

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: P290194

Luminaire Tested: **4SSRK-LC-40-L840-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: P290194  
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-L840-CD1-U  
Description: 4000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 4000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4319.8 lumens  
Efficiency: N/A  
Efficacy: 156.0 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

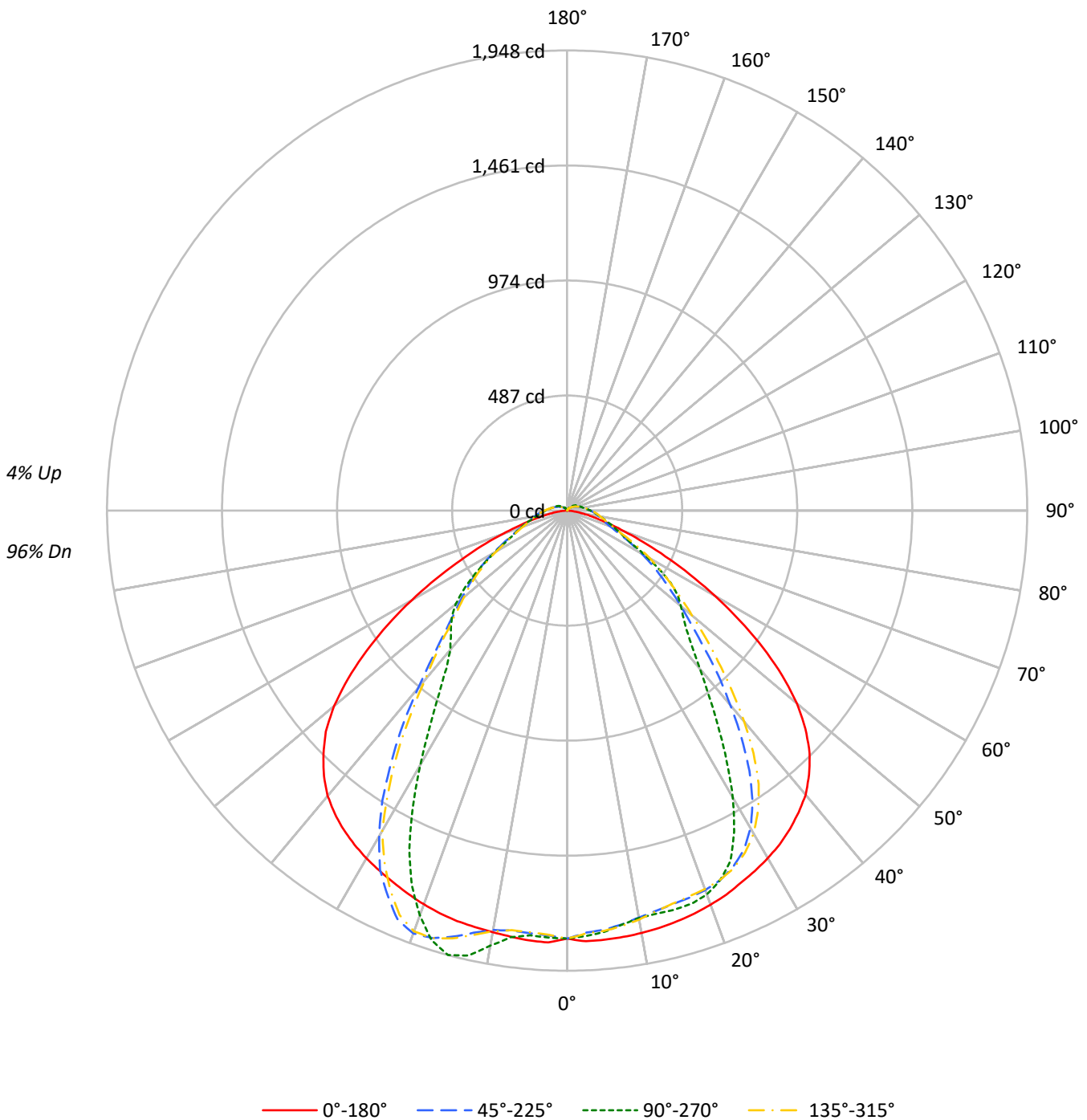
Input Watts (W): 27.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	117031	117031	117031	117031
5°	117775	85986	118014	86664
10°	118210	67344	117969	71917
15°	119015	56454	118955	62860
20°	120210	48406	120081	51025
25°	121565	40691	121495	39318
30°	123710	31615	123776	28010
35°	125979	23104	126339	19551
40°	127940	16901	128469	14890
45°	127286	13046	127944	12703
50°	121574	10959	123278	10713
55°	107623	8981	110311	8164
60°	87053	6253	91679	5733
65°	64473	4330	69453	4107
70°	43612	3361	49169	3213
75°	28289	2698	32954	2552
80°	18020	2205	21118	2029
85°	8935	1886	11746	1722



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	172.1	4.0
10°-20°	512.1	11.9
20°-30°	778.6	18.0
30°-40°	835.2	19.3
40°-50°	724.9	16.8
50°-60°	537.2	12.4
60°-70°	307.8	7.1
70°-80°	170.5	3.9
80°-90°	103.8	2.4
90°-100°	67.5	1.6
100°-110°	45.2	1.0
110°-120°	30.5	0.7
120°-130°	18.7	0.4
130°-140°	9.8	0.2
140°-150°	4.5	0.1
150°-160°	1.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1462.8	33.9
0°-40°	2298.1	53.2
0°-60°	3560.2	82.4
0°-90°	4142.2	95.9
90°-120°	143.2	3.3
90°-150°	176.3	4.1
90°-180°	178.0	4.1
0°-180°	4319.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1812	1812	1812	1812	1812	
5°	1823	1790	1827	1805	1823	174
15°	1800	1749	1799	1948	1800	509
25°	1739	1636	1738	1581	1739	804
35°	1644	1114	1649	942	1644	1029
45°	1452	714	1459	695	1452	1111
55°	1013	535	1038	487	1013	898
65°	460	271	495	257	460	463
75°	131	172	153	163	131	150
85°	18	119	23	109	18	23
90°	0	99	2	92	0	1
95°	1	81	0	78	1	1
105°	1	61	1	58	1	1
115°	1	50	1	45	1	1
125°	1	37	1	31	1	1
135°	1	23	1	20	1	1
145°	1	14	2	11	1	1
155°	2	7	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



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1825.2	1820.5	1818.6	1814.9	1817.7	1828.9	1821.4	1809.2	1810.2	1788.7	1799.9
5°	1823.3	1817.7	1814.9	1811.1	1813.0	1823.3	1815.8	1803.6	1802.7	1781.2	1791.5
7.5°	1820.5	1814.9	1810.2	1807.4	1808.3	1816.7	1807.4	1793.3	1790.5	1767.1	1776.5
10°	1815.8	1812.1	1805.5	1800.8	1799.9	1809.2	1794.3	1780.2	1773.7	1749.3	1758.7
12.5°	1809.2	1803.6	1797.1	1788.7	1787.7	1793.3	1781.2	1761.5	1755.0	1735.3	1745.6
15°	1799.9	1793.3	1785.9	1776.5	1771.8	1775.6	1760.6	1742.8	1741.9	1725.0	1739.1
17.5°	1789.6	1780.2	1771.8	1758.7	1752.2	1755.0	1742.8	1726.9	1728.8	1718.5	1734.4
20°	1775.6	1765.3	1752.2	1739.1	1729.7	1734.4	1725.9	1713.8	1716.6	1709.1	1723.1
22.5°	1759.6	1745.6	1729.7	1714.7	1707.2	1713.8	1707.2	1696.9	1697.9	1693.2	1701.6
25°	1739.1	1723.1	1704.4	1685.7	1682.0	1686.6	1682.9	1674.5	1670.7	1663.2	1667.0
27.5°	1720.3	1702.5	1679.1	1659.5	1652.9	1662.3	1653.9	1639.8	1629.5	1619.2	1611.8
30°	1698.8	1677.3	1651.1	1628.6	1623.0	1626.7	1614.6	1593.0	1565.9	1552.8	1532.2
32.5°	1675.4	1647.3	1614.6	1589.3	1585.6	1582.7	1560.3	1529.4	1487.3	1461.1	1429.2
35°	1644.5	1613.6	1574.3	1543.4	1537.8	1521.9	1485.4	1444.2	1389.9	1345.0	1290.7
37.5°	1609.9	1573.4	1532.2	1491.0	1475.1	1443.3	1391.8	1348.7	1266.4	1212.1	1146.6
40°	1570.6	1526.6	1476.0	1426.4	1400.2	1348.7	1289.8	1226.1	1146.6	1073.6	1018.3
42.5°	1516.3	1469.5	1409.6	1354.4	1309.4	1241.1	1171.8	1082.0	1009.0	947.2	891.1
45°	1451.7	1395.5	1326.3	1259.8	1202.7	1121.3	1039.9	950.0	889.2	817.1	778.7
47.5°	1368.4	1307.6	1233.6	1159.7	1084.8	994.9	909.8	823.7	762.8	711.3	683.3
50°	1270.1	1214.0	1132.5	1044.6	962.2	868.6	783.4	718.8	659.9	628.0	606.5
52.5°	1148.4	1096.0	1012.7	917.3	837.7	746.0	668.3	615.9	573.8	550.4	542.9
