

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: P290249

Luminaire Tested: **8SSRK-LC-10-L835-CD1-U**

Issue Date: 3/3/2020

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Test Information

Test Method: LM-79-08
Report Number: P290249
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-L835-CD1-U
Description: 10000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10714.6 lumens
Efficiency: N/A
Efficacy: 149.0 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

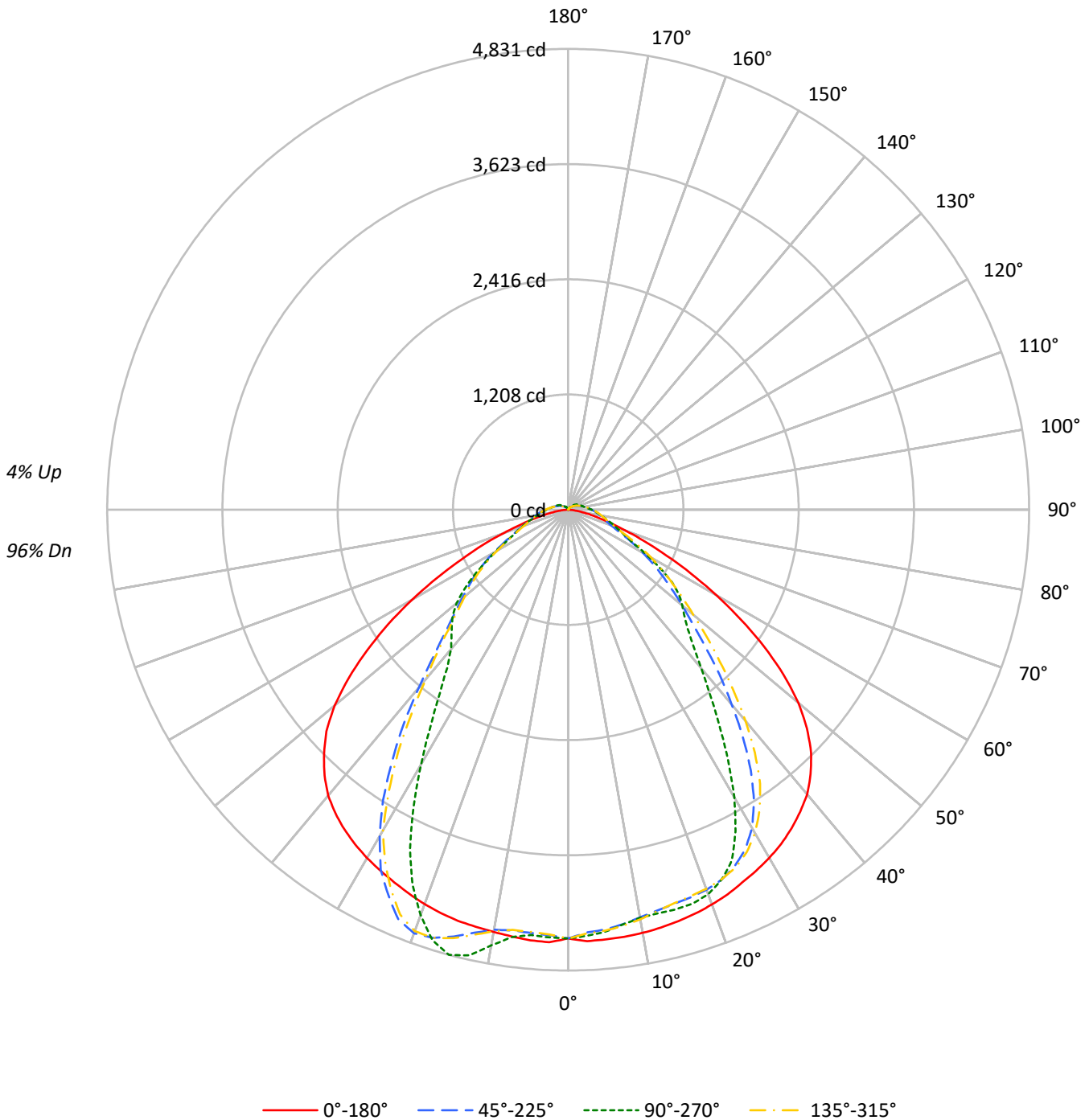
Input Watts (W): 71.9151
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	145134	145134	145134	145134
5°	146326	106639	146624	107475
10°	147137	83519	146834	89187
15°	148416	70013	148339	77955
20°	150200	60031	150039	63280
25°	152207	50462	152125	48760
30°	155245	39209	155330	34736
35°	158481	28653	158932	24247
40°	161388	20959	162063	18465
45°	161078	16178	161910	15754
50°	154426	13590	156588	13286
55°	137330	11137	140758	10125
60°	111714	7753	117649	7111
65°	83373	5370	89824	5093
70°	57011	4168	64271	3985
75°	37623	3346	43805	3164
80°	24714	2734	28954	2516
85°	13197	2338	17356	2136



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	426.9	4.0
10°-20°	1270.2	11.9
20°-30°	1931.1	18.0
30°-40°	2071.6	19.3
40°-50°	1798.0	16.8
50°-60°	1332.5	12.4
60°-70°	763.5	7.1
70°-80°	422.8	3.9
80°-90°	257.4	2.4
90°-100°	167.4	1.6
100°-110°	112.1	1.0
110°-120°	75.7	0.7
120°-130°	46.4	0.4
130°-140°	24.4	0.2
140°-150°	11.1	0.1
150°-160°	3.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3628.3	33.9
0°-40°	5699.9	53.2
0°-60°	8830.4	82.4
0°-90°	10274.0	95.9
90°-120°	355.2	3.3
90°-150°	437.3	4.1
90°-180°	441.0	4.1
0°-180°	10714.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4494	4494	4494	4494	4494	
5°	4522	4441	4532	4476	4522	431
15°	4464	4339	4462	4831	4464	1263
25°	4313	4058	4311	3921	4313	1994
35°	4079	2763	4090	2338	4079	2553
45°	3601	1771	3619	1725	3601	2757
55°	2512	1328	2575	1207	2512	2228
65°	1140	673	1228	638	1140	1149
75°	325	427	378	404	325	371
85°	44	295	58	269	44	58
90°	0	246	5	228	0	2
95°	2	202	0	193	2	2
105°	2	151	2	144	2	2
115°	2	123	2	111	2	2
125°	2	93	2	77	2	2
135°	2	58	2	49	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°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4527.0	4515.4	4510.7	4501.5	4508.4	4536.3	4517.7	4487.5	4489.8	4436.5	4464.3
5°	4522.4	4508.4	4501.5	4492.2	4496.8	4522.4	4503.8	4473.6	4471.3	4417.9	4443.4
7.5°	4515.4	4501.5	4489.8	4482.9	4485.2	4506.1	4482.9	4448.1	4441.1	4383.1	4406.3
10°	4503.8	4494.5	4478.2	4466.6	4464.3	4487.5	4450.4	4415.6	4399.3	4338.9	4362.2
12.5°	4487.5	4473.6	4457.3	4436.5	4434.1	4448.1	4417.9	4369.1	4352.9	4304.1	4329.7
15°	4464.3	4448.1	4429.5	4406.3	4394.7	4404.0	4366.8	4322.7	4320.4	4278.6	4313.4
17.5°	4438.8	4415.6	4394.7	4362.2	4345.9	4352.9	4322.7	4283.2	4287.9	4262.3	4301.8
20°	4404.0	4378.4	4345.9	4313.4	4290.2	4301.8	4280.9	4250.7	4257.7	4239.1	4273.9
22.5°	4364.5	4329.7	4290.2	4253.1	4234.5	4250.7	4234.5	4208.9	4211.3	4199.7	4220.6
25°	4313.4	4273.9	4227.5	4181.1	4171.8	4183.4	4174.1	4153.2	4143.9	4125.4	4134.7
27.5°	4267.0	4222.9	4164.8	4116.1	4099.8	4123.0	4102.2	4067.3	4041.8	4016.3	3997.7
30°	4213.6	4160.2	4095.2	4039.5	4025.5	4034.8	4004.6	3951.3	3883.9	3851.4	3800.4
32.5°	4155.5	4085.9	4004.6	3942.0	3932.7	3925.7	3870.0	3793.4	3688.9	3623.9	3545.0
35°	4078.9	4002.3	3904.8	3828.2	3814.3	3774.8	3684.3	3582.1	3447.5	3336.0	3201.4
37.5°	3993.0	3902.5	3800.4	3698.2	3658.7	3579.8	3452.1	3345.3	3141.0	3006.4	2843.9
40°	3895.5	3786.4	3661.1	3538.0	3473.0	3345.3	3199.1	3041.2	2843.9	2662.8	2525.8
42.5°	3760.9	3644.8	3496.2	3359.3	3247.8	3078.4	2906.6	2683.7	2502.6	2349.4	2210.1
45°	3600.7	3461.4	3289.6	3124.8	2983.2	2781.2	2579.2	2356.4	2205.5	2026.7	1931.5
47.5°	3394.1	3243.2	3059.8	2876.4	2690.7	2467.8	2256.5	2043.0	1892.1	1764.4	1694.7
50°	3150.3	3011.0	2809.1	2590.8	2386.5	2154.4	1943.1	1782.9	1636.7	1557.8	1504.4
52.5°	2848.5	2718.5	2511.9	2275.1	2077.8	1850.3	1657.6	1527.6	1423.1	1365.1	1346.5
55°	2511.9	2398.1	2193.9	1973.3	1771.3	1562.4	1416.1	1302.4	1235.1	1200.2	1202.6
