

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: P290191

Luminaire Tested: **4SSRK-LC-40-L950-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: P290191  
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-L950-CD1-U  
Description: 4000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3892.1 lumens  
Efficiency: N/A  
Efficacy: 140.5 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

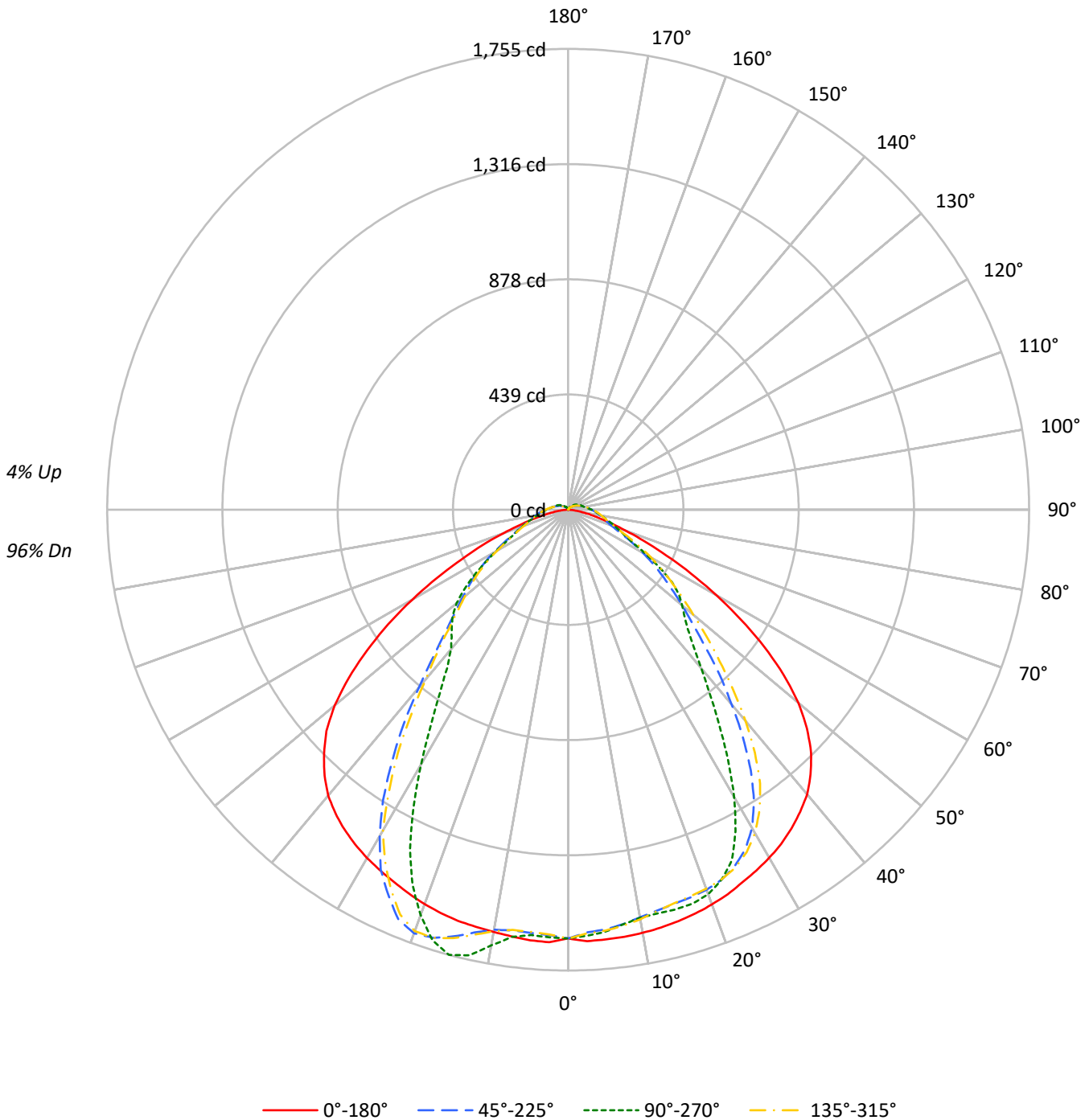
Input Watts (W): 27.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 4SSRK-LC-40-L950-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°	105445	105445	105445	105445
5°	106115	77477	106335	78082
10°	106505	60676	106290	64795
15°	107232	50867	107179	56634
20°	108308	43615	108193	45974
25°	109528	36662	109465	35426
30°	111462	28485	111527	25236
35°	113507	20816	113829	17615
40°	115273	15227	115753	13415
45°	114686	11755	115274	11446
50°	109542	9873	111074	9654
55°	96974	8092	99387	7355
60°	78427	5634	82595	5166
65°	58091	3903	62580	3700
70°	39291	3029	44289	2895
75°	25504	2431	29693	2298
80°	16245	1986	19013	1828
85°	8031	1699	10591	1551



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	155.1	4.0
10°-20°	461.4	11.9
20°-30°	701.5	18.0
30°-40°	752.5	19.3
40°-50°	653.1	16.8
50°-60°	484.0	12.4
60°-70°	277.3	7.1
70°-80°	153.6	3.9
80°-90°	93.5	2.4
90°-100°	60.8	1.6
100°-110°	40.7	1.0
110°-120°	27.5	0.7
120°-130°	16.9	0.4
130°-140°	8.9	0.2
140°-150°	4.0	0.1
150°-160°	1.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1318.0	33.9
0°-40°	2070.6	53.2
0°-60°	3207.7	82.4
0°-90°	3732.1	95.9
90°-120°	129.0	3.3
90°-150°	158.8	4.1
90°-180°	160.0	4.1
0°-180°	3892.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1633	1633	1633	1633	1633	
5°	1643	1613	1646	1626	1643	157
15°	1622	1576	1621	1755	1622	459
25°	1567	1474	1566	1424	1567	724
35°	1482	1004	1486	849	1482	927
45°	1308	644	1315	627	1308	1001
55°	912	482	935	438	912	809
65°	414	245	446	232	414	417
75°	118	155	138	147	118	135
85°	16	107	21	98	16	21
90°	0	89	2	83	0	1
95°	1	73	0	70	1	1
105°	1	55	1	52	1	1
115°	1	45	1	40	1	1
125°	1	34	1	28	1	1
135°	1	21	1	18	1	1
145°	1	13	2	10	1	1
155°	2	6	2	5	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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1644.5	1640.3	1638.6	1635.2	1637.7	1647.8	1641.1	1630.1	1631.0	1611.6	1621.7
5°	1642.8	1637.7	1635.2	1631.8	1633.5	1642.8	1636.0	1625.1	1624.2	1604.8	1614.1
7.5°	1640.3	1635.2	1631.0	1628.4	1629.3	1636.9	1628.4	1615.8	1613.3	1592.2	1600.6
10°	1636.0	1632.7	1626.8	1622.5	1621.7	1630.1	1616.6	1604.0	1598.1	1576.2	1584.6
12.5°	1630.1	1625.1	1619.2	1611.6	1610.7	1615.8	1604.8	1587.1	1581.2	1563.5	1572.8
15°	1621.7	1615.8	1609.1	1600.6	1596.4	1599.8	1586.3	1570.3	1569.4	1554.2	1566.9
17.5°	1612.4	1604.0	1596.4	1584.6	1578.7	1581.2	1570.3	1555.9	1557.6	1548.3	1562.7
20°	1599.8	1590.5	1578.7	1566.9	1558.5	1562.7	1555.1	1544.1	1546.6	1539.9	1552.5
22.5°	1585.4	1572.8	1558.5	1545.0	1538.2	1544.1	1538.2	1528.9	1529.8	1525.6	1533.2
25°	1566.9	1552.5	1535.7	1518.8	1515.4	1519.7	1516.3	1508.7	1505.3	1498.6	1501.9
27.5°	1550.0	1534.0	1512.9	1495.2	1489.3	1497.7	1490.1	1477.5	1468.2	1458.9	1452.2
30°	1530.6	1511.2	1487.6	1467.4	1462.3	1465.7	1454.7	1435.3	1410.9	1399.1	1380.5
32.5°	1509.5	1484.2	1454.7	1432.0	1428.6	1426.1	1405.8	1378.0	1340.0	1316.4	1287.7
35°	1481.7	1453.9	1418.5	1390.6	1385.6	1371.2	1338.3	1301.2	1252.3	1211.8	1162.9
37.5°	1450.5	1417.6	1380.5	1343.4	1329.1	1300.4	1254.0	1215.2	1141.0	1092.1	1033.1
40°	1415.1	1375.5	1329.9	1285.2	1261.6	1215.2	1162.1	1104.7	1033.1	967.3	917.5
42.5°	1366.2	1324.0	1270.0	1220.3	1179.8	1118.2	1055.8	974.9	909.1	853.4	802.8
45°	1308.0	1257.4	1195.0	1135.1	1083.7	1010.3	936.9	856.0	801.2	736.2	701.6
47.5°	1232.9	1178.1	1111.5	1044.9	977.4	896.4	819.7	742.1	687.3	640.9	615.6
50°	1144.4	1093.8	1020.4	941.1	866.9	782.6	705.9	647.7	594.5	565.9	546.5
52.5°	1034.8	987.5	912.5	826.5	754.8	672.1	602.1	554.9	517.0	495.9	489.1