55°	1012.7	966.9	884.5	795.6	714.2	629.9	570.9	525.1	497.9	483.9	484.8
57.5°	867.7	832.1	754.4	674.8	598.1	534.4	481.1	444.6	424.0	423.1	425.9
60°	722.6	696.4	629.0	560.7	493.3	441.8	402.5	377.2	364.1	365.0	364.1
62.5°	584.1	559.7	511.0	454.9	401.5	366.9	331.3	321.0	309.8	308.9	308.9
65°	459.6	440.8	401.5	361.3	321.0	298.6	280.8	268.6	260.2	258.3	259.3
67.5°	345.4	337.9	310.7	283.6	258.3	244.3	229.3	226.5	220.0	220.0	221.8
70°	257.4	251.8	236.8	220.9	210.6	201.2	193.7	193.7	192.8	191.9	196.6
72.5°	186.3	187.2	182.5	170.3	169.4	167.5	165.7	168.5	169.4	172.2	177.8
75°	131.0	133.8	133.8	132.0	135.7	140.4	143.2	147.9	153.5	157.2	163.8
77.5°	92.7	92.7	97.3	103.0	110.4	118.9	126.4	132.9	140.4	145.1	150.7
80°	59.9	62.7	70.2	80.5	90.8	102.0	112.3	120.7	128.2	135.7	139.5
82.5°	35.6	40.2	49.6	62.7	75.8	89.9	100.1	110.4	118.9	126.4	129.2
85°	17.8	24.3	35.6	49.6	63.6	78.6	91.7	101.1	110.4	117.0	120.7
87.5°	5.6	13.1	25.3	38.4	53.4	68.3	82.4	92.7	101.1	106.7	110.4
90°	0.0	6.6	17.8	31.8	45.9	60.8	73.9	85.2	93.6	98.3	101.1
92.5°	0.0	3.7	14.0	26.2	39.3	54.3	67.4	77.7	85.2	89.9	91.7
95°	0.9	2.8	10.3	21.5	34.6	48.7	60.8	70.2	77.7	82.4	83.3
97.5°	0.9	1.9	8.4	17.8	30.0	43.1	55.2	64.6	70.2	74.9	75.8
100°	0.9	1.9	6.6	15.9	26.2	38.4	49.6	58.0	64.6	68.3	69.3
102.5°	0.9	0.9	5.6	13.1	23.4	33.7	44.0	52.4	58.0	61.8	63.6
105°	0.9	0.9	4.7	11.2	20.6	30.0	39.3	47.7	52.4	56.2	58.0
107.5°	0.9	0.9	3.7	9.4	17.8	26.2	35.6	42.1	47.7	51.5	53.4
110°	0.9	0.9	2.8	8.4	15.0	23.4	30.9	37.4	43.1	46.8	48.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.9	0.9	2.8	7.5	13.1	20.6	27.1	33.7	38.4	42.1	44.9
115°	0.9	0.9	2.8	6.6	12.2	17.8	24.3	30.0	34.6	38.4	41.2
117.5°	0.9	0.9	2.8	5.6	10.3	15.9	21.5	27.1	30.9	34.6	37.4
120°	0.9	0.9	1.9	4.7	9.4	14.0	18.7	23.4	28.1	31.8	34.6
122.5°	0.9	0.9	1.9	4.7	7.5	12.2	16.8	20.6	25.3	28.1	30.9
125°	0.9	0.9	1.9	3.7	6.6	11.2	15.0	18.7	21.5	25.3	28.1
127.5°	0.9	0.9	1.9	3.7	5.6	9.4	13.1	16.8	19.7	22.5	24.3
130°	0.9	0.9	1.9	2.8	4.7	7.5	11.2	14.0	17.8	19.7	21.5
132.5°	0.9	0.9	0.9	2.8	3.7	5.6	8.4	12.2	15.0	17.8	18.7
135°	0.9	0.9	0.9	1.9	3.7	4.7	6.6	9.4	12.2	15.0	16.8
137.5°	0.9	0.9	0.9	1.9	2.8	4.7	5.6	7.5	10.3	12.2	15.0
140°	0.9	0.9	0.9	1.9	2.8	3.7	4.7	6.6	8.4	10.3	12.2
142.5°	0.9	0.9	0.9	1.9	1.9	2.8	3.7	5.6	6.6	8.4	10.3
145°	0.9	0.9	0.9	1.9	1.9	2.8	3.7	4.7	5.6	6.6	8.4
147.5°	0.9	0.9	0.9	1.9	1.9	1.9	2.8	3.7	4.7	5.6	6.6
150°	1.9	1.9	1.9	1.9	1.9	1.9	2.8	2.8	3.7	4.7	5.6
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.8	2.8	2.8	3.7	4.7
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1796.1	1798.0	1809.2	1808.3	1806.4	1804.6	1804.6	1802.7	1804.6	1809.2	1807.4
5°	1786.8	1789.6	1798.0	1797.1	1795.2	1794.3	1793.3	1790.5	1792.4	1799.0	1797.1
7.5°	1769.9	1772.7	1780.2	1776.5	1773.7	1775.6	1770.9	1768.1	1771.8	1778.4	1777.4
10°	1752.2	1754.0	1763.4	1761.5	1756.8	1757.8	1753.1	1751.2	1755.9	1759.6	1760.6
12.5°	1740.0	1746.5	1755.0	1754.0	1753.1	1754.0	1749.3	1747.5	1750.3	1754.0	1753.1
15°	1737.2	1745.6	1755.0	1755.0	1755.9	1756.8	1752.2	1749.3	1752.2	1755.0	1754.0
17.5°	1734.4	1744.7	1753.1	1752.2	1753.1	1755.0	1747.5	1745.6	1749.3	1753.1	1751.2
20°	1725.0	1734.4	1740.0	1738.1	1738.1	1739.1	1729.7	1729.7	1735.3	1738.1	1739.1
22.5°	1698.8	1710.0	1710.0	1705.4	1705.4	1701.6	1698.8	1693.2	1699.7	1704.4	1708.2
25°	1659.5	1664.2	1658.6	1648.3	1642.6	1638.0	1624.9	1636.1	1636.1	1650.1	1654.8
27.5°	1604.3	1594.0	1578.1	1556.5	1551.9	1536.9	1528.5	1531.3	1535.9	1555.6	1570.6
30°	1513.5	1482.6	1455.4	1446.1	1425.5	1410.5	1395.5	1403.0	1411.5	1422.7	1453.6
32.5°	1393.7	1363.7	1319.7	1303.8	1282.3	1263.6	1245.8	1257.0	1272.0	1279.5	1313.2
35°	1256.1	1220.5	1180.3	1153.1	1130.7	1120.4	1097.9	1113.8	1129.7	1135.3	1164.4
37.5°	1110.1	1073.6	1038.0	1014.6	993.1	986.5	971.5	982.8	994.9	1003.4	1027.7
40°	971.5	937.9	910.7	894.8	879.8	874.2	868.6	873.3	882.6	889.2	907.9
42.5°	852.7	825.5	806.8	797.5	787.2	779.7	780.6	782.5	787.2	801.2	809.6
