

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: P290248

Luminaire Tested: **8SSRK-LC-10-L830-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: P290248
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-L830-CD1-U
Description: 10000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10532.9 lumens
Efficiency: N/A
Efficacy: 146.5 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

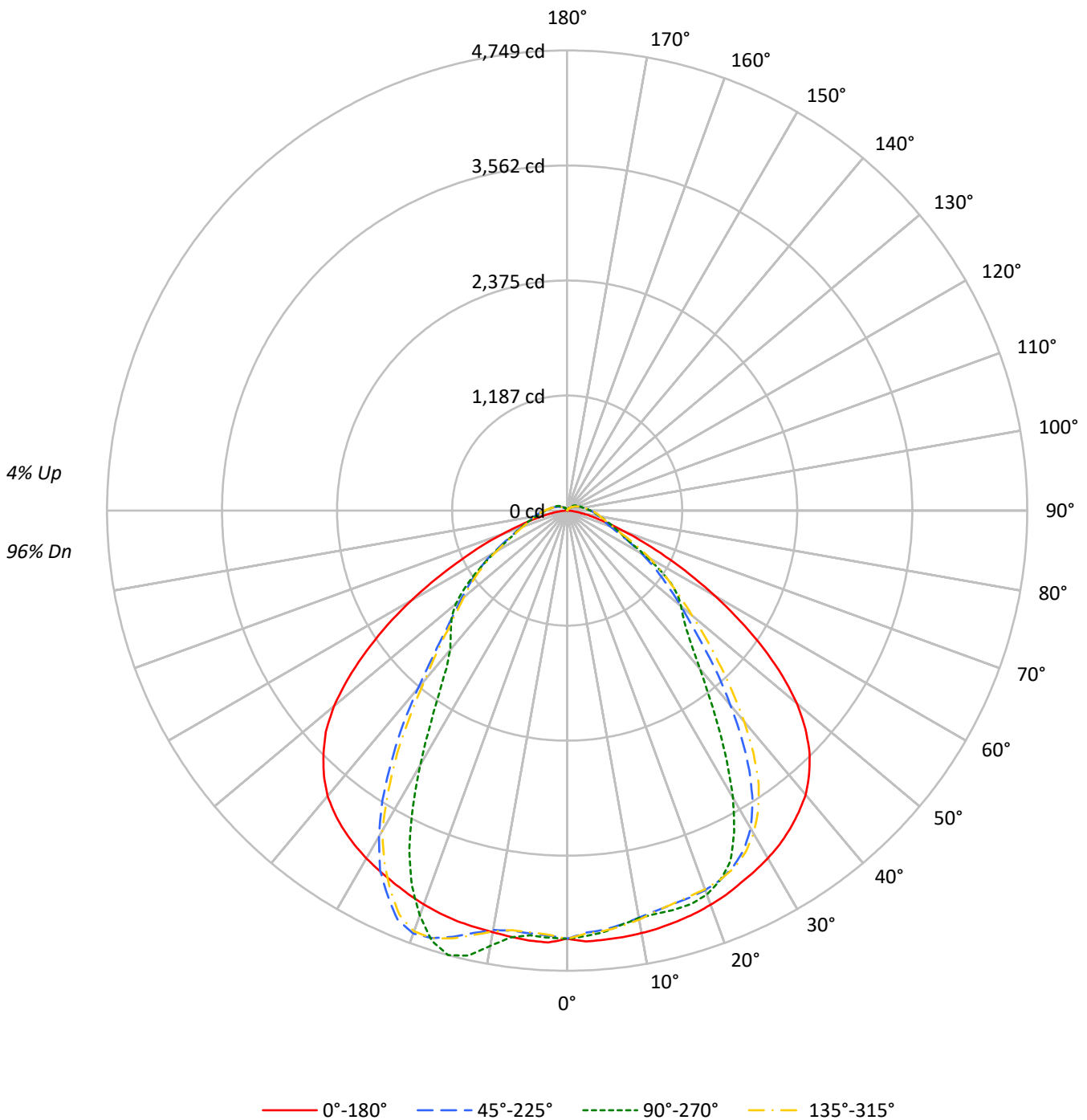
Input Watts (W): 71.9151
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	142673	142673	142673	142673
5°	143844	104831	144139	105652
10°	144641	82102	144344	87676
15°	145899	68827	145823	76634
20°	147652	59012	147495	62207
25°	149627	49607	149546	47933
30°	152611	38545	152696	34147
35°	155796	28167	156239	23835
40°	158654	20604	159316	18152
45°	158344	15904	159163	15488
50°	151809	13359	153936	13061
55°	135001	10948	138369	9953
60°	109820	7622	115654	6990
65°	81954	5279	88302	5007
70°	56046	4097	63181	3918
75°	36987	3289	43064	3110
80°	24298	2688	28472	2472
85°	12987	2298	17087	2099



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	419.7	4.0
10°-20°	1248.7	11.9
20°-30°	1898.4	18.0
30°-40°	2036.5	19.3
40°-50°	1767.5	16.8
50°-60°	1309.9	12.4
60°-70°	750.5	7.1
70°-80°	415.6	3.9
80°-90°	253.1	2.4
90°-100°	164.6	1.6
100°-110°	110.2	1.0
110°-120°	74.4	0.7
120°-130°	45.7	0.4
130°-140°	24.0	0.2
140°-150°	11.0	0.1
150°-160°	3.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3566.8	33.9
0°-40°	5603.3	53.2
0°-60°	8680.6	82.4
0°-90°	10099.8	95.9
90°-120°	349.2	3.3
90°-150°	429.9	4.1
90°-180°	433.0	4.1
0°-180°	10532.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4418	4418	4418	4418	4418	
5°	4446	4366	4455	4400	4446	424
15°	4389	4265	4386	4749	4389	1242
25°	4240	3989	4238	3855	4240	1960
35°	4010	2716	4021	2298	4010	2510
45°	3540	1741	3558	1696	3540	2710
55°	2469	1305	2531	1187	2469	2190
65°	1120	662	1207	628	1120	1130
75°	320	420	372	397	320	365
85°	43	290	57	265	43	57
90°	0	242	5	224	0	2
95°	2	198	0	189	2	2
105°	2	148	2	142	2	2
115°	2	121	2	110	2	2
125°	2	91	2	75	2	2
135°	2	57	2	48	2	2
145°	2	34	5	27	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°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4450.2	4438.8	4434.3	4425.1	4432.0	4459.4	4441.1	4411.4	4413.7	4361.2	4388.6
5°	4445.7	4432.0	4425.1	4416.0	4420.6	4445.7	4427.4	4397.7	4395.5	4343.0	4368.1
7.5°	4438.8	4425.1	4413.7	4406.9	4409.1	4429.7	4406.9	4372.6	4365.8	4308.7	4331.6
10°	4427.4	4418.3	4402.3	4390.9	4388.6	4411.4	4374.9	4340.7	4324.7	4265.4	4288.2
12.5°	4411.4	4397.7	4381.8	4361.2	4358.9	4372.6	4343.0	4295.0	4279.1	4231.1	4256.2
15°	4388.6	4372.6	4354.4	4331.6	4320.1	4329.3	4292.8	4249.4	4247.1	4206.0	4240.3
17.5°	4363.5	4340.7	4320.1	4288.2	4272.2	4279.1	4249.4	4210.6	4215.2	4190.1	4228.9
20°	4329.3	4304.2	4272.2	4240.3	4217.4	4228.9	4208.3	4178.6	4185.5	4167.2	4201.5
22.5°	4290.5	4256.2	4217.4	4180.9	4162.7	4178.6	4162.7	4137.6	4139.9	4128.4	4149.0
25°	4240.3	4201.5	4155.8	4110.2	4101.1	4112.5	4103.3	4082.8	4073.7	4055.4	4064.5
27.5°	4194.6	4151.3	4094.2	4046.3	4030.3	4053.1	4032.6	3998.4	3973.3	3948.2	3929.9
30°	4142.1	4089.6	4025.7	3971.0	3957.3	3966.4	3936.7	3884.2	3818.1	3786.1	3735.9
32.5°	4085.1	4016.6	3936.7	3875.1	3866.0	3859.1	3804.4	3729.1	3626.4	3562.5	3484.9
35°	4009.8	3934.5	3838.6	3763.3	3749.6	3710.8	3621.8	3521.4	3389.0	3279.5	3147.1
37.5°	3925.3	3836.3	3735.9	3635.5	3596.7	3519.1	3393.6	3288.6	3087.8	2955.4	2795.7
40°	3829.5	3722.2	3599.0	3478.0	3414.1	3288.6	3144.8	2989.6	2795.7	2617.6	2483.0
42.5°	3697.1	3583.0	3436.9	3302.3	3192.8	3026.2	2857.3	2638.2	2460.2	2309.6	2172.6
45°	3539.6	3402.7	3233.8	3071.8	2932.6	2734.0	2535.5	2316.4	2168.1	1992.3	1898.8
47.5°	3336.5	3188.2	3007.9	2827.6	2645.0	2425.9	2218.3	2008.3	1860.0	1734.4	1666.0
50°	3096.9	2960.0	2761.4	2546.9	2346.1	2117.9	1910.2	1752.7	1608.9	1531.3	1478.8
52.5°	2800.2	2672.4	2469.3	2236.5	2042.5	1818.9	1629.5	1501.7	1399.0	1341.9	1323.7
55°	2469.3	2357.5	2156.6	1939.8	1741.3	1535.9	1392.1	1280.3	1214.1	1179.9	1182.2
57.5°	2115.6	2028.8	1839.4	1645.4	1458.3	1303.1	1173.0	1084.0	1033.8	1031.5	1038.4