55°	912.5	871.1	796.9	716.8	643.5	567.6	514.4	473.1	448.6	436.0	436.8
57.5°	781.8	749.7	679.7	608.0	538.9	481.5	433.5	400.6	382.0	381.2	383.7
60°	651.0	627.4	566.7	505.1	444.4	398.0	362.6	339.9	328.1	328.9	328.1
62.5°	526.2	504.3	460.5	409.9	361.8	330.6	298.5	289.3	279.1	278.3	278.3
65°	414.1	397.2	361.8	325.5	289.3	269.0	253.0	242.0	234.4	232.8	233.6
67.5°	311.2	304.4	280.0	255.5	232.8	220.1	206.6	204.1	198.2	198.2	199.9
70°	231.9	226.9	213.4	199.0	189.7	181.3	174.6	174.6	173.7	172.9	177.1
72.5°	167.8	168.7	164.4	153.5	152.6	151.0	149.3	151.8	152.6	155.2	160.2
75°	118.1	120.6	120.6	118.9	122.3	126.5	129.0	133.2	138.3	141.7	147.6
77.5°	83.5	83.5	87.7	92.8	99.5	107.1	113.8	119.8	126.5	130.7	135.8
80°	54.0	56.5	63.2	72.5	81.8	91.9	101.2	108.8	115.5	122.3	125.7
82.5°	32.0	36.3	44.7	56.5	68.3	81.0	90.2	99.5	107.1	113.8	116.4
85°	16.0	21.9	32.0	44.7	57.3	70.8	82.6	91.1	99.5	105.4	108.8
87.5°	5.1	11.8	22.8	34.6	48.1	61.6	74.2	83.5	91.1	96.1	99.5
90°	0.0	5.9	16.0	28.7	41.3	54.8	66.6	76.7	84.3	88.5	91.1
92.5°	0.0	3.4	12.6	23.6	35.4	48.9	60.7	70.0	76.7	81.0	82.6
95°	0.8	2.5	9.3	19.4	31.2	43.9	54.8	63.2	70.0	74.2	75.1
97.5°	0.8	1.7	7.6	16.0	27.0	38.8	49.8	58.2	63.2	67.5	68.3
100°	0.8	1.7	5.9	14.3	23.6	34.6	44.7	52.3	58.2	61.6	62.4
102.5°	0.8	0.8	5.1	11.8	21.1	30.4	39.6	47.2	52.3	55.7	57.3
105°	0.8	0.8	4.2	10.1	18.6	27.0	35.4	43.0	47.2	50.6	52.3
107.5°	0.8	0.8	3.4	8.4	16.0	23.6	32.0	37.9	43.0	46.4	48.1
110°	0.8	0.8	2.5	7.6	13.5	21.1	27.8	33.7	38.8	42.2	43.9



TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.8	0.8	2.5	6.7	11.8	18.6	24.5	30.4	34.6	37.9	40.5
115°	0.8	0.8	2.5	5.9	11.0	16.0	21.9	27.0	31.2	34.6	37.1
117.5°	0.8	0.8	2.5	5.1	9.3	14.3	19.4	24.5	27.8	31.2	33.7
120°	0.8	0.8	1.7	4.2	8.4	12.6	16.9	21.1	25.3	28.7	31.2
122.5°	0.8	0.8	1.7	4.2	6.7	11.0	15.2	18.6	22.8	25.3	27.8
125°	0.8	0.8	1.7	3.4	5.9	10.1	13.5	16.9	19.4	22.8	25.3
127.5°	0.8	0.8	1.7	3.4	5.1	8.4	11.8	15.2	17.7	20.2	21.9
130°	0.8	0.8	1.7	2.5	4.2	6.7	10.1	12.6	16.0	17.7	19.4
132.5°	0.8	0.8	0.8	2.5	3.4	5.1	7.6	11.0	13.5	16.0	16.9
135°	0.8	0.8	0.8	1.7	3.4	4.2	5.9	8.4	11.0	13.5	15.2
137.5°	0.8	0.8	0.8	1.7	2.5	4.2	5.1	6.7	9.3	11.0	13.5
140°	0.8	0.8	0.8	1.7	2.5	3.4	4.2	5.9	7.6	9.3	11.0
142.5°	0.8	0.8	0.8	1.7	1.7	2.5	3.4	5.1	5.9	7.6	9.3
145°	0.8	0.8	0.8	1.7	1.7	2.5	3.4	4.2	5.1	5.9	7.6
147.5°	0.8	0.8	0.8	1.7	1.7	1.7	2.5	3.4	4.2	5.1	5.9
150°	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	3.4	4.2	5.1
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	2.5	3.4	4.2
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5	3.4	3.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1618.3	1620.0	1630.1	1629.3	1627.6	1625.9	1625.9	1624.2	1625.9	1630.1	1628.4
5°	1609.9	1612.4	1620.0	1619.2	1617.5	1616.6	1615.8	1613.3	1615.0	1620.9	1619.2
7.5°	1594.7	1597.2	1604.0	1600.6	1598.1	1599.8	1595.6	1593.0	1596.4	1602.3	1601.5
10°	1578.7	1580.4	1588.8	1587.1	1582.9	1583.8	1579.5	1577.8	1582.1	1585.4	1586.3
12.5°	1567.7	1573.6	1581.2	1580.4	1579.5	1580.4	1576.2	1574.5	1577.0	1580.4	1579.5
15°	1565.2	1572.8	1581.2	1581.2	1582.1	1582.9	1578.7	1576.2	1578.7	1581.2	1580.4
17.5°	1562.7	1571.9	1579.5	1578.7	1579.5	1581.2	1574.5	1572.8	1576.2	1579.5	1577.8
20°	1554.2	1562.7	1567.7	1566.0	1566.0	1566.9	1558.5	1558.5	1563.5	1566.0	1566.9
22.5°	1530.6	1540.7	1540.7	1536.5	1536.5	1533.2	1530.6	1525.6	1531.5	1535.7	1539.1
25°	1495.2	1499.4	1494.4	1485.1	1480.0	1475.8	1464.0	1474.1	1474.1	1486.8	1491.0
27.5°	1445.4	1436.2	1421.8	1402.4	1398.2	1384.7	1377.1	1379.7	1383.9	1401.6	1415.1
30°	1363.6	1335.8	1311.4	1302.9	1284.4	1270.9	1257.4	1264.1	1271.7	1281.8	1309.7
32.5°	1255.7	1228.7	1189.1	1174.7	1155.3	1138.5	1122.5	1132.6	1146.1	1152.8	1183.2
35°	1131.7	1099.7	1063.4	1039.0	1018.7	1009.5	989.2	1003.5	1017.9	1022.9	1049.1
37.5°	1000.2	967.3	935.2	914.2	894.8	888.9	875.4	885.5	896.4	904.0	926.0
40°	875.4	845.0	820.5	806.2	792.7	787.7	782.6	786.8	795.2	801.2	818.0
