

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: P290250

Luminaire Tested: **8SSRK-LC-10-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: P290250  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SSRK-LC-10-L840-CD1-U  
Description: 10000 LUMEN, 8 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: 10896.3 lumens  
Efficiency: N/A  
Efficacy: 151.5 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19  
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 8' x H: 0.17')  
CIE Type: Direct

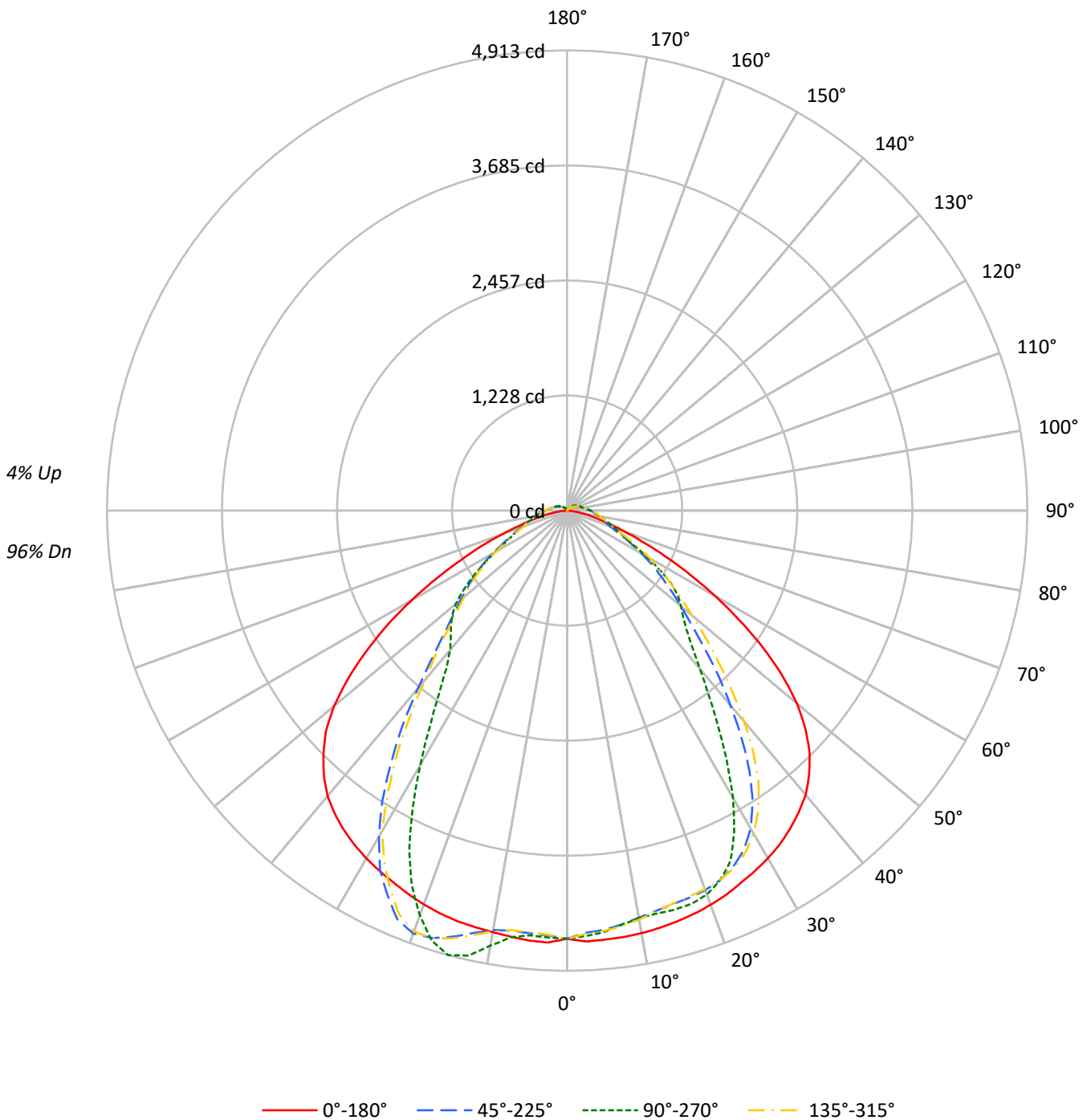
Input Watts (W): 71.9151  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	147595	147595	147595	147595
5°	148805	108447	149112	109297
10°	149633	84934	149323	90701
15°	150932	71201	150856	79277
20°	152744	61048	152584	64352
25°	154790	51319	154705	49587
30°	157876	39874	157964	35326
35°	161170	29139	161628	24658
40°	164126	21314	164810	18779
45°	163811	16453	164652	16022
50°	157044	13820	159245	13512
55°	139659	11326	143142	10297
60°	113609	7885	119643	7231
65°	84784	5462	91345	5179
70°	57975	4239	65360	4053
75°	38260	3403	44546	3218
80°	25129	2780	29453	2558
85°	13436	2378	17655	2172



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	434.2	4.0
10°-20°	1291.8	11.9
20°-30°	1963.9	18.0
30°-40°	2106.8	19.3
40°-50°	1828.5	16.8
50°-60°	1355.1	12.4
60°-70°	776.4	7.1
70°-80°	429.9	3.9
80°-90°	261.8	2.4
90°-100°	170.3	1.6
100°-110°	114.0	1.0
110°-120°	77.0	0.7
120°-130°	47.2	0.4
130°-140°	24.8	0.2
140°-150°	11.3	0.1
150°-160°	3.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3689.8	33.9
0°-40°	5796.6	53.2
0°-60°	8980.1	82.4
0°-90°	10448.3	95.9
90°-120°	361.3	3.3
90°-150°	444.7	4.1
90°-180°	448.0	4.1
0°-180°	10896.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4571	4571	4571	4571	4571	
5°	4599	4516	4608	4552	4599	438
15°	4540	4412	4538	4913	4540	1285
25°	4387	4127	4384	3988	4387	2028
35°	4148	2810	4160	2377	4148	2596
45°	3662	1801	3681	1754	3662	2803
55°	2554	1350	2618	1228	2554	2265
65°	1159	685	1249	649	1159	1169
75°	330	434	385	411	330	377
85°	45	300	59	274	45	59
90°	0	250	5	231	0	2
95°	2	205	0	196	2	2
105°	2	154	2	146	2	3
115°	2	125	2	113	2	2
125°	2	94	2	78	2	2
135°	2	59	2	50	2	2
145°	2	35	5	28	2	2
155°	5	16	5	14	5	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4603.8	4592.0	4587.2	4577.8	4584.9	4613.2	4594.3	4563.6	4566.0	4511.7	4540.0
5°	4599.0	4584.9	4577.8	4568.3	4573.1	4599.0	4580.2	4549.5	4547.1	4492.8	4518.8
7.5°	4592.0	4577.8	4566.0	4558.9	4561.3	4582.5	4558.9	4523.5	4516.4	4457.4	4481.0
10°	4580.2	4570.7	4554.2	4542.4	4540.0	4563.6	4525.9	4490.4	4473.9	4412.5	4436.1
12.5°	4563.6	4549.5	4532.9	4511.7	4509.3	4523.5	4492.8	4443.2	4426.7	4377.1	4403.1
15°	4540.0	4523.5	4504.6	4481.0	4469.2	4478.6	4440.9	4396.0	4393.6	4351.1	4386.6
17.5°	4514.0	4490.4	4469.2	4436.1	4419.6	4426.7	4396.0	4355.9	4360.6	4334.6	4374.8
20°	4478.6	4452.7	4419.6	4386.6	4362.9	4374.8	4353.5	4322.8	4329.9	4311.0	4346.4
22.5°	4438.5	4403.1	4362.9	4325.2	4306.3	4322.8	4306.3	4280.3	4282.7	4270.9	4292.1
25°	4386.6	4346.4	4299.2	4252.0	4242.5	4254.3	4244.9	4223.7	4214.2	4195.3	4204.8
27.5°	4339.3	4294.5	4235.5	4185.9	4169.4	4193.0	4171.7	4136.3	4110.3	4084.4	4065.5
30°	4285.0	4230.7	4164.6	4108.0	4093.8	4103.2	4072.6	4018.3	3949.8	3916.7	3864.8
32.5°	4226.0	4155.2	4072.6	4008.8	3999.4	3992.3	3935.6	3857.7	3751.5	3685.4	3605.1
35°	4148.1	4070.2	3971.0	3893.1	3879.0	3838.8	3746.8	3642.9	3505.9	3392.6	3255.7
37.5°	4060.8	3968.7	3864.8	3760.9	3720.8	3640.5	3510.7	3402.1	3194.3	3057.4	2892.1
40°	3961.6	3850.6	3723.1	3598.0	3531.9	3402.1	3253.3	3092.8	2892.1	2708.0	2568.7
42.5°	3824.7	3706.6	3555.5	3416.2	3302.9	3130.6	2955.9	2729.2	2545.1	2389.2	2247.6
45°	3661.8	3520.1	3345.4	3177.8	3033.8	2828.4	2623.0	2396.3	2242.9	2061.1	1964.3
47.5°	3451.6	3298.2	3111.7	2925.2	2736.3	2509.6	2294.8	2077.6	1924.1	1794.3	1723.5
50°	3203.7	3062.1	2856.7	2634.8	2427.0	2190.9	1976.1	1813.2	1664.4	1584.2	1529.9
52.5°	2896.8	2764.6	2554.5	2313.7	2113.0	1881.6	1685.7	1553.5	1447.2	1388.2	1369.3
55°	2554.5	2438.8	2231.1	2006.8	1801.4	1588.9	1440.2	1324.5	1256.0	1220.6	1222.9