57.5°	2152.1	2063.8	1871.2	1673.8	1483.5	1325.6	1193.3	1102.7	1051.7	1049.3	1056.3
60°	1792.2	1727.2	1560.1	1390.6	1223.4	1095.8	998.3	935.6	903.1	905.4	903.1
62.5°	1448.6	1388.3	1267.6	1128.3	995.9	910.0	821.8	796.3	768.4	766.1	766.1
65°	1139.9	1093.4	995.9	896.1	796.3	740.6	696.5	666.3	645.4	640.7	643.1
67.5°	856.6	838.1	770.7	703.4	640.7	605.9	568.8	561.8	545.6	545.6	550.2
70°	638.4	624.5	587.3	547.9	522.3	499.1	480.6	480.6	478.2	475.9	487.5
72.5°	462.0	464.3	452.7	422.5	420.2	415.6	410.9	417.9	420.2	427.2	441.1
75°	325.0	332.0	332.0	327.3	336.6	348.2	355.2	366.8	380.7	390.0	406.3
77.5°	229.8	229.8	241.4	255.4	273.9	294.8	313.4	329.7	348.2	359.8	373.8
80°	148.6	155.5	174.1	199.7	225.2	253.0	278.6	299.5	318.1	336.6	345.9
82.5°	88.2	99.8	123.0	155.5	188.0	222.9	248.4	273.9	294.8	313.4	320.4
85°	44.1	60.4	88.2	123.0	157.9	195.0	227.5	250.7	273.9	290.2	299.5
87.5°	13.9	32.5	62.7	95.2	132.3	169.5	204.3	229.8	250.7	264.7	273.9
90°	0.0	16.3	44.1	78.9	113.8	150.9	183.4	211.3	232.2	243.8	250.7
92.5°	0.0	9.3	34.8	65.0	97.5	134.6	167.2	192.7	211.3	222.9	227.5
95°	2.3	7.0	25.5	53.4	85.9	120.7	150.9	174.1	192.7	204.3	206.6
97.5°	2.3	4.6	20.9	44.1	74.3	106.8	137.0	160.2	174.1	185.7	188.0
100°	2.3	4.6	16.3	39.5	65.0	95.2	123.0	143.9	160.2	169.5	171.8
102.5°	2.3	2.3	13.9	32.5	58.0	83.6	109.1	130.0	143.9	153.2	157.9
105°	2.3	2.3	11.6	27.9	51.1	74.3	97.5	118.4	130.0	139.3	143.9
107.5°	2.3	2.3	9.3	23.2	44.1	65.0	88.2	104.5	118.4	127.7	132.3
110°	2.3	2.3	7.0	20.9	37.1	58.0	76.6	92.9	106.8	116.1	120.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.3	2.3	7.0	18.6	32.5	51.1	67.3	83.6	95.2	104.5	111.4
115°	2.3	2.3	7.0	16.3	30.2	44.1	60.4	74.3	85.9	95.2	102.1
117.5°	2.3	2.3	7.0	13.9	25.5	39.5	53.4	67.3	76.6	85.9	92.9
120°	2.3	2.3	4.6	11.6	23.2	34.8	46.4	58.0	69.6	78.9	85.9
122.5°	2.3	2.3	4.6	11.6	18.6	30.2	41.8	51.1	62.7	69.6	76.6
125°	2.3	2.3	4.6	9.3	16.3	27.9	37.1	46.4	53.4	62.7	69.6
127.5°	2.3	2.3	4.6	9.3	13.9	23.2	32.5	41.8	48.8	55.7	60.4
130°	2.3	2.3	4.6	7.0	11.6	18.6	27.9	34.8	44.1	48.8	53.4
132.5°	2.3	2.3	2.3	7.0	9.3	13.9	20.9	30.2	37.1	44.1	46.4
135°	2.3	2.3	2.3	4.6	9.3	11.6	16.3	23.2	30.2	37.1	41.8
137.5°	2.3	2.3	2.3	4.6	7.0	11.6	13.9	18.6	25.5	30.2	37.1
140°	2.3	2.3	2.3	4.6	7.0	9.3	11.6	16.3	20.9	25.5	30.2
142.5°	2.3	2.3	2.3	4.6	4.6	7.0	9.3	13.9	16.3	20.9	25.5
145°	2.3	2.3	2.3	4.6	4.6	7.0	9.3	11.6	13.9	16.3	20.9
147.5°	2.3	2.3	2.3	4.6	4.6	4.6	7.0	9.3	11.6	13.9	16.3
150°	4.6	4.6	4.6	4.6	4.6	4.6	7.0	7.0	9.3	11.6	13.9
152.5°	4.6	4.6	4.6	4.6	4.6	4.6	7.0	7.0	7.0	9.3	11.6
155°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	7.0	7.0	9.3	9.3
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°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4455.0	4459.7	4487.5	4485.2	4480.6	4475.9	4475.9	4471.3	4475.9	4487.5	4482.9
5°	4431.8	4438.8	4459.7	4457.3	4452.7	4450.4	4448.1	4441.1	4445.7	4462.0	4457.3
7.5°	4390.0	4397.0	4415.6	4406.3	4399.3	4404.0	4392.3	4385.4	4394.7	4410.9	4408.6
10°	4345.9	4350.6	4373.8	4369.1	4357.5	4359.8	4348.2	4343.6	4355.2	4364.5	4366.8
12.5°	4315.7	4332.0	4352.9	4350.6	4348.2	4350.6	4338.9	4334.3	4341.3	4350.6	4348.2
15°	4308.8	4329.7	4352.9	4352.9	4355.2	4357.5	4345.9	4338.9	4345.9	4352.9	4350.6
17.5°	4301.8	4327.3	4348.2	4345.9	4348.2	4352.9	4334.3	4329.7	4338.9	4348.2	4343.6
20°	4278.6	4301.8	4315.7	4311.1	4311.1	4313.4	4290.2	4290.2	4304.1	4311.1	4313.4
22.5°	4213.6	4241.4	4241.4	4229.8	4229.8	4220.6	4213.6	4199.7	4215.9	4227.5	4236.8
25°	4116.1	4127.7	4113.8	4088.2	4074.3	4062.7	4030.2	4058.0	4058.0	4092.9	4104.5
27.5°	3979.1	3953.6	3914.1	3860.7	3849.1	3812.0	3791.1	3798.0	3809.6	3858.4	3895.5
30°	3753.9	3677.3	3610.0	3586.8	3535.7	3498.6	3461.4	3480.0	3500.9	3528.7	3605.3
32.5°	3456.8	3382.5	3273.4	3233.9	3180.5	3134.1	3090.0	3117.8	3155.0	3173.5	3257.1
35°	3115.5	3027.3	2927.5	2860.1	2804.4	2778.9	2723.2	2762.6	2802.1	2816.0	2888.0
37.5°	2753.3	2662.8	2574.6	2516.5	2463.1	2446.9	2409.8	2437.6	2467.8	2488.7	2549.0
40°	2409.8	2326.2	2258.9	2219.4	2182.2	2168.3	2154.4	2166.0	2189.2	2205.5	2251.9
42.5°	2114.9	2047.6	2001.2	1977.9	1952.4	1933.8	1936.2	1940.8	1952.4	1987.2	2008.1