60°	1761.8	1697.9	1533.6	1367.0	1202.7	1077.2	981.3	919.7	887.8	890.0	887.8
62.5°	1424.1	1364.7	1246.1	1109.1	979.1	894.6	807.9	782.8	755.4	753.1	753.1
65°	1120.5	1074.9	979.1	880.9	782.8	728.0	684.7	655.0	634.4	629.9	632.2
67.5°	842.1	823.9	757.7	691.5	629.9	595.6	559.1	552.3	536.3	536.3	540.9
70°	627.6	613.9	577.4	538.6	513.5	490.7	472.4	472.4	470.1	467.8	479.3
72.5°	454.2	456.4	445.0	415.4	413.1	408.5	403.9	410.8	413.1	419.9	433.6
75°	319.5	326.4	326.4	321.8	330.9	342.3	349.2	360.6	374.3	383.4	399.4
77.5°	225.9	225.9	237.3	251.0	269.3	289.8	308.1	324.1	342.3	353.7	367.4
80°	146.1	152.9	171.2	196.3	221.4	248.8	273.9	294.4	312.7	330.9	340.0
82.5°	86.7	98.1	121.0	152.9	184.9	219.1	244.2	269.3	289.8	308.1	314.9
85°	43.4	59.3	86.7	121.0	155.2	191.7	223.7	246.5	269.3	285.3	294.4
87.5°	13.7	32.0	61.6	93.6	130.1	166.6	200.8	225.9	246.5	260.2	269.3
90°	0.0	16.0	43.4	77.6	111.8	148.3	180.3	207.7	228.2	239.6	246.5
92.5°	0.0	9.1	34.2	63.9	95.9	132.4	164.3	189.4	207.7	219.1	223.7
95°	2.3	6.8	25.1	52.5	84.4	118.7	148.3	171.2	189.4	200.8	203.1
97.5°	2.3	4.6	20.5	43.4	73.0	105.0	134.6	157.5	171.2	182.6	184.9
100°	2.3	4.6	16.0	38.8	63.9	93.6	121.0	141.5	157.5	166.6	168.9
102.5°	2.3	2.3	13.7	32.0	57.1	82.2	107.3	127.8	141.5	150.6	155.2
105°	2.3	2.3	11.4	27.4	50.2	73.0	95.9	116.4	127.8	136.9	141.5
107.5°	2.3	2.3	9.1	22.8	43.4	63.9	86.7	102.7	116.4	125.5	130.1
110°	2.3	2.3	6.8	20.5	36.5	57.1	75.3	91.3	105.0	114.1	118.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.3	2.3	6.8	18.3	32.0	50.2	66.2	82.2	93.6	102.7	109.5
115°	2.3	2.3	6.8	16.0	29.7	43.4	59.3	73.0	84.4	93.6	100.4
117.5°	2.3	2.3	6.8	13.7	25.1	38.8	52.5	66.2	75.3	84.4	91.3
120°	2.3	2.3	4.6	11.4	22.8	34.2	45.6	57.1	68.5	77.6	84.4
122.5°	2.3	2.3	4.6	11.4	18.3	29.7	41.1	50.2	61.6	68.5	75.3
125°	2.3	2.3	4.6	9.1	16.0	27.4	36.5	45.6	52.5	61.6	68.5
127.5°	2.3	2.3	4.6	9.1	13.7	22.8	32.0	41.1	47.9	54.8	59.3
130°	2.3	2.3	4.6	6.8	11.4	18.3	27.4	34.2	43.4	47.9	52.5
132.5°	2.3	2.3	2.3	6.8	9.1	13.7	20.5	29.7	36.5	43.4	45.6
135°	2.3	2.3	2.3	4.6	9.1	11.4	16.0	22.8	29.7	36.5	41.1
137.5°	2.3	2.3	2.3	4.6	6.8	11.4	13.7	18.3	25.1	29.7	36.5
140°	2.3	2.3	2.3	4.6	6.8	9.1	11.4	16.0	20.5	25.1	29.7
142.5°	2.3	2.3	2.3	4.6	4.6	6.8	9.1	13.7	16.0	20.5	25.1
145°	2.3	2.3	2.3	4.6	4.6	6.8	9.1	11.4	13.7	16.0	20.5
147.5°	2.3	2.3	2.3	4.6	4.6	4.6	6.8	9.1	11.4	13.7	16.0
150°	4.6	4.6	4.6	4.6	4.6	4.6	6.8	6.8	9.1	11.4	13.7
152.5°	4.6	4.6	4.6	4.6	4.6	4.6	6.8	6.8	6.8	9.1	11.4
155°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.8	6.8	9.1	9.1
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4379.5	4384.0	4411.4	4409.1	4404.6	4400.0	4400.0	4395.5	4400.0	4411.4	4406.9
5°	4356.7	4363.5	4384.0	4381.8	4377.2	4374.9	4372.6	4365.8	4370.4	4386.3	4381.8
7.5°	4315.6	4322.4	4340.7	4331.6	4324.7	4329.3	4317.9	4311.0	4320.1	4336.1	4333.8
10°	4272.2	4276.8	4299.6	4295.0	4283.6	4285.9	4274.5	4269.9	4281.3	4290.5	4292.8
12.5°	4242.6	4258.5	4279.1	4276.8	4274.5	4276.8	4265.4	4260.8	4267.7	4276.8	4274.5
15°	4235.7	4256.2	4279.1	4279.1	4281.3	4283.6	4272.2	4265.4	4272.2	4279.1	4276.8
17.5°	4228.9	4254.0	4274.5	4272.2	4274.5	4279.1	4260.8	4256.2	4265.4	4274.5	4269.9
20°	4206.0	4228.9	4242.6	4238.0	4238.0	4240.3	4217.4	4217.4	4231.1	4238.0	4240.3
22.5°	4142.1	4169.5	4169.5	4158.1	4158.1	4149.0	4142.1	4128.4	4144.4	4155.8	4165.0
25°	4046.3	4057.7	4044.0	4018.9	4005.2	3993.8	3961.8	3989.2	3989.2	4023.5	4034.9
27.5°	3911.6	3886.5	3847.7	3795.2	3783.8	3747.3	3726.8	3733.6	3745.0	3793.0	3829.5
30°	3690.3	3615.0	3548.8	3525.9	3475.7	3439.2	3402.7	3421.0	3441.5	3468.9	3544.2
32.5°	3398.1	3325.1	3217.9	3179.1	3126.6	3080.9	3037.6	3065.0	3101.5	3119.7	3201.9
35°	3062.7	2975.9	2877.8	2811.6	2756.9	2731.8	2677.0	2715.8	2754.6	2768.3	2839.0
37.5°	2706.7	2617.6	2530.9	2473.9	2421.4	2405.4	2368.9	2396.3	2425.9	2446.5	2505.8
40°	2368.9	2286.7	2220.5	2181.8	2145.2	2131.5	2117.9	2129.3	2152.1	2168.1	2213.7
42.5°	2079.1	2012.9	1967.2	1944.4	1919.3	1901.0	1903.3	1907.9	1919.3	1953.5	1974.1
45°	1825.7	1786.9	1757.3	1752.7	1736.7	1734.4	1732.2	1741.3	1748.1	1768.7	1784.7
47.5°	1622.6	1606.6	1599.8	1608.9	1615.8	1606.6	1611.2	1622.6	1636.3	1636.3	1634.0