57.5°	2188.6	2098.8	1902.9	1702.2	1508.6	1348.1	1213.5	1121.4	1069.5	1067.1	1074.2
60°	1822.6	1756.5	1586.5	1414.2	1244.2	1114.3	1015.2	951.4	918.4	920.8	918.4
62.5°	1473.2	1411.8	1289.1	1147.4	1012.8	925.5	835.8	809.8	781.5	779.1	779.1
65°	1159.2	1112.0	1012.8	911.3	809.8	753.1	708.3	677.6	656.3	651.6	654.0
67.5°	871.2	852.3	783.8	715.4	651.6	616.2	578.4	571.3	554.8	554.8	559.5
70°	649.2	635.1	597.3	557.2	531.2	507.6	488.7	488.7	486.3	484.0	495.8
72.5°	469.8	472.2	460.4	429.7	427.3	422.6	417.9	425.0	427.3	434.4	448.6
75°	330.5	337.6	337.6	332.9	342.3	354.1	361.2	373.0	387.2	396.6	413.2
77.5°	233.7	233.7	245.5	259.7	278.6	299.8	318.7	335.2	354.1	365.9	380.1
80°	151.1	158.2	177.1	203.0	229.0	257.3	283.3	304.6	323.4	342.3	351.8
82.5°	89.7	101.5	125.1	158.2	191.2	226.6	252.6	278.6	299.8	318.7	325.8
85°	44.9	61.4	89.7	125.1	160.5	198.3	231.4	255.0	278.6	295.1	304.6
87.5°	14.2	33.1	63.7	96.8	134.6	172.3	207.8	233.7	255.0	269.1	278.6
90°	0.0	16.5	44.9	80.3	115.7	153.5	186.5	214.8	236.1	247.9	255.0
92.5°	0.0	9.4	35.4	66.1	99.2	136.9	170.0	196.0	214.8	226.6	231.4
95°	2.4	7.1	26.0	54.3	87.4	122.8	153.5	177.1	196.0	207.8	210.1
97.5°	2.4	4.7	21.2	44.9	75.5	108.6	139.3	162.9	177.1	188.9	191.2
100°	2.4	4.7	16.5	40.1	66.1	96.8	125.1	146.4	162.9	172.3	174.7
102.5°	2.4	2.4	14.2	33.1	59.0	85.0	111.0	132.2	146.4	155.8	160.5
105°	2.4	2.4	11.8	28.3	51.9	75.5	99.2	120.4	132.2	141.7	146.4
107.5°	2.4	2.4	9.4	23.6	44.9	66.1	89.7	106.2	120.4	129.8	134.6
110°	2.4	2.4	7.1	21.2	37.8	59.0	77.9	94.4	108.6	118.0	122.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.4	2.4	7.1	18.9	33.1	51.9	68.5	85.0	96.8	106.2	113.3
115°	2.4	2.4	7.1	16.5	30.7	44.9	61.4	75.5	87.4	96.8	103.9
117.5°	2.4	2.4	7.1	14.2	26.0	40.1	54.3	68.5	77.9	87.4	94.4
120°	2.4	2.4	4.7	11.8	23.6	35.4	47.2	59.0	70.8	80.3	87.4
122.5°	2.4	2.4	4.7	11.8	18.9	30.7	42.5	51.9	63.7	70.8	77.9
125°	2.4	2.4	4.7	9.4	16.5	28.3	37.8	47.2	54.3	63.7	70.8
127.5°	2.4	2.4	4.7	9.4	14.2	23.6	33.1	42.5	49.6	56.7	61.4
130°	2.4	2.4	4.7	7.1	11.8	18.9	28.3	35.4	44.9	49.6	54.3
132.5°	2.4	2.4	2.4	7.1	9.4	14.2	21.2	30.7	37.8	44.9	47.2
135°	2.4	2.4	2.4	4.7	9.4	11.8	16.5	23.6	30.7	37.8	42.5
137.5°	2.4	2.4	2.4	4.7	7.1	11.8	14.2	18.9	26.0	30.7	37.8
140°	2.4	2.4	2.4	4.7	7.1	9.4	11.8	16.5	21.2	26.0	30.7
142.5°	2.4	2.4	2.4	4.7	4.7	7.1	9.4	14.2	16.5	21.2	26.0
145°	2.4	2.4	2.4	4.7	4.7	7.1	9.4	11.8	14.2	16.5	21.2
147.5°	2.4	2.4	2.4	4.7	4.7	4.7	7.1	9.4	11.8	14.2	16.5
150°	4.7	4.7	4.7	4.7	4.7	4.7	7.1	7.1	9.4	11.8	14.2
152.5°	4.7	4.7	4.7	4.7	4.7	4.7	7.1	7.1	7.1	9.4	11.8
155°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.1	7.1	9.4	9.4
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°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4530.6	4535.3	4563.6	4561.3	4556.5	4551.8	4551.8	4547.1	4551.8	4563.6	4558.9
5°	4507.0	4514.0	4535.3	4532.9	4528.2	4525.9	4523.5	4516.4	4521.1	4537.7	4532.9
7.5°	4464.5	4471.6	4490.4	4481.0	4473.9	4478.6	4466.8	4459.7	4469.2	4485.7	4483.4
10°	4419.6	4424.3	4447.9	4443.2	4431.4	4433.8	4422.0	4417.2	4429.1	4438.5	4440.9
12.5°	4388.9	4405.4	4426.7	4424.3	4422.0	4424.3	4412.5	4407.8	4414.9	4424.3	4422.0
15°	4381.8	4403.1	4426.7	4426.7	4429.1	4431.4	4419.6	4412.5	4419.6	4426.7	4424.3
17.5°	4374.8	4400.7	4422.0	4419.6	4422.0	4426.7	4407.8	4403.1	4412.5	4422.0	4417.2
20°	4351.1	4374.8	4388.9	4384.2	4384.2	4386.6	4362.9	4362.9	4377.1	4384.2	4386.6
22.5°	4285.0	4313.4	4313.4	4301.6	4301.6	4292.1	4285.0	4270.9	4287.4	4299.2	4308.6
25°	4185.9	4197.7	4183.5	4157.6	4143.4	4131.6	4098.5	4126.9	4126.9	4162.3	4174.1
27.5°	4046.6	4020.6	3980.5	3926.2	3914.4	3876.6	3855.4	3862.4	3874.2	3923.8	3961.6
30°	3817.6	3739.7	3671.2	3647.6	3595.7	3557.9	3520.1	3539.0	3560.2	3588.6	3666.5
32.5°	3515.4	3439.8	3328.9	3288.7	3234.4	3187.2	3142.4	3170.7	3208.5	3227.4	3312.3
35°	3168.3	3078.6	2977.1	2908.6	2852.0	2826.0	2769.3	2809.5	2849.6	2863.8	2937.0
37.5°	2800.0	2708.0	2618.2	2559.2	2504.9	2488.4	2450.6	2478.9	2509.6	2530.9	2592.3
40°	2450.6	2365.6	2297.2	2257.0	2219.2	2205.1	2190.9	2202.7	2226.3	2242.9	2290.1
42.5°	2150.8	2082.3	2035.1	2011.5	1985.5	1966.6	1969.0	1973.7	1985.5	2020.9	2042.2
45°	1888.7	1848.6	1817.9	1813.2	1796.6	1794.3	1791.9	1801.4	1808.5	1829.7	1846.2