45°	1857.2	1817.8	1787.6	1782.9	1766.7	1764.4	1762.0	1771.3	1778.3	1799.2	1815.4
47.5°	1650.6	1634.4	1627.4	1636.7	1643.6	1634.4	1639.0	1650.6	1664.5	1664.5	1662.2
50°	1488.1	1492.7	1502.0	1522.9	1536.9	1541.5	1546.1	1560.1	1562.4	1567.0	1560.1
52.5°	1355.8	1360.4	1386.0	1418.5	1434.7	1441.7	1451.0	1464.9	1464.9	1469.5	1460.2
55°	1221.1	1228.1	1253.6	1286.1	1300.1	1309.3	1318.6	1327.9	1334.9	1344.2	1337.2
57.5°	1072.5	1093.4	1109.7	1119.0	1128.3	1135.2	1142.2	1144.5	1158.4	1160.8	1172.4
60°	914.7	919.3	935.6	933.3	926.3	944.9	935.6	951.8	968.1	989.0	991.3
62.5°	763.8	766.1	777.7	773.1	782.4	780.0	787.0	787.0	798.6	807.9	819.5
65°	645.4	647.7	657.0	657.0	654.7	661.6	668.6	673.2	673.2	680.2	689.5
67.5°	557.2	564.1	573.4	578.1	582.7	582.7	589.7	592.0	596.6	599.0	603.6
70°	496.8	506.1	515.4	520.0	522.3	527.0	529.3	529.3	534.0	536.3	540.9
72.5°	452.7	462.0	469.0	469.0	473.6	475.9	475.9	478.2	480.6	485.2	489.8
75°	415.6	422.5	427.2	424.8	424.8	424.8	427.2	427.2	431.8	436.4	441.1
77.5°	380.7	387.7	387.7	383.1	383.1	383.1	383.1	385.4	387.7	392.3	397.0
80°	355.2	355.2	352.9	352.9	348.2	345.9	345.9	348.2	348.2	352.9	359.8
82.5°	327.3	327.3	325.0	322.7	320.4	318.1	318.1	320.4	322.7	325.0	329.7
85°	301.8	301.8	297.2	297.2	294.8	294.8	294.8	294.8	297.2	299.5	304.1
87.5°	276.3	273.9	271.6	269.3	269.3	269.3	269.3	269.3	271.6	276.3	278.6
90°	250.7	248.4	246.1	246.1	243.8	243.8	246.1	246.1	248.4	250.7	253.0
92.5°	227.5	225.2	222.9	222.9	220.5	220.5	222.9	220.5	225.2	225.2	227.5
95°	206.6	204.3	202.0	202.0	202.0	202.0	202.0	202.0	204.3	204.3	206.6
97.5°	188.0	185.7	183.4	183.4	185.7	183.4	185.7	185.7	185.7	188.0	190.4
100°	171.8	169.5	169.5	171.8	169.5	169.5	171.8	171.8	171.8	171.8	174.1
102.5°	157.9	157.9	157.9	157.9	157.9	157.9	160.2	160.2	160.2	160.2	162.5
105°	143.9	146.3	146.3	146.3	148.6	148.6	148.6	150.9	150.9	150.9	150.9
107.5°	134.6	137.0	137.0	139.3	139.3	141.6	141.6	141.6	141.6	143.9	143.9
110°	125.4	127.7	130.0	132.3	132.3	134.6	134.6	134.6	134.6	134.6	134.6



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	116.1	118.4	120.7	125.4	127.7	127.7	127.7	127.7	130.0	130.0	127.7
115°	106.8	111.4	113.8	118.4	120.7	120.7	123.0	123.0	123.0	123.0	120.7
117.5°	97.5	104.5	106.8	111.4	113.8	113.8	116.1	116.1	116.1	116.1	113.8
120°	90.5	95.2	99.8	102.1	104.5	106.8	106.8	109.1	109.1	109.1	106.8
122.5°	83.6	88.2	92.9	95.2	97.5	99.8	99.8	99.8	99.8	99.8	99.8
125°	74.3	78.9	83.6	85.9	88.2	90.5	90.5	92.9	92.9	92.9	90.5
127.5°	67.3	72.0	74.3	78.9	81.3	81.3	83.6	83.6	83.6	83.6	81.3
130°	58.0	62.7	67.3	69.6	72.0	72.0	74.3	74.3	74.3	74.3	74.3
132.5°	51.1	55.7	58.0	62.7	62.7	65.0	65.0	67.3	67.3	67.3	65.0
135°	46.4	48.8	51.1	55.7	55.7	58.0	58.0	58.0	58.0	58.0	58.0
137.5°	41.8	44.1	46.4	48.8	48.8	51.1	51.1	51.1	51.1	53.4	51.1
140°	34.8	39.5	41.8	41.8	44.1	44.1	44.1	46.4	46.4	46.4	44.1
142.5°	30.2	32.5	34.8	37.1	39.5	39.5	39.5	39.5	41.8	39.5	39.5
145°	23.2	27.9	30.2	32.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8
147.5°	18.6	20.9	25.5	27.9	27.9	30.2	30.2	30.2	30.2	30.2	30.2
150°	16.3	16.3	20.9	23.2	25.5	25.5	25.5	25.5	25.5	25.5	25.5
152.5°	11.6	13.9	16.3	18.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9
155°	11.6	11.6	13.9	13.9	16.3	16.3	16.3	16.3	18.6	16.3	16.3
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: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4475.9	4473.6	4482.9	4473.6	4427.2	4445.7	4438.8	4464.3	4466.6	4473.6	4496.8
5°	4452.7	4452.7	4464.3	4455.0	4410.9	4429.5	4427.2	4452.7	4457.3	4462.0	4487.5
7.5°	4406.3	4408.6	4424.8	4417.9	4371.5	4399.3	4397.0	4427.2	4436.5	4445.7	4469.0
10°	4362.2	4359.8	4378.4	4371.5	4327.3	4359.8	4357.5	4387.7	4401.6	4417.9	4445.7
12.5°	4338.9	4332.0	4338.9	4332.0	4283.2	4308.8	4311.1	4345.9	4362.2	4383.1	4415.6
15°	4338.9	4327.3	4327.3	4313.4	4257.7	4273.9	4276.3	4299.5	4320.4	4341.3	4380.7
17.5°	4334.3	4322.7	4320.4	4308.8	4248.4	4248.4	4246.1	4262.3	4273.9	4294.8	4336.6
20°	4308.8	4304.1	4301.8	4294.8	4239.1	4229.8	4225.2	4225.2	4232.2	4239.1	4280.9
22.5°	4241.4	4246.1	4250.7	4255.4	4211.3	4195.0	4197.3	4192.7	4185.7	4185.7	4220.6