45°	748.8	732.9	720.7	718.8	712.3	711.3	710.4	714.2	717.0	725.4	731.9
47.5°	665.5	658.9	656.1	659.9	662.7	658.9	660.8	665.5	671.1	671.1	670.2
50°	600.0	601.8	605.6	614.0	619.6	621.5	623.4	629.0	629.9	631.8	629.0
52.5°	546.6	548.5	558.8	571.9	578.4	581.2	585.0	590.6	590.6	592.5	588.7
55°	492.3	495.1	505.4	518.5	524.1	527.9	531.6	535.4	538.2	541.9	539.1
57.5°	432.4	440.8	447.4	451.1	454.9	457.7	460.5	461.4	467.1	468.0	472.7
60°	368.8	370.6	377.2	376.3	373.5	380.9	377.2	383.8	390.3	398.7	399.7
62.5°	307.9	308.9	313.6	311.7	315.4	314.5	317.3	317.3	322.0	325.7	330.4
65°	260.2	261.1	264.9	264.9	263.9	266.8	269.6	271.4	271.4	274.2	278.0
67.5°	224.6	227.4	231.2	233.1	234.9	234.9	237.7	238.7	240.5	241.5	243.4
70°	200.3	204.0	207.8	209.7	210.6	212.5	213.4	213.4	215.3	216.2	218.1
72.5°	182.5	186.3	189.1	189.1	190.9	191.9	191.9	192.8	193.7	195.6	197.5
75°	167.5	170.3	172.2	171.3	171.3	171.3	172.2	172.2	174.1	176.0	177.8
77.5°	153.5	156.3	156.3	154.4	154.4	154.4	154.4	155.4	156.3	158.2	160.1
80°	143.2	143.2	142.3	142.3	140.4	139.5	139.5	140.4	140.4	142.3	145.1
82.5°	132.0	132.0	131.0	130.1	129.2	128.2	128.2	129.2	130.1	131.0	132.9
85°	121.7	121.7	119.8	119.8	118.9	118.9	118.9	118.9	119.8	120.7	122.6
87.5°	111.4	110.4	109.5	108.6	108.6	108.6	108.6	108.6	109.5	111.4	112.3
90°	101.1	100.1	99.2	99.2	98.3	98.3	99.2	99.2	100.1	101.1	102.0
92.5°	91.7	90.8	89.9	89.9	88.9	88.9	89.9	88.9	90.8	90.8	91.7
95°	83.3	82.4	81.4	81.4	81.4	81.4	81.4	81.4	82.4	82.4	83.3
97.5°	75.8	74.9	73.9	73.9	74.9	73.9	74.9	74.9	74.9	75.8	76.8
100°	69.3	68.3	68.3	69.3	68.3	68.3	69.3	69.3	69.3	69.3	70.2
102.5°	63.6	63.6	63.6	63.6	63.6	63.6	64.6	64.6	64.6	64.6	65.5
105°	58.0	59.0	59.0	59.0	59.9	59.9	59.9	60.8	60.8	60.8	60.8
107.5°	54.3	55.2	55.2	56.2	56.2	57.1	57.1	57.1	57.1	58.0	58.0
110°	50.5	51.5	52.4	53.4	53.4	54.3	54.3	54.3	54.3	54.3	54.3





TEST NUMBER: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	46.8	47.7	48.7	50.5	51.5	51.5	51.5	51.5	52.4	52.4	51.5
115°	43.1	44.9	45.9	47.7	48.7	48.7	49.6	49.6	49.6	49.6	48.7
117.5°	39.3	42.1	43.1	44.9	45.9	45.9	46.8	46.8	46.8	46.8	45.9
120°	36.5	38.4	40.2	41.2	42.1	43.1	43.1	44.0	44.0	44.0	43.1
122.5°	33.7	35.6	37.4	38.4	39.3	40.2	40.2	40.2	40.2	40.2	40.2
125°	30.0	31.8	33.7	34.6	35.6	36.5	36.5	37.4	37.4	37.4	36.5
127.5°	27.1	29.0	30.0	31.8	32.8	32.8	33.7	33.7	33.7	33.7	32.8
130°	23.4	25.3	27.1	28.1	29.0	29.0	30.0	30.0	30.0	30.0	30.0
132.5°	20.6	22.5	23.4	25.3	25.3	26.2	26.2	27.1	27.1	27.1	26.2
135°	18.7	19.7	20.6	22.5	22.5	23.4	23.4	23.4	23.4	23.4	23.4
137.5°	16.8	17.8	18.7	19.7	19.7	20.6	20.6	20.6	20.6	21.5	20.6
140°	14.0	15.9	16.8	16.8	17.8	17.8	17.8	18.7	18.7	18.7	17.8
142.5°	12.2	13.1	14.0	15.0	15.9	15.9	15.9	15.9	16.8	15.9	15.9
145°	9.4	11.2	12.2	13.1	14.0	14.0	14.0	14.0	14.0	14.0	14.0
147.5°	7.5	8.4	10.3	11.2	11.2	12.2	12.2	12.2	12.2	12.2	12.2
150°	6.6	6.6	8.4	9.4	10.3	10.3	10.3	10.3	10.3	10.3	10.3
152.5°	4.7	5.6	6.6	7.5	8.4	8.4	8.4	8.4	8.4	8.4	8.4
155°	4.7	4.7	5.6	5.6	6.6	6.6	6.6	6.6	7.5	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: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1804.6	1803.6	1807.4	1803.6	1784.9	1792.4	1789.6	1799.9	1800.8	1803.6	1813.0
5°	1795.2	1795.2	1799.9	1796.1	1778.4	1785.9	1784.9	1795.2	1797.1	1799.0	1809.2
7.5°	1776.5	1777.4	1784.0	1781.2	1762.5	1773.7	1772.7	1784.9	1788.7	1792.4	1801.8
10°	1758.7	1757.8	1765.3	1762.5	1744.7	1757.8	1756.8	1769.0	1774.6	1781.2	1792.4
12.5°	1749.3	1746.5	1749.3	1746.5	1726.9	1737.2	1738.1	1752.2	1758.7	1767.1	1780.2
15°	1749.3	1744.7	1744.7	1739.1	1716.6	1723.1	1724.1	1733.4	1741.9	1750.3	1766.2
17.5°	1747.5	1742.8	1741.9	1737.2	1712.8	1712.8	1711.9	1718.5	1723.1	1731.6	1748.4
20°	1737.2	1735.3	1734.4	1731.6	1709.1	1705.4	1703.5	1703.5	1706.3	1709.1	1725.9
22.5°	1710.0	1711.9	1713.8	1715.7	1697.9	1691.3	1692.3	1690.4	1687.6	1687.6	1701.6
25°	1659.5	1668.9	1676.3	1684.8	1674.5	1669.8	1675.4	1672.6	1667.9	1664.2	1676.3
