

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: P290256

Luminaire Tested: **8SSRK-LC-12-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: P290256  
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-12-L830-CD1-U  
Description: 12000 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: 11696.2 lumens  
Efficiency: N/A  
Efficacy: 144.6 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

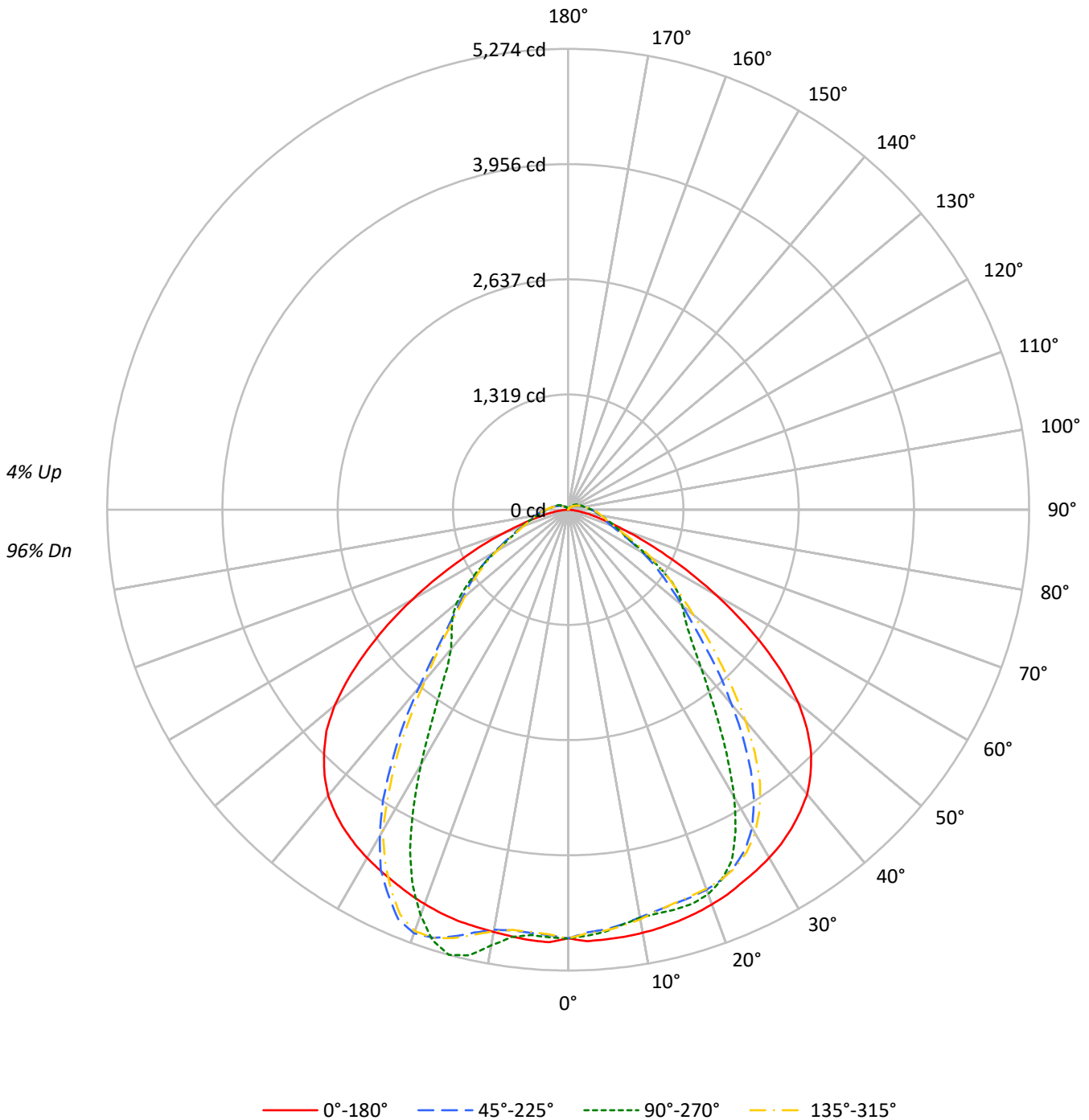
Input Watts (W): 80.8951  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### 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°	158432	158432	158432	158432
5°	159731	116409	160058	117322
10°	160617	91172	160287	97359
15°	162013	76429	161930	85097
20°	163958	65531	163787	69077
25°	166152	55086	166064	53227
30°	169467	42801	169563	37919
35°	173004	31278	173494	26468
40°	176174	22879	176911	20157
45°	175836	17660	176744	17197
50°	168578	14835	170936	14504
55°	149910	12158	153655	11052
60°	121950	8464	128426	7762
65°	91009	5863	98052	5560
70°	62235	4550	70156	4351
75°	41073	3653	47822	3454
80°	26975	2984	31615	2746
85°	14424	2552	18972	2332



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	466.0	4.0
10°-20°	1386.6	11.9
20°-30°	2108.1	18.0
30°-40°	2261.4	19.3
40°-50°	1962.7	16.8
50°-60°	1454.5	12.4
60°-70°	833.4	7.1
70°-80°	461.5	3.9
80°-90°	281.0	2.4
90°-100°	182.7	1.6
100°-110°	122.4	1.0
110°-120°	82.6	0.7
120°-130°	50.7	0.4
130°-140°	26.7	0.2
140°-150°	12.2	0.1
150°-160°	3.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3960.7	33.9
0°-40°	6222.2	53.2
0°-60°	9639.4	82.4
0°-90°	11215.4	95.9
90°-120°	387.8	3.3
90°-150°	477.3	4.1
90°-180°	481.0	4.1
0°-180°	11696.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4906	4906	4906	4906	4906	
5°	4937	4848	4947	4886	4937	471
15°	4873	4736	4871	5274	4873	1379
25°	4709	4430	4706	4280	4709	2177
35°	4453	3016	4465	2552	4453	2787
45°	3931	1934	3951	1883	3931	3009
55°	2742	1450	2810	1318	2742	2432
65°	1244	735	1341	697	1244	1254
75°	355	466	413	441	355	405
85°	48	322	63	294	48	63
90°	0	269	5	248	0	2
95°	2	220	0	210	2	2
105°	2	165	2	157	2	3
115°	2	134	2	122	2	2
125°	2	101	2	84	2	2
135°	2	63	2	53	2	2
145°	2	38	5	30	2	2
155°	5	18	5	15	5	2
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°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4941.8	4929.1	4924.0	4913.9	4921.5	4951.9	4931.6	4898.7	4901.2	4842.9	4873.3
5°	4936.7	4921.5	4913.9	4903.7	4908.8	4936.7	4916.4	4883.5	4880.9	4822.7	4850.5