47.5°	1678.6	1662.1	1655.0	1664.4	1671.5	1662.1	1666.8	1678.6	1692.8	1692.8	1690.4
50°	1513.3	1518.1	1527.5	1548.8	1562.9	1567.6	1572.4	1586.5	1588.9	1593.6	1586.5
52.5°	1378.8	1383.5	1409.5	1442.5	1459.0	1466.1	1475.6	1489.7	1489.7	1494.5	1485.0
55°	1241.8	1248.9	1274.9	1307.9	1322.1	1331.5	1341.0	1350.4	1357.5	1367.0	1359.9
57.5°	1090.7	1112.0	1128.5	1138.0	1147.4	1154.5	1161.6	1163.9	1178.1	1180.5	1192.3
60°	930.2	934.9	951.4	949.1	942.0	960.9	951.4	968.0	984.5	1005.7	1008.1
62.5°	776.7	779.1	790.9	786.2	795.6	793.3	800.3	800.3	812.2	821.6	833.4
65°	656.3	658.7	668.1	668.1	665.8	672.9	679.9	684.7	684.7	691.7	701.2
67.5°	566.6	573.7	583.1	587.9	592.6	592.6	599.7	602.0	606.8	609.1	613.8
70°	505.2	514.7	524.1	528.8	531.2	535.9	538.3	538.3	543.0	545.4	550.1
72.5°	460.4	469.8	476.9	476.9	481.6	484.0	484.0	486.3	488.7	493.4	498.2
75°	422.6	429.7	434.4	432.0	432.0	432.0	434.4	434.4	439.1	443.8	448.6
77.5°	387.2	394.3	394.3	389.5	389.5	389.5	389.5	391.9	394.3	399.0	403.7
80°	361.2	361.2	358.9	358.9	354.1	351.8	351.8	354.1	354.1	358.9	365.9
82.5°	332.9	332.9	330.5	328.2	325.8	323.4	323.4	325.8	328.2	330.5	335.2
85°	306.9	306.9	302.2	302.2	299.8	299.8	299.8	299.8	302.2	304.6	309.3
87.5°	280.9	278.6	276.2	273.9	273.9	273.9	273.9	273.9	276.2	280.9	283.3
90°	255.0	252.6	250.3	250.3	247.9	247.9	250.3	250.3	252.6	255.0	257.3
92.5°	231.4	229.0	226.6	226.6	224.3	224.3	226.6	224.3	229.0	229.0	231.4
95°	210.1	207.8	205.4	205.4	205.4	205.4	205.4	205.4	207.8	207.8	210.1
97.5°	191.2	188.9	186.5	186.5	188.9	186.5	188.9	188.9	188.9	191.2	193.6
100°	174.7	172.3	172.3	174.7	172.3	172.3	174.7	174.7	174.7	174.7	177.1
102.5°	160.5	160.5	160.5	160.5	160.5	160.5	162.9	162.9	162.9	162.9	165.3
105°	146.4	148.7	148.7	148.7	151.1	151.1	151.1	153.5	153.5	153.5	153.5
107.5°	136.9	139.3	139.3	141.7	141.7	144.0	144.0	144.0	144.0	146.4	146.4
110°	127.5	129.8	132.2	134.6	134.6	136.9	136.9	136.9	136.9	136.9	136.9





TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	118.0	120.4	122.8	127.5	129.8	129.8	129.8	129.8	132.2	132.2	129.8
115°	108.6	113.3	115.7	120.4	122.8	122.8	125.1	125.1	125.1	125.1	122.8
117.5°	99.2	106.2	108.6	113.3	115.7	115.7	118.0	118.0	118.0	118.0	115.7
120°	92.1	96.8	101.5	103.9	106.2	108.6	108.6	111.0	111.0	111.0	108.6
122.5°	85.0	89.7	94.4	96.8	99.2	101.5	101.5	101.5	101.5	101.5	101.5
125°	75.5	80.3	85.0	87.4	89.7	92.1	92.1	94.4	94.4	94.4	92.1
127.5°	68.5	73.2	75.5	80.3	82.6	82.6	85.0	85.0	85.0	85.0	82.6
130°	59.0	63.7	68.5	70.8	73.2	73.2	75.5	75.5	75.5	75.5	75.5
132.5°	51.9	56.7	59.0	63.7	63.7	66.1	66.1	68.5	68.5	68.5	66.1
135°	47.2	49.6	51.9	56.7	56.7	59.0	59.0	59.0	59.0	59.0	59.0
137.5°	42.5	44.9	47.2	49.6	49.6	51.9	51.9	51.9	51.9	54.3	51.9
140°	35.4	40.1	42.5	42.5	44.9	44.9	44.9	47.2	47.2	47.2	44.9
142.5°	30.7	33.1	35.4	37.8	40.1	40.1	40.1	40.1	42.5	40.1	40.1
145°	23.6	28.3	30.7	33.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4
147.5°	18.9	21.2	26.0	28.3	28.3	30.7	30.7	30.7	30.7	30.7	30.7
150°	16.5	16.5	21.2	23.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0
152.5°	11.8	14.2	16.5	18.9	21.2	21.2	21.2	21.2	21.2	21.2	21.2
155°	11.8	11.8	14.2	14.2	16.5	16.5	16.5	16.5	18.9	16.5	16.5
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: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4551.8	4549.5	4558.9	4549.5	4502.2	4521.1	4514.0	4540.0	4542.4	4549.5	4573.1
5°	4528.2	4528.2	4540.0	4530.6	4485.7	4504.6	4502.2	4528.2	4532.9	4537.7	4563.6
7.5°	4481.0	4483.4	4499.9	4492.8	4445.6	4473.9	4471.6	4502.2	4511.7	4521.1	4544.7
10°	4436.1	4433.8	4452.7	4445.6	4400.7	4433.8	4431.4	4462.1	4476.3	4492.8	4521.1
12.5°	4412.5	4405.4	4412.5	4405.4	4355.9	4381.8	4384.2	4419.6	4436.1	4457.4	4490.4
15°	4412.5	4400.7	4400.7	4386.6	4329.9	4346.4	4348.8	4372.4	4393.6	4414.9	4455.0
17.5°	4407.8	4396.0	4393.6	4381.8	4320.5	4320.5	4318.1	4334.6	4346.4	4367.7	4410.2
20°	4381.8	4377.1	4374.8	4367.7	4311.0	4301.6	4296.8	4296.8	4303.9	4311.0	4353.5
22.5°	4313.4	4318.1	4322.8	4327.5	4282.7	4266.2	4268.5	4263.8	4256.7	4256.7	4292.1
25°	4185.9	4209.5	4228.4	4249.6	4223.7	4211.9	4226.0	4218.9	4207.1	4197.7	4228.4