42.5°	768.3	743.8	726.9	718.5	709.2	702.5	703.3	705.0	709.2	721.9	729.5
45°	674.7	660.3	649.4	647.7	641.8	640.9	640.1	643.5	646.0	653.6	659.5
47.5°	599.6	593.7	591.2	594.5	597.1	593.7	595.4	599.6	604.7	604.7	603.8
50°	540.6	542.3	545.6	553.2	558.3	560.0	561.6	566.7	567.6	569.2	566.7
52.5°	492.5	494.2	503.5	515.3	521.2	523.7	527.1	532.1	532.1	533.8	530.4
55°	443.6	446.1	455.4	467.2	472.3	475.6	479.0	482.4	484.9	488.3	485.8
57.5°	389.6	397.2	403.1	406.5	409.9	412.4	414.9	415.8	420.8	421.7	425.9
60°	332.3	334.0	339.9	339.0	336.5	343.2	339.9	345.8	351.7	359.3	360.1
62.5°	277.5	278.3	282.5	280.8	284.2	283.4	285.9	285.9	290.1	293.5	297.7
65°	234.4	235.3	238.7	238.7	237.8	240.3	242.9	244.6	244.6	247.1	250.5
67.5°	202.4	204.9	208.3	210.0	211.7	211.7	214.2	215.0	216.7	217.6	219.3
70°	180.5	183.8	187.2	188.9	189.7	191.4	192.3	192.3	194.0	194.8	196.5
72.5°	164.4	167.8	170.4	170.4	172.0	172.9	172.9	173.7	174.6	176.3	177.9
75°	151.0	153.5	155.2	154.3	154.3	154.3	155.2	155.2	156.9	158.5	160.2
77.5°	138.3	140.8	140.8	139.1	139.1	139.1	139.1	140.0	140.8	142.5	144.2
80°	129.0	129.0	128.2	128.2	126.5	125.7	125.7	126.5	126.5	128.2	130.7
82.5°	118.9	118.9	118.1	117.2	116.4	115.5	115.5	116.4	117.2	118.1	119.8
85°	109.6	109.6	107.9	107.9	107.1	107.1	107.1	107.1	107.9	108.8	110.5
87.5°	100.4	99.5	98.7	97.8	97.8	97.8	97.8	97.8	98.7	100.4	101.2
90°	91.1	90.2	89.4	89.4	88.5	88.5	89.4	89.4	90.2	91.1	91.9
92.5°	82.6	81.8	81.0	81.0	80.1	80.1	81.0	80.1	81.8	81.8	82.6
95°	75.1	74.2	73.4	73.4	73.4	73.4	73.4	73.4	74.2	74.2	75.1
97.5°	68.3	67.5	66.6	66.6	67.5	66.6	67.5	67.5	67.5	68.3	69.2
100°	62.4	61.6	61.6	62.4	61.6	61.6	62.4	62.4	62.4	62.4	63.2
102.5°	57.3	57.3	57.3	57.3	57.3	57.3	58.2	58.2	58.2	58.2	59.0
105°	52.3	53.1	53.1	53.1	54.0	54.0	54.0	54.8	54.8	54.8	54.8
107.5°	48.9	49.8	49.8	50.6	50.6	51.4	51.4	51.4	51.4	52.3	52.3
110°	45.5	46.4	47.2	48.1	48.1	48.9	48.9	48.9	48.9	48.9	48.9





TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	42.2	43.0	43.9	45.5	46.4	46.4	46.4	46.4	47.2	47.2	46.4
115°	38.8	40.5	41.3	43.0	43.9	43.9	44.7	44.7	44.7	44.7	43.9
117.5°	35.4	37.9	38.8	40.5	41.3	41.3	42.2	42.2	42.2	42.2	41.3
120°	32.9	34.6	36.3	37.1	37.9	38.8	38.8	39.6	39.6	39.6	38.8
122.5°	30.4	32.0	33.7	34.6	35.4	36.3	36.3	36.3	36.3	36.3	36.3
125°	27.0	28.7	30.4	31.2	32.0	32.9	32.9	33.7	33.7	33.7	32.9
127.5°	24.5	26.1	27.0	28.7	29.5	29.5	30.4	30.4	30.4	30.4	29.5
130°	21.1	22.8	24.5	25.3	26.1	26.1	27.0	27.0	27.0	27.0	27.0
132.5°	18.6	20.2	21.1	22.8	22.8	23.6	23.6	24.5	24.5	24.5	23.6
135°	16.9	17.7	18.6	20.2	20.2	21.1	21.1	21.1	21.1	21.1	21.1
137.5°	15.2	16.0	16.9	17.7	17.7	18.6	18.6	18.6	18.6	19.4	18.6
140°	12.6	14.3	15.2	15.2	16.0	16.0	16.0	16.9	16.9	16.9	16.0
142.5°	11.0	11.8	12.6	13.5	14.3	14.3	14.3	14.3	15.2	14.3	14.3
145°	8.4	10.1	11.0	11.8	12.6	12.6	12.6	12.6	12.6	12.6	12.6
147.5°	6.7	7.6	9.3	10.1	10.1	11.0	11.0	11.0	11.0	11.0	11.0
150°	5.9	5.9	7.6	8.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3
152.5°	4.2	5.1	5.9	6.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6
155°	4.2	4.2	5.1	5.1	5.9	5.9	5.9	5.9	6.7	5.9	5.9
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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1625.9	1625.1	1628.4	1625.1	1608.2	1615.0	1612.4	1621.7	1622.5	1625.1	1633.5
5°	1617.5	1617.5	1621.7	1618.3	1602.3	1609.1	1608.2	1617.5	1619.2	1620.9	1630.1
7.5°	1600.6	1601.5	1607.4	1604.8	1588.0	1598.1	1597.2	1608.2	1611.6	1615.0	1623.4
10°	1584.6	1583.8	1590.5	1588.0	1571.9	1583.8	1582.9	1593.9	1598.9	1604.8	1615.0
12.5°	1576.2	1573.6	1576.2	1573.6	1555.9	1565.2	1566.0	1578.7	1584.6	1592.2	1604.0
15°	1576.2	1571.9	1571.9	1566.9	1546.6	1552.5	1553.4	1561.8	1569.4	1577.0	1591.3
17.5°	1574.5	1570.3	1569.4	1565.2	1543.3	1543.3	1542.4	1548.3	1552.5	1560.1	1575.3
20°	1565.2	1563.5	1562.7	1560.1	1539.9	1536.5	1534.8	1534.8	1537.4	1539.9	1555.1
22.5°	1540.7	1542.4	1544.1	1545.8	1529.8	1523.9	1524.7	1523.0	1520.5	1520.5	1533.2