7.5°	4929.1	4913.9	4901.2	4893.6	4896.1	4919.0	4893.6	4855.6	4848.0	4784.6	4810.0
10°	4916.4	4906.3	4888.5	4875.9	4873.3	4898.7	4858.1	4820.1	4802.4	4736.5	4761.8
12.5°	4898.7	4883.5	4865.7	4842.9	4840.4	4855.6	4822.7	4769.4	4751.7	4698.5	4726.4
15°	4873.3	4855.6	4835.3	4810.0	4797.3	4807.4	4766.9	4718.7	4716.2	4670.6	4708.6
17.5°	4845.5	4820.1	4797.3	4761.8	4744.1	4751.7	4718.7	4675.7	4680.7	4652.9	4695.9
20°	4807.4	4779.6	4744.1	4708.6	4683.3	4695.9	4673.1	4640.2	4647.8	4627.5	4665.5
22.5°	4764.4	4726.4	4683.3	4642.7	4622.4	4640.2	4622.4	4594.6	4597.1	4584.4	4607.2
25°	4708.6	4665.5	4614.8	4564.2	4554.0	4566.7	4556.6	4533.7	4523.6	4503.3	4513.5
27.5°	4657.9	4609.8	4546.4	4493.2	4475.5	4500.8	4478.0	4440.0	4412.1	4384.2	4364.0
30°	4599.6	4541.4	4470.4	4409.6	4394.4	4404.5	4371.6	4313.3	4239.8	4204.3	4148.5
32.5°	4536.3	4460.3	4371.6	4303.1	4293.0	4285.4	4224.6	4140.9	4026.9	3955.9	3869.8
35°	4452.7	4369.0	4262.6	4179.0	4163.7	4120.7	4021.8	3910.3	3763.3	3641.7	3494.7
37.5°	4358.9	4260.1	4148.5	4037.0	3994.0	3907.8	3768.4	3651.8	3428.8	3281.8	3104.4
40°	4252.4	4133.3	3996.5	3862.2	3791.2	3651.8	3492.2	3319.8	3104.4	2906.8	2757.2
42.5°	4105.5	3978.8	3816.6	3667.0	3545.4	3360.4	3172.9	2929.6	2731.9	2564.6	2412.6
45°	3930.6	3778.5	3591.0	3411.1	3256.5	3036.0	2815.5	2572.2	2407.5	2212.4	2108.5
47.5°	3705.1	3540.3	3340.1	3139.9	2937.2	2693.9	2463.3	2230.1	2065.4	1926.0	1850.0
50°	3439.0	3286.9	3066.4	2828.2	2605.2	2351.8	2121.2	1946.3	1786.6	1700.5	1642.2
52.5°	3109.5	2967.6	2742.0	2483.6	2268.1	2019.8	1809.4	1667.5	1553.5	1490.1	1469.9
55°	2742.0	2617.9	2394.9	2154.1	1933.6	1705.5	1545.9	1421.7	1348.2	1310.2	1312.7
57.5°	2349.2	2252.9	2042.6	1827.2	1619.4	1447.0	1302.6	1203.8	1148.0	1145.5	1153.1
60°	1956.4	1885.5	1703.0	1518.0	1335.5	1196.2	1089.7	1021.3	985.8	988.4	985.8
62.5°	1581.4	1515.5	1383.7	1231.6	1087.2	993.4	897.1	869.2	838.8	836.3	836.3
65°	1244.3	1193.6	1087.2	978.2	869.2	808.4	760.3	727.3	704.5	699.4	702.0
67.5°	935.1	914.9	841.4	767.9	699.4	661.4	620.9	613.3	595.5	595.5	600.6
70°	696.9	681.7	641.2	598.1	570.2	544.9	524.6	524.6	522.1	519.5	532.2
72.5°	504.3	506.8	494.2	461.2	458.7	453.6	448.6	456.2	458.7	466.3	481.5
75°	354.8	362.4	362.4	357.3	367.5	380.1	387.7	400.4	415.6	425.8	443.5
77.5°	250.9	250.9	263.6	278.8	299.0	321.8	342.1	359.9	380.1	392.8	408.0
80°	162.2	169.8	190.1	217.9	245.8	276.2	304.1	326.9	347.2	367.5	377.6
82.5°	96.3	109.0	134.3	169.8	205.3	243.3	271.2	299.0	321.8	342.1	349.7