27.5°	3982.8	4032.4	4072.6	4124.5	4126.9	4117.4	4155.2	4150.5	4148.1	4133.9	4157.6
30°	3701.9	3779.8	3834.1	3909.7	3973.4	3982.8	4046.6	4056.0	4065.5	4058.4	4082.0
32.5°	3361.9	3468.2	3560.2	3678.3	3739.7	3794.0	3883.7	3921.5	3959.2	3971.0	3997.0
35°	2991.3	3111.7	3220.3	3350.1	3446.9	3565.0	3673.6	3730.2	3815.2	3848.3	3886.0
37.5°	2639.5	2752.8	2859.1	2988.9	3144.7	3267.5	3402.1	3529.6	3645.2	3692.5	3749.1
40°	2327.9	2419.9	2521.4	2634.8	2776.4	2937.0	3083.3	3260.4	3397.3	3491.8	3574.4
42.5°	2091.8	2136.6	2224.0	2325.5	2438.8	2601.7	2750.5	2948.8	3114.0	3248.6	3385.5
45°	1881.6	1902.9	1966.6	2020.9	2136.6	2280.6	2438.8	2632.4	2804.8	2977.1	3142.4
47.5°	1702.2	1728.2	1758.9	1791.9	1874.6	1995.0	2131.9	2306.6	2478.9	2679.6	2868.5
50°	1581.8	1588.9	1593.6	1607.8	1657.4	1740.0	1850.9	1999.7	2164.9	2379.8	2580.5
52.5°	1475.6	1475.6	1461.4	1454.3	1473.2	1525.1	1588.9	1695.1	1865.1	2063.4	2275.9
55°	1362.2	1341.0	1336.3	1312.7	1317.4	1341.0	1371.7	1454.3	1593.6	1763.6	1969.0
57.5°	1204.1	1194.6	1194.6	1185.2	1166.3	1178.1	1185.2	1244.2	1343.4	1489.7	1669.2
60°	1022.3	1017.5	1029.4	1031.7	1015.2	1022.3	1019.9	1055.3	1126.2	1244.2	1392.9
62.5°	840.5	861.7	864.1	873.5	864.1	861.7	873.5	904.2	939.6	1029.4	1145.0
65°	705.9	717.7	720.1	731.9	727.2	727.2	736.6	760.2	781.5	842.8	932.6
67.5°	618.6	613.8	616.2	623.3	616.2	613.8	620.9	635.1	651.6	689.4	753.1
70°	550.1	545.4	545.4	545.4	535.9	528.8	531.2	535.9	543.0	564.3	604.4
72.5°	498.2	498.2	491.1	484.0	476.9	472.2	467.5	462.7	460.4	467.5	488.7
75°	450.9	453.3	450.9	443.8	434.4	425.0	415.5	406.1	394.3	389.5	391.9
77.5°	408.4	410.8	413.2	410.8	401.4	389.5	375.4	361.2	344.7	328.2	318.7
80°	370.7	375.4	377.7	375.4	368.3	358.9	342.3	325.8	302.2	280.9	257.3
82.5°	337.6	344.7	347.1	347.1	342.3	332.9	314.0	295.1	269.1	240.8	210.1
85°	311.6	316.4	321.1	321.1	318.7	309.3	290.4	269.1	243.2	210.1	177.1
87.5°	285.7	288.0	292.8	297.5	292.8	283.3	266.8	243.2	217.2	184.2	146.4
90°	259.7	262.1	266.8	271.5	269.1	259.7	245.5	224.3	196.0	160.5	122.8
92.5°	233.7	238.5	240.8	243.2	245.5	238.5	226.6	205.4	177.1	141.7	106.2
95°	214.8	214.8	219.6	221.9	224.3	217.2	207.8	186.5	160.5	127.5	92.1
97.5°	196.0	196.0	200.7	200.7	203.0	198.3	188.9	170.0	144.0	113.3	77.9
100°	177.1	179.4	181.8	184.2	184.2	181.8	172.3	153.5	129.8	101.5	68.5
102.5°	165.3	165.3	167.6	167.6	170.0	165.3	155.8	139.3	115.7	89.7	59.0
105°	153.5	153.5	155.8	155.8	153.5	148.7	139.3	125.1	103.9	77.9	51.9
107.5°	144.0	144.0	144.0	144.0	141.7	136.9	127.5	111.0	92.1	70.8	47.2
110°	136.9	134.6	134.6	132.2	129.8	122.8	113.3	99.2	82.6	61.4	40.1



TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	129.8	127.5	125.1	122.8	118.0	111.0	101.5	89.7	73.2	54.3	35.4
115°	122.8	120.4	118.0	113.3	108.6	101.5	92.1	80.3	63.7	47.2	30.7
117.5°	115.7	113.3	108.6	103.9	99.2	92.1	82.6	70.8	56.7	42.5	28.3
120°	106.2	103.9	101.5	96.8	92.1	82.6	73.2	63.7	49.6	37.8	23.6
122.5°	99.2	96.8	92.1	89.7	82.6	75.5	66.1	56.7	44.9	33.1	21.2
125°	89.7	87.4	85.0	80.3	75.5	66.1	59.0	49.6	40.1	28.3	16.5
127.5°	82.6	80.3	75.5	70.8	66.1	59.0	51.9	44.9	35.4	23.6	16.5
130°	73.2	70.8	68.5	63.7	59.0	51.9	47.2	37.8	30.7	21.2	14.2
132.5°	63.7	63.7	61.4	56.7	51.9	47.2	40.1	33.1	26.0	18.9	11.8
135°	59.0	56.7	54.3	49.6	47.2	40.1	35.4	28.3	21.2	16.5	9.4
137.5°	51.9	49.6	47.2	44.9	40.1	35.4	30.7	23.6	18.9	14.2	9.4
140°	44.9	42.5	42.5	37.8	35.4	30.7	26.0	21.2	16.5	11.8	7.1
142.5°	40.1	37.8	35.4	33.1	30.7	26.0	21.2	16.5	14.2	9.4	7.1
145°	35.4	33.1	30.7	28.3	26.0	21.2	18.9	14.2	11.8	9.4	7.1
147.5°	28.3	28.3	26.0	23.6	21.2	18.9	16.5	14.2	9.4	7.1	4.7
150°	23.6	23.6	21.2	18.9	18.9	16.5	14.2	11.8	9.4	7.1	4.7
152.5°	21.2	18.9	18.9	16.5	16.5	14.2	11.8	9.4	7.1	7.1	4.7
155°	16.5	16.5	16.5	14.2	14.2	11.8	9.4	9.4	7.1	4.7	4.7
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: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4577.8	4549.5	4573.1	4615.6	4610.8	4606.1	4601.4	4610.8	4641.5	4625.0	4599.0
5°	4570.7	4542.4	4568.3	4608.5	4606.1	4599.0	4594.3	4603.8	4634.5	4617.9	4589.6
7.5°	4556.5	4530.6	4549.5	4589.6	4589.6	4584.9	4580.2	4589.6	4617.9	4603.8	4575.4
10°	4532.9	4514.0	4532.9	4570.7	4573.1	4563.6	4558.9	4570.7	4599.0	4592.0	4568.3