27.5°	1579.0	1598.7	1614.6	1635.2	1636.1	1632.3	1647.3	1645.5	1644.5	1638.9	1648.3
30°	1467.6	1498.5	1520.0	1550.0	1575.3	1579.0	1604.3	1608.0	1611.8	1608.9	1618.3
32.5°	1332.8	1375.0	1411.5	1458.3	1482.6	1504.1	1539.7	1554.7	1569.6	1574.3	1584.6
35°	1185.9	1233.6	1276.7	1328.2	1366.5	1413.3	1456.4	1478.8	1512.5	1525.6	1540.6
37.5°	1046.4	1091.4	1133.5	1185.0	1246.7	1295.4	1348.7	1399.3	1445.2	1463.9	1486.3
40°	922.9	959.4	999.6	1044.6	1100.7	1164.4	1222.4	1292.6	1346.9	1384.3	1417.1
42.5°	829.3	847.1	881.7	921.9	966.9	1031.5	1090.4	1169.0	1234.6	1287.9	1342.2
45°	746.0	754.4	779.7	801.2	847.1	904.2	966.9	1043.6	1111.9	1180.3	1245.8
47.5°	674.8	685.1	697.3	710.4	743.2	790.9	845.2	914.5	982.8	1062.3	1137.2
50°	627.1	629.9	631.8	637.4	657.1	689.8	733.8	792.8	858.3	943.5	1023.0
52.5°	585.0	585.0	579.4	576.6	584.1	604.6	629.9	672.0	739.4	818.0	902.3
55°	540.1	531.6	529.8	520.4	522.3	531.6	543.8	576.6	631.8	699.2	780.6
57.5°	477.3	473.6	473.6	469.9	462.4	467.1	469.9	493.3	532.6	590.6	661.7
60°	405.3	403.4	408.1	409.0	402.5	405.3	404.3	418.4	446.5	493.3	552.2
62.5°	333.2	341.6	342.6	346.3	342.6	341.6	346.3	358.5	372.5	408.1	454.0
65°	279.9	284.5	285.5	290.2	288.3	288.3	292.0	301.4	309.8	334.1	369.7
67.5°	245.2	243.4	244.3	247.1	244.3	243.4	246.2	251.8	258.3	273.3	298.6
70°	218.1	216.2	216.2	216.2	212.5	209.7	210.6	212.5	215.3	223.7	239.6
72.5°	197.5	197.5	194.7	191.9	189.1	187.2	185.3	183.5	182.5	185.3	193.7
75°	178.8	179.7	178.8	176.0	172.2	168.5	164.7	161.0	156.3	154.4	155.4
77.5°	161.9	162.9	163.8	162.9	159.1	154.4	148.8	143.2	136.7	130.1	126.4
80°	146.9	148.8	149.8	148.8	146.0	142.3	135.7	129.2	119.8	111.4	102.0
82.5°	133.8	136.7	137.6	137.6	135.7	132.0	124.5	117.0	106.7	95.5	83.3
85°	123.5	125.4	127.3	127.3	126.4	122.6	115.1	106.7	96.4	83.3	70.2
87.5°	113.3	114.2	116.1	117.9	116.1	112.3	105.8	96.4	86.1	73.0	58.0
90°	103.0	103.9	105.8	107.6	106.7	103.0	97.3	88.9	77.7	63.6	48.7
92.5°	92.7	94.5	95.5	96.4	97.3	94.5	89.9	81.4	70.2	56.2	42.1
95°	85.2	85.2	87.0	88.0	88.9	86.1	82.4	73.9	63.6	50.5	36.5
97.5°	77.7	77.7	79.6	79.6	80.5	78.6	74.9	67.4	57.1	44.9	30.9
100°	70.2	71.1	72.1	73.0	73.0	72.1	68.3	60.8	51.5	40.2	27.1
102.5°	65.5	65.5	66.5	66.5	67.4	65.5	61.8	55.2	45.9	35.6	23.4
105°	60.8	60.8	61.8	61.8	60.8	59.0	55.2	49.6	41.2	30.9	20.6
107.5°	57.1	57.1	57.1	57.1	56.2	54.3	50.5	44.0	36.5	28.1	18.7
110°	54.3	53.4	53.4	52.4	51.5	48.7	44.9	39.3	32.8	24.3	15.9



TEST NUMBER: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	51.5	50.5	49.6	48.7	46.8	44.0	40.2	35.6	29.0	21.5	14.0
115°	48.7	47.7	46.8	44.9	43.1	40.2	36.5	31.8	25.3	18.7	12.2
117.5°	45.9	44.9	43.1	41.2	39.3	36.5	32.8	28.1	22.5	16.8	11.2
120°	42.1	41.2	40.2	38.4	36.5	32.8	29.0	25.3	19.7	15.0	9.4
122.5°	39.3	38.4	36.5	35.6	32.8	30.0	26.2	22.5	17.8	13.1	8.4
125°	35.6	34.6	33.7	31.8	30.0	26.2	23.4	19.7	15.9	11.2	6.6
127.5°	32.8	31.8	30.0	28.1	26.2	23.4	20.6	17.8	14.0	9.4	6.6
130°	29.0	28.1	27.1	25.3	23.4	20.6	18.7	15.0	12.2	8.4	5.6
132.5°	25.3	25.3	24.3	22.5	20.6	18.7	15.9	13.1	10.3	7.5	4.7
135°	23.4	22.5	21.5	19.7	18.7	15.9	14.0	11.2	8.4	6.6	3.7
137.5°	20.6	19.7	18.7	17.8	15.9	14.0	12.2	9.4	7.5	5.6	3.7
140°	17.8	16.8	16.8	15.0	14.0	12.2	10.3	8.4	6.6	4.7	2.8
142.5°	15.9	15.0	14.0	13.1	12.2	10.3	8.4	6.6	5.6	3.7	2.8
145°	14.0	13.1	12.2	11.2	10.3	8.4	7.5	5.6	4.7	3.7	2.8
147.5°	11.2	11.2	10.3	9.4	8.4	7.5	6.6	5.6	3.7	2.8	1.9
150°	9.4	9.4	8.4	7.5	7.5	6.6	5.6	4.7	3.7	2.8	1.9
152.5°	8.4	7.5	7.5	6.6	6.6	5.6	4.7	3.7	2.8	2.8	1.9
155°	6.6	6.6	6.6	5.6	5.6	4.7	3.7	3.7	2.8	1.9	1.9
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: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1814.9	1803.6	1813.0	1829.8	1828.0	1826.1	1824.2	1828.0	1840.1	1833.6	1823.3
5°	1812.1	1800.8	1811.1	1827.0	1826.1	1823.3	1821.4	1825.2	1837.3	1830.8	1819.5
7.5°	1806.4	1796.1	1803.6	1819.5	1819.5	1817.7	1815.8	1819.5	1830.8	1825.2	1813.9
10°	1797.1	1789.6	1797.1	1812.1	1813.0	1809.2	1807.4	1812.1	1823.3	1820.5	1811.1