85°	48.2	65.9	96.3	134.3	172.3	212.9	248.4	273.7	299.0	316.8	326.9
87.5°	15.2	35.5	68.4	103.9	144.5	185.0	223.0	250.9	273.7	288.9	299.0
90°	0.0	17.7	48.2	86.2	124.2	164.7	200.2	230.6	253.4	266.1	273.7
92.5°	0.0	10.1	38.0	71.0	106.4	147.0	182.5	210.3	230.6	243.3	248.4
95°	2.5	7.6	27.9	58.3	93.8	131.8	164.7	190.1	210.3	223.0	225.5
97.5°	2.5	5.1	22.8	48.2	81.1	116.6	149.5	174.9	190.1	202.7	205.3
100°	2.5	5.1	17.7	43.1	71.0	103.9	134.3	157.1	174.9	185.0	187.5
102.5°	2.5	2.5	15.2	35.5	63.4	91.2	119.1	141.9	157.1	167.3	172.3
105°	2.5	2.5	12.7	30.4	55.8	81.1	106.4	129.2	141.9	152.1	157.1
107.5°	2.5	2.5	10.1	25.3	48.2	71.0	96.3	114.0	129.2	139.4	144.5
110°	2.5	2.5	7.6	22.8	40.5	63.4	83.6	101.4	116.6	126.7	131.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	2.5	2.5	7.6	20.3	35.5	55.8	73.5	91.2	103.9	114.0	121.6
115°	2.5	2.5	7.6	17.7	32.9	48.2	65.9	81.1	93.8	103.9	111.5
117.5°	2.5	2.5	7.6	15.2	27.9	43.1	58.3	73.5	83.6	93.8	101.4
120°	2.5	2.5	5.1	12.7	25.3	38.0	50.7	63.4	76.0	86.2	93.8
122.5°	2.5	2.5	5.1	12.7	20.3	32.9	45.6	55.8	68.4	76.0	83.6
125°	2.5	2.5	5.1	10.1	17.7	30.4	40.5	50.7	58.3	68.4	76.0
127.5°	2.5	2.5	5.1	10.1	15.2	25.3	35.5	45.6	53.2	60.8	65.9
130°	2.5	2.5	5.1	7.6	12.7	20.3	30.4	38.0	48.2	53.2	58.3
132.5°	2.5	2.5	2.5	7.6	10.1	15.2	22.8	32.9	40.5	48.2	50.7
135°	2.5	2.5	2.5	5.1	10.1	12.7	17.7	25.3	32.9	40.5	45.6
137.5°	2.5	2.5	2.5	5.1	7.6	12.7	15.2	20.3	27.9	32.9	40.5
140°	2.5	2.5	2.5	5.1	7.6	10.1	12.7	17.7	22.8	27.9	32.9
142.5°	2.5	2.5	2.5	5.1	5.1	7.6	10.1	15.2	17.7	22.8	27.9
145°	2.5	2.5	2.5	5.1	5.1	7.6	10.1	12.7	15.2	17.7	22.8
147.5°	2.5	2.5	2.5	5.1	5.1	5.1	7.6	10.1	12.7	15.2	17.7
150°	5.1	5.1	5.1	5.1	5.1	5.1	7.6	7.6	10.1	12.7	15.2
152.5°	5.1	5.1	5.1	5.1	5.1	5.1	7.6	7.6	7.6	10.1	12.7
155°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	7.6	7.6	10.1	10.1
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°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4863.2	4868.3	4898.7	4896.1	4891.1	4886.0	4886.0	4880.9	4886.0	4898.7	4893.6
5°	4837.9	4845.5	4868.3	4865.7	4860.7	4858.1	4855.6	4848.0	4853.1	4870.8	4865.7
7.5°	4792.2	4799.8	4820.1	4810.0	4802.4	4807.4	4794.8	4787.2	4797.3	4815.0	4812.5
10°	4744.1	4749.2	4774.5	4769.4	4756.8	4759.3	4746.6	4741.6	4754.2	4764.4	4766.9
12.5°	4711.1	4728.9	4751.7	4749.2	4746.6	4749.2	4736.5	4731.4	4739.0	4749.2	4746.6
15°	4703.5	4726.4	4751.7	4751.7	4754.2	4756.8	4744.1	4736.5	4744.1	4751.7	4749.2
17.5°	4695.9	4723.8	4746.6	4744.1	4746.6	4751.7	4731.4	4726.4	4736.5	4746.6	4741.6