12.5°	4514.0	4495.2	4516.4	4554.2	4556.5	4547.1	4540.0	4554.2	4592.0	4596.7	4589.6
15°	4488.1	4471.6	4497.5	4537.7	4537.7	4530.6	4530.6	4549.5	4601.4	4622.6	4634.5
17.5°	4450.3	4438.5	4469.2	4509.3	4511.7	4507.0	4509.3	4547.1	4615.6	4667.5	4700.6
20°	4403.1	4398.4	4431.4	4473.9	4481.0	4483.4	4495.2	4551.8	4646.3	4717.1	4750.1
22.5°	4346.4	4348.8	4386.6	4431.4	4440.9	4447.9	4471.6	4551.8	4669.9	4745.4	4759.6
25°	4282.7	4289.8	4329.9	4384.2	4396.0	4410.2	4450.3	4554.2	4676.9	4726.5	4702.9
27.5°	4214.2	4228.4	4280.3	4337.0	4351.1	4374.8	4426.7	4540.0	4643.9	4646.3	4558.9
30°	4143.4	4159.9	4221.3	4287.4	4311.0	4334.6	4398.4	4507.0	4563.6	4488.1	4334.6
32.5°	4063.1	4086.7	4148.1	4228.4	4256.7	4287.4	4351.1	4443.2	4422.0	4259.1	4039.5
35°	3961.6	3994.6	4065.5	4159.9	4185.9	4226.0	4270.9	4292.1	4197.7	3966.3	3718.4
37.5°	3836.5	3886.0	3968.7	4077.3	4105.6	4131.6	4143.4	4084.4	3895.5	3645.2	3387.9
40°	3692.5	3768.0	3857.7	3978.1	4006.5	4006.5	3964.0	3838.8	3600.4	3272.2	2986.5
42.5°	3517.7	3609.8	3723.1	3843.6	3871.9	3838.8	3737.3	3517.7	3246.2	2880.3	2578.1
45°	3305.3	3428.0	3555.5	3680.6	3694.8	3621.6	3439.8	3161.2	2826.0	2486.0	2198.0
47.5°	3052.6	3213.2	3352.5	3494.1	3475.2	3352.5	3109.3	2792.9	2438.8	2117.7	1886.4
50°	2769.3	2958.2	3114.0	3248.6	3208.5	3038.5	2752.8	2422.3	2070.5	1796.6	1605.4
52.5°	2467.1	2684.3	2840.2	2948.8	2894.5	2691.4	2377.4	2061.1	1773.0	1522.8	1395.3
55°	2153.1	2372.7	2533.2	2618.2	2547.4	2327.9	2018.6	1730.5	1459.0	1296.1	1220.6
57.5°	1848.6	2054.0	2205.1	2273.5	2183.8	1964.3	1678.6	1435.4	1239.5	1102.5	1064.8
60°	1555.8	1723.5	1867.5	1919.4	1822.6	1619.6	1374.0	1180.5	1036.4	942.0	923.1
62.5°	1284.3	1421.3	1534.6	1574.7	1480.3	1322.1	1109.6	965.6	864.1	816.9	793.3
65°	1060.0	1140.3	1256.0	1248.9	1192.3	1045.9	890.1	788.5	722.4	691.7	677.6
67.5°	833.4	906.6	979.8	989.2	918.4	816.9	715.4	642.2	606.8	590.2	583.1
70°	644.5	698.8	743.7	731.9	694.1	630.4	566.6	526.5	512.3	505.2	505.2
72.5°	500.5	528.8	550.1	535.9	512.3	479.3	448.6	432.0	434.4	439.1	443.8
75°	387.2	394.3	399.0	384.8	380.1	358.9	356.5	358.9	373.0	387.2	394.3
77.5°	297.5	288.0	280.9	266.8	269.1	266.8	278.6	297.5	318.7	340.0	358.9
80°	229.0	207.8	191.2	177.1	184.2	196.0	219.6	247.9	276.2	299.8	323.4
82.5°	177.1	146.4	122.8	108.6	122.8	141.7	172.3	207.8	240.8	266.8	292.8
85°	136.9	101.5	73.2	59.0	73.2	101.5	134.6	174.7	210.1	238.5	264.4
87.5°	106.2	73.2	40.1	23.6	40.1	70.8	108.6	146.4	181.8	214.8	240.8
90°	85.0	49.6	18.9	4.7	21.2	49.6	85.0	122.8	158.2	193.6	219.6
92.5°	68.5	35.4	9.4	0.0	11.8	37.8	70.8	106.2	141.7	174.7	200.7
95°	56.7	28.3	7.1	0.0	9.4	28.3	56.7	92.1	125.1	158.2	179.4
97.5°	47.2	21.2	4.7	0.0	4.7	23.6	47.2	77.9	111.0	141.7	162.9
100°	40.1	18.9	4.7	0.0	4.7	18.9	40.1	68.5	96.8	125.1	146.4
102.5°	33.1	14.2	2.4	2.4	2.4	14.2	35.4	59.0	85.0	111.0	132.2
105°	30.7	11.8	2.4	2.4	2.4	11.8	30.7	51.9	75.5	99.2	118.0
107.5°	26.0	9.4	2.4	2.4	2.4	9.4	26.0	44.9	68.5	89.7	106.2
110°	21.2	9.4	2.4	2.4	2.4	9.4	21.2	40.1	59.0	77.9	94.4



TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	18.9	7.1	2.4	2.4	2.4	7.1	18.9	35.4	51.9	70.8	85.0
115°	16.5	7.1	2.4	2.4	2.4	7.1	16.5	30.7	44.9	61.4	75.5
117.5°	14.2	7.1	2.4	2.4	2.4	4.7	14.2	26.0	40.1	54.3	68.5
120°	11.8	4.7	2.4	2.4	2.4	4.7	11.8	23.6	35.4	47.2	59.0
122.5°	11.8	4.7	2.4	2.4	2.4	4.7	9.4	18.9	30.7	40.1	51.9
125°	9.4	4.7	2.4	2.4	2.4	2.4	9.4	16.5	26.0	35.4	44.9
127.5°	9.4	4.7	2.4	2.4	2.4	2.4	7.1	14.2	21.2	30.7	40.1
130°	7.1	4.7	2.4	2.4	2.4	2.4	4.7	11.8	18.9	26.0	33.1
132.5°	7.1	4.7	2.4	2.4	2.4	2.4	4.7	9.4	14.2	21.2	28.3
135°	7.1	2.4	2.4	2.4	2.4	2.4	2.4	7.1	11.8	16.5	21.2
137.5°	4.7	2.4	2.4	2.4	2.4	2.4	2.4	4.7	9.4	11.8	18.9
140°	4.7	2.4	2.4	2.4	2.4	2.4	2.4	4.7	7.1	9.4	14.2
142.5°	4.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.7	7.1	11.8
145°	4.7	2.4	2.4	4.7	4.7	2.4	2.4	4.7	4.7	7.1	9.4
147.5°	4.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.7	4.7	7.1
150°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.1
152.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
155°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