50°	1462.9	1467.4	1476.6	1497.1	1510.8	1515.4	1519.9	1533.6	1535.9	1540.5	1533.6
52.5°	1332.8	1337.4	1362.5	1394.4	1410.4	1417.2	1426.4	1440.0	1440.0	1444.6	1435.5
55°	1200.4	1207.3	1232.4	1264.3	1278.0	1287.1	1296.3	1305.4	1312.2	1321.4	1314.5
57.5°	1054.4	1074.9	1090.9	1100.0	1109.1	1116.0	1122.8	1125.1	1138.8	1141.1	1152.5
60°	899.2	903.7	919.7	917.4	910.6	928.8	919.7	935.7	951.7	972.2	974.5
62.5°	750.8	753.1	764.5	760.0	769.1	766.8	773.7	773.7	785.1	794.2	805.6
65°	634.4	636.7	645.9	645.9	643.6	650.4	657.3	661.8	661.8	668.7	677.8
67.5°	547.7	554.6	563.7	568.3	572.8	572.8	579.7	582.0	586.5	588.8	593.4
70°	488.4	497.5	506.6	511.2	513.5	518.1	520.3	520.3	524.9	527.2	531.7
72.5°	445.0	454.2	461.0	461.0	465.6	467.8	467.8	470.1	472.4	477.0	481.5
75°	408.5	415.4	419.9	417.6	417.6	417.6	419.9	419.9	424.5	429.0	433.6
77.5°	374.3	381.1	381.1	376.6	376.6	376.6	376.6	378.8	381.1	385.7	390.3
80°	349.2	349.2	346.9	346.9	342.3	340.0	340.0	342.3	342.3	346.9	353.7
82.5°	321.8	321.8	319.5	317.2	314.9	312.7	312.7	314.9	317.2	319.5	324.1
85°	296.7	296.7	292.1	292.1	289.8	289.8	289.8	289.8	292.1	294.4	299.0
87.5°	271.6	269.3	267.0	264.7	264.7	264.7	264.7	264.7	267.0	271.6	273.9
90°	246.5	244.2	241.9	241.9	239.6	239.6	241.9	241.9	244.2	246.5	248.8
92.5°	223.7	221.4	219.1	219.1	216.8	216.8	219.1	216.8	221.4	221.4	223.7
95°	203.1	200.8	198.5	198.5	198.5	198.5	198.5	198.5	200.8	200.8	203.1
97.5°	184.9	182.6	180.3	180.3	182.6	180.3	182.6	182.6	182.6	184.9	187.1
100°	168.9	166.6	166.6	168.9	166.6	166.6	168.9	168.9	168.9	168.9	171.2
102.5°	155.2	155.2	155.2	155.2	155.2	155.2	157.5	157.5	157.5	157.5	159.8
105°	141.5	143.8	143.8	143.8	146.1	146.1	146.1	148.3	148.3	148.3	148.3
107.5°	132.4	134.6	134.6	136.9	136.9	139.2	139.2	139.2	139.2	141.5	141.5
110°	123.2	125.5	127.8	130.1	130.1	132.4	132.4	132.4	132.4	132.4	132.4



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	114.1	116.4	118.7	123.2	125.5	125.5	125.5	125.5	127.8	127.8	125.5
115°	105.0	109.5	111.8	116.4	118.7	118.7	121.0	121.0	121.0	121.0	118.7
117.5°	95.9	102.7	105.0	109.5	111.8	111.8	114.1	114.1	114.1	114.1	111.8
120°	89.0	93.6	98.1	100.4	102.7	105.0	105.0	107.3	107.3	107.3	105.0
122.5°	82.2	86.7	91.3	93.6	95.9	98.1	98.1	98.1	98.1	98.1	98.1
125°	73.0	77.6	82.2	84.4	86.7	89.0	89.0	91.3	91.3	91.3	89.0
127.5°	66.2	70.7	73.0	77.6	79.9	79.9	82.2	82.2	82.2	82.2	79.9
130°	57.1	61.6	66.2	68.5	70.7	70.7	73.0	73.0	73.0	73.0	73.0
132.5°	50.2	54.8	57.1	61.6	61.6	63.9	63.9	66.2	66.2	66.2	63.9
135°	45.6	47.9	50.2	54.8	54.8	57.1	57.1	57.1	57.1	57.1	57.1
137.5°	41.1	43.4	45.6	47.9	47.9	50.2	50.2	50.2	50.2	52.5	50.2
140°	34.2	38.8	41.1	41.1	43.4	43.4	43.4	45.6	45.6	45.6	43.4
142.5°	29.7	32.0	34.2	36.5	38.8	38.8	38.8	38.8	41.1	38.8	38.8
145°	22.8	27.4	29.7	32.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
147.5°	18.3	20.5	25.1	27.4	27.4	29.7	29.7	29.7	29.7	29.7	29.7
150°	16.0	16.0	20.5	22.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1
152.5°	11.4	13.7	16.0	18.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5
155°	11.4	11.4	13.7	13.7	16.0	16.0	16.0	16.0	18.3	16.0	16.0
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: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4400.0	4397.7	4406.9	4397.7	4352.1	4370.4	4363.5	4388.6	4390.9	4397.7	4420.6
5°	4377.2	4377.2	4388.6	4379.5	4336.1	4354.4	4352.1	4377.2	4381.8	4386.3	4411.4
7.5°	4331.6	4333.8	4349.8	4343.0	4297.3	4324.7	4322.4	4352.1	4361.2	4370.4	4393.2
10°	4288.2	4285.9	4304.2	4297.3	4254.0	4285.9	4283.6	4313.3	4327.0	4343.0	4370.4
12.5°	4265.4	4258.5	4265.4	4258.5	4210.6	4235.7	4238.0	4272.2	4288.2	4308.7	4340.7
15°	4265.4	4254.0	4254.0	4240.3	4185.5	4201.5	4203.8	4226.6	4247.1	4267.7	4306.5
17.5°	4260.8	4249.4	4247.1	4235.7	4176.4	4176.4	4174.1	4190.1	4201.5	4222.0	4263.1
20°	4235.7	4231.1	4228.9	4222.0	4167.2	4158.1	4153.5	4153.5	4160.4	4167.2	4208.3
22.5°	4169.5	4174.1	4178.6	4183.2	4139.9	4123.9	4126.2	4121.6	4114.7	4114.7	4149.0
25°	4046.3	4069.1	4087.4	4107.9	4082.8	4071.4	4085.1	4078.2	4066.8	4057.7	4087.4
27.5°	3850.0	3897.9	3936.7	3986.9	3989.2	3980.1	4016.6	4012.1	4009.8	3996.1	4018.9
30°	3578.4	3653.8	3706.2	3779.3	3840.9	3850.0	3911.6	3920.8	3929.9	3923.0	3945.9