20°	4670.6	4695.9	4711.1	4706.1	4706.1	4708.6	4683.3	4683.3	4698.5	4706.1	4708.6
22.5°	4599.6	4630.0	4630.0	4617.4	4617.4	4607.2	4599.6	4584.4	4602.2	4614.8	4625.0
25°	4493.2	4505.9	4490.7	4462.8	4447.6	4434.9	4399.4	4429.8	4429.8	4467.9	4480.5
27.5°	4343.7	4315.8	4272.7	4214.4	4201.8	4161.2	4138.4	4146.0	4158.7	4211.9	4252.4
30°	4097.9	4014.2	3940.7	3915.4	3859.6	3819.1	3778.5	3798.8	3821.6	3852.0	3935.7
32.5°	3773.5	3692.4	3573.3	3530.2	3471.9	3421.2	3373.1	3403.5	3444.0	3464.3	3555.5
35°	3400.9	3304.6	3195.7	3122.2	3061.4	3033.5	2972.7	3015.7	3058.8	3074.0	3152.6
37.5°	3005.6	2906.8	2810.5	2747.1	2688.8	2671.1	2630.5	2660.9	2693.9	2716.7	2782.6
40°	2630.5	2539.3	2465.8	2422.7	2382.2	2367.0	2351.8	2364.4	2389.8	2407.5	2458.2
42.5°	2308.7	2235.2	2184.5	2159.2	2131.3	2111.0	2113.6	2118.6	2131.3	2169.3	2192.1
45°	2027.4	1984.3	1951.4	1946.3	1928.6	1926.0	1923.5	1933.6	1941.2	1964.0	1981.8
47.5°	1801.8	1784.1	1776.5	1786.6	1794.2	1784.1	1789.2	1801.8	1817.0	1817.0	1814.5
50°	1624.4	1629.5	1639.7	1662.5	1677.7	1682.7	1687.8	1703.0	1705.5	1710.6	1703.0
52.5°	1480.0	1485.1	1512.9	1548.4	1566.2	1573.8	1583.9	1599.1	1599.1	1604.2	1594.0
55°	1333.0	1340.6	1368.5	1404.0	1419.2	1429.3	1439.4	1449.6	1457.2	1467.3	1459.7
57.5°	1170.8	1193.6	1211.4	1221.5	1231.6	1239.2	1246.8	1249.4	1264.6	1267.1	1279.8
60°	998.5	1003.6	1021.3	1018.8	1011.2	1031.4	1021.3	1039.0	1056.8	1079.6	1082.1
62.5°	833.8	836.3	849.0	843.9	854.0	851.5	859.1	859.1	871.8	881.9	894.6
65°	704.5	707.1	717.2	717.2	714.7	722.3	729.9	734.9	734.9	742.5	752.7
67.5°	608.2	615.8	626.0	631.0	636.1	636.1	643.7	646.2	651.3	653.8	658.9
70°	542.3	552.5	562.6	567.7	570.2	575.3	577.8	577.8	582.9	585.4	590.5
72.5°	494.2	504.3	511.9	511.9	517.0	519.5	519.5	522.1	524.6	529.7	534.7
75°	453.6	461.2	466.3	463.8	463.8	463.8	466.3	466.3	471.4	476.4	481.5
77.5°	415.6	423.2	423.2	418.1	418.1	418.1	418.1	420.7	423.2	428.3	433.4
80°	387.7	387.7	385.2	385.2	380.1	377.6	377.6	380.1	380.1	385.2	392.8
82.5°	357.3	357.3	354.8	352.3	349.7	347.2	347.2	349.7	352.3	354.8	359.9
85°	329.5	329.5	324.4	324.4	321.8	321.8	321.8	321.8	324.4	326.9	332.0
87.5°	301.6	299.0	296.5	294.0	294.0	294.0	294.0	294.0	296.5	301.6	304.1
90°	273.7	271.2	268.6	268.6	266.1	266.1	268.6	268.6	271.2	273.7	276.2
92.5°	248.4	245.8	243.3	243.3	240.8	240.8	243.3	240.8	245.8	245.8	248.4
95°	225.5	223.0	220.5	220.5	220.5	220.5	220.5	220.5	223.0	223.0	225.5
97.5°	205.3	202.7	200.2	200.2	202.7	200.2	202.7	202.7	202.7	205.3	207.8