25°	4116.1	4139.3	4157.9	4178.8	4153.2	4141.6	4155.5	4148.6	4137.0	4127.7	4157.9
27.5°	3916.4	3965.2	4004.6	4055.7	4058.0	4048.8	4085.9	4081.3	4078.9	4065.0	4088.2
30°	3640.2	3716.8	3770.2	3844.5	3907.1	3916.4	3979.1	3988.4	3997.7	3990.7	4013.9
32.5°	3305.9	3410.3	3500.9	3617.0	3677.3	3730.7	3818.9	3856.1	3893.2	3904.8	3930.4
35°	2941.4	3059.8	3166.6	3294.3	3389.4	3505.5	3612.3	3668.0	3751.6	3784.1	3821.2
37.5°	2595.5	2706.9	2811.4	2939.1	3092.3	3213.0	3345.3	3470.7	3584.5	3630.9	3686.6
40°	2289.0	2379.6	2479.4	2590.8	2730.1	2888.0	3031.9	3206.0	3340.7	3433.6	3514.8
42.5°	2056.9	2101.0	2186.9	2286.7	2398.1	2558.3	2704.6	2899.6	3062.1	3194.4	3329.1
45°	1850.3	1871.2	1933.8	1987.2	2101.0	2242.6	2398.1	2588.5	2758.0	2927.5	3090.0
47.5°	1673.8	1699.4	1729.5	1762.0	1843.3	1961.7	2096.3	2268.1	2437.6	2634.9	2820.7
50°	1555.4	1562.4	1567.0	1581.0	1629.7	1711.0	1820.1	1966.3	2128.8	2340.1	2537.4
52.5°	1451.0	1451.0	1437.0	1430.1	1448.6	1499.7	1562.4	1666.9	1834.0	2029.0	2238.0
55°	1339.5	1318.6	1314.0	1290.8	1295.4	1318.6	1348.8	1430.1	1567.0	1734.2	1936.2
57.5°	1184.0	1174.7	1174.7	1165.4	1146.8	1158.4	1165.4	1223.4	1321.0	1464.9	1641.3
60°	1005.2	1000.6	1012.2	1014.5	998.3	1005.2	1002.9	1037.7	1107.4	1223.4	1369.7
62.5°	826.5	847.4	849.7	859.0	849.7	847.4	859.0	889.1	924.0	1012.2	1125.9
65°	694.1	705.7	708.1	719.7	715.0	715.0	724.3	747.5	768.4	828.8	917.0
67.5°	608.2	603.6	605.9	612.9	605.9	603.6	610.6	624.5	640.7	677.9	740.6
70°	540.9	536.3	536.3	536.3	527.0	520.0	522.3	527.0	534.0	554.8	594.3
72.5°	489.8	489.8	482.9	475.9	469.0	464.3	459.7	455.0	452.7	459.7	480.6
75°	443.4	445.7	443.4	436.4	427.2	417.9	408.6	399.3	387.7	383.1	385.4
77.5°	401.6	403.9	406.3	403.9	394.7	383.1	369.1	355.2	338.9	322.7	313.4
80°	364.5	369.1	371.4	369.1	362.2	352.9	336.6	320.4	297.2	276.3	253.0
82.5°	332.0	338.9	341.3	341.3	336.6	327.3	308.8	290.2	264.7	236.8	206.6
85°	306.4	311.1	315.7	315.7	313.4	304.1	285.5	264.7	239.1	206.6	174.1
87.5°	280.9	283.2	287.9	292.5	287.9	278.6	262.3	239.1	213.6	181.1	143.9
90°	255.4	257.7	262.3	267.0	264.7	255.4	241.4	220.5	192.7	157.9	120.7
92.5°	229.8	234.5	236.8	239.1	241.4	234.5	222.9	202.0	174.1	139.3	104.5
95°	211.3	211.3	215.9	218.2	220.5	213.6	204.3	183.4	157.9	125.4	90.5
97.5°	192.7	192.7	197.3	197.3	199.7	195.0	185.7	167.2	141.6	111.4	76.6
100°	174.1	176.4	178.8	181.1	181.1	178.8	169.5	150.9	127.7	99.8	67.3
102.5°	162.5	162.5	164.8	164.8	167.2	162.5	153.2	137.0	113.8	88.2	58.0
105°	150.9	150.9	153.2	153.2	150.9	146.3	137.0	123.0	102.1	76.6	51.1
107.5°	141.6	141.6	141.6	141.6	139.3	134.6	125.4	109.1	90.5	69.6	46.4
110°	134.6	132.3	132.3	130.0	127.7	120.7	111.4	97.5	81.3	60.4	39.5



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	127.7	125.4	123.0	120.7	116.1	109.1	99.8	88.2	72.0	53.4	34.8
115°	120.7	118.4	116.1	111.4	106.8	99.8	90.5	78.9	62.7	46.4	30.2
117.5°	113.8	111.4	106.8	102.1	97.5	90.5	81.3	69.6	55.7	41.8	27.9
120°	104.5	102.1	99.8	95.2	90.5	81.3	72.0	62.7	48.8	37.1	23.2
122.5°	97.5	95.2	90.5	88.2	81.3	74.3	65.0	55.7	44.1	32.5	20.9
125°	88.2	85.9	83.6	78.9	74.3	65.0	58.0	48.8	39.5	27.9	16.3
127.5°	81.3	78.9	74.3	69.6	65.0	58.0	51.1	44.1	34.8	23.2	16.3
130°	72.0	69.6	67.3	62.7	58.0	51.1	46.4	37.1	30.2	20.9	13.9
132.5°	62.7	62.7	60.4	55.7	51.1	46.4	39.5	32.5	25.5	18.6	11.6
135°	58.0	55.7	53.4	48.8	46.4	39.5	34.8	27.9	20.9	16.3	9.3
137.5°	51.1	48.8	46.4	44.1	39.5	34.8	30.2	23.2	18.6	13.9	9.3
140°	44.1	41.8	41.8	37.1	34.8	30.2	25.5	20.9	16.3	11.6	7.0
142.5°	39.5	37.1	34.8	32.5	30.2	25.5	20.9	16.3	13.9	9.3	7.0
145°	34.8	32.5	30.2	27.9	25.5	20.9	18.6	13.9	11.6	9.3	7.0
147.5°	27.9	27.9	25.5	23.2	20.9	18.6	16.3	13.9	9.3	7.0	4.6
150°	23.2	23.2	20.9	18.6	18.6	16.3	13.9	11.6	9.3	7.0	4.6
152.5°	20.9	18.6	18.6	16.3	16.3	13.9	11.6	9.3	7.0	7.0	4.6
155°	16.3	16.3	16.3	13.9	13.9	11.6	9.3	9.3	7.0	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: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4501.5	4473.6	4496.8	4538.6	4534.0	4529.3	4524.7	4534.0	4564.1	4547.9	4522.4
5°	4494.5	4466.6	4492.2	4531.6	4529.3	4522.4	4517.7	4527.0	4557.2	4540.9	4513.1
7.5°	4480.6	4455.0	4473.6	4513.1	4513.1	4508.4	4503.8	4513.1	4540.9	4527.0	4499.1