32.5°	3249.8	3352.5	3441.5	3555.6	3615.0	3667.4	3754.2	3790.7	3827.2	3838.6	3863.7
35°	2891.5	3007.9	3112.9	3238.4	3332.0	3446.1	3551.1	3605.8	3688.0	3719.9	3756.4
37.5°	2551.5	2661.0	2763.7	2889.2	3039.8	3158.5	3288.6	3411.8	3523.7	3569.3	3624.1
40°	2250.2	2339.2	2437.4	2546.9	2683.8	2839.0	2980.5	3151.7	3284.0	3375.3	3455.2
42.5°	2022.0	2065.4	2149.8	2247.9	2357.5	2514.9	2658.7	2850.4	3010.2	3140.3	3272.6
45°	1818.9	1839.4	1901.0	1953.5	2065.4	2204.6	2357.5	2544.6	2711.2	2877.8	3037.6
47.5°	1645.4	1670.5	1700.2	1732.2	1812.0	1928.4	2060.8	2229.7	2396.3	2590.3	2772.8
50°	1529.1	1535.9	1540.5	1554.2	1602.1	1682.0	1789.2	1933.0	2092.7	2300.4	2494.4
52.5°	1426.4	1426.4	1412.7	1405.8	1424.1	1474.3	1535.9	1638.6	1802.9	1994.6	2200.0
55°	1316.8	1296.3	1291.7	1268.9	1273.4	1296.3	1325.9	1405.8	1540.5	1704.8	1903.3
57.5°	1163.9	1154.8	1154.8	1145.6	1127.4	1138.8	1145.6	1202.7	1298.6	1440.0	1613.5
60°	988.2	983.6	995.0	997.3	981.3	988.2	985.9	1020.1	1088.6	1202.7	1346.5
62.5°	812.5	833.0	835.3	844.4	835.3	833.0	844.4	874.1	908.3	995.0	1106.9
65°	682.4	693.8	696.1	707.5	702.9	702.9	712.0	734.9	755.4	814.7	901.5
67.5°	597.9	593.4	595.6	602.5	595.6	593.4	600.2	613.9	629.9	666.4	728.0
70°	531.7	527.2	527.2	527.2	518.1	511.2	513.5	518.1	524.9	545.4	584.2
72.5°	481.5	481.5	474.7	467.8	461.0	456.4	451.9	447.3	445.0	451.9	472.4
75°	435.9	438.2	435.9	429.0	419.9	410.8	401.7	392.5	381.1	376.6	378.8
77.5°	394.8	397.1	399.4	397.1	388.0	376.6	362.9	349.2	333.2	317.2	308.1
80°	358.3	362.9	365.1	362.9	356.0	346.9	330.9	314.9	292.1	271.6	248.8
82.5°	326.4	333.2	335.5	335.5	330.9	321.8	303.5	285.3	260.2	232.8	203.1
85°	301.2	305.8	310.4	310.4	308.1	299.0	280.7	260.2	235.1	203.1	171.2
87.5°	276.1	278.4	283.0	287.6	283.0	273.9	257.9	235.1	210.0	178.0	141.5
90°	251.0	253.3	257.9	262.4	260.2	251.0	237.3	216.8	189.4	155.2	118.7
92.5°	225.9	230.5	232.8	235.1	237.3	230.5	219.1	198.5	171.2	136.9	102.7
95°	207.7	207.7	212.2	214.5	216.8	210.0	200.8	180.3	155.2	123.2	89.0
97.5°	189.4	189.4	194.0	194.0	196.3	191.7	182.6	164.3	139.2	109.5	75.3
100°	171.2	173.4	175.7	178.0	178.0	175.7	166.6	148.3	125.5	98.1	66.2
102.5°	159.8	159.8	162.0	162.0	164.3	159.8	150.6	134.6	111.8	86.7	57.1
105°	148.3	148.3	150.6	150.6	148.3	143.8	134.6	121.0	100.4	75.3	50.2
107.5°	139.2	139.2	139.2	139.2	136.9	132.4	123.2	107.3	89.0	68.5	45.6
110°	132.4	130.1	130.1	127.8	125.5	118.7	109.5	95.9	79.9	59.3	38.8



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	125.5	123.2	121.0	118.7	114.1	107.3	98.1	86.7	70.7	52.5	34.2
115°	118.7	116.4	114.1	109.5	105.0	98.1	89.0	77.6	61.6	45.6	29.7
117.5°	111.8	109.5	105.0	100.4	95.9	89.0	79.9	68.5	54.8	41.1	27.4
120°	102.7	100.4	98.1	93.6	89.0	79.9	70.7	61.6	47.9	36.5	22.8
122.5°	95.9	93.6	89.0	86.7	79.9	73.0	63.9	54.8	43.4	32.0	20.5
125°	86.7	84.4	82.2	77.6	73.0	63.9	57.1	47.9	38.8	27.4	16.0
127.5°	79.9	77.6	73.0	68.5	63.9	57.1	50.2	43.4	34.2	22.8	16.0
130°	70.7	68.5	66.2	61.6	57.1	50.2	45.6	36.5	29.7	20.5	13.7
132.5°	61.6	61.6	59.3	54.8	50.2	45.6	38.8	32.0	25.1	18.3	11.4
135°	57.1	54.8	52.5	47.9	45.6	38.8	34.2	27.4	20.5	16.0	9.1
137.5°	50.2	47.9	45.6	43.4	38.8	34.2	29.7	22.8	18.3	13.7	9.1
140°	43.4	41.1	41.1	36.5	34.2	29.7	25.1	20.5	16.0	11.4	6.8
142.5°	38.8	36.5	34.2	32.0	29.7	25.1	20.5	16.0	13.7	9.1	6.8
145°	34.2	32.0	29.7	27.4	25.1	20.5	18.3	13.7	11.4	9.1	6.8
147.5°	27.4	27.4	25.1	22.8	20.5	18.3	16.0	13.7	9.1	6.8	4.6
150°	22.8	22.8	20.5	18.3	18.3	16.0	13.7	11.4	9.1	6.8	4.6
152.5°	20.5	18.3	18.3	16.0	16.0	13.7	11.4	9.1	6.8	6.8	4.6
155°	16.0	16.0	16.0	13.7	13.7	11.4	9.1	9.1	6.8	4.6	4.6
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: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4425.1	4397.7	4420.6	4461.6	4457.1	4452.5	4447.9	4457.1	4486.7	4470.8	4445.7
5°	4418.3	4390.9	4416.0	4454.8	4452.5	4445.7	4441.1	4450.2	4479.9	4463.9	4436.5
7.5°	4404.6	4379.5	4397.7	4436.5	4436.5	4432.0	4427.4	4436.5	4463.9	4450.2	4422.8
10°	4381.8	4363.5	4381.8	4418.3	4420.6	4411.4	4406.9	4418.3	4445.7	4438.8	4416.0
12.5°	4363.5	4345.2	4365.8	4402.3	4404.6	4395.5	4388.6	4402.3	4438.8	4443.4	4436.5