100°	187.5	185.0	185.0	187.5	185.0	185.0	187.5	187.5	187.5	187.5	190.1
102.5°	172.3	172.3	172.3	172.3	172.3	172.3	174.9	174.9	174.9	174.9	177.4
105°	157.1	159.7	159.7	159.7	162.2	162.2	162.2	164.7	164.7	164.7	164.7
107.5°	147.0	149.5	149.5	152.1	152.1	154.6	154.6	154.6	154.6	157.1	157.1
110°	136.8	139.4	141.9	144.5	144.5	147.0	147.0	147.0	147.0	147.0	147.0





TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	126.7	129.2	131.8	136.8	139.4	139.4	139.4	139.4	141.9	141.9	139.4
115°	116.6	121.6	124.2	129.2	131.8	131.8	134.3	134.3	134.3	134.3	131.8
117.5°	106.4	114.0	116.6	121.6	124.2	124.2	126.7	126.7	126.7	126.7	124.2
120°	98.8	103.9	109.0	111.5	114.0	116.6	116.6	119.1	119.1	119.1	116.6
122.5°	91.2	96.3	101.4	103.9	106.4	109.0	109.0	109.0	109.0	109.0	109.0
125°	81.1	86.2	91.2	93.8	96.3	98.8	98.8	101.4	101.4	101.4	98.8
127.5°	73.5	78.6	81.1	86.2	88.7	88.7	91.2	91.2	91.2	91.2	88.7
130°	63.4	68.4	73.5	76.0	78.6	78.6	81.1	81.1	81.1	81.1	81.1
132.5°	55.8	60.8	63.4	68.4	68.4	71.0	71.0	73.5	73.5	73.5	71.0
135°	50.7	53.2	55.8	60.8	60.8	63.4	63.4	63.4	63.4	63.4	63.4
137.5°	45.6	48.2	50.7	53.2	53.2	55.8	55.8	55.8	55.8	58.3	55.8
140°	38.0	43.1	45.6	45.6	48.2	48.2	48.2	50.7	50.7	50.7	48.2
142.5°	32.9	35.5	38.0	40.5	43.1	43.1	43.1	43.1	45.6	43.1	43.1
145°	25.3	30.4	32.9	35.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0
147.5°	20.3	22.8	27.9	30.4	30.4	32.9	32.9	32.9	32.9	32.9	32.9
150°	17.7	17.7	22.8	25.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9
152.5°	12.7	15.2	17.7	20.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8
155°	12.7	12.7	15.2	15.2	17.7	17.7	17.7	17.7	20.3	17.7	17.7
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: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4886.0	4883.5	4893.6	4883.5	4832.8	4853.1	4845.5	4873.3	4875.9	4883.5	4908.8
5°	4860.7	4860.7	4873.3	4863.2	4815.0	4835.3	4832.8	4860.7	4865.7	4870.8	4898.7
7.5°	4810.0	4812.5	4830.3	4822.7	4772.0	4802.4	4799.8	4832.8	4842.9	4853.1	4878.4
10°	4761.8	4759.3	4779.6	4772.0	4723.8	4759.3	4756.8	4789.7	4804.9	4822.7	4853.1
12.5°	4736.5	4728.9	4736.5	4728.9	4675.7	4703.5	4706.1	4744.1	4761.8	4784.6	4820.1
15°	4736.5	4723.8	4723.8	4708.6	4647.8	4665.5	4668.1	4693.4	4716.2	4739.0	4782.1
17.5°	4731.4	4718.7	4716.2	4703.5	4637.7	4637.7	4635.1	4652.9	4665.5	4688.3	4734.0
20°	4703.5	4698.5	4695.9	4688.3	4627.5	4617.4	4612.3	4612.3	4619.9	4627.5	4673.1
22.5°	4630.0	4635.1	4640.2	4645.3	4597.1	4579.4	4581.9	4576.8	4569.2	4569.2	4607.2