25°	1495.2	1503.6	1510.4	1518.0	1508.7	1504.5	1509.5	1507.0	1502.8	1499.4	1510.4
27.5°	1422.7	1440.4	1454.7	1473.3	1474.1	1470.7	1484.2	1482.6	1481.7	1476.6	1485.1
30°	1322.3	1350.2	1369.5	1396.5	1419.3	1422.7	1445.4	1448.8	1452.2	1449.7	1458.1
32.5°	1200.9	1238.8	1271.7	1313.9	1335.8	1355.2	1387.3	1400.8	1414.2	1418.5	1427.7
35°	1068.5	1111.5	1150.3	1196.7	1231.2	1273.4	1312.2	1332.4	1362.8	1374.6	1388.1
37.5°	942.8	983.3	1021.3	1067.6	1123.3	1167.2	1215.2	1260.8	1302.1	1318.9	1339.2
40°	831.5	864.4	900.7	941.1	991.7	1049.1	1101.4	1164.6	1213.5	1247.3	1276.8
42.5°	747.2	763.2	794.4	830.7	871.1	929.3	982.5	1053.3	1112.3	1160.4	1209.3
45°	672.1	679.7	702.5	721.9	763.2	814.6	871.1	940.3	1001.9	1063.4	1122.5
47.5°	608.0	617.3	628.3	640.1	669.6	712.6	761.5	823.9	885.5	957.2	1024.6
50°	565.0	567.6	569.2	574.3	592.0	621.5	661.2	714.3	773.3	850.1	921.7
52.5°	527.1	527.1	522.0	519.5	526.2	544.8	567.6	605.5	666.2	737.1	813.0
55°	486.6	479.0	477.3	468.9	470.6	479.0	490.0	519.5	569.2	630.0	703.3
57.5°	430.1	426.7	426.7	423.3	416.6	420.8	423.3	444.4	479.8	532.1	596.2
60°	365.2	363.5	367.7	368.5	362.6	365.2	364.3	377.0	402.3	444.4	497.6
62.5°	300.2	307.8	308.7	312.0	308.7	307.8	312.0	323.0	335.6	367.7	409.0
65°	252.2	256.4	257.2	261.4	259.7	259.7	263.1	271.5	279.1	301.1	333.1
67.5°	220.9	219.3	220.1	222.6	220.1	219.3	221.8	226.9	232.8	246.2	269.0
70°	196.5	194.8	194.8	194.8	191.4	188.9	189.7	191.4	194.0	201.6	215.9
72.5°	177.9	177.9	175.4	172.9	170.4	168.7	167.0	165.3	164.4	167.0	174.6
75°	161.1	161.9	161.1	158.5	155.2	151.8	148.4	145.1	140.8	139.1	140.0
77.5°	145.9	146.7	147.6	146.7	143.4	139.1	134.1	129.0	123.1	117.2	113.8
80°	132.4	134.1	134.9	134.1	131.6	128.2	122.3	116.4	107.9	100.4	91.9
82.5°	120.6	123.1	124.0	124.0	122.3	118.9	112.2	105.4	96.1	86.0	75.1
85°	111.3	113.0	114.7	114.7	113.8	110.5	103.7	96.1	86.9	75.1	63.2
87.5°	102.0	102.9	104.6	106.3	104.6	101.2	95.3	86.9	77.6	65.8	52.3
90°	92.8	93.6	95.3	97.0	96.1	92.8	87.7	80.1	70.0	57.3	43.9
92.5°	83.5	85.2	86.0	86.9	87.7	85.2	81.0	73.4	63.2	50.6	37.9
95°	76.7	76.7	78.4	79.3	80.1	77.6	74.2	66.6	57.3	45.5	32.9
97.5°	70.0	70.0	71.7	71.7	72.5	70.8	67.5	60.7	51.4	40.5	27.8
100°	63.2	64.1	64.9	65.8	65.8	64.9	61.6	54.8	46.4	36.3	24.5
102.5°	59.0	59.0	59.9	59.9	60.7	59.0	55.7	49.8	41.3	32.0	21.1
105°	54.8	54.8	55.7	55.7	54.8	53.1	49.8	44.7	37.1	27.8	18.6
107.5°	51.4	51.4	51.4	51.4	50.6	48.9	45.5	39.6	32.9	25.3	16.9
110°	48.9	48.1	48.1	47.2	46.4	43.9	40.5	35.4	29.5	21.9	14.3



TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	46.4	45.5	44.7	43.9	42.2	39.6	36.3	32.0	26.1	19.4	12.6
115°	43.9	43.0	42.2	40.5	38.8	36.3	32.9	28.7	22.8	16.9	11.0
117.5°	41.3	40.5	38.8	37.1	35.4	32.9	29.5	25.3	20.2	15.2	10.1
120°	37.9	37.1	36.3	34.6	32.9	29.5	26.1	22.8	17.7	13.5	8.4
122.5°	35.4	34.6	32.9	32.0	29.5	27.0	23.6	20.2	16.0	11.8	7.6
125°	32.0	31.2	30.4	28.7	27.0	23.6	21.1	17.7	14.3	10.1	5.9
127.5°	29.5	28.7	27.0	25.3	23.6	21.1	18.6	16.0	12.6	8.4	5.9
130°	26.1	25.3	24.5	22.8	21.1	18.6	16.9	13.5	11.0	7.6	5.1
132.5°	22.8	22.8	21.9	20.2	18.6	16.9	14.3	11.8	9.3	6.7	4.2
135°	21.1	20.2	19.4	17.7	16.9	14.3	12.6	10.1	7.6	5.9	3.4
137.5°	18.6	17.7	16.9	16.0	14.3	12.6	11.0	8.4	6.7	5.1	3.4
140°	16.0	15.2	15.2	13.5	12.6	11.0	9.3	7.6	5.9	4.2	2.5
142.5°	14.3	13.5	12.6	11.8	11.0	9.3	7.6	5.9	5.1	3.4	2.5
145°	12.6	11.8	11.0	10.1	9.3	7.6	6.7	5.1	4.2	3.4	2.5
147.5°	10.1	10.1	9.3	8.4	7.6	6.7	5.9	5.1	3.4	2.5	1.7
150°	8.4	8.4	7.6	6.7	6.7	5.9	5.1	4.2	3.4	2.5	1.7
152.5°	7.6	6.7	6.7	5.9	5.9	5.1	4.2	3.4	2.5	2.5	1.7
155°	5.9	5.9	5.9	5.1	5.1	4.2	3.4	3.4	2.5	1.7	1.7
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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1635.2	1625.1	1633.5	1648.7	1647.0	1645.3	1643.6	1647.0	1658.0	1652.1	1642.8
5°	1632.7	1622.5	1631.8	1646.2	1645.3	1642.8	1641.1	1644.5	1655.4	1649.5	1639.4
7.5°	1627.6	1618.3	1625.1	1639.4	1639.4	1637.7	1636.0	1639.4	1649.5	1644.5	1634.4