15°	4338.4	4322.4	4347.5	4386.3	4386.3	4379.5	4379.5	4397.7	4447.9	4468.5	4479.9
17.5°	4301.9	4290.5	4320.1	4358.9	4361.2	4356.7	4358.9	4395.5	4461.6	4511.8	4543.8
20°	4256.2	4251.7	4283.6	4324.7	4331.6	4333.8	4345.2	4400.0	4491.3	4559.8	4591.7
22.5°	4201.5	4203.8	4240.3	4283.6	4292.8	4299.6	4322.4	4400.0	4514.1	4587.2	4600.9
25°	4139.9	4146.7	4185.5	4238.0	4249.4	4263.1	4301.9	4402.3	4521.0	4568.9	4546.1
27.5°	4073.7	4087.4	4137.6	4192.3	4206.0	4228.9	4279.1	4388.6	4489.0	4491.3	4406.9
30°	4005.2	4021.2	4080.5	4144.4	4167.2	4190.1	4251.7	4356.7	4411.4	4338.4	4190.1
32.5°	3927.6	3950.4	4009.8	4087.4	4114.7	4144.4	4206.0	4295.0	4274.5	4117.0	3904.8
35°	3829.5	3861.4	3929.9	4021.2	4046.3	4085.1	4128.4	4149.0	4057.7	3834.0	3594.4
37.5°	3708.5	3756.4	3836.3	3941.3	3968.7	3993.8	4005.2	3948.2	3765.6	3523.7	3274.9
40°	3569.3	3642.3	3729.1	3845.5	3872.8	3872.8	3831.8	3710.8	3480.3	3163.1	2886.9
42.5°	3400.4	3489.4	3599.0	3715.4	3742.8	3710.8	3612.7	3400.4	3138.0	2784.2	2492.1
45°	3195.0	3313.7	3436.9	3557.9	3571.6	3500.8	3325.1	3055.8	2731.8	2403.1	2124.7
47.5°	2950.8	3106.0	3240.7	3377.6	3359.4	3240.7	3005.6	2699.8	2357.5	2047.1	1823.5
50°	2677.0	2859.6	3010.2	3140.3	3101.5	2937.2	2661.0	2341.5	2001.5	1736.7	1551.9
52.5°	2384.9	2594.8	2745.4	2850.4	2797.9	2601.7	2298.1	1992.3	1713.9	1472.0	1348.8
55°	2081.3	2293.6	2448.8	2530.9	2462.5	2250.2	1951.3	1672.8	1410.4	1252.9	1179.9
57.5°	1786.9	1985.5	2131.5	2197.7	2111.0	1898.8	1622.6	1387.6	1198.1	1065.8	1029.3
60°	1503.9	1666.0	1805.2	1855.4	1761.8	1565.6	1328.2	1141.1	1001.9	910.6	892.3
62.5°	1241.5	1373.9	1483.4	1522.2	1430.9	1278.0	1072.6	933.4	835.3	789.6	766.8
65°	1024.7	1102.3	1214.1	1207.3	1152.5	1011.0	860.4	762.2	698.3	668.7	655.0
67.5°	805.6	876.4	947.1	956.2	887.8	789.6	691.5	620.7	586.5	570.5	563.7
70°	623.0	675.5	718.9	707.5	671.0	609.3	547.7	508.9	495.2	488.4	488.4
72.5°	483.8	511.2	531.7	518.1	495.2	463.3	433.6	417.6	419.9	424.5	429.0
75°	374.3	381.1	385.7	372.0	367.4	346.9	344.6	346.9	360.6	374.3	381.1
77.5°	287.6	278.4	271.6	257.9	260.2	257.9	269.3	287.6	308.1	328.6	346.9
80°	221.4	200.8	184.9	171.2	178.0	189.4	212.2	239.6	267.0	289.8	312.7
82.5°	171.2	141.5	118.7	105.0	118.7	136.9	166.6	200.8	232.8	257.9	283.0
85°	132.4	98.1	70.7	57.1	70.7	98.1	130.1	168.9	203.1	230.5	255.6
87.5°	102.7	70.7	38.8	22.8	38.8	68.5	105.0	141.5	175.7	207.7	232.8
90°	82.2	47.9	18.3	4.6	20.5	47.9	82.2	118.7	152.9	187.1	212.2
92.5°	66.2	34.2	9.1	0.0	11.4	36.5	68.5	102.7	136.9	168.9	194.0
95°	54.8	27.4	6.8	0.0	9.1	27.4	54.8	89.0	121.0	152.9	173.4
97.5°	45.6	20.5	4.6	0.0	4.6	22.8	45.6	75.3	107.3	136.9	157.5
100°	38.8	18.3	4.6	0.0	4.6	18.3	38.8	66.2	93.6	121.0	141.5
102.5°	32.0	13.7	2.3	2.3	2.3	13.7	34.2	57.1	82.2	107.3	127.8
105°	29.7	11.4	2.3	2.3	2.3	11.4	29.7	50.2	73.0	95.9	114.1
107.5°	25.1	9.1	2.3	2.3	2.3	9.1	25.1	43.4	66.2	86.7	102.7
110°	20.5	9.1	2.3	2.3	2.3	9.1	20.5	38.8	57.1	75.3	91.3



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	18.3	6.8	2.3	2.3	2.3	6.8	18.3	34.2	50.2	68.5	82.2
115°	16.0	6.8	2.3	2.3	2.3	6.8	16.0	29.7	43.4	59.3	73.0
117.5°	13.7	6.8	2.3	2.3	2.3	4.6	13.7	25.1	38.8	52.5	66.2
120°	11.4	4.6	2.3	2.3	2.3	4.6	11.4	22.8	34.2	45.6	57.1
122.5°	11.4	4.6	2.3	2.3	2.3	4.6	9.1	18.3	29.7	38.8	50.2
125°	9.1	4.6	2.3	2.3	2.3	2.3	9.1	16.0	25.1	34.2	43.4
127.5°	9.1	4.6	2.3	2.3	2.3	2.3	6.8	13.7	20.5	29.7	38.8
130°	6.8	4.6	2.3	2.3	2.3	2.3	4.6	11.4	18.3	25.1	32.0
132.5°	6.8	4.6	2.3	2.3	2.3	2.3	4.6	9.1	13.7	20.5	27.4
135°	6.8	2.3	2.3	2.3	2.3	2.3	2.3	6.8	11.4	16.0	20.5
137.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	4.6	9.1	11.4	18.3
140°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	4.6	6.8	9.1	13.7
142.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.6	6.8	11.4
145°	4.6	2.3	2.3	4.6	4.6	2.3	2.3	4.6	4.6	6.8	9.1
147.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.6	4.6	6.8
150°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.8
152.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
155°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
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: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4441.1	4388.6	4416.0	4406.9	4416.0	4438.8	4436.5	4429.7	4434.3	4422.8	4411.4