25°	4493.2	4518.5	4538.8	4561.6	4533.7	4521.1	4536.3	4528.7	4516.0	4505.9	4538.8
27.5°	4275.3	4328.5	4371.6	4427.3	4429.8	4419.7	4460.3	4455.2	4452.7	4437.4	4462.8
30°	3973.7	4057.3	4115.6	4196.7	4265.1	4275.3	4343.7	4353.8	4364.0	4356.4	4381.7
32.5°	3608.8	3722.8	3821.6	3948.3	4014.2	4072.5	4168.8	4209.4	4249.9	4262.6	4290.5
35°	3210.9	3340.1	3456.7	3596.1	3700.0	3826.7	3943.3	4004.1	4095.3	4130.8	4171.4
37.5°	2833.3	2954.9	3069.0	3208.3	3375.6	3507.4	3651.8	3788.7	3912.9	3963.5	4024.4
40°	2498.8	2597.6	2706.6	2828.2	2980.3	3152.6	3309.7	3499.8	3646.8	3748.1	3836.8
42.5°	2245.3	2293.5	2387.3	2496.2	2617.9	2792.7	2952.4	3165.3	3342.7	3487.1	3634.1
45°	2019.8	2042.6	2111.0	2169.3	2293.5	2448.1	2617.9	2825.7	3010.7	3195.7	3373.1
47.5°	1827.2	1855.1	1888.0	1923.5	2012.2	2141.4	2288.4	2475.9	2660.9	2876.4	3079.1
50°	1697.9	1705.5	1710.6	1725.8	1779.0	1867.7	1986.8	2146.5	2323.9	2554.5	2769.9
52.5°	1583.9	1583.9	1568.7	1561.1	1581.4	1637.1	1705.5	1819.6	2002.0	2214.9	2443.0
55°	1462.3	1439.4	1434.4	1409.0	1414.1	1439.4	1472.4	1561.1	1710.6	1893.1	2113.6
57.5°	1292.5	1282.3	1282.3	1272.2	1251.9	1264.6	1272.2	1335.5	1442.0	1599.1	1791.7
60°	1097.3	1092.3	1104.9	1107.5	1089.7	1097.3	1094.8	1132.8	1208.8	1335.5	1495.2
62.5°	902.2	925.0	927.5	937.7	927.5	925.0	937.7	970.6	1008.6	1104.9	1229.1
65°	757.7	770.4	772.9	785.6	780.5	780.5	790.7	816.0	838.8	904.7	1001.0
67.5°	664.0	658.9	661.4	669.0	661.4	658.9	666.5	681.7	699.4	740.0	808.4
70°	590.5	585.4	585.4	585.4	575.3	567.7	570.2	575.3	582.9	605.7	648.8
72.5°	534.7	534.7	527.1	519.5	511.9	506.8	501.8	496.7	494.2	501.8	524.6
75°	484.0	486.6	484.0	476.4	466.3	456.2	446.0	435.9	423.2	418.1	420.7
77.5°	438.4	441.0	443.5	441.0	430.8	418.1	402.9	387.7	370.0	352.3	342.1
80°	397.9	402.9	405.5	402.9	395.3	385.2	367.5	349.7	324.4	301.6	276.2
82.5°	362.4	370.0	372.5	372.5	367.5	357.3	337.1	316.8	288.9	258.5	225.5
85°	334.5	339.6	344.7	344.7	342.1	332.0	311.7	288.9	261.0	225.5	190.1
87.5°	306.6	309.2	314.2	319.3	314.2	304.1	286.4	261.0	233.1	197.7	157.1
90°	278.8	281.3	286.4	291.4	288.9	278.8	263.6	240.8	210.3	172.3	131.8
92.5°	250.9	256.0	258.5	261.0	263.6	256.0	243.3	220.5	190.1	152.1	114.0
95°	230.6	230.6	235.7	238.2	240.8	233.1	223.0	200.2	172.3	136.8	98.8
97.5°	210.3	210.3	215.4	215.4	217.9	212.9	202.7	182.5	154.6	121.6	83.6
100°	190.1	192.6	195.1	197.7	197.7	195.1	185.0	164.7	139.4	109.0	73.5
102.5°	177.4	177.4	179.9	179.9	182.5	177.4	167.3	149.5	124.2	96.3	63.4