10°	4457.3	4438.8	4457.3	4494.5	4496.8	4487.5	4482.9	4494.5	4522.4	4515.4	4492.2
12.5°	4438.8	4420.2	4441.1	4478.2	4480.6	4471.3	4464.3	4478.2	4515.4	4520.0	4513.1
15°	4413.2	4397.0	4422.5	4462.0	4462.0	4455.0	4455.0	4473.6	4524.7	4545.6	4557.2
17.5°	4376.1	4364.5	4394.7	4434.1	4436.5	4431.8	4434.1	4471.3	4538.6	4589.7	4622.2
20°	4329.7	4325.0	4357.5	4399.3	4406.3	4408.6	4420.2	4475.9	4568.8	4638.4	4670.9
22.5°	4273.9	4276.3	4313.4	4357.5	4366.8	4373.8	4397.0	4475.9	4592.0	4666.3	4680.2
25°	4211.3	4218.2	4257.7	4311.1	4322.7	4336.6	4376.1	4478.2	4599.0	4647.7	4624.5
27.5°	4143.9	4157.9	4208.9	4264.7	4278.6	4301.8	4352.9	4464.3	4566.5	4568.8	4482.9
30°	4074.3	4090.5	4150.9	4215.9	4239.1	4262.3	4325.0	4431.8	4487.5	4413.2	4262.3
32.5°	3995.4	4018.6	4078.9	4157.9	4185.7	4215.9	4278.6	4369.1	4348.2	4188.1	3972.1
35°	3895.5	3928.0	3997.7	4090.5	4116.1	4155.5	4199.7	4220.6	4127.7	3900.2	3656.4
37.5°	3772.5	3821.2	3902.5	4009.3	4037.2	4062.7	4074.3	4016.3	3830.5	3584.5	3331.4
40°	3630.9	3705.2	3793.4	3911.8	3939.6	3939.6	3897.9	3774.8	3540.3	3217.6	2936.7
42.5°	3459.1	3549.6	3661.1	3779.5	3807.3	3774.8	3675.0	3459.1	3192.1	2832.3	2535.1
45°	3250.1	3370.9	3496.2	3619.3	3633.2	3561.2	3382.5	3108.5	2778.9	2444.6	2161.3
47.5°	3001.7	3159.6	3296.6	3435.9	3417.3	3296.6	3057.5	2746.4	2398.1	2082.4	1854.9
50°	2723.2	2908.9	3062.1	3194.4	3155.0	2987.8	2706.9	2381.9	2036.0	1766.7	1578.6
52.5°	2426.0	2639.6	2792.8	2899.6	2846.2	2646.6	2337.8	2026.7	1743.5	1497.4	1372.0
55°	2117.2	2333.1	2491.0	2574.6	2504.9	2289.0	1984.9	1701.7	1434.7	1274.5	1200.2
57.5°	1817.8	2019.7	2168.3	2235.6	2147.4	1931.5	1650.6	1411.5	1218.8	1084.2	1047.0
60°	1529.9	1694.7	1836.3	1887.4	1792.2	1592.6	1351.1	1160.8	1019.2	926.3	907.7
62.5°	1262.9	1397.6	1509.0	1548.5	1455.6	1300.1	1091.1	949.5	849.7	803.3	780.0
65°	1042.4	1121.3	1235.1	1228.1	1172.4	1028.4	875.2	775.4	710.4	680.2	666.3
67.5°	819.5	891.5	963.4	972.7	903.1	803.3	703.4	631.5	596.6	580.4	573.4
70°	633.8	687.2	731.3	719.7	682.5	619.8	557.2	517.7	503.8	496.8	496.8
72.5°	492.2	520.0	540.9	527.0	503.8	471.3	441.1	424.8	427.2	431.8	436.4
75°	380.7	387.7	392.3	378.4	373.8	352.9	350.6	352.9	366.8	380.7	387.7
77.5°	292.5	283.2	276.3	262.3	264.7	262.3	273.9	292.5	313.4	334.3	352.9
80°	225.2	204.3	188.0	174.1	181.1	192.7	215.9	243.8	271.6	294.8	318.1
82.5°	174.1	143.9	120.7	106.8	120.7	139.3	169.5	204.3	236.8	262.3	287.9
85°	134.6	99.8	72.0	58.0	72.0	99.8	132.3	171.8	206.6	234.5	260.0
87.5°	104.5	72.0	39.5	23.2	39.5	69.6	106.8	143.9	178.8	211.3	236.8
90°	83.6	48.8	18.6	4.6	20.9	48.8	83.6	120.7	155.5	190.4	215.9
92.5°	67.3	34.8	9.3	0.0	11.6	37.1	69.6	104.5	139.3	171.8	197.3
95°	55.7	27.9	7.0	0.0	9.3	27.9	55.7	90.5	123.0	155.5	176.4
97.5°	46.4	20.9	4.6	0.0	4.6	23.2	46.4	76.6	109.1	139.3	160.2
100°	39.5	18.6	4.6	0.0	4.6	18.6	39.5	67.3	95.2	123.0	143.9
102.5°	32.5	13.9	2.3	2.3	2.3	13.9	34.8	58.0	83.6	109.1	130.0
105°	30.2	11.6	2.3	2.3	2.3	11.6	30.2	51.1	74.3	97.5	116.1
107.5°	25.5	9.3	2.3	2.3	2.3	9.3	25.5	44.1	67.3	88.2	104.5
110°	20.9	9.3	2.3	2.3	2.3	9.3	20.9	39.5	58.0	76.6	92.9



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	18.6	7.0	2.3	2.3	2.3	7.0	18.6	34.8	51.1	69.6	83.6
115°	16.3	7.0	2.3	2.3	2.3	7.0	16.3	30.2	44.1	60.4	74.3
117.5°	13.9	7.0	2.3	2.3	2.3	4.6	13.9	25.5	39.5	53.4	67.3
120°	11.6	4.6	2.3	2.3	2.3	4.6	11.6	23.2	34.8	46.4	58.0
122.5°	11.6	4.6	2.3	2.3	2.3	4.6	9.3	18.6	30.2	39.5	51.1
125°	9.3	4.6	2.3	2.3	2.3	2.3	9.3	16.3	25.5	34.8	44.1
127.5°	9.3	4.6	2.3	2.3	2.3	2.3	7.0	13.9	20.9	30.2	39.5
130°	7.0	4.6	2.3	2.3	2.3	2.3	4.6	11.6	18.6	25.5	32.5
132.5°	7.0	4.6	2.3	2.3	2.3	2.3	4.6	9.3	13.9	20.9	27.9
135°	7.0	2.3	2.3	2.3	2.3	2.3	2.3	7.0	11.6	16.3	20.9
137.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	4.6	9.3	11.6	18.6
140°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	4.6	7.0	9.3	13.9
142.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.6	7.0	11.6
145°	4.6	2.3	2.3	4.6	4.6	2.3	2.3	4.6	4.6	7.0	9.3
147.5°	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.6	4.6	7.0
150°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	7.0
