.9	870.7	919.5	998.6	1110.9
42.5°	716.1	714.2	714.2	715.1	714.2	722.5	737.2	760.2	803.5	868.8	956.3
45°	683.8	680.2	677.4	671.0	667.3	667.3	668.2	676.5	701.3	743.7	814.5
47.5°	647.9	647.0	642.4	635.1	628.6	624.0	616.6	613.9	621.3	645.2	693.0
50°	606.5	601.9	597.3	591.8	584.4	579.8	566.0	566.9	560.5	571.6	596.4
52.5°	545.8	542.1	540.3	535.7	532.9	531.1	520.0	509.0	506.2	508.0	517.2
55°	478.6	480.4	473.1	476.8	475.8	467.5	462.9	454.7	451.9	451.0	455.6
57.5°	408.6	410.5	405.9	409.6	409.6	405.0	402.2	402.2	395.8	390.2	396.7
60°	345.1	341.5	344.2	348.8	348.8	346.1	344.2	344.2	339.6	337.8	342.4
62.5°	293.6	289.9	292.7	297.3	298.2	296.4	294.5	294.5	289.0	289.0	292.7
65°	254.0	254.9	254.0	257.7	257.7	258.6	256.8	254.9	248.5	251.3	250.3
67.5°	225.5	224.6	224.6	228.3	227.3	229.2	227.3	224.6	220.0	216.3	215.4
70°	201.6	200.6	200.6	202.5	203.4	203.4	202.5	200.6	194.2	190.5	187.8
72.5°	180.4	179.5	180.4	181.3	182.2	183.2	182.2	180.4	174.9	170.3	165.7
75°	161.1	160.1	162.9	162.9	163.8	163.8	164.7	163.8	159.2	153.7	148.2
77.5°	141.7	142.7	145.4	146.3	148.2	149.1	150.0	150.0	145.4	140.8	133.5
80°	126.1	127.9	129.8	130.7	132.5	135.3	136.2	137.1	133.5	128.9	120.6
82.5°	115.0	116.0	117.8	118.7	121.5	122.4	123.3	125.2	123.3	118.7	109.5
85°	105.8	106.8	108.6	108.6	110.4	112.3	113.2	114.1	113.2	108.6	99.4
87.5°	97.6	98.5	99.4	100.3	101.2	102.2	103.1	104.0	103.1	98.5	90.2
90°	90.2	90.2	91.1	91.1	92.0	93.0	94.8	94.8	93.9	90.2	81.9
92.5°	81.9	82.8	82.8	83.8	84.7	85.6	86.5	86.5	85.6	81.9	74.6
95°	76.4	76.4	77.3	77.3	78.2	78.2	79.2	79.2	78.2	74.6	67.2
97.5°	69.9	69.9	69.9	69.9	70.9	70.9	71.8	71.8	70.9	67.2	60.7
100°	64.4	64.4	64.4	64.4	64.4	65.3	65.3	65.3	64.4	60.7	54.3
102.5°	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	58.0	55.2	48.8
105°	57.1	57.1	57.1	56.1	56.1	56.1	55.2	55.2	52.5	49.7	44.2
107.5°	53.4	53.4	53.4	52.5	52.5	51.5	50.6	50.6	47.9	45.1	39.6
110°	50.6	50.6	50.6	49.7	48.8	47.9	46.9	46.0	43.3	39.6	35.0