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: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4594.3	4540.0	4568.3	4558.9	4568.3	4592.0	4589.6	4582.5	4587.2	4575.4	4563.6
5°	4584.9	4530.6	4558.9	4547.1	4558.9	4582.5	4577.8	4570.7	4577.8	4563.6	4551.8
7.5°	4573.1	4523.5	4556.5	4554.2	4575.4	4606.1	4608.5	4608.5	4625.0	4603.8	4594.3
10°	4573.1	4547.1	4592.0	4608.5	4662.8	4702.9	4707.6	4717.1	4745.4	4740.7	4717.1
12.5°	4622.6	4617.9	4684.0	4724.2	4773.7	4830.4	4861.1	4870.5	4889.4	4875.3	4865.8
15°	4686.4	4710.0	4783.2	4828.0	4882.3	4924.8	4931.9	4936.6	4950.8	4929.6	4913.0
17.5°	4771.4	4785.6	4844.6	4863.5	4898.9	4906.0	4896.5	4872.9	4872.9	4825.7	4811.5
20°	4811.5	4804.4	4828.0	4797.4	4783.2	4740.7	4700.6	4655.7	4653.3	4603.8	4599.0
22.5°	4776.1	4728.9	4679.3	4603.8	4570.7	4509.3	4455.0	4429.1	4412.5	4348.8	4332.3
25°	4651.0	4535.3	4462.1	4372.4	4292.1	4221.3	4169.4	4115.1	4063.1	4011.2	3987.6
27.5°	4433.8	4325.2	4207.1	4082.0	3971.0	3862.4	3775.1	3720.8	3671.2	3602.7	3567.3
30°	4167.0	4015.9	3886.0	3765.6	3583.9	3451.6	3378.5	3269.9	3232.1	3201.4	3135.3
32.5°	3853.0	3671.2	3494.1	3331.2	3144.7	3022.0	2925.2	2844.9	2821.3	2741.0	2722.1
35°	3505.9	3267.5	3066.8	2906.3	2771.7	2623.0	2542.7	2488.4	2441.2	2386.9	2377.4
37.5°	3097.5	2882.7	2656.0	2514.4	2408.1	2280.6	2219.2	2181.5	2160.2	2120.1	2113.0
40°	2686.7	2471.9	2316.0	2174.4	2108.3	2039.8	1995.0	1978.4	1969.0	1954.8	1940.7
42.5°	2313.7	2124.8	2013.9	1919.4	1891.1	1858.0	1846.2	1855.7	1846.2	1841.5	1839.1
45°	1997.3	1853.3	1775.4	1747.1	1740.0	1730.5	1740.0	1756.5	1758.9	1754.2	1754.2
47.5°	1709.3	1640.8	1607.8	1612.5	1624.3	1631.4	1647.9	1669.2	1673.9	1662.1	1666.8
50°	1520.4	1480.3	1473.2	1492.1	1518.1	1527.5	1546.4	1562.9	1560.6	1555.8	1551.1
52.5°	1343.4	1331.5	1350.4	1369.3	1397.7	1402.4	1409.5	1416.5	1414.2	1404.7	1400.0
55°	1194.6	1204.1	1220.6	1227.7	1248.9	1246.6	1248.9	1248.9	1239.5	1234.8	1227.7
57.5°	1060.0	1062.4	1071.9	1074.2	1086.0	1081.3	1078.9	1074.2	1060.0	1057.7	1050.6
60°	923.1	918.4	939.6	923.1	932.6	923.1	920.8	908.9	894.8	892.4	887.7
62.5°	793.3	783.8	798.0	790.9	795.6	786.2	781.5	767.3	755.5	753.1	750.8
65°	677.6	672.9	687.0	684.7	689.4	677.6	672.9	663.4	654.0	651.6	649.2
67.5°	580.8	592.6	599.7	599.7	604.4	602.0	590.2	587.9	585.5	576.1	576.1
70°	510.0	517.0	531.2	533.6	531.2	535.9	526.5	524.1	521.8	517.0	514.7
72.5°	453.3	462.7	476.9	479.3	476.9	476.9	472.2	469.8	469.8	462.7	462.7
75°	408.4	420.2	432.0	432.0	432.0	427.3	422.6	422.6	417.9	415.5	410.8
77.5°	370.7	384.8	394.3	391.9	389.5	384.8	384.8	377.7	370.7	370.7	365.9
80°	342.3	351.8	358.9	356.5	354.1	347.1	344.7	337.6	332.9	325.8	325.8
82.5°	311.6	323.4	328.2	325.8	321.1	314.0	311.6	306.9	302.2	299.8	295.1
85°	285.7	297.5	299.8	295.1	290.4	285.7	283.3	280.9	278.6	273.9	273.9
87.5°	259.7	271.5	271.5	269.1	264.4	262.1	259.7	257.3	255.0	252.6	250.3
90°	238.5	247.9	247.9	245.5	243.2	240.8	238.5	236.1	233.7	231.4	231.4
92.5°	217.2	226.6	226.6	224.3	221.9	219.6	219.6	217.2	214.8	212.5	210.1
95°	198.3	207.8	207.8	207.8	205.4	203.0	203.0	200.7	198.3	198.3	196.0
97.5°	179.4	188.9	188.9	188.9	186.5	184.2	184.2	181.8	181.8	181.8	179.4
100°	162.9	170.0	172.3	172.3	170.0	170.0	170.0	167.6	167.6	167.6	165.3
102.5°	146.4	153.5	158.2	158.2	158.2	155.8	155.8	155.8	155.8	155.8	153.5
105°	132.2	139.3	144.0	146.4	146.4	146.4	146.4	146.4	146.4	146.4	146.4
107.5°	120.4	127.5	132.2	134.6	136.9	136.9	139.3	139.3	139.3	139.3	139.3
110°	108.6	115.7	122.8	125.1	127.5	129.8	129.8	132.2	129.8	129.8	129.8



TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	96.8	106.2	111.0	115.7	118.0	120.4	122.8	122.8	122.8	122.8	122.8
115°	87.4	96.8	101.5	106.2	111.0	113.3	113.3	115.7	115.7	115.7	113.3
117.5°	77.9	87.4	92.1	96.8	99.2	103.9	106.2	106.2	106.2	106.2	103.9
120°	70.8	77.9	82.6	87.4	92.1	94.4	96.8	96.8	96.8	96.8	96.8
122.5°	61.4	68.5	75.5	80.3	82.6	85.0	87.4	87.4	87.4	87.4	87.4
125°	54.3	61.4	66.1	70.8	73.2	77.9	77.9	77.9	77.9	77.9	77.9
127.5°	47.2	54.3	59.0	63.7	66.1	68.5	70.8	70.8	70.8	70.8	70.8
130°	40.1	47.2	51.9	56.7	59.0	61.4	61.4	63.7	63.7	63.7	63.7
132.5°	35.4	40.1	44.9	49.6	51.9	54.3	54.3	56.7	56.7	56.7	56.7
135°	28.3	35.4	37.8	42.5	44.9	47.2	47.2	49.6	49.6	49.6	49.6