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: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4517.7	4464.3	4492.2	4482.9	4492.2	4515.4	4513.1	4506.1	4510.7	4499.1	4487.5
5°	4508.4	4455.0	4482.9	4471.3	4482.9	4506.1	4501.5	4494.5	4501.5	4487.5	4475.9
7.5°	4496.8	4448.1	4480.6	4478.2	4499.1	4529.3	4531.6	4531.6	4547.9	4527.0	4517.7
10°	4496.8	4471.3	4515.4	4531.6	4585.0	4624.5	4629.1	4638.4	4666.3	4661.6	4638.4
12.5°	4545.6	4540.9	4605.9	4645.4	4694.1	4749.9	4780.0	4789.3	4807.9	4794.0	4784.7
15°	4608.2	4631.5	4703.4	4747.5	4800.9	4842.7	4849.7	4854.3	4868.3	4847.4	4831.1
17.5°	4691.8	4705.8	4763.8	4782.4	4817.2	4824.2	4814.9	4791.6	4791.6	4745.2	4731.3
20°	4731.3	4724.3	4747.5	4717.4	4703.4	4661.6	4622.2	4578.1	4575.7	4527.0	4522.4
22.5°	4696.5	4650.0	4601.3	4527.0	4494.5	4434.1	4380.7	4355.2	4338.9	4276.3	4260.0
25°	4573.4	4459.7	4387.7	4299.5	4220.6	4150.9	4099.8	4046.4	3995.4	3944.3	3921.1
27.5°	4359.8	4253.1	4137.0	4013.9	3904.8	3798.0	3712.1	3658.7	3610.0	3542.7	3507.8
30°	4097.5	3948.9	3821.2	3702.8	3524.1	3394.1	3322.1	3215.3	3178.2	3148.0	3083.0
32.5°	3788.7	3610.0	3435.9	3275.7	3092.3	2971.6	2876.4	2797.5	2774.2	2695.3	2676.7
35°	3447.5	3213.0	3015.7	2857.8	2725.5	2579.2	2500.3	2446.9	2400.5	2347.1	2337.8
37.5°	3045.9	2834.6	2611.7	2472.4	2368.0	2242.6	2182.2	2145.1	2124.2	2084.7	2077.8
40°	2641.9	2430.6	2277.4	2138.1	2073.1	2005.8	1961.7	1945.4	1936.2	1922.2	1908.3
42.5°	2275.1	2089.4	1980.3	1887.4	1859.5	1827.0	1815.4	1824.7	1815.4	1810.8	1808.5
45°	1964.0	1822.4	1745.8	1717.9	1711.0	1701.7	1711.0	1727.2	1729.5	1724.9	1724.9
47.5°	1680.8	1613.5	1581.0	1585.6	1597.2	1604.2	1620.4	1641.3	1646.0	1634.4	1639.0
50°	1495.1	1455.6	1448.6	1467.2	1492.7	1502.0	1520.6	1536.9	1534.5	1529.9	1525.2
52.5°	1321.0	1309.3	1327.9	1346.5	1374.3	1379.0	1386.0	1392.9	1390.6	1381.3	1376.7
55°	1174.7	1184.0	1200.2	1207.2	1228.1	1225.8	1228.1	1228.1	1218.8	1214.2	1207.2
57.5°	1042.4	1044.7	1054.0	1056.3	1067.9	1063.3	1060.9	1056.3	1042.4	1040.0	1033.1
60°	907.7	903.1	924.0	907.7	917.0	907.7	905.4	893.8	879.9	877.5	872.9
62.5°	780.0	770.7	784.7	777.7	782.4	773.1	768.4	754.5	742.9	740.6	738.2
65°	666.3	661.6	675.6	673.2	677.9	666.3	661.6	652.4	643.1	640.7	638.4
67.5°	571.1	582.7	589.7	589.7	594.3	592.0	580.4	578.1	575.7	566.5	566.5
70°	501.5	508.4	522.3	524.7	522.3	527.0	517.7	515.4	513.1	508.4	506.1
72.5°	445.7	455.0	469.0	471.3	469.0	469.0	464.3	462.0	462.0	455.0	455.0
75°	401.6	413.2	424.8	424.8	424.8	420.2	415.6	415.6	410.9	408.6	403.9
77.5°	364.5	378.4	387.7	385.4	383.1	378.4	378.4	371.4	364.5	364.5	359.8
80°	336.6	345.9	352.9	350.6	348.2	341.3	338.9	332.0	327.3	320.4	320.4
82.5°	306.4	318.1	322.7	320.4	315.7	308.8	306.4	301.8	297.2	294.8	290.2
85°	280.9	292.5	294.8	290.2	285.5	280.9	278.6	276.3	273.9	269.3	269.3
87.5°	255.4	267.0	267.0	264.7	260.0	257.7	255.4	253.0	250.7	248.4	246.1
90°	234.5	243.8	243.8	241.4	239.1	236.8	234.5	232.2	229.8	227.5	227.5
92.5°	213.6	222.9	222.9	220.5	218.2	215.9	215.9	213.6	211.3	208.9	206.6
95°	195.0	204.3	204.3	204.3	202.0	199.7	199.7	197.3	195.0	195.0	192.7
97.5°	176.4	185.7	185.7	185.7	183.4	181.1	181.1	178.8	178.8	178.8	176.4
100°	160.2	167.2	169.5	169.5	167.2	167.2	167.2	164.8	164.8	164.8	162.5
102.5°	143.9	150.9	155.5	155.5	155.5	153.2	153.2	153.2	153.2	153.2	150.9
105°	130.0	137.0	141.6	143.9	143.9	143.9	143.9	143.9	143.9	143.9	143.9
107.5°	118.4	125.4	130.0	132.3	134.6	134.6	137.0	137.0	137.0	137.0	137.0
110°	106.8	113.8	120.7	123.0	125.4	127.7	127.7	130.0	127.7	127.7	127.7



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	95.2	104.5	109.1	113.8	116.1	118.4	120.7	120.7	120.7	120.7	120.7
115°	85.9	95.2	99.8	104.5	109.1	111.4	111.4	113.8	113.8	113.8	111.4
117.5°	76.6	85.9	90.5	95.2	97.5	102.1	104.5	104.5	104.5	104.5	102.1
120°	69.6	76.6	81.3	85.9	90.5	92.9	95.2	95.2	95.2	95.2	95.2
122.5°	60.4	67.3	74.3	78.9	81.3	83.6	85.9	85.9	85.9	85.9	85.9
125°	53.4	60.4	65.0	69.6	72.0	76.6	76.6	76.6	76.6	76.6	76.6
127.5°	46.4	53.4	58.0	62.7	65.0	67.3	69.6	69.6	69.6	69.6	69.6
130°	39.5	46.4	51.1	55.7	58.0	60.4	60.4	62.7	62.7	62.7	62.7
132.5°	34.8	39.5	44.1	48.8	51.1	53.4	53.4	55.7	55.7	55.7	55.7