5°	4432.0	4379.5	4406.9	4395.5	4406.9	4429.7	4425.1	4418.3	4425.1	4411.4	4400.0
7.5°	4420.6	4372.6	4404.6	4402.3	4422.8	4452.5	4454.8	4454.8	4470.8	4450.2	4441.1
10°	4420.6	4395.5	4438.8	4454.8	4507.3	4546.1	4550.6	4559.8	4587.2	4582.6	4559.8
12.5°	4468.5	4463.9	4527.8	4566.6	4614.5	4669.3	4699.0	4708.1	4726.4	4712.7	4703.5
15°	4530.1	4552.9	4623.7	4667.0	4719.5	4760.6	4767.4	4772.0	4785.7	4765.2	4749.2
17.5°	4612.3	4626.0	4683.0	4701.3	4735.5	4742.3	4733.2	4710.4	4710.4	4664.8	4651.1
20°	4651.1	4644.2	4667.0	4637.4	4623.7	4582.6	4543.8	4500.4	4498.2	4450.2	4445.7
22.5°	4616.8	4571.2	4523.3	4450.2	4418.3	4358.9	4306.5	4281.3	4265.4	4203.8	4187.8
25°	4495.9	4384.0	4313.3	4226.6	4149.0	4080.5	4030.3	3977.8	3927.6	3877.4	3854.6
27.5°	4285.9	4180.9	4066.8	3945.9	3838.6	3733.6	3649.2	3596.7	3548.8	3482.6	3448.4
30°	4028.0	3882.0	3756.4	3640.1	3464.3	3336.5	3265.8	3160.8	3124.3	3094.6	3030.7
32.5°	3724.5	3548.8	3377.6	3220.1	3039.8	2921.2	2827.6	2750.0	2727.2	2649.6	2631.3
35°	3389.0	3158.5	2964.5	2809.3	2679.3	2535.5	2457.9	2405.4	2359.8	2307.3	2298.1
37.5°	2994.2	2786.5	2567.4	2430.5	2327.8	2204.6	2145.2	2108.7	2088.2	2049.4	2042.5
40°	2597.1	2389.4	2238.8	2101.9	2038.0	1971.8	1928.4	1912.5	1903.3	1889.6	1875.9
42.5°	2236.5	2054.0	1946.7	1855.4	1828.0	1796.1	1784.7	1793.8	1784.7	1780.1	1777.8
45°	1930.7	1791.5	1716.2	1688.8	1682.0	1672.8	1682.0	1697.9	1700.2	1695.7	1695.7
47.5°	1652.3	1586.1	1554.2	1558.7	1570.1	1577.0	1593.0	1613.5	1618.1	1606.6	1611.2
50°	1469.7	1430.9	1424.1	1442.3	1467.4	1476.6	1494.8	1510.8	1508.5	1503.9	1499.4
52.5°	1298.6	1287.1	1305.4	1323.7	1351.0	1355.6	1362.5	1369.3	1367.0	1357.9	1353.3
55°	1154.8	1163.9	1179.9	1186.7	1207.3	1205.0	1207.3	1207.3	1198.1	1193.6	1186.7
57.5°	1024.7	1027.0	1036.1	1038.4	1049.8	1045.2	1043.0	1038.4	1024.7	1022.4	1015.6
60°	892.3	887.8	908.3	892.3	901.5	892.3	890.0	878.6	864.9	862.7	858.1
62.5°	766.8	757.7	771.4	764.5	769.1	760.0	755.4	741.7	730.3	728.0	725.7
65°	655.0	650.4	664.1	661.8	666.4	655.0	650.4	641.3	632.2	629.9	627.6
67.5°	561.4	572.8	579.7	579.7	584.2	582.0	570.5	568.3	566.0	556.8	556.8
70°	492.9	499.8	513.5	515.8	513.5	518.1	508.9	506.6	504.4	499.8	497.5
72.5°	438.2	447.3	461.0	463.3	461.0	461.0	456.4	454.2	454.2	447.3	447.3
75°	394.8	406.2	417.6	417.6	417.6	413.1	408.5	408.5	403.9	401.7	397.1
77.5°	358.3	372.0	381.1	378.8	376.6	372.0	372.0	365.1	358.3	358.3	353.7
80°	330.9	340.0	346.9	344.6	342.3	335.5	333.2	326.4	321.8	314.9	314.9
82.5°	301.2	312.7	317.2	314.9	310.4	303.5	301.2	296.7	292.1	289.8	285.3
85°	276.1	287.6	289.8	285.3	280.7	276.1	273.9	271.6	269.3	264.7	264.7
87.5°	251.0	262.4	262.4	260.2	255.6	253.3	251.0	248.8	246.5	244.2	241.9
90°	230.5	239.6	239.6	237.3	235.1	232.8	230.5	228.2	225.9	223.7	223.7
92.5°	210.0	219.1	219.1	216.8	214.5	212.2	212.2	210.0	207.7	205.4	203.1
95°	191.7	200.8	200.8	200.8	198.5	196.3	196.3	194.0	191.7	191.7	189.4
97.5°	173.4	182.6	182.6	182.6	180.3	178.0	178.0	175.7	175.7	175.7	173.4
100°	157.5	164.3	166.6	166.6	164.3	164.3	164.3	162.0	162.0	162.0	159.8
102.5°	141.5	148.3	152.9	152.9	152.9	150.6	150.6	150.6	150.6	150.6	148.3
105°	127.8	134.6	139.2	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5
107.5°	116.4	123.2	127.8	130.1	132.4	132.4	134.6	134.6	134.6	134.6	134.6
110°	105.0	111.8	118.7	121.0	123.2	125.5	125.5	127.8	125.5	125.5	125.5



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	93.6	102.7	107.3	111.8	114.1	116.4	118.7	118.7	118.7	118.7	118.7
115°	84.4	93.6	98.1	102.7	107.3	109.5	109.5	111.8	111.8	111.8	109.5
117.5°	75.3	84.4	89.0	93.6	95.9	100.4	102.7	102.7	102.7	102.7	100.4
120°	68.5	75.3	79.9	84.4	89.0	91.3	93.6	93.6	93.6	93.6	93.6
122.5°	59.3	66.2	73.0	77.6	79.9	82.2	84.4	84.4	84.4	84.4	84.4
125°	52.5	59.3	63.9	68.5	70.7	75.3	75.3	75.3	75.3	75.3	75.3
127.5°	45.6	52.5	57.1	61.6	63.9	66.2	68.5	68.5	68.5	68.5	68.5
130°	38.8	45.6	50.2	54.8	57.1	59.3	59.3	61.6	61.6	61.6	61.6
132.5°	34.2	38.8	43.4	47.9	50.2	52.5	52.5	54.8	54.8	54.8	54.8
135°	27.4	34.2	36.5	41.1	43.4	45.6	45.6	47.9	47.9	47.9	47.9
137.5°	22.8	27.4	32.0	36.5	38.8	38.8	41.1	41.1	43.4	43.4	43.4