12.5°	1789.6	1782.1	1790.5	1805.5	1806.4	1802.7	1799.9	1805.5	1820.5	1822.4	1819.5
15°	1779.3	1772.7	1783.0	1799.0	1799.0	1796.1	1796.1	1803.6	1824.2	1832.6	1837.3
17.5°	1764.3	1759.6	1771.8	1787.7	1788.7	1786.8	1787.7	1802.7	1829.8	1850.4	1863.5
20°	1745.6	1743.7	1756.8	1773.7	1776.5	1777.4	1782.1	1804.6	1842.0	1870.1	1883.2
22.5°	1723.1	1724.1	1739.1	1756.8	1760.6	1763.4	1772.7	1804.6	1851.4	1881.3	1886.9
25°	1697.9	1700.7	1716.6	1738.1	1742.8	1748.4	1764.3	1805.5	1854.2	1873.8	1864.5
27.5°	1670.7	1676.3	1696.9	1719.4	1725.0	1734.4	1755.0	1799.9	1841.1	1842.0	1807.4
30°	1642.6	1649.2	1673.5	1699.7	1709.1	1718.5	1743.7	1786.8	1809.2	1779.3	1718.5
32.5°	1610.8	1620.2	1644.5	1676.3	1687.6	1699.7	1725.0	1761.5	1753.1	1688.5	1601.5
35°	1570.6	1583.7	1611.8	1649.2	1659.5	1675.4	1693.2	1701.6	1664.2	1572.4	1474.2
37.5°	1521.0	1540.6	1573.4	1616.4	1627.7	1638.0	1642.6	1619.2	1544.4	1445.2	1343.1
40°	1463.9	1493.8	1529.4	1577.1	1588.4	1588.4	1571.5	1521.9	1427.4	1297.3	1184.0
42.5°	1394.6	1431.1	1476.0	1523.8	1535.0	1521.9	1481.7	1394.6	1287.0	1141.9	1022.1
45°	1310.4	1359.0	1409.6	1459.2	1464.8	1435.8	1363.7	1253.3	1120.4	985.6	871.4
47.5°	1210.2	1273.9	1329.1	1385.3	1377.8	1329.1	1232.7	1107.3	966.9	839.6	747.8
50°	1097.9	1172.8	1234.6	1287.9	1272.0	1204.6	1091.4	960.3	820.9	712.3	636.5
52.5°	978.1	1064.2	1126.0	1169.0	1147.5	1067.0	942.5	817.1	702.9	603.7	553.2
55°	853.6	940.7	1004.3	1038.0	1009.9	922.9	800.3	686.1	578.4	513.9	483.9
57.5°	732.9	814.3	874.2	901.3	865.8	778.7	665.5	569.1	491.4	437.1	422.1
60°	616.8	683.3	740.4	761.0	722.6	642.1	544.7	468.0	410.9	373.5	366.0
62.5°	509.2	563.5	608.4	624.3	586.9	524.1	439.9	382.8	342.6	323.8	314.5
65°	420.3	452.1	497.9	495.1	472.7	414.6	352.9	312.6	286.4	274.2	268.6
67.5°	330.4	359.4	388.4	392.2	364.1	323.8	283.6	254.6	240.5	234.0	231.2
70°	255.5	277.1	294.8	290.2	275.2	249.9	224.6	208.7	203.1	200.3	200.3
72.5°	198.4	209.7	218.1	212.5	203.1	190.0	177.8	171.3	172.2	174.1	176.0
75°	153.5	156.3	158.2	152.6	150.7	142.3	141.3	142.3	147.9	153.5	156.3
77.5°	117.9	114.2	111.4	105.8	106.7	105.8	110.4	117.9	126.4	134.8	142.3
80°	90.8	82.4	75.8	70.2	73.0	77.7	87.0	98.3	109.5	118.9	128.2
82.5°	70.2	58.0	48.7	43.1	48.7	56.2	68.3	82.4	95.5	105.8	116.1
85°	54.3	40.2	29.0	23.4	29.0	40.2	53.4	69.3	83.3	94.5	104.8
87.5°	42.1	29.0	15.9	9.4	15.9	28.1	43.1	58.0	72.1	85.2	95.5
90°	33.7	19.7	7.5	1.9	8.4	19.7	33.7	48.7	62.7	76.8	87.0
92.5°	27.1	14.0	3.7	0.0	4.7	15.0	28.1	42.1	56.2	69.3	79.6
95°	22.5	11.2	2.8	0.0	3.7	11.2	22.5	36.5	49.6	62.7	71.1
97.5°	18.7	8.4	1.9	0.0	1.9	9.4	18.7	30.9	44.0	56.2	64.6
100°	15.9	7.5	1.9	0.0	1.9	7.5	15.9	27.1	38.4	49.6	58.0
102.5°	13.1	5.6	0.9	0.9	0.9	5.6	14.0	23.4	33.7	44.0	52.4
105°	12.2	4.7	0.9	0.9	0.9	4.7	12.2	20.6	30.0	39.3	46.8
107.5°	10.3	3.7	0.9	0.9	0.9	3.7	10.3	17.8	27.1	35.6	42.1
110°	8.4	3.7	0.9	0.9	0.9	3.7	8.4	15.9	23.4	30.9	37.4



TEST NUMBER: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	7.5	2.8	0.9	0.9	0.9	2.8	7.5	14.0	20.6	28.1	33.7
115°	6.6	2.8	0.9	0.9	0.9	2.8	6.6	12.2	17.8	24.3	30.0
117.5°	5.6	2.8	0.9	0.9	0.9	1.9	5.6	10.3	15.9	21.5	27.1
120°	4.7	1.9	0.9	0.9	0.9	1.9	4.7	9.4	14.0	18.7	23.4
122.5°	4.7	1.9	0.9	0.9	0.9	1.9	3.7	7.5	12.2	15.9	20.6
125°	3.7	1.9	0.9	0.9	0.9	0.9	3.7	6.6	10.3	14.0	17.8
127.5°	3.7	1.9	0.9	0.9	0.9	0.9	2.8	5.6	8.4	12.2	15.9
130°	2.8	1.9	0.9	0.9	0.9	0.9	1.9	4.7	7.5	10.3	13.1
132.5°	2.8	1.9	0.9	0.9	0.9	0.9	1.9	3.7	5.6	8.4	11.2
135°	2.8	0.9	0.9	0.9	0.9	0.9	0.9	2.8	4.7	6.6	8.4
137.5°	1.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	3.7	4.7	7.5
140°	1.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	2.8	3.7	5.6
142.5°	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	2.8	4.7
145°	1.9	0.9	0.9	1.9	1.9	0.9	0.9	1.9	1.9	2.8	3.7
147.5°	1.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9	2.8
150°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.8
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