135°	27.9	34.8	37.1	41.8	44.1	46.4	46.4	48.8	48.8	48.8	48.8
137.5°	23.2	27.9	32.5	37.1	39.5	39.5	41.8	41.8	44.1	44.1	44.1
140°	18.6	20.9	27.9	30.2	32.5	34.8	37.1	37.1	37.1	37.1	37.1
142.5°	13.9	18.6	20.9	25.5	27.9	30.2	32.5	32.5	32.5	32.5	32.5
145°	11.6	13.9	16.3	20.9	23.2	25.5	27.9	27.9	27.9	27.9	27.9
147.5°	9.3	11.6	13.9	16.3	18.6	20.9	23.2	23.2	23.2	23.2	23.2
150°	7.0	9.3	11.6	11.6	13.9	16.3	18.6	20.9	20.9	20.9	20.9
152.5°	7.0	7.0	9.3	9.3	11.6	13.9	16.3	16.3	16.3	16.3	16.3
155°	4.6	7.0	7.0	7.0	9.3	9.3	11.6	13.9	13.9	13.9	13.9
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: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4494.5	4503.8	4499.1	4492.2	4489.8	4501.5	4489.8	4436.5	4457.3	4459.7	4475.9
5°	4487.5	4494.5	4489.8	4485.2	4478.2	4492.2	4478.2	4422.5	4443.4	4445.7	4462.0
7.5°	4534.0	4536.3	4536.3	4524.7	4506.1	4513.1	4494.5	4431.8	4443.4	4443.4	4455.0
10°	4650.0	4654.7	4661.6	4631.5	4608.2	4589.7	4564.1	4487.5	4485.2	4466.6	4466.6
12.5°	4800.9	4789.3	4777.7	4763.8	4745.2	4722.0	4684.9	4594.3	4564.1	4534.0	4503.8
15°	4845.0	4840.4	4838.1	4831.1	4819.5	4812.5	4784.7	4694.1	4650.0	4612.9	4559.5
17.5°	4729.0	4738.3	4768.4	4770.8	4784.7	4812.5	4807.9	4745.2	4705.8	4689.5	4624.5
20°	4520.0	4522.4	4559.5	4575.7	4636.1	4682.5	4717.4	4710.4	4701.1	4719.7	4670.9
22.5°	4269.3	4285.6	4325.0	4350.6	4408.6	4462.0	4517.7	4547.9	4596.6	4673.3	4664.0
25°	3928.0	3948.9	4004.6	4046.4	4127.7	4208.9	4283.2	4336.6	4394.7	4540.9	4589.7
27.5°	3519.4	3551.9	3623.9	3665.7	3779.5	3863.0	3969.8	4074.3	4155.5	4322.7	4422.5
30°	3090.0	3117.8	3194.4	3252.5	3350.0	3463.7	3598.4	3747.0	3881.6	4051.1	4176.4
32.5°	2688.3	2718.5	2781.2	2832.3	2941.4	3036.6	3185.1	3368.5	3493.9	3728.4	3895.5
35°	2337.8	2365.6	2409.8	2453.9	2544.4	2641.9	2769.6	2948.4	3108.5	3352.3	3563.6
37.5°	2091.7	2096.3	2121.9	2147.4	2214.7	2289.0	2388.9	2546.7	2695.3	2957.6	3189.8
40°	1915.3	1915.3	1929.2	1936.2	1966.3	2010.4	2073.1	2196.2	2319.2	2518.9	2802.1
42.5°	1806.2	1801.5	1801.5	1803.8	1801.5	1822.4	1859.5	1917.6	2026.7	2191.5	2412.1
45°	1724.9	1715.6	1708.7	1692.4	1683.1	1683.1	1685.4	1706.3	1769.0	1875.8	2054.6
47.5°	1634.4	1632.0	1620.4	1601.9	1585.6	1574.0	1555.4	1548.5	1567.0	1627.4	1748.1
50°	1529.9	1518.3	1506.7	1492.7	1474.2	1462.6	1427.7	1430.1	1413.8	1441.7	1504.4
52.5°	1376.7	1367.4	1362.7	1351.1	1344.2	1339.5	1311.7	1283.8	1276.8	1281.5	1304.7
55°	1207.2	1211.8	1193.3	1202.6	1200.2	1179.3	1167.7	1146.8	1139.9	1137.6	1149.2
57.5°	1030.8	1035.4	1023.8	1033.1	1033.1	1021.5	1014.5	1014.5	998.3	984.3	1000.6
60°	870.6	861.3	868.3	879.9	879.9	872.9	868.3	868.3	856.6	852.0	863.6
62.5°	740.6	731.3	738.2	749.9	752.2	747.5	742.9	742.9	729.0	729.0	738.2
65°	640.7	643.1	640.7	650.0	650.0	652.4	647.7	643.1	626.8	633.8	631.5
67.5°	568.8	566.5	566.5	575.7	573.4	578.1	573.4	566.5	554.8	545.6	543.2
70°	508.4	506.1	506.1	510.7	513.1	513.1	510.7	506.1	489.8	480.6	473.6
72.5°	455.0	452.7	455.0	457.3	459.7	462.0	459.7	455.0	441.1	429.5	417.9
75°	406.3	403.9	410.9	410.9	413.2	413.2	415.6	413.2	401.6	387.7	373.8
77.5°	357.5	359.8	366.8	369.1	373.8	376.1	378.4	378.4	366.8	355.2	336.6
80°	318.1	322.7	327.3	329.7	334.3	341.3	343.6	345.9	336.6	325.0	304.1
82.5°	290.2	292.5	297.2	299.5	306.4	308.8	311.1	315.7	311.1	299.5	276.3
85°	267.0	269.3	273.9	273.9	278.6	283.2	285.5	287.9	285.5	273.9	250.7
87.5°	246.1	248.4	250.7	253.0	255.4	257.7	260.0	262.3	260.0	248.4	227.5
90°	227.5	227.5	229.8	229.8	232.2	234.5	239.1	239.1	236.8	227.5	206.6
92.5°	206.6	208.9	208.9	211.3	213.6	215.9	218.2	218.2	215.9	206.6	188.0
95°	192.7	192.7	195.0	195.0	197.3	197.3	199.7	199.7	197.3	188.0	169.5
97.5°	176.4	176.4	176.4	176.4	178.8	178.8	181.1	181.1	178.8	169.5	153.2
100°	162.5	162.5	162.5	162.5	162.5	164.8	164.8	164.8	162.5	153.2	137.0
102.5°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	146.3	139.3	123.0
105°	143.9	143.9	143.9	141.6	141.6	141.6	139.3	139.3	132.3	125.4	111.4
107.5°	134.6	134.6	134.6	132.3	132.3	130.0	127.7	127.7	120.7	113.8	99.8
110°	127.7	127.7	127.7	125.4	123.0	120.7	118.4	116.1	109.1	99.8	88.2