10°	1619.2	1612.4	1619.2	1632.7	1633.5	1630.1	1628.4	1632.7	1642.8	1640.3	1631.8
12.5°	1612.4	1605.7	1613.3	1626.8	1627.6	1624.2	1621.7	1626.8	1640.3	1641.9	1639.4
15°	1603.1	1597.2	1606.5	1620.9	1620.9	1618.3	1618.3	1625.1	1643.6	1651.2	1655.4
17.5°	1589.7	1585.4	1596.4	1610.7	1611.6	1609.9	1610.7	1624.2	1648.7	1667.2	1679.0
20°	1572.8	1571.1	1582.9	1598.1	1600.6	1601.5	1605.7	1625.9	1659.6	1684.9	1696.8
22.5°	1552.5	1553.4	1566.9	1582.9	1586.3	1588.8	1597.2	1625.9	1668.1	1695.1	1700.1
25°	1529.8	1532.3	1546.6	1566.0	1570.3	1575.3	1589.7	1626.8	1670.6	1688.3	1679.9
27.5°	1505.3	1510.4	1528.9	1549.2	1554.2	1562.7	1581.2	1621.7	1658.8	1659.6	1628.4
30°	1480.0	1485.9	1507.9	1531.5	1539.9	1548.3	1571.1	1609.9	1630.1	1603.1	1548.3
32.5°	1451.4	1459.8	1481.7	1510.4	1520.5	1531.5	1554.2	1587.1	1579.5	1521.3	1442.9
35°	1415.1	1426.9	1452.2	1485.9	1495.2	1509.5	1525.6	1533.2	1499.4	1416.8	1328.2
37.5°	1370.4	1388.1	1417.6	1456.4	1466.5	1475.8	1480.0	1458.9	1391.5	1302.1	1210.2
40°	1318.9	1345.9	1378.0	1421.0	1431.1	1431.1	1415.9	1371.2	1286.1	1168.8	1066.8
42.5°	1256.5	1289.4	1329.9	1372.9	1383.0	1371.2	1335.0	1256.5	1159.6	1028.8	920.9
45°	1180.6	1224.5	1270.0	1314.7	1319.8	1293.6	1228.7	1129.2	1009.5	888.0	785.1
47.5°	1090.4	1147.8	1197.5	1248.1	1241.4	1197.5	1110.6	997.6	871.1	756.5	673.8
50°	989.2	1056.7	1112.3	1160.4	1146.1	1085.4	983.3	865.2	739.6	641.8	573.5
52.5°	881.3	958.9	1014.5	1053.3	1033.9	961.4	849.2	736.2	633.3	543.9	498.4
55°	769.1	847.5	904.9	935.2	909.9	831.5	721.0	618.2	521.2	463.0	436.0
57.5°	660.3	733.7	787.7	812.1	780.1	701.6	599.6	512.7	442.7	393.8	380.3
60°	555.7	615.6	667.1	685.6	651.0	578.5	490.8	421.7	370.2	336.5	329.7
62.5°	458.8	507.7	548.2	562.5	528.8	472.3	396.4	344.9	308.7	291.8	283.4
65°	378.6	407.3	448.6	446.1	425.9	373.6	317.9	281.7	258.1	247.1	242.0
67.5°	297.7	323.8	350.0	353.4	328.1	291.8	255.5	229.4	216.7	210.8	208.3
70°	230.2	249.6	265.6	261.4	247.9	225.2	202.4	188.1	183.0	180.5	180.5
72.5°	178.8	188.9	196.5	191.4	183.0	171.2	160.2	154.3	155.2	156.9	158.5
75°	138.3	140.8	142.5	137.5	135.8	128.2	127.3	128.2	133.2	138.3	140.8
77.5°	106.3	102.9	100.4	95.3	96.1	95.3	99.5	106.3	113.8	121.4	128.2
80°	81.8	74.2	68.3	63.2	65.8	70.0	78.4	88.5	98.7	107.1	115.5
82.5°	63.2	52.3	43.9	38.8	43.9	50.6	61.6	74.2	86.0	95.3	104.6
85°	48.9	36.3	26.1	21.1	26.1	36.3	48.1	62.4	75.1	85.2	94.5
87.5°	37.9	26.1	14.3	8.4	14.3	25.3	38.8	52.3	64.9	76.7	86.0
90°	30.4	17.7	6.7	1.7	7.6	17.7	30.4	43.9	56.5	69.2	78.4
92.5°	24.5	12.6	3.4	0.0	4.2	13.5	25.3	37.9	50.6	62.4	71.7
95°	20.2	10.1	2.5	0.0	3.4	10.1	20.2	32.9	44.7	56.5	64.1
97.5°	16.9	7.6	1.7	0.0	1.7	8.4	16.9	27.8	39.6	50.6	58.2
100°	14.3	6.7	1.7	0.0	1.7	6.7	14.3	24.5	34.6	44.7	52.3
102.5°	11.8	5.1	0.8	0.8	0.8	5.1	12.6	21.1	30.4	39.6	47.2
105°	11.0	4.2	0.8	0.8	0.8	4.2	11.0	18.6	27.0	35.4	42.2
107.5°	9.3	3.4	0.8	0.8	0.8	3.4	9.3	16.0	24.5	32.0	37.9
110°	7.6	3.4	0.8	0.8	0.8	3.4	7.6	14.3	21.1	27.8	33.7



TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.7	2.5	0.8	0.8	0.8	2.5	6.7	12.6	18.6	25.3	30.4
115°	5.9	2.5	0.8	0.8	0.8	2.5	5.9	11.0	16.0	21.9	27.0
117.5°	5.1	2.5	0.8	0.8	0.8	1.7	5.1	9.3	14.3	19.4	24.5
120°	4.2	1.7	0.8	0.8	0.8	1.7	4.2	8.4	12.6	16.9	21.1
122.5°	4.2	1.7	0.8	0.8	0.8	1.7	3.4	6.7	11.0	14.3	18.6
125°	3.4	1.7	0.8	0.8	0.8	0.8	3.4	5.9	9.3	12.6	16.0
127.5°	3.4	1.7	0.8	0.8	0.8	0.8	2.5	5.1	7.6	11.0	14.3
130°	2.5	1.7	0.8	0.8	0.8	0.8	1.7	4.2	6.7	9.3	11.8
132.5°	2.5	1.7	0.8	0.8	0.8	0.8	1.7	3.4	5.1	7.6	10.1
135°	2.5	0.8	0.8	0.8	0.8	0.8	0.8	2.5	4.2	5.9	7.6
137.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	1.7	3.4	4.2	6.7
140°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.4	5.1
142.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	4.2
145°	1.7	0.8	0.8	1.7	1.7	0.8	0.8	1.7	1.7	2.5	3.4
147.5°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7	2.5
150°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1641.1	1621.7	1631.8	1628.4	1631.8	1640.3	1639.4	1636.9	1638.6	1634.4	1630.1