140°	18.3	20.5	27.4	29.7	32.0	34.2	36.5	36.5	36.5	36.5	36.5
142.5°	13.7	18.3	20.5	25.1	27.4	29.7	32.0	32.0	32.0	32.0	32.0
145°	11.4	13.7	16.0	20.5	22.8	25.1	27.4	27.4	27.4	27.4	27.4
147.5°	9.1	11.4	13.7	16.0	18.3	20.5	22.8	22.8	22.8	22.8	22.8
150°	6.8	9.1	11.4	11.4	13.7	16.0	18.3	20.5	20.5	20.5	20.5
152.5°	6.8	6.8	9.1	9.1	11.4	13.7	16.0	16.0	16.0	16.0	16.0
155°	4.6	6.8	6.8	6.8	9.1	9.1	11.4	13.7	13.7	13.7	13.7
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: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4418.3	4427.4	4422.8	4416.0	4413.7	4425.1	4413.7	4361.2	4381.8	4384.0	4400.0
5°	4411.4	4418.3	4413.7	4409.1	4402.3	4416.0	4402.3	4347.5	4368.1	4370.4	4386.3
7.5°	4457.1	4459.4	4459.4	4447.9	4429.7	4436.5	4418.3	4356.7	4368.1	4368.1	4379.5
10°	4571.2	4575.7	4582.6	4552.9	4530.1	4511.8	4486.7	4411.4	4409.1	4390.9	4390.9
12.5°	4719.5	4708.1	4696.7	4683.0	4664.8	4641.9	4605.4	4516.4	4486.7	4457.1	4427.4
15°	4762.9	4758.3	4756.0	4749.2	4737.8	4730.9	4703.5	4614.5	4571.2	4534.7	4482.2
17.5°	4648.8	4657.9	4687.6	4689.9	4703.5	4730.9	4726.4	4664.8	4626.0	4610.0	4546.1
20°	4443.4	4445.7	4482.2	4498.2	4557.5	4603.1	4637.4	4630.5	4621.4	4639.6	4591.7
22.5°	4196.9	4212.9	4251.7	4276.8	4333.8	4386.3	4441.1	4470.8	4518.7	4594.0	4584.9
25°	3861.4	3882.0	3936.7	3977.8	4057.7	4137.6	4210.6	4263.1	4320.1	4463.9	4511.8
27.5°	3459.8	3491.7	3562.5	3603.5	3715.4	3797.5	3902.5	4005.2	4085.1	4249.4	4347.5
30°	3037.6	3065.0	3140.3	3197.3	3293.2	3405.0	3537.4	3683.4	3815.8	3982.4	4105.6
32.5°	2642.8	2672.4	2734.0	2784.2	2891.5	2985.1	3131.1	3311.4	3434.7	3665.2	3829.5
35°	2298.1	2325.5	2368.9	2412.3	2501.3	2597.1	2722.6	2898.4	3055.8	3295.5	3503.1
37.5°	2056.2	2060.8	2085.9	2111.0	2177.2	2250.2	2348.4	2503.5	2649.6	2907.5	3135.7
40°	1882.8	1882.8	1896.5	1903.3	1933.0	1976.4	2038.0	2158.9	2279.9	2476.2	2754.6
42.5°	1775.5	1771.0	1771.0	1773.2	1771.0	1791.5	1828.0	1885.1	1992.3	2154.4	2371.2
45°	1695.7	1686.5	1679.7	1663.7	1654.6	1654.6	1656.9	1677.4	1739.0	1844.0	2019.7
47.5°	1606.6	1604.4	1593.0	1574.7	1558.7	1547.3	1529.1	1522.2	1540.5	1599.8	1718.5
50°	1503.9	1492.5	1481.1	1467.4	1449.2	1437.8	1403.5	1405.8	1389.8	1417.2	1478.8
52.5°	1353.3	1344.2	1339.6	1328.2	1321.4	1316.8	1289.4	1262.0	1255.2	1259.8	1282.6
55°	1186.7	1191.3	1173.0	1182.2	1179.9	1159.3	1147.9	1127.4	1120.5	1118.3	1129.7
57.5°	1013.3	1017.8	1006.4	1015.6	1015.6	1004.2	997.3	997.3	981.3	967.6	983.6
60°	855.8	846.7	853.5	864.9	864.9	858.1	853.5	853.5	842.1	837.6	849.0
62.5°	728.0	718.9	725.7	737.1	739.4	734.9	730.3	730.3	716.6	716.6	725.7
65°	629.9	632.2	629.9	639.0	639.0	641.3	636.7	632.2	616.2	623.0	620.7
67.5°	559.1	556.8	556.8	566.0	563.7	568.3	563.7	556.8	545.4	536.3	534.0
70°	499.8	497.5	497.5	502.1	504.4	504.4	502.1	497.5	481.5	472.4	465.6
72.5°	447.3	445.0	447.3	449.6	451.9	454.2	451.9	447.3	433.6	422.2	410.8
75°	399.4	397.1	403.9	403.9	406.2	406.2	408.5	406.2	394.8	381.1	367.4
77.5°	351.5	353.7	360.6	362.9	367.4	369.7	372.0	372.0	360.6	349.2	330.9
80°	312.7	317.2	321.8	324.1	328.6	335.5	337.8	340.0	330.9	319.5	299.0
82.5°	285.3	287.6	292.1	294.4	301.2	303.5	305.8	310.4	305.8	294.4	271.6
85°	262.4	264.7	269.3	269.3	273.9	278.4	280.7	283.0	280.7	269.3	246.5
87.5°	241.9	244.2	246.5	248.8	251.0	253.3	255.6	257.9	255.6	244.2	223.7
90°	223.7	223.7	225.9	225.9	228.2	230.5	235.1	235.1	232.8	223.7	203.1
92.5°	203.1	205.4	205.4	207.7	210.0	212.2	214.5	214.5	212.2	203.1	184.9
95°	189.4	189.4	191.7	191.7	194.0	194.0	196.3	196.3	194.0	184.9	166.6
97.5°	173.4	173.4	173.4	173.4	175.7	175.7	178.0	178.0	175.7	166.6	150.6
100°	159.8	159.8	159.8	159.8	159.8	162.0	162.0	162.0	159.8	150.6	134.6
102.5°	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	143.8	136.9	121.0
105°	141.5	141.5	141.5	139.2	139.2	139.2	136.9	136.9	130.1	123.2	109.5
107.5°	132.4	132.4	132.4	130.1	130.1	127.8	125.5	125.5	118.7	111.8	98.1
110°	125.5	125.5	125.5	123.2	121.0	118.7	116.4	114.1	107.3	98.1	86.7



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	118.7	118.7	116.4	116.4	114.1	111.8	107.3	105.0	98.1	89.0	77.6
115°	109.5	109.5	109.5	107.3	105.0	102.7	100.4	95.9	89.0	79.9	68.5