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: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1821.4	1799.9	1811.1	1807.4	1811.1	1820.5	1819.5	1816.7	1818.6	1813.9	1809.2
5°	1817.7	1796.1	1807.4	1802.7	1807.4	1816.7	1814.9	1812.1	1814.9	1809.2	1804.6
7.5°	1813.0	1793.3	1806.4	1805.5	1813.9	1826.1	1827.0	1827.0	1833.6	1825.2	1821.4
10°	1813.0	1802.7	1820.5	1827.0	1848.6	1864.5	1866.3	1870.1	1881.3	1879.4	1870.1
12.5°	1832.6	1830.8	1857.0	1872.9	1892.6	1915.0	1927.2	1930.9	1938.4	1932.8	1929.1
15°	1857.9	1867.3	1896.3	1914.1	1935.6	1952.5	1955.3	1957.1	1962.8	1954.3	1947.8
17.5°	1891.6	1897.2	1920.6	1928.1	1942.2	1945.0	1941.2	1931.9	1931.9	1913.1	1907.5
20°	1907.5	1904.7	1914.1	1901.9	1896.3	1879.4	1863.5	1845.8	1844.8	1825.2	1823.3
22.5°	1893.5	1874.8	1855.1	1825.2	1812.1	1787.7	1766.2	1755.9	1749.3	1724.1	1717.5
25°	1843.9	1798.0	1769.0	1733.4	1701.6	1673.5	1652.9	1631.4	1610.8	1590.2	1580.9
27.5°	1757.8	1714.7	1667.9	1618.3	1574.3	1531.3	1496.6	1475.1	1455.4	1428.3	1414.3
30°	1652.0	1592.1	1540.6	1492.9	1420.8	1368.4	1339.4	1296.3	1281.4	1269.2	1243.0
32.5°	1527.5	1455.4	1385.3	1320.7	1246.7	1198.1	1159.7	1127.9	1118.5	1086.7	1079.2
35°	1389.9	1295.4	1215.8	1152.2	1098.8	1039.9	1008.1	986.5	967.8	946.3	942.5
37.5°	1228.0	1142.8	1053.0	996.8	954.7	904.2	879.8	864.8	856.4	840.5	837.7
40°	1065.1	980.0	918.2	862.0	835.8	808.7	790.9	784.4	780.6	775.0	769.4
42.5°	917.3	842.4	798.4	761.0	749.7	736.6	731.9	735.7	731.9	730.1	729.1
45°	791.8	734.7	703.9	692.6	689.8	686.1	689.8	696.4	697.3	695.4	695.4
47.5°	677.6	650.5	637.4	639.3	644.0	646.8	653.3	661.7	663.6	658.9	660.8
50°	602.8	586.9	584.1	591.5	601.8	605.6	613.1	619.6	618.7	616.8	614.9
52.5°	532.6	527.9	535.4	542.9	554.1	556.0	558.8	561.6	560.7	556.9	555.0
55°	473.6	477.3	483.9	486.7	495.1	494.2	495.1	495.1	491.4	489.5	486.7
57.5°	420.3	421.2	424.9	425.9	430.6	428.7	427.7	425.9	420.3	419.3	416.5
60°	366.0	364.1	372.5	366.0	369.7	366.0	365.0	360.4	354.7	353.8	351.9
62.5°	314.5	310.7	316.4	313.6	315.4	311.7	309.8	304.2	299.5	298.6	297.6
65°	268.6	266.8	272.4	271.4	273.3	268.6	266.8	263.0	259.3	258.3	257.4
67.5°	230.3	234.9	237.7	237.7	239.6	238.7	234.0	233.1	232.1	228.4	228.4
70°	202.2	205.0	210.6	211.5	210.6	212.5	208.7	207.8	206.9	205.0	204.0
72.5°	179.7	183.5	189.1	190.0	189.1	189.1	187.2	186.3	186.3	183.5	183.5
75°	161.9	166.6	171.3	171.3	171.3	169.4	167.5	167.5	165.7	164.7	162.9
77.5°	146.9	152.6	156.3	155.4	154.4	152.6	152.6	149.8	146.9	146.9	145.1
80°	135.7	139.5	142.3	141.3	140.4	137.6	136.7	133.8	132.0	129.2	129.2
82.5°	123.5	128.2	130.1	129.2	127.3	124.5	123.5	121.7	119.8	118.9	117.0
85°	113.3	117.9	118.9	117.0	115.1	113.3	112.3	111.4	110.4	108.6	108.6
87.5°	103.0	107.6	107.6	106.7	104.8	103.9	103.0	102.0	101.1	100.1	99.2
90°	94.5	98.3	98.3	97.3	96.4	95.5	94.5	93.6	92.7	91.7	91.7
92.5°	86.1	89.9	89.9	88.9	88.0	87.0	87.0	86.1	85.2	84.2	83.3
95°	78.6	82.4	82.4	82.4	81.4	80.5	80.5	79.6	78.6	78.6	77.7
97.5°	71.1	74.9	74.9	74.9	73.9	73.0	73.0	72.1	72.1	72.1	71.1
100°	64.6	67.4	68.3	68.3	67.4	67.4	67.4	66.5	66.5	66.5	65.5
102.5°	58.0	60.8	62.7	62.7	62.7	61.8	61.8	61.8	61.8	61.8	60.8
105°	52.4	55.2	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
107.5°	47.7	50.5	52.4	53.4	54.3	54.3	55.2	55.2	55.2	55.2	55.2
110°	43.1	45.9	48.7	49.6	50.5	51.5	51.5	52.4	51.5	51.5	51.5



TEST NUMBER: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	38.4	42.1	44.0	45.9	46.8	47.7	48.7	48.7	48.7	48.7	48.7
115°	34.6	38.4	40.2	42.1	44.0	44.9	44.9	45.9	45.9	45.9	44.9
117.5°	30.9	34.6	36.5	38.4	39.3	41.2	42.1	42.1	42.1	42.1	41.2
120°	28.1	30.9	32.8	34.6	36.5	37.4	38.4	38.4	38.4	38.4	38.4
122.5°	24.3	27.1	30.0	31.8	32.8	33.7	34.6	34.6	34.6	34.6	34.6
125°	21.5	24.3	26.2	28.1	29.0	30.9	30.9	30.9	30.9	30.9	30.9
127.5°	18.7	21.5	23.4	25.3	26.2	27.1	28.1	28.1	28.1	28.1	28.1
130°	15.9	18.7	20.6	22.5	23.4	24.3	24.3	25.3	25.3	25.3	25.3
132.5°	14.0	15.9	17.8	19.7	20.6	21.5	21.5	22.5	22.5	22.5	22.5