105°	164.7	164.7	167.3	167.3	164.7	159.7	149.5	134.3	111.5	83.6	55.8
107.5°	154.6	154.6	154.6	154.6	152.1	147.0	136.8	119.1	98.8	76.0	50.7
110°	147.0	144.5	144.5	141.9	139.4	131.8	121.6	106.4	88.7	65.9	43.1



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	139.4	136.8	134.3	131.8	126.7	119.1	109.0	96.3	78.6	58.3	38.0
115°	131.8	129.2	126.7	121.6	116.6	109.0	98.8	86.2	68.4	50.7	32.9
117.5°	124.2	121.6	116.6	111.5	106.4	98.8	88.7	76.0	60.8	45.6	30.4
120°	114.0	111.5	109.0	103.9	98.8	88.7	78.6	68.4	53.2	40.5	25.3
122.5°	106.4	103.9	98.8	96.3	88.7	81.1	71.0	60.8	48.2	35.5	22.8
125°	96.3	93.8	91.2	86.2	81.1	71.0	63.4	53.2	43.1	30.4	17.7
127.5°	88.7	86.2	81.1	76.0	71.0	63.4	55.8	48.2	38.0	25.3	17.7
130°	78.6	76.0	73.5	68.4	63.4	55.8	50.7	40.5	32.9	22.8	15.2
132.5°	68.4	68.4	65.9	60.8	55.8	50.7	43.1	35.5	27.9	20.3	12.7
135°	63.4	60.8	58.3	53.2	50.7	43.1	38.0	30.4	22.8	17.7	10.1
137.5°	55.8	53.2	50.7	48.2	43.1	38.0	32.9	25.3	20.3	15.2	10.1
140°	48.2	45.6	45.6	40.5	38.0	32.9	27.9	22.8	17.7	12.7	7.6
142.5°	43.1	40.5	38.0	35.5	32.9	27.9	22.8	17.7	15.2	10.1	7.6
145°	38.0	35.5	32.9	30.4	27.9	22.8	20.3	15.2	12.7	10.1	7.6
147.5°	30.4	30.4	27.9	25.3	22.8	20.3	17.7	15.2	10.1	7.6	5.1
150°	25.3	25.3	22.8	20.3	20.3	17.7	15.2	12.7	10.1	7.6	5.1
152.5°	22.8	20.3	20.3	17.7	17.7	15.2	12.7	10.1	7.6	7.6	5.1
155°	17.7	17.7	17.7	15.2	15.2	12.7	10.1	10.1	7.6	5.1	5.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4913.9	4883.5	4908.8	4954.4	4949.4	4944.3	4939.2	4949.4	4982.3	4964.6	4936.7
5°	4906.3	4875.9	4903.7	4946.8	4944.3	4936.7	4931.6	4941.8	4974.7	4957.0	4926.6
7.5°	4891.1	4863.2	4883.5	4926.6	4926.6	4921.5	4916.4	4926.6	4957.0	4941.8	4911.3
10°	4865.7	4845.5	4865.7	4906.3	4908.8	4898.7	4893.6	4906.3	4936.7	4929.1	4903.7
12.5°	4845.5	4825.2	4848.0	4888.5	4891.1	4880.9	4873.3	4888.5	4929.1	4934.2	4926.6
15°	4817.6	4799.8	4827.7	4870.8	4870.8	4863.2	4863.2	4883.5	4939.2	4962.0	4974.7
17.5°	4777.0	4764.4	4797.3	4840.4	4842.9	4837.9	4840.4	4880.9	4954.4	5010.2	5045.7
20°	4726.4	4721.3	4756.8	4802.4	4810.0	4812.5	4825.2	4886.0	4987.4	5063.4	5098.9
22.5°	4665.5	4668.1	4708.6	4756.8	4766.9	4774.5	4799.8	4886.0	5012.7	5093.8	5109.0
25°	4597.1	4604.7	4647.8	4706.1	4718.7	4734.0	4777.0	4888.5	5020.3	5073.5	5048.2
27.5°	4523.6	4538.8	4594.6	4655.4	4670.6	4695.9	4751.7	4873.3	4984.8	4987.4	4893.6
30°	4447.6	4465.3	4531.2	4602.2	4627.5	4652.9	4721.3	4837.9	4898.7	4817.6	4652.9