117.5°	100.4	100.4	100.4	98.1	95.9	93.6	91.3	86.7	79.9	70.7	61.6
120°	91.3	91.3	91.3	89.0	86.7	84.4	82.2	77.6	70.7	63.9	52.5
122.5°	84.4	84.4	82.2	79.9	77.6	75.3	73.0	68.5	63.9	54.8	45.6
125°	75.3	75.3	73.0	73.0	70.7	68.5	66.2	61.6	54.8	47.9	41.1
127.5°	68.5	66.2	66.2	66.2	63.9	61.6	57.1	54.8	47.9	41.1	34.2
130°	59.3	59.3	59.3	57.1	57.1	54.8	50.2	45.6	41.1	36.5	29.7
132.5°	52.5	52.5	52.5	52.5	50.2	47.9	43.4	41.1	36.5	29.7	25.1
135°	47.9	47.9	45.6	45.6	43.4	41.1	38.8	34.2	29.7	25.1	20.5
137.5°	41.1	41.1	41.1	38.8	38.8	36.5	32.0	29.7	27.4	22.8	18.3
140°	36.5	36.5	34.2	34.2	32.0	32.0	29.7	25.1	22.8	18.3	16.0
142.5°	32.0	32.0	29.7	29.7	27.4	27.4	25.1	22.8	18.3	16.0	11.4
145°	27.4	27.4	25.1	25.1	25.1	22.8	20.5	18.3	16.0	13.7	11.4
147.5°	22.8	22.8	22.8	20.5	20.5	18.3	18.3	16.0	13.7	11.4	9.1
150°	20.5	20.5	18.3	18.3	18.3	16.0	13.7	13.7	11.4	9.1	6.8
152.5°	16.0	16.0	16.0	16.0	13.7	13.7	11.4	11.4	9.1	6.8	6.8
155°	13.7	13.7	13.7	11.4	11.4	11.4	9.1	9.1	6.8	6.8	4.6
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: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3	4418.3
2.5°	4393.2	4390.9	4411.4	4409.1	4381.8	4422.8	4450.2
5°	4381.8	4379.5	4397.7	4402.3	4372.6	4416.0	4445.7
7.5°	4372.6	4370.4	4390.9	4397.7	4368.1	4406.9	4438.8
10°	4374.9	4363.5	4381.8	4386.3	4358.9	4400.0	4427.4
12.5°	4390.9	4363.5	4370.4	4370.4	4345.2	4381.8	4411.4
15°	4429.7	4372.6	4363.5	4356.7	4324.7	4358.9	4388.6
17.5°	4473.0	4395.5	4363.5	4340.7	4301.9	4331.6	4363.5
20°	4516.4	4420.6	4368.1	4331.6	4279.1	4306.5	4329.3
22.5°	4536.9	4443.4	4372.6	4317.9	4251.7	4265.4	4290.5
25°	4509.6	4434.3	4363.5	4297.3	4217.4	4219.7	4240.3
27.5°	4409.1	4388.6	4343.0	4276.8	4190.1	4178.6	4194.6
30°	4238.0	4295.0	4297.3	4249.4	4158.1	4135.3	4142.1
32.5°	3998.4	4126.2	4201.5	4192.3	4112.5	4080.5	4085.1
35°	3722.2	3882.0	4046.3	4101.1	4044.0	4018.9	4009.8
37.5°	3391.3	3605.8	3824.9	3959.6	3950.4	3934.5	3925.3
40°	3026.2	3284.0	3544.2	3758.7	3824.9	3824.9	3829.5
42.5°	2635.9	2937.2	3222.4	3494.0	3649.2	3683.4	3697.1
45°	2259.3	2562.9	2873.2	3185.9	3393.6	3500.8	3539.6
47.5°	1917.0	2222.8	2517.2	2859.6	3135.7	3274.9	3336.5
50°	1624.9	1853.1	2163.5	2503.5	2804.8	2975.9	3096.9
52.5°	1383.0	1561.0	1832.6	2149.8	2453.3	2688.4	2800.2
55°	1179.9	1300.8	1531.3	1805.2	2095.0	2339.2	2469.3
57.5°	1008.7	1104.6	1262.0	1490.3	1734.4	1976.4	2115.6
60°	858.1	924.3	1031.5	1211.8	1419.5	1627.2	1761.8
62.5°	728.0	771.4	842.1	974.5	1136.5	1298.6	1424.1
65°	627.6	645.9	684.7	766.8	890.0	1013.3	1120.5
67.5°	529.5	540.9	570.5	620.7	682.4	771.4	842.1
70°	456.4	456.4	458.7	488.4	520.3	577.4	627.6
72.5°	397.1	390.3	376.6	383.4	390.3	422.2	454.2
75°	349.2	333.2	310.4	301.2	296.7	301.2	319.5
77.5°	308.1	285.3	257.9	235.1	216.8	210.0	225.9
80°	273.9	246.5	214.5	184.9	155.2	139.2	146.1
82.5°	246.5	212.2	178.0	143.8	109.5	86.7	86.7
85°	216.8	184.9	148.3	111.8	77.6	47.9	43.4
87.5°	196.3	162.0	123.2	89.0	54.8	25.1	13.7
90°	175.7	141.5	105.0	70.7	38.8	11.4	0.0
92.5°	157.5	125.5	91.3	57.1	27.4	6.8	0.0
95°	141.5	111.8	77.6	47.9	22.8	4.6	2.3
97.5°	125.5	98.1	68.5	38.8	16.0	4.6	2.3
100°	114.1	86.7	59.3	32.0	13.7	2.3	2.3
102.5°	100.4	77.6	50.2	27.4	11.4	2.3	2.3
105°	89.0	68.5	43.4	22.8	9.1	2.3	2.3
107.5°	79.9	59.3	38.8	20.5	9.1	2.3	2.3
110°	70.7	52.5	34.2	18.3	6.8	2.3	2.3



TEST NUMBER: P290248

CATALOG NUMBER: 8SSRK-LC-10-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	63.9	45.6	29.7	16.0	4.6	2.3	2.3
115°	54.8	41.1	25.1	13.7	4.6	2.3	2.3
117.5°	47.9	34.2	22.8	11.4	4.6	2.3	2.3
120°	41.1	29.7	18.3	9.1	2.3	2.3	2.3
122.5°	36.5	25.1	16.0	9.1	2.3	2.3	2.3
125°	32.0	22.8	13.7	6.8	2.3	2.3	2.3
127.5°	27.4	18.3	11.4	4.6	2.3	2.3	2.3
130°	22.8	16.0	9.1	4.6	2.3	2.3	2.3
132.5°	18.3	13.7	9.1	4.6	2.3	2.3	2.3
135°	16.0	11.4	6.8	4.6	2.3	2.3	2.3
137.5°	13.7	9.1	4.6	4.6	4.6	2.3	2.3
140°	11.4	6.8	4.6	4.6	4.6	4.6	2.3
142.5°	9.1	6.8	4.6	4.6	4.6	4.6	2.3
145°	6.8	4.6	4.6	4.6	4.6	4.6	2.3
147.5°	6.8	4.6	4.6	4.6	4.6	4.6	2.3
150°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
152.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
155°	4.6	4.6	4.6	4.6	4.6	4.6	4.6
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)