135°	11.2	14.0	15.0	16.8	17.8	18.7	18.7	19.7	19.7	19.7	19.7
137.5°	9.4	11.2	13.1	15.0	15.9	15.9	16.8	16.8	17.8	17.8	17.8
140°	7.5	8.4	11.2	12.2	13.1	14.0	15.0	15.0	15.0	15.0	15.0
142.5°	5.6	7.5	8.4	10.3	11.2	12.2	13.1	13.1	13.1	13.1	13.1
145°	4.7	5.6	6.6	8.4	9.4	10.3	11.2	11.2	11.2	11.2	11.2
147.5°	3.7	4.7	5.6	6.6	7.5	8.4	9.4	9.4	9.4	9.4	9.4
150°	2.8	3.7	4.7	4.7	5.6	6.6	7.5	8.4	8.4	8.4	8.4
152.5°	2.8	2.8	3.7	3.7	4.7	5.6	6.6	6.6	6.6	6.6	6.6
155°	1.9	2.8	2.8	2.8	3.7	3.7	4.7	5.6	5.6	5.6	5.6
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: P290194

CATALOG NUMBER: 4SSRK-LC-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1812.1	1815.8	1813.9	1811.1	1810.2	1814.9	1810.2	1788.7	1797.1	1798.0	1804.6
5°	1809.2	1812.1	1810.2	1808.3	1805.5	1811.1	1805.5	1783.0	1791.5	1792.4	1799.0
7.5°	1828.0	1828.9	1828.9	1824.2	1816.7	1819.5	1812.1	1786.8	1791.5	1791.5	1796.1
10°	1874.8	1876.6	1879.4	1867.3	1857.9	1850.4	1840.1	1809.2	1808.3	1800.8	1800.8
12.5°	1935.6	1930.9	1926.2	1920.6	1913.1	1903.8	1888.8	1852.3	1840.1	1828.0	1815.8
15°	1953.4	1951.5	1950.6	1947.8	1943.1	1940.3	1929.1	1892.6	1874.8	1859.8	1838.3
17.5°	1906.6	1910.3	1922.5	1923.4	1929.1	1940.3	1938.4	1913.1	1897.2	1890.7	1864.5
20°	1822.4	1823.3	1838.3	1844.8	1869.2	1887.9	1901.9	1899.1	1895.4	1902.8	1883.2
22.5°	1721.3	1727.8	1743.7	1754.0	1777.4	1799.0	1821.4	1833.6	1853.2	1884.1	1880.4
25°	1583.7	1592.1	1614.6	1631.4	1664.2	1696.9	1726.9	1748.4	1771.8	1830.8	1850.4
27.5°	1418.9	1432.0	1461.1	1477.9	1523.8	1557.5	1600.5	1642.6	1675.4	1742.8	1783.0
30°	1245.8	1257.0	1287.9	1311.3	1350.6	1396.5	1450.8	1510.7	1565.0	1633.3	1683.8
32.5°	1083.9	1096.0	1121.3	1141.9	1185.9	1224.3	1284.2	1358.1	1408.7	1503.2	1570.6
35°	942.5	953.8	971.5	989.3	1025.8	1065.1	1116.6	1188.7	1253.3	1351.6	1436.7
37.5°	843.3	845.2	855.5	865.8	892.9	922.9	963.1	1026.8	1086.7	1192.4	1286.0
40°	772.2	772.2	777.8	780.6	792.8	810.6	835.8	885.4	935.0	1015.5	1129.7
42.5°	728.2	726.3	726.3	727.3	726.3	734.7	749.7	773.1	817.1	883.6	972.5
45°	695.4	691.7	688.9	682.3	678.6	678.6	679.5	687.9	713.2	756.3	828.3
47.5°	658.9	658.0	653.3	645.8	639.3	634.6	627.1	624.3	631.8	656.1	704.8
50°	616.8	612.1	607.5	601.8	594.3	589.7	575.6	576.6	570.0	581.2	606.5
52.5°	555.0	551.3	549.4	544.7	541.9	540.1	528.8	517.6	514.8	516.7	526.0
55°	486.7	488.6	481.1	484.8	483.9	475.5	470.8	462.4	459.6	458.6	463.3
57.5°	415.6	417.4	412.8	416.5	416.5	411.8	409.0	409.0	402.5	396.9	403.4
60°	351.0	347.2	350.1	354.7	354.7	351.9	350.1	350.1	345.4	343.5	348.2
62.5°	298.6	294.8	297.6	302.3	303.3	301.4	299.5	299.5	293.9	293.9	297.6
65°	258.3	259.3	258.3	262.1	262.1	263.0	261.1	259.3	252.7	255.5	254.6
67.5°	229.3	228.4	228.4	232.1	231.2	233.1	231.2	228.4	223.7	220.0	219.0
70°	205.0	204.0	204.0	205.9	206.9	206.9	205.9	204.0	197.5	193.7	190.9
72.5°	183.5	182.5	183.5	184.4	185.3	186.3	185.3	183.5	177.8	173.2	168.5
75°	163.8	162.9	165.7	165.7	166.6	166.6	167.5	166.6	161.9	156.3	150.7
77.5°	144.1	145.1	147.9	148.8	150.7	151.6	152.6	152.6	147.9	143.2	135.7
80°	128.2	130.1	132.0	132.9	134.8	137.6	138.5	139.5	135.7	131.0	122.6
82.5°	117.0	117.9	119.8	120.7	123.5	124.5	125.4	127.3	125.4	120.7	111.4
85°	107.6	108.6	110.4	110.4	112.3	114.2	115.1	116.1	115.1	110.4	101.1
87.5°	99.2	100.1	101.1	102.0	103.0	103.9	104.8	105.8	104.8	100.1	91.7
90°	91.7	91.7	92.7	92.7	93.6	94.5	96.4	96.4	95.5	91.7	83.3
92.5°	83.3	84.2	84.2	85.2	86.1	87.0	88.0	88.0	87.0	83.3	75.8
95°	77.7	77.7	78.6	78.6	79.6	79.6	80.5	80.5	79.6	75.8	68.3
97.5°	71.1	71.1	71.1	71.1	72.1	72.1	73.0	73.0	72.1	68.3	61.8
100°	65.5	65.5	65.5	65.5	65.5	66.5	66.5	66.5	65.5	61.8	55.2
102.5°	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	59.0	56.2	49.6
105°	58.0	58.0	58.0	57.1	57.1	57.1	56.2	56.2	53.4	50.5	44.9
107.5°	54.3	54.3	54.3	53.4	53.4	52.4	51.5	51.5	48.7	45.9	40.2
110°	51.5	51.5	51.5	50.5	49.6	48.7	47.7	46.8	44.0	40.2	35.6





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	48.7	48.7	47.7	47.7	46.8	45.9	44.0	43.1	40.2	36.5	31.8