137.5°	23.6	28.3	33.1	37.8	40.1	40.1	42.5	42.5	44.9	44.9	44.9
140°	18.9	21.2	28.3	30.7	33.1	35.4	37.8	37.8	37.8	37.8	37.8
142.5°	14.2	18.9	21.2	26.0	28.3	30.7	33.1	33.1	33.1	33.1	33.1
145°	11.8	14.2	16.5	21.2	23.6	26.0	28.3	28.3	28.3	28.3	28.3
147.5°	9.4	11.8	14.2	16.5	18.9	21.2	23.6	23.6	23.6	23.6	23.6
150°	7.1	9.4	11.8	11.8	14.2	16.5	18.9	21.2	21.2	21.2	21.2
152.5°	7.1	7.1	9.4	9.4	11.8	14.2	16.5	16.5	16.5	16.5	16.5
155°	4.7	7.1	7.1	7.1	9.4	9.4	11.8	14.2	14.2	14.2	14.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4570.7	4580.2	4575.4	4568.3	4566.0	4577.8	4566.0	4511.7	4532.9	4535.3	4551.8
5°	4563.6	4570.7	4566.0	4561.3	4554.2	4568.3	4554.2	4497.5	4518.8	4521.1	4537.7
7.5°	4610.8	4613.2	4613.2	4601.4	4582.5	4589.6	4570.7	4507.0	4518.8	4518.8	4530.6
10°	4728.9	4733.6	4740.7	4710.0	4686.4	4667.5	4641.5	4563.6	4561.3	4542.4	4542.4
12.5°	4882.3	4870.5	4858.7	4844.6	4825.7	4802.1	4764.3	4672.2	4641.5	4610.8	4580.2
15°	4927.2	4922.5	4920.1	4913.0	4901.2	4894.2	4865.8	4773.7	4728.9	4691.1	4636.8
17.5°	4809.2	4818.6	4849.3	4851.7	4865.8	4894.2	4889.4	4825.7	4785.6	4769.0	4702.9
20°	4596.7	4599.0	4636.8	4653.3	4714.7	4761.9	4797.4	4790.3	4780.8	4799.7	4750.1
22.5°	4341.7	4358.2	4398.4	4424.3	4483.4	4537.7	4594.3	4625.0	4674.6	4752.5	4743.1
25°	3994.6	4015.9	4072.6	4115.1	4197.7	4280.3	4355.9	4410.2	4469.2	4617.9	4667.5
27.5°	3579.1	3612.2	3685.4	3727.9	3843.6	3928.5	4037.1	4143.4	4226.0	4396.0	4497.5
30°	3142.4	3170.7	3248.6	3307.6	3406.8	3522.5	3659.4	3810.5	3947.4	4119.8	4247.3
32.5°	2733.9	2764.6	2828.4	2880.3	2991.3	3088.1	3239.2	3425.7	3553.2	3791.6	3961.6
35°	2377.4	2405.8	2450.6	2495.5	2587.5	2686.7	2816.6	2998.3	3161.2	3409.1	3624.0
37.5°	2127.2	2131.9	2157.9	2183.8	2252.3	2327.9	2429.4	2589.9	2741.0	3007.8	3243.9
40°	1947.7	1947.7	1961.9	1969.0	1999.7	2044.5	2108.3	2233.4	2358.5	2561.6	2849.6
42.5°	1836.8	1832.1	1832.1	1834.4	1832.1	1853.3	1891.1	1950.1	2061.1	2228.7	2453.0
45°	1754.2	1744.7	1737.6	1721.1	1711.7	1711.7	1714.0	1735.3	1799.0	1907.6	2089.4
47.5°	1662.1	1659.7	1647.9	1629.0	1612.5	1600.7	1581.8	1574.7	1593.6	1655.0	1777.8
50°	1555.8	1544.0	1532.2	1518.1	1499.2	1487.4	1452.0	1454.3	1437.8	1466.1	1529.9
52.5°	1400.0	1390.6	1385.9	1374.0	1367.0	1362.2	1333.9	1305.6	1298.5	1303.2	1326.8
55°	1227.7	1232.4	1213.5	1222.9	1220.6	1199.3	1187.5	1166.3	1159.2	1156.8	1168.6
57.5°	1048.2	1053.0	1041.2	1050.6	1050.6	1038.8	1031.7	1031.7	1015.2	1001.0	1017.5
60°	885.3	875.9	883.0	894.8	894.8	887.7	883.0	883.0	871.2	866.5	878.3
62.5°	753.1	743.7	750.8	762.6	764.9	760.2	755.5	755.5	741.3	741.3	750.8
65°	651.6	654.0	651.6	661.1	661.1	663.4	658.7	654.0	637.4	644.5	642.2
67.5°	578.4	576.1	576.1	585.5	583.1	587.9	583.1	576.1	564.3	554.8	552.5
70°	517.0	514.7	514.7	519.4	521.8	521.8	519.4	514.7	498.2	488.7	481.6
72.5°	462.7	460.4	462.7	465.1	467.5	469.8	467.5	462.7	448.6	436.8	425.0
75°	413.2	410.8	417.9	417.9	420.2	420.2	422.6	420.2	408.4	394.3	380.1
77.5°	363.6	365.9	373.0	375.4	380.1	382.5	384.8	384.8	373.0	361.2	342.3
80°	323.4	328.2	332.9	335.2	340.0	347.1	349.4	351.8	342.3	330.5	309.3
82.5°	295.1	297.5	302.2	304.6	311.6	314.0	316.4	321.1	316.4	304.6	280.9
85°	271.5	273.9	278.6	278.6	283.3	288.0	290.4	292.8	290.4	278.6	255.0
87.5°	250.3	252.6	255.0	257.3	259.7	262.1	264.4	266.8	264.4	252.6	231.4
90°	231.4	231.4	233.7	233.7	236.1	238.5	243.2	243.2	240.8	231.4	210.1
92.5°	210.1	212.5	212.5	214.8	217.2	219.6	221.9	221.9	219.6	210.1	191.2
95°	196.0	196.0	198.3	198.3	200.7	200.7	203.0	203.0	200.7	191.2	172.3
97.5°	179.4	179.4	179.4	179.4	181.8	181.8	184.2	184.2	181.8	172.3	155.8
100°	165.3	165.3	165.3	165.3	165.3	167.6	167.6	167.6	165.3	155.8	139.3
102.5°	153.5	153.5	153.5	153.5	153.5	153.5	153.5	153.5	148.7	141.7	125.1
105°	146.4	146.4	146.4	144.0	144.0	144.0	141.7	141.7	134.6	127.5	113.3
107.5°	136.9	136.9	136.9	134.6	134.6	132.2	129.8	129.8	122.8	115.7	101.5
110°	129.8	129.8	129.8	127.5	125.1	122.8	120.4	118.0	111.0	101.5	89.7





TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	122.8	122.8	120.4	120.4	118.0	115.7	111.0	108.6	101.5	92.1	80.3
115°	113.3	113.3	113.3	111.0	108.6	106.2	103.9	99.2	92.1	82.6	70.8