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	120.7	120.7	118.4	118.4	116.1	113.8	109.1	106.8	99.8	90.5	78.9
115°	111.4	111.4	111.4	109.1	106.8	104.5	102.1	97.5	90.5	81.3	69.6
117.5°	102.1	102.1	102.1	99.8	97.5	95.2	92.9	88.2	81.3	72.0	62.7
120°	92.9	92.9	92.9	90.5	88.2	85.9	83.6	78.9	72.0	65.0	53.4
122.5°	85.9	85.9	83.6	81.3	78.9	76.6	74.3	69.6	65.0	55.7	46.4
125°	76.6	76.6	74.3	74.3	72.0	69.6	67.3	62.7	55.7	48.8	41.8
127.5°	69.6	67.3	67.3	67.3	65.0	62.7	58.0	55.7	48.8	41.8	34.8
130°	60.4	60.4	60.4	58.0	58.0	55.7	51.1	46.4	41.8	37.1	30.2
132.5°	53.4	53.4	53.4	53.4	51.1	48.8	44.1	41.8	37.1	30.2	25.5
135°	48.8	48.8	46.4	46.4	44.1	41.8	39.5	34.8	30.2	25.5	20.9
137.5°	41.8	41.8	41.8	39.5	39.5	37.1	32.5	30.2	27.9	23.2	18.6
140°	37.1	37.1	34.8	34.8	32.5	32.5	30.2	25.5	23.2	18.6	16.3
142.5°	32.5	32.5	30.2	30.2	27.9	27.9	25.5	23.2	18.6	16.3	11.6
145°	27.9	27.9	25.5	25.5	25.5	23.2	20.9	18.6	16.3	13.9	11.6
147.5°	23.2	23.2	23.2	20.9	20.9	18.6	18.6	16.3	13.9	11.6	9.3
150°	20.9	20.9	18.6	18.6	18.6	16.3	13.9	13.9	11.6	9.3	7.0
152.5°	16.3	16.3	16.3	16.3	13.9	13.9	11.6	11.6	9.3	7.0	7.0
155°	13.9	13.9	13.9	11.6	11.6	11.6	9.3	9.3	7.0	7.0	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: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5	4494.5
2.5°	4469.0	4466.6	4487.5	4485.2	4457.3	4499.1	4527.0
5°	4457.3	4455.0	4473.6	4478.2	4448.1	4492.2	4522.4
7.5°	4448.1	4445.7	4466.6	4473.6	4443.4	4482.9	4515.4
10°	4450.4	4438.8	4457.3	4462.0	4434.1	4475.9	4503.8
12.5°	4466.6	4438.8	4445.7	4445.7	4420.2	4457.3	4487.5
15°	4506.1	4448.1	4438.8	4431.8	4399.3	4434.1	4464.3
17.5°	4550.2	4471.3	4438.8	4415.6	4376.1	4406.3	4438.8
20°	4594.3	4496.8	4443.4	4406.3	4352.9	4380.7	4404.0
22.5°	4615.2	4520.0	4448.1	4392.3	4325.0	4338.9	4364.5
25°	4587.4	4510.7	4438.8	4371.5	4290.2	4292.5	4313.4
27.5°	4485.2	4464.3	4417.9	4350.6	4262.3	4250.7	4267.0
30°	4311.1	4369.1	4371.5	4322.7	4229.8	4206.6	4213.6
32.5°	4067.3	4197.3	4273.9	4264.7	4183.4	4150.9	4155.5
35°	3786.4	3948.9	4116.1	4171.8	4113.8	4088.2	4078.9
37.5°	3449.8	3668.0	3890.9	4027.9	4018.6	4002.3	3993.0
40°	3078.4	3340.7	3605.3	3823.6	3890.9	3890.9	3895.5
42.5°	2681.4	2987.8	3278.0	3554.3	3712.1	3747.0	3760.9
45°	2298.3	2607.1	2922.8	3240.9	3452.1	3561.2	3600.7
47.5°	1950.1	2261.2	2560.7	2908.9	3189.8	3331.4	3394.1
50°	1652.9	1885.1	2200.8	2546.7	2853.2	3027.3	3150.3
52.5°	1406.9	1587.9	1864.2	2186.9	2495.7	2734.8	2848.5
55°	1200.2	1323.3	1557.8	1836.3	2131.2	2379.6	2511.9
57.5°	1026.1	1123.6	1283.8	1516.0	1764.4	2010.4	2152.1
60°	872.9	940.2	1049.3	1232.7	1444.0	1655.3	1792.2
62.5°	740.6	784.7	856.6	991.3	1156.1	1321.0	1448.6
65°	638.4	657.0	696.5	780.0	905.4	1030.8	1139.9
67.5°	538.6	550.2	580.4	631.5	694.1	784.7	856.6
70°	464.3	464.3	466.6	496.8	529.3	587.3	638.4
72.5°	403.9	397.0	383.1	390.0	397.0	429.5	462.0
75°	355.2	338.9	315.7	306.4	301.8	306.4	325.0
77.5°	313.4	290.2	262.3	239.1	220.5	213.6	229.8
80°	278.6	250.7	218.2	188.0	157.9	141.6	148.6
82.5°	250.7	215.9	181.1	146.3	111.4	88.2	88.2
85°	220.5	188.0	150.9	113.8	78.9	48.8	44.1
87.5°	199.7	164.8	125.4	90.5	55.7	25.5	13.9
90°	178.8	143.9	106.8	72.0	39.5	11.6	0.0
92.5°	160.2	127.7	92.9	58.0	27.9	7.0	0.0
95°	143.9	113.8	78.9	48.8	23.2	4.6	2.3
97.5°	127.7	99.8	69.6	39.5	16.3	4.6	2.3
100°	116.1	88.2	60.4	32.5	13.9	2.3	2.3
102.5°	102.1	78.9	51.1	27.9	11.6	2.3	2.3
105°	90.5	69.6	44.1	23.2	9.3	2.3	2.3
107.5°	81.3	60.4	39.5	20.9	9.3	2.3	2.3
110°	72.0	53.4	34.8	18.6	7.0	2.3	2.3



TEST NUMBER: P290249

CATALOG NUMBER: 8SSRK-LC-10-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	65.0	46.4	30.2	16.3	4.6	2.3	2.3
115°	55.7	41.8	25.5	13.9	4.6	2.3	2.3
117.5°	48.8	34.8	23.2	11.6	4.6	2.3	2.3
120°	41.8	30.2	18.6	9.3	2.3	2.3	2.3
122.5°	37.1	25.5	16.3	9.3	2.3	2.3	2.3
125°	32.5	23.2	13.9	7.0	2.3	2.3	2.3
127.5°	27.9	18.6	11.6	4.6	2.3	2.3	2.3
130°	23.2	16.3	9.3	4.6	2.3	2.3	2.3
132.5°	18.6	13.9	9.3	4.6	2.3	2.3	2.3
135°	16.3	11.6	7.0	4.6	2.3	2.3	2.3
137.5°	13.9	9.3	4.6	4.6	4.6	2.3	2.3
140°	11.6	7.0	4.6	4.6	4.6	4.6	2.3
142.5°	9.3	7.0	4.6	4.6	4.6	4.6	2.3
145°	7.0	4.6	4.6	4.6	4.6	4.6	2.3
147.5°	7.0	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)