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	47.9	47.9	46.9	46.9	46.0	45.1	43.3	42.3	39.6	35.9	31.3
115°	44.2	44.2	44.2	43.3	42.3	41.4	40.5	38.7	35.9	32.2	27.6
117.5°	40.5	40.5	40.5	39.6	38.7	37.7	36.8	35.0	32.2	28.5	24.9
120°	36.8	36.8	36.8	35.9	35.0	34.1	33.1	31.3	28.5	25.8	21.2
122.5°	34.1	34.1	33.1	32.2	31.3	30.4	29.5	27.6	25.8	22.1	18.4
125°	30.4	30.4	29.5	29.5	28.5	27.6	26.7	24.9	22.1	19.3	16.6
127.5°	27.6	26.7	26.7	26.7	25.8	24.9	23.0	22.1	19.3	16.6	13.8
130°	23.9	23.9	23.9	23.0	23.0	22.1	20.2	18.4	16.6	14.7	12.0
132.5°	21.2	21.2	21.2	21.2	20.2	19.3	17.5	16.6	14.7	12.0	10.1
135°	19.3	19.3	18.4	18.4	17.5	16.6	15.6	13.8	12.0	10.1	8.3
137.5°	16.6	16.6	16.6	15.6	15.6	14.7	12.9	12.0	11.0	9.2	7.4
140°	14.7	14.7	13.8	13.8	12.9	12.9	12.0	10.1	9.2	7.4	6.4
142.5°	12.9	12.9	12.0	12.0	11.0	11.0	10.1	9.2	7.4	6.4	4.6
145°	11.0	11.0	10.1	10.1	10.1	9.2	8.3	7.4	6.4	5.5	4.6
147.5°	9.2	9.2	9.2	8.3	8.3	7.4	7.4	6.4	5.5	4.6	3.7
150°	8.3	8.3	7.4	7.4	7.4	6.4	5.5	5.5	4.6	3.7	2.8
152.5°	6.4	6.4	6.4	6.4	5.5	5.5	4.6	4.6	3.7	2.8	2.8
155°	5.5	5.5	5.5	4.6	4.6	4.6	3.7	3.7	2.8	2.8	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: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8	1781.8
2.5°	1771.7	1770.8	1779.1	1778.2	1767.1	1783.7	1794.7
5°	1767.1	1766.2	1773.6	1775.4	1763.4	1780.9	1792.9
7.5°	1763.4	1762.5	1770.8	1773.6	1761.6	1777.2	1790.1
10°	1764.4	1759.8	1767.1	1769.0	1757.9	1774.5	1785.5
12.5°	1770.8	1759.8	1762.5	1762.5	1752.4	1767.1	1779.1
15°	1786.4	1763.4	1759.8	1757.0	1744.1	1757.9	1769.9
17.5°	1803.9	1772.6	1759.8	1750.5	1734.9	1746.9	1759.8
20°	1821.4	1782.8	1761.6	1746.9	1725.7	1736.7	1745.9
22.5°	1829.7	1792.0	1763.4	1741.3	1714.7	1720.2	1730.3
25°	1818.7	1788.3	1759.8	1733.1	1700.8	1701.8	1710.1
27.5°	1778.2	1769.9	1751.5	1724.8	1689.8	1685.2	1691.6
30°	1709.1	1732.1	1733.1	1713.7	1676.9	1667.7	1670.5
32.5°	1612.5	1664.0	1694.4	1690.7	1658.5	1645.6	1647.5
35°	1501.1	1565.6	1631.8	1653.9	1630.9	1620.8	1617.1
37.5°	1367.7	1454.2	1542.5	1596.8	1593.2	1586.7	1583.0
40°	1220.4	1324.4	1429.3	1515.9	1542.5	1542.5	1544.4
42.5°	1063.0	1184.5	1299.6	1409.1	1471.7	1485.5	1491.0
45°	911.2	1033.6	1158.7	1284.8	1368.6	1411.9	1427.5
47.5°	773.1	896.4	1015.2	1153.2	1264.6	1320.7	1345.6
50°	655.3	747.3	872.5	1009.6	1131.1	1200.2	1248.9
52.5°	557.7	629.5	739.1	867.0	989.4	1084.2	1129.3
55°	475.8	524.6	617.6	728.0	844.9	943.4	995.8
57.5°	406.8	445.5	509.0	601.0	699.5	797.0	853.2
60°	346.1	372.8	416.0	488.7	572.5	656.2	710.5
62.5°	293.6	311.1	339.6	393.0	458.3	523.7	574.3
65°	253.1	260.5	276.1	309.2	358.9	408.6	451.9
67.5°	213.5	218.1	230.1	250.3	275.2	311.1	339.6
70°	184.1	184.1	185.0	197.0	209.8	232.9	253.1
72.5°	160.1	157.4	151.9	154.6	157.4	170.3	183.2
75°	140.8	134.4	125.2	121.5	119.6	121.5	128.9
77.5°	124.3	115.0	104.0	94.8	87.4	84.7	91.1
80°	110.4	99.4	86.5	74.6	62.6	56.1	58.9
82.5°	99.4	85.6	71.8	58.0	44.2	35.0	35.0
85°	87.4	74.6	59.8	45.1	31.3	19.3	17.5
87.5°	79.2	65.3	49.7	35.9	22.1	10.1	5.5
90°	70.9	57.1	42.3	28.5	15.6	4.6	0.0
92.5°	63.5	50.6	36.8	23.0	11.0	2.8	0.0
95°	57.1	45.1	31.3	19.3	9.2	1.8	0.9
97.5°	50.6	39.6	27.6	15.6	6.4	1.8	0.9
100°	46.0	35.0	23.9	12.9	5.5	0.9	0.9
102.5°	40.5	31.3	20.2	11.0	4.6	0.9	0.9
105°	35.9	27.6	17.5	9.2	3.7	0.9	0.9
107.5°	32.2	23.9	15.6	8.3	3.7	0.9	0.9
110°	28.5	21.2	13.8	7.4	2.8	0.9	0.9



TEST NUMBER: P290193

CATALOG NUMBER: 4SSRK-LC-40-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	25.8	18.4	12.0	6.4	1.8	0.9	0.9
115°	22.1	16.6	10.1	5.5	1.8	0.9	0.9
117.5°	19.3	13.8	9.2	4.6	1.8	0.9	0.9
120°	16.6	12.0	7.4	3.7	0.9	0.9	0.9
122.5°	14.7	10.1	6.4	3.7	0.9	0.9	0.9
125°	12.9	9.2	5.5	2.8	0.9	0.9	0.9
127.5°	11.0	7.4	4.6	1.8	0.9	0.9	0.9
130°	9.2	6.4	3.7	1.8	0.9	0.9	0.9
132.5°	7.4	5.5	3.7	1.8	0.9	0.9	0.9
135°	6.4	4.6	2.8	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	2.8	1.8	1.8	1.8	1.8	0.9
142.5°	3.7	2.8	1.8	1.8	1.8	1.8	0.9
145°	2.8	1.8	1.8	1.8	1.8	1.8	0.9
147.5°	2.8	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)