117.5°	103.9	103.9	103.9	101.5	99.2	96.8	94.4	89.7	82.6	73.2	63.7
120°	94.4	94.4	94.4	92.1	89.7	87.4	85.0	80.3	73.2	66.1	54.3
122.5°	87.4	87.4	85.0	82.6	80.3	77.9	75.5	70.8	66.1	56.7	47.2
125°	77.9	77.9	75.5	75.5	73.2	70.8	68.5	63.7	56.7	49.6	42.5
127.5°	70.8	68.5	68.5	68.5	66.1	63.7	59.0	56.7	49.6	42.5	35.4
130°	61.4	61.4	61.4	59.0	59.0	56.7	51.9	47.2	42.5	37.8	30.7
132.5°	54.3	54.3	54.3	54.3	51.9	49.6	44.9	42.5	37.8	30.7	26.0
135°	49.6	49.6	47.2	47.2	44.9	42.5	40.1	35.4	30.7	26.0	21.2
137.5°	42.5	42.5	42.5	40.1	40.1	37.8	33.1	30.7	28.3	23.6	18.9
140°	37.8	37.8	35.4	35.4	33.1	33.1	30.7	26.0	23.6	18.9	16.5
142.5°	33.1	33.1	30.7	30.7	28.3	28.3	26.0	23.6	18.9	16.5	11.8
145°	28.3	28.3	26.0	26.0	26.0	23.6	21.2	18.9	16.5	14.2	11.8
147.5°	23.6	23.6	23.6	21.2	21.2	18.9	18.9	16.5	14.2	11.8	9.4
150°	21.2	21.2	18.9	18.9	18.9	16.5	14.2	14.2	11.8	9.4	7.1
152.5°	16.5	16.5	16.5	16.5	14.2	14.2	11.8	11.8	9.4	7.1	7.1
155°	14.2	14.2	14.2	11.8	11.8	11.8	9.4	9.4	7.1	7.1	4.7
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: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7	4570.7
2.5°	4544.7	4542.4	4563.6	4561.3	4532.9	4575.4	4603.8
5°	4532.9	4530.6	4549.5	4554.2	4523.5	4568.3	4599.0
7.5°	4523.5	4521.1	4542.4	4549.5	4518.8	4558.9	4592.0
10°	4525.9	4514.0	4532.9	4537.7	4509.3	4551.8	4580.2
12.5°	4542.4	4514.0	4521.1	4521.1	4495.2	4532.9	4563.6
15°	4582.5	4523.5	4514.0	4507.0	4473.9	4509.3	4540.0
17.5°	4627.4	4547.1	4514.0	4490.4	4450.3	4481.0	4514.0
20°	4672.2	4573.1	4518.8	4481.0	4426.7	4455.0	4478.6
22.5°	4693.5	4596.7	4523.5	4466.8	4398.4	4412.5	4438.5
25°	4665.1	4587.2	4514.0	4445.6	4362.9	4365.3	4386.6
27.5°	4561.3	4540.0	4492.8	4424.3	4334.6	4322.8	4339.3
30°	4384.2	4443.2	4445.6	4396.0	4301.6	4278.0	4285.0
32.5°	4136.3	4268.5	4346.4	4337.0	4254.3	4221.3	4226.0
35°	3850.6	4015.9	4185.9	4242.5	4183.5	4157.6	4148.1
37.5°	3508.3	3730.2	3956.9	4096.2	4086.7	4070.2	4060.8
40°	3130.6	3397.3	3666.5	3888.4	3956.9	3956.9	3961.6
42.5°	2726.8	3038.5	3333.6	3614.5	3775.1	3810.5	3824.7
45°	2337.3	2651.3	2972.4	3295.8	3510.7	3621.6	3661.8
47.5°	1983.2	2299.5	2604.1	2958.2	3243.9	3387.9	3451.6
50°	1681.0	1917.1	2238.1	2589.9	2901.6	3078.6	3203.7
52.5°	1430.7	1614.9	1895.8	2224.0	2538.0	2781.1	2896.8
55°	1220.6	1345.7	1584.2	1867.5	2167.3	2419.9	2554.5
57.5°	1043.5	1142.7	1305.6	1541.7	1794.3	2044.5	2188.6
60°	887.7	956.2	1067.1	1253.6	1468.5	1683.3	1822.6
62.5°	753.1	798.0	871.2	1008.1	1175.7	1343.4	1473.2
65°	649.2	668.1	708.3	793.3	920.8	1048.2	1159.2
67.5°	547.7	559.5	590.2	642.2	705.9	798.0	871.2
70°	472.2	472.2	474.5	505.2	538.3	597.3	649.2
72.5°	410.8	403.7	389.5	396.6	403.7	436.8	469.8
75°	361.2	344.7	321.1	311.6	306.9	311.6	330.5
77.5°	318.7	295.1	266.8	243.2	224.3	217.2	233.7
80°	283.3	255.0	221.9	191.2	160.5	144.0	151.1
82.5°	255.0	219.6	184.2	148.7	113.3	89.7	89.7
85°	224.3	191.2	153.5	115.7	80.3	49.6	44.9
87.5°	203.0	167.6	127.5	92.1	56.7	26.0	14.2
90°	181.8	146.4	108.6	73.2	40.1	11.8	0.0
92.5°	162.9	129.8	94.4	59.0	28.3	7.1	0.0
95°	146.4	115.7	80.3	49.6	23.6	4.7	2.4
97.5°	129.8	101.5	70.8	40.1	16.5	4.7	2.4
100°	118.0	89.7	61.4	33.1	14.2	2.4	2.4
102.5°	103.9	80.3	51.9	28.3	11.8	2.4	2.4
105°	92.1	70.8	44.9	23.6	9.4	2.4	2.4
107.5°	82.6	61.4	40.1	21.2	9.4	2.4	2.4
110°	73.2	54.3	35.4	18.9	7.1	2.4	2.4



TEST NUMBER: P290250

CATALOG NUMBER: 8SSRK-LC-10-L840-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	66.1	47.2	30.7	16.5	4.7	2.4	2.4
115°	56.7	42.5	26.0	14.2	4.7	2.4	2.4
117.5°	49.6	35.4	23.6	11.8	4.7	2.4	2.4
120°	42.5	30.7	18.9	9.4	2.4	2.4	2.4
122.5°	37.8	26.0	16.5	9.4	2.4	2.4	2.4
125°	33.1	23.6	14.2	7.1	2.4	2.4	2.4
127.5°	28.3	18.9	11.8	4.7	2.4	2.4	2.4
130°	23.6	16.5	9.4	4.7	2.4	2.4	2.4
132.5°	18.9	14.2	9.4	4.7	2.4	2.4	2.4
135°	16.5	11.8	7.1	4.7	2.4	2.4	2.4
137.5°	14.2	9.4	4.7	4.7	4.7	2.4	2.4
140°	11.8	7.1	4.7	4.7	4.7	4.7	2.4
142.5°	9.4	7.1	4.7	4.7	4.7	4.7	2.4
145°	7.1	4.7	4.7	4.7	4.7	4.7	2.4
147.5°	7.1	4.7	4.7	4.7	4.7	4.7	2.4
150°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
152.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
155°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
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)