5°	1637.7	1618.3	1628.4	1624.2	1628.4	1636.9	1635.2	1632.7	1635.2	1630.1	1625.9
7.5°	1633.5	1615.8	1627.6	1626.8	1634.4	1645.3	1646.2	1646.2	1652.1	1644.5	1641.1
10°	1633.5	1624.2	1640.3	1646.2	1665.6	1679.9	1681.6	1684.9	1695.1	1693.4	1684.9
12.5°	1651.2	1649.5	1673.1	1687.5	1705.2	1725.4	1736.4	1739.8	1746.5	1741.5	1738.1
15°	1674.0	1682.4	1708.6	1724.6	1744.0	1759.2	1761.7	1763.4	1768.4	1760.8	1754.9
17.5°	1704.3	1709.4	1730.5	1737.2	1749.9	1752.4	1749.0	1740.6	1740.6	1723.7	1718.7
20°	1718.7	1716.2	1724.6	1713.6	1708.6	1693.4	1679.0	1663.0	1662.2	1644.5	1642.8
22.5°	1706.0	1689.2	1671.5	1644.5	1632.7	1610.7	1591.3	1582.1	1576.2	1553.4	1547.5
25°	1661.3	1620.0	1593.9	1561.8	1533.2	1507.9	1489.3	1469.9	1451.4	1432.8	1424.4
27.5°	1583.8	1545.0	1502.8	1458.1	1418.5	1379.7	1348.5	1329.1	1311.4	1286.9	1274.3
30°	1488.5	1434.5	1388.1	1345.1	1280.2	1232.9	1206.8	1168.0	1154.5	1143.5	1119.9
32.5°	1376.3	1311.4	1248.1	1189.9	1123.3	1079.4	1044.9	1016.2	1007.8	979.1	972.3
35°	1252.3	1167.2	1095.5	1038.1	990.1	936.9	908.3	888.9	872.0	852.6	849.2
37.5°	1106.4	1029.7	948.7	898.1	860.2	814.6	792.7	779.2	771.6	757.3	754.8
40°	959.7	883.0	827.3	776.7	753.1	728.6	712.6	706.7	703.3	698.3	693.2
42.5°	826.5	759.0	719.4	685.6	675.5	663.7	659.5	662.8	659.5	657.8	656.9
45°	713.4	662.0	634.2	624.1	621.5	618.2	621.5	627.4	628.3	626.6	626.6
47.5°	610.6	586.1	574.3	576.0	580.2	582.7	588.6	596.2	597.9	593.7	595.4
50°	543.1	528.8	526.2	533.0	542.3	545.6	552.4	558.3	557.4	555.7	554.1
52.5°	479.8	475.6	482.4	489.1	499.2	500.9	503.5	506.0	505.1	501.8	500.1
55°	426.7	430.1	436.0	438.5	446.1	445.3	446.1	446.1	442.7	441.1	438.5
57.5°	378.6	379.5	382.9	383.7	387.9	386.2	385.4	383.7	378.6	377.8	375.3
60°	329.7	328.1	335.6	329.7	333.1	329.7	328.9	324.7	319.6	318.8	317.1
62.5°	283.4	280.0	285.0	282.5	284.2	280.8	279.1	274.1	269.9	269.0	268.2
65°	242.0	240.3	245.4	244.6	246.2	242.0	240.3	237.0	233.6	232.8	231.9
67.5°	207.5	211.7	214.2	214.2	215.9	215.0	210.8	210.0	209.1	205.8	205.8
70°	182.2	184.7	189.7	190.6	189.7	191.4	188.1	187.2	186.4	184.7	183.8
72.5°	161.9	165.3	170.4	171.2	170.4	170.4	168.7	167.8	167.8	165.3	165.3
75°	145.9	150.1	154.3	154.3	154.3	152.6	151.0	151.0	149.3	148.4	146.7
77.5°	132.4	137.5	140.8	140.0	139.1	137.5	137.5	134.9	132.4	132.4	130.7
80°	122.3	125.7	128.2	127.3	126.5	124.0	123.1	120.6	118.9	116.4	116.4
82.5°	111.3	115.5	117.2	116.4	114.7	112.2	111.3	109.6	107.9	107.1	105.4
85°	102.0	106.3	107.1	105.4	103.7	102.0	101.2	100.4	99.5	97.8	97.8
87.5°	92.8	97.0	97.0	96.1	94.5	93.6	92.8	91.9	91.1	90.2	89.4
90°	85.2	88.5	88.5	87.7	86.9	86.0	85.2	84.3	83.5	82.6	82.6
92.5°	77.6	81.0	81.0	80.1	79.3	78.4	78.4	77.6	76.7	75.9	75.1
95°	70.8	74.2	74.2	74.2	73.4	72.5	72.5	71.7	70.8	70.8	70.0
97.5°	64.1	67.5	67.5	67.5	66.6	65.8	65.8	64.9	64.9	64.9	64.1
100°	58.2	60.7	61.6	61.6	60.7	60.7	60.7	59.9	59.9	59.9	59.0
102.5°	52.3	54.8	56.5	56.5	56.5	55.7	55.7	55.7	55.7	55.7	54.8
105°	47.2	49.8	51.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
107.5°	43.0	45.5	47.2	48.1	48.9	48.9	49.8	49.8	49.8	49.8	49.8
110°	38.8	41.3	43.9	44.7	45.5	46.4	46.4	47.2	46.4	46.4	46.4



TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	34.6	37.9	39.6	41.3	42.2	43.0	43.9	43.9	43.9	43.9	43.9
115°	31.2	34.6	36.3	37.9	39.6	40.5	40.5	41.3	41.3	41.3	40.5
117.5°	27.8	31.2	32.9	34.6	35.4	37.1	37.9	37.9	37.9	37.9	37.1
120°	25.3	27.8	29.5	31.2	32.9	33.7	34.6	34.6	34.6	34.6	34.6
122.5°	21.9	24.5	27.0	28.7	29.5	30.4	31.2	31.2	31.2	31.2	31.2
125°	19.4	21.9	23.6	25.3	26.1	27.8	27.8	27.8	27.8	27.8	27.8
127.5°	16.9	19.4	21.1	22.8	23.6	24.5	25.3	25.3	25.3	25.3	25.3
130°	14.3	16.9	18.6	20.2	21.1	21.9	21.9	22.8	22.8	22.8	22.8
132.5°	12.6	14.3	16.0	17.7	18.6	19.4	19.4	20.2	20.2	20.2	20.2
135°	10.1	12.6	13.5	15.2	16.0	16.9	16.9	17.7	17.7	17.7	17.7
137.5°	8.4	10.1	11.8	13.5	14.3	14.3	15.2	15.2	16.0	16.0	16.0