115°	44.9	44.9	44.9	44.0	43.1	42.1	41.2	39.3	36.5	32.8	28.1
117.5°	41.2	41.2	41.2	40.2	39.3	38.4	37.4	35.6	32.8	29.0	25.3
120°	37.4	37.4	37.4	36.5	35.6	34.6	33.7	31.8	29.0	26.2	21.5
122.5°	34.6	34.6	33.7	32.8	31.8	30.9	30.0	28.1	26.2	22.5	18.7
125°	30.9	30.9	30.0	30.0	29.0	28.1	27.1	25.3	22.5	19.7	16.8
127.5°	28.1	27.1	27.1	27.1	26.2	25.3	23.4	22.5	19.7	16.8	14.0
130°	24.3	24.3	24.3	23.4	23.4	22.5	20.6	18.7	16.8	15.0	12.2
132.5°	21.5	21.5	21.5	21.5	20.6	19.7	17.8	16.8	15.0	12.2	10.3
135°	19.7	19.7	18.7	18.7	17.8	16.8	15.9	14.0	12.2	10.3	8.4
137.5°	16.8	16.8	16.8	15.9	15.9	15.0	13.1	12.2	11.2	9.4	7.5
140°	15.0	15.0	14.0	14.0	13.1	13.1	12.2	10.3	9.4	7.5	6.6
142.5°	13.1	13.1	12.2	12.2	11.2	11.2	10.3	9.4	7.5	6.6	4.7
145°	11.2	11.2	10.3	10.3	10.3	9.4	8.4	7.5	6.6	5.6	4.7
147.5°	9.4	9.4	9.4	8.4	8.4	7.5	7.5	6.6	5.6	4.7	3.7
150°	8.4	8.4	7.5	7.5	7.5	6.6	5.6	5.6	4.7	3.7	2.8
152.5°	6.6	6.6	6.6	6.6	5.6	5.6	4.7	4.7	3.7	2.8	2.8
155°	5.6	5.6	5.6	4.7	4.7	4.7	3.7	3.7	2.8	2.8	1.9
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-40-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1	1812.1
2.5°	1801.8	1800.8	1809.2	1808.3	1797.1	1813.9	1825.2
5°	1797.1	1796.1	1803.6	1805.5	1793.3	1811.1	1823.3
7.5°	1793.3	1792.4	1800.8	1803.6	1791.5	1807.4	1820.5
10°	1794.3	1789.6	1797.1	1799.0	1787.7	1804.6	1815.8
12.5°	1800.8	1789.6	1792.4	1792.4	1782.1	1797.1	1809.2
15°	1816.7	1793.3	1789.6	1786.8	1773.7	1787.7	1799.9
17.5°	1834.5	1802.7	1789.6	1780.2	1764.3	1776.5	1789.6
20°	1852.3	1813.0	1791.5	1776.5	1755.0	1766.2	1775.6
22.5°	1860.7	1822.4	1793.3	1770.9	1743.7	1749.3	1759.6
25°	1849.5	1818.6	1789.6	1762.5	1729.7	1730.6	1739.1
27.5°	1808.3	1799.9	1781.2	1754.0	1718.5	1713.8	1720.3
30°	1738.1	1761.5	1762.5	1742.8	1705.4	1696.0	1698.8
32.5°	1639.8	1692.3	1723.1	1719.4	1686.6	1673.5	1675.4
35°	1526.6	1592.1	1659.5	1682.0	1658.6	1648.3	1644.5
37.5°	1390.9	1478.8	1568.7	1623.9	1620.2	1613.6	1609.9
40°	1241.1	1346.9	1453.6	1541.6	1568.7	1568.7	1570.6
42.5°	1081.1	1204.6	1321.6	1433.0	1496.6	1510.7	1516.3
45°	926.6	1051.1	1178.4	1306.6	1391.8	1435.8	1451.7
47.5°	786.2	911.6	1032.4	1172.8	1286.0	1343.1	1368.4
50°	666.4	760.0	887.3	1026.8	1150.3	1220.5	1270.1
52.5°	567.2	640.2	751.6	881.7	1006.2	1102.6	1148.4
55°	483.9	533.5	628.0	740.4	859.2	959.4	1012.7
57.5°	413.7	453.0	517.6	611.2	711.3	810.6	867.7
60°	351.9	379.1	423.1	497.0	582.2	667.4	722.6
62.5°	298.6	316.4	345.4	399.7	466.1	532.6	584.1
65°	257.4	264.9	280.8	314.5	365.0	415.6	459.6
67.5°	217.1	221.8	234.0	254.6	279.9	316.4	345.4
70°	187.2	187.2	188.1	200.3	213.4	236.8	257.4
72.5°	162.9	160.1	154.4	157.2	160.1	173.2	186.3
75°	143.2	136.7	127.3	123.5	121.7	123.5	131.0
77.5°	126.4	117.0	105.8	96.4	88.9	86.1	92.7
80°	112.3	101.1	88.0	75.8	63.6	57.1	59.9
82.5°	101.1	87.0	73.0	59.0	44.9	35.6	35.6
85°	88.9	75.8	60.8	45.9	31.8	19.7	17.8
87.5°	80.5	66.5	50.5	36.5	22.5	10.3	5.6
90°	72.1	58.0	43.1	29.0	15.9	4.7	0.0
92.5°	64.6	51.5	37.4	23.4	11.2	2.8	0.0
95°	58.0	45.9	31.8	19.7	9.4	1.9	0.9
97.5°	51.5	40.2	28.1	15.9	6.6	1.9	0.9
100°	46.8	35.6	24.3	13.1	5.6	0.9	0.9
102.5°	41.2	31.8	20.6	11.2	4.7	0.9	0.9
105°	36.5	28.1	17.8	9.4	3.7	0.9	0.9
107.5°	32.8	24.3	15.9	8.4	3.7	0.9	0.9
110°	29.0	21.5	14.0	7.5	2.8	0.9	0.9



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	26.2	18.7	12.2	6.6	1.9	0.9	0.9
115°	22.5	16.8	10.3	5.6	1.9	0.9	0.9
117.5°	19.7	14.0	9.4	4.7	1.9	0.9	0.9
120°	16.8	12.2	7.5	3.7	0.9	0.9	0.9
122.5°	15.0	10.3	6.6	3.7	0.9	0.9	0.9
125°	13.1	9.4	5.6	2.8	0.9	0.9	0.9
127.5°	11.2	7.5	4.7	1.9	0.9	0.9	0.9
130°	9.4	6.6	3.7	1.9	0.9	0.9	0.9
132.5°	7.5	5.6	3.7	1.9	0.9	0.9	0.9
135°	6.6	4.7	2.8	1.9	0.9	0.9	0.9
137.5°	5.6	3.7	1.9	1.9	1.9	0.9	0.9
140°	4.7	2.8	1.9	1.9	1.9	1.9	0.9
142.5°	3.7	2.8	1.9	1.9	1.9	1.9	0.9
145°	2.8	1.9	1.9	1.9	1.9	1.9	0.9
147.5°	2.8	1.9	1.9	1.9	1.9	1.9	0.9
150°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9
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)