140°	6.7	7.6	10.1	11.0	11.8	12.6	13.5	13.5	13.5	13.5	13.5
142.5°	5.1	6.7	7.6	9.3	10.1	11.0	11.8	11.8	11.8	11.8	11.8
145°	4.2	5.1	5.9	7.6	8.4	9.3	10.1	10.1	10.1	10.1	10.1
147.5°	3.4	4.2	5.1	5.9	6.7	7.6	8.4	8.4	8.4	8.4	8.4
150°	2.5	3.4	4.2	4.2	5.1	5.9	6.7	7.6	7.6	7.6	7.6
152.5°	2.5	2.5	3.4	3.4	4.2	5.1	5.9	5.9	5.9	5.9	5.9
155°	1.7	2.5	2.5	2.5	3.4	3.4	4.2	5.1	5.1	5.1	5.1
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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1632.7	1636.0	1634.4	1631.8	1631.0	1635.2	1631.0	1611.6	1619.2	1620.0	1625.9
5°	1630.1	1632.7	1631.0	1629.3	1626.8	1631.8	1626.8	1606.5	1614.1	1615.0	1620.9
7.5°	1647.0	1647.8	1647.8	1643.6	1636.9	1639.4	1632.7	1609.9	1614.1	1614.1	1618.3
10°	1689.2	1690.9	1693.4	1682.4	1674.0	1667.2	1658.0	1630.1	1629.3	1622.5	1622.5
12.5°	1744.0	1739.8	1735.5	1730.5	1723.7	1715.3	1701.8	1668.9	1658.0	1647.0	1636.0
15°	1760.0	1758.3	1757.5	1754.9	1750.7	1748.2	1738.1	1705.2	1689.2	1675.7	1656.3
17.5°	1717.8	1721.2	1732.2	1733.0	1738.1	1748.2	1746.5	1723.7	1709.4	1703.5	1679.9
20°	1641.9	1642.8	1656.3	1662.2	1684.1	1701.0	1713.6	1711.1	1707.7	1714.5	1696.8
22.5°	1550.9	1556.8	1571.1	1580.4	1601.5	1620.9	1641.1	1652.1	1669.8	1697.6	1694.2
25°	1426.9	1434.5	1454.7	1469.9	1499.4	1528.9	1555.9	1575.3	1596.4	1649.5	1667.2
27.5°	1278.5	1290.3	1316.4	1331.6	1372.9	1403.3	1442.1	1480.0	1509.5	1570.3	1606.5
30°	1122.5	1132.6	1160.4	1181.5	1216.9	1258.2	1307.1	1361.1	1410.0	1471.6	1517.1
32.5°	976.6	987.5	1010.3	1028.8	1068.5	1103.1	1157.0	1223.7	1269.2	1354.4	1415.1
35°	849.2	859.3	875.4	891.4	924.3	959.7	1006.1	1071.0	1129.2	1217.8	1294.5
37.5°	759.8	761.5	770.8	780.1	804.5	831.5	867.8	925.1	979.1	1074.4	1158.7
40°	695.7	695.7	700.8	703.3	714.3	730.3	753.1	797.8	842.5	915.0	1017.9
42.5°	656.1	654.4	654.4	655.3	654.4	662.0	675.5	696.6	736.2	796.1	876.2
45°	626.6	623.2	620.7	614.8	611.4	611.4	612.2	619.8	642.6	681.4	746.3
47.5°	593.7	592.9	588.6	581.9	576.0	571.8	565.0	562.5	569.2	591.2	635.0
50°	555.7	551.5	547.3	542.3	535.5	531.3	518.6	519.5	513.6	523.7	546.5
52.5°	500.1	496.7	495.0	490.8	488.3	486.6	476.5	466.4	463.8	465.5	473.9
55°	438.5	440.2	433.5	436.8	436.0	428.4	424.2	416.6	414.1	413.2	417.4
57.5°	374.4	376.1	371.9	375.3	375.3	371.1	368.5	368.5	362.6	357.6	363.5
60°	316.2	312.9	315.4	319.6	319.6	317.1	315.4	315.4	311.2	309.5	313.7
62.5°	269.0	265.6	268.2	272.4	273.2	271.5	269.9	269.9	264.8	264.8	268.2
65°	232.8	233.6	232.8	236.1	236.1	237.0	235.3	233.6	227.7	230.2	229.4
67.5°	206.6	205.8	205.8	209.1	208.3	210.0	208.3	205.8	201.6	198.2	197.3
70°	184.7	183.8	183.8	185.5	186.4	186.4	185.5	183.8	177.9	174.6	172.0
72.5°	165.3	164.4	165.3	166.1	167.0	167.8	167.0	165.3	160.2	156.0	151.8
75°	147.6	146.7	149.3	149.3	150.1	150.1	151.0	150.1	145.9	140.8	135.8
77.5°	129.9	130.7	133.2	134.1	135.8	136.6	137.5	137.5	133.2	129.0	122.3
80°	115.5	117.2	118.9	119.8	121.4	124.0	124.8	125.7	122.3	118.1	110.5
82.5°	105.4	106.3	107.9	108.8	111.3	112.2	113.0	114.7	113.0	108.8	100.4
85°	97.0	97.8	99.5	99.5	101.2	102.9	103.7	104.6	103.7	99.5	91.1
87.5°	89.4	90.2	91.1	91.9	92.8	93.6	94.5	95.3	94.5	90.2	82.6
90°	82.6	82.6	83.5	83.5	84.3	85.2	86.9	86.9	86.0	82.6	75.1
92.5°	75.1	75.9	75.9	76.7	77.6	78.4	79.3	79.3	78.4	75.1	68.3
95°	70.0	70.0	70.8	70.8	71.7	71.7	72.5	72.5	71.7	68.3	61.6
97.5°	64.1	64.1	64.1	64.1	64.9	64.9	65.8	65.8	64.9	61.6	55.7
100°	59.0	59.0	59.0	59.0	59.0	59.9	59.9	59.9	59.0	55.7	49.8
102.5°	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	53.1	50.6	44.7
105°	52.3	52.3	52.3	51.4	51.4	51.4	50.6	50.6	48.1	45.5	40.5
107.5°	48.9	48.9	48.9	48.1	48.1	47.2	46.4	46.4	43.9	41.3	36.3
110°	46.4	46.4	46.4	45.5	44.7	43.9	43.0	42.2	39.6	36.3	32.0





TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	43.9	43.9	43.0	43.0	42.2	41.3	39.6	38.8	36.3	32.9	28.7
115°	40.5	40.5	40.5	39.6	38.8	37.9	37.1	35.4	32.9	29.5	25.3
117.5°	37.1	37.1	37.1	36.3	35.4	34.6	33.7	32.0	29.5	26.1	22.8
120°	33.7	33.7	33.7	32.9	32.0	31.2	30.4	28.7	26.1	23.6	19.4
122.5°	31.2	31.2	30.4	29.5	28.7	27.8	27.0	25.3	23.6	20.2	16.9
125°	27.8	27.8	27.0	27.0	26.1	25.3	24.5	22.8	20.2	17.7	15.2
127.5°	25.3	24.5	24.5	24.5	23.6	22.8	21.1	20.2	17.7	15.2	12.6
130°	21.9	21.9	21.9	21.1	21.1	20.2	18.6	16.9	15.2	13.5	11.0
132.5°	19.4	19.4	19.4	19.4	18.6	17.7	16.0	15.2	13.5	11.0	9.3
135°	17.7	17.7	16.9	16.9	16.0	15.2	14.3	12.6	11.0	9.3	7.6
137.5°	15.2	15.2	15.2	14.3	14.3	13.5	11.8	11.0	10.1	8.4	6.7
140°	13.5	13.5	12.6	12.6	11.8	11.8	11.0	9.3	8.4	6.7	5.9
142.5°	11.8	11.8	11.0	11.0	10.1	10.1	9.3	8.4	6.7	5.9	4.2
145°	10.1	10.1	9.3	9.3	9.3	8.4	7.6	6.7	5.9	5.1	4.2
147.5°	8.4	8.4	8.4	7.6	7.6	6.7	6.7	5.9	5.1	4.2	3.4
150°	7.6	7.6	6.7	6.7	6.7	5.9	5.1	5.1	4.2	3.4	2.5
152.5°	5.9	5.9	5.9	5.9	5.1	5.1	4.2	4.2	3.4	2.5	2.5
155°	5.1	5.1	5.1	4.2	4.2	4.2	3.4	3.4	2.5	2.5	1.7
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: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7	1632.7
2.5°	1623.4	1622.5	1630.1	1629.3	1619.2	1634.4	1644.5
5°	1619.2	1618.3	1625.1	1626.8	1615.8	1631.8	1642.8
7.5°	1615.8	1615.0	1622.5	1625.1	1614.1	1628.4	1640.3
10°	1616.6	1612.4	1619.2	1620.9	1610.7	1625.9	1636.0
12.5°	1622.5	1612.4	1615.0	1615.0	1605.7	1619.2	1630.1
15°	1636.9	1615.8	1612.4	1609.9	1598.1	1610.7	1621.7
17.5°	1652.9	1624.2	1612.4	1604.0	1589.7	1600.6	1612.4
20°	1668.9	1633.5	1614.1	1600.6	1581.2	1591.3	1599.8
22.5°	1676.5	1641.9	1615.8	1595.6	1571.1	1576.2	1585.4
25°	1666.4	1638.6	1612.4	1588.0	1558.5	1559.3	1566.9
27.5°	1629.3	1621.7	1604.8	1580.4	1548.3	1544.1	1550.0
30°	1566.0	1587.1	1588.0	1570.3	1536.5	1528.1	1530.6
32.5°	1477.5	1524.7	1552.5	1549.2	1519.7	1507.9	1509.5
35°	1375.5	1434.5	1495.2	1515.4	1494.4	1485.1	1481.7
37.5°	1253.2	1332.4	1413.4	1463.2	1459.8	1453.9	1450.5
40°	1118.2	1213.5	1309.7	1388.9	1413.4	1413.4	1415.1
42.5°	974.0	1085.4	1190.8	1291.1	1348.5	1361.1	1366.2
45°	834.9	947.0	1061.7	1177.3	1254.0	1293.6	1308.0
47.5°	708.4	821.4	930.2	1056.7	1158.7	1210.2	1232.9
50°	600.4	684.8	799.5	925.1	1036.4	1099.7	1144.4
52.5°	511.1	576.8	677.2	794.4	906.6	993.4	1034.8
55°	436.0	480.7	565.9	667.1	774.2	864.4	912.5
57.5°	372.7	408.2	466.4	550.7	640.9	730.3	781.8
60°	317.1	341.5	381.2	447.8	524.5	601.3	651.0
62.5°	269.0	285.0	311.2	360.1	420.0	479.8	526.2
65°	231.9	238.7	253.0	283.4	328.9	374.4	414.1
67.5°	195.6	199.9	210.8	229.4	252.2	285.0	311.2
70°	168.7	168.7	169.5	180.5	192.3	213.4	231.9
72.5°	146.7	144.2	139.1	141.7	144.2	156.0	167.8
75°	129.0	123.1	114.7	111.3	109.6	111.3	118.1
77.5°	113.8	105.4	95.3	86.9	80.1	77.6	83.5
80°	101.2	91.1	79.3	68.3	57.3	51.4	54.0
82.5°	91.1	78.4	65.8	53.1	40.5	32.0	32.0
85°	80.1	68.3	54.8	41.3	28.7	17.7	16.0
87.5°	72.5	59.9	45.5	32.9	20.2	9.3	5.1
90°	64.9	52.3	38.8	26.1	14.3	4.2	0.0
92.5°	58.2	46.4	33.7	21.1	10.1	2.5	0.0
95°	52.3	41.3	28.7	17.7	8.4	1.7	0.8
97.5°	46.4	36.3	25.3	14.3	5.9	1.7	0.8
100°	42.2	32.0	21.9	11.8	5.1	0.8	0.8
102.5°	37.1	28.7	18.6	10.1	4.2	0.8	0.8
105°	32.9	25.3	16.0	8.4	3.4	0.8	0.8
107.5°	29.5	21.9	14.3	7.6	3.4	0.8	0.8
110°	26.1	19.4	12.6	6.7	2.5	0.8	0.8



TEST NUMBER: P290191

CATALOG NUMBER: 4SSRK-LC-40-L950-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	23.6	16.9	11.0	5.9	1.7	0.8	0.8
115°	20.2	15.2	9.3	5.1	1.7	0.8	0.8
117.5°	17.7	12.6	8.4	4.2	1.7	0.8	0.8
120°	15.2	11.0	6.7	3.4	0.8	0.8	0.8
122.5°	13.5	9.3	5.9	3.4	0.8	0.8	0.8
125°	11.8	8.4	5.1	2.5	0.8	0.8	0.8
127.5°	10.1	6.7	4.2	1.7	0.8	0.8	0.8
130°	8.4	5.9	3.4	1.7	0.8	0.8	0.8
132.5°	6.7	5.1	3.4	1.7	0.8	0.8	0.8
135°	5.9	4.2	2.5	1.7	0.8	0.8	0.8
137.5°	5.1	3.4	1.7	1.7	1.7	0.8	0.8
140°	4.2	2.5	1.7	1.7	1.7	1.7	0.8
142.5°	3.4	2.5	1.7	1.7	1.7	1.7	0.8
145°	2.5	1.7	1.7	1.7	1.7	1.7	0.8
147.5°	2.5	1.7	1.7	1.7	1.7	1.7	0.8
150°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
152.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
155°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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)