32.5°	4361.4	4386.8	4452.7	4538.8	4569.2	4602.2	4670.6	4769.4	4746.6	4571.8	4336.1
35°	4252.4	4287.9	4364.0	4465.3	4493.2	4536.3	4584.4	4607.2	4505.9	4257.5	3991.4
37.5°	4118.1	4171.4	4260.1	4376.6	4407.0	4434.9	4447.6	4384.2	4181.5	3912.9	3636.6
40°	3963.5	4044.6	4140.9	4270.2	4300.6	4300.6	4255.0	4120.7	3864.7	3512.5	3205.8
42.5°	3776.0	3874.8	3996.5	4125.7	4156.1	4120.7	4011.7	3776.0	3484.6	3091.8	2767.4
45°	3547.9	3679.7	3816.6	3950.9	3966.1	3887.5	3692.4	3393.3	3033.5	2668.6	2359.4
47.5°	3276.8	3449.1	3598.6	3750.7	3730.4	3598.6	3337.6	2998.0	2617.9	2273.2	2024.9
50°	2972.7	3175.4	3342.7	3487.1	3444.0	3261.6	2954.9	2600.1	2222.5	1928.6	1723.3
52.5°	2648.3	2881.4	3048.7	3165.3	3107.0	2889.0	2552.0	2212.4	1903.2	1634.6	1497.7
55°	2311.2	2546.9	2719.2	2810.5	2734.4	2498.8	2166.8	1857.6	1566.2	1391.3	1310.2
57.5°	1984.3	2204.8	2367.0	2440.5	2344.2	2108.5	1801.8	1540.8	1330.5	1183.5	1142.9
60°	1670.1	1850.0	2004.6	2060.3	1956.4	1738.5	1474.9	1267.1	1112.5	1011.2	990.9
62.5°	1378.6	1525.6	1647.3	1690.3	1589.0	1419.2	1191.1	1036.5	927.5	876.8	851.5
65°	1137.9	1224.0	1348.2	1340.6	1279.8	1122.7	955.4	846.4	775.5	742.5	727.3
67.5°	894.6	973.1	1051.7	1061.8	985.8	876.8	767.9	689.3	651.3	633.6	626.0
70°	691.8	750.1	798.3	785.6	745.1	676.6	608.2	565.1	549.9	542.3	542.3
72.5°	537.3	567.7	590.5	575.3	549.9	514.4	481.5	463.8	466.3	471.4	476.4
75°	415.6	423.2	428.3	413.1	408.0	385.2	382.7	385.2	400.4	415.6	423.2
77.5°	319.3	309.2	301.6	286.4	288.9	286.4	299.0	319.3	342.1	364.9	385.2
80°	245.8	223.0	205.3	190.1	197.7	210.3	235.7	266.1	296.5	321.8	347.2
82.5°	190.1	157.1	131.8	116.6	131.8	152.1	185.0	223.0	258.5	286.4	314.2
85°	147.0	109.0	78.6	63.4	78.6	109.0	144.5	187.5	225.5	256.0	283.8
87.5°	114.0	78.6	43.1	25.3	43.1	76.0	116.6	157.1	195.1	230.6	258.5
90°	91.2	53.2	20.3	5.1	22.8	53.2	91.2	131.8	169.8	207.8	235.7
92.5°	73.5	38.0	10.1	0.0	12.7	40.5	76.0	114.0	152.1	187.5	215.4
95°	60.8	30.4	7.6	0.0	10.1	30.4	60.8	98.8	134.3	169.8	192.6
97.5°	50.7	22.8	5.1	0.0	5.1	25.3	50.7	83.6	119.1	152.1	174.9
100°	43.1	20.3	5.1	0.0	5.1	20.3	43.1	73.5	103.9	134.3	157.1
102.5°	35.5	15.2	2.5	2.5	2.5	15.2	38.0	63.4	91.2	119.1	141.9
105°	32.9	12.7	2.5	2.5	2.5	12.7	32.9	55.8	81.1	106.4	126.7
107.5°	27.9	10.1	2.5	2.5	2.5	10.1	27.9	48.2	73.5	96.3	114.0
110°	22.8	10.1	2.5	2.5	2.5	10.1	22.8	43.1	63.4	83.6	101.4



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	20.3	7.6	2.5	2.5	2.5	7.6	20.3	38.0	55.8	76.0	91.2
115°	17.7	7.6	2.5	2.5	2.5	7.6	17.7	32.9	48.2	65.9	81.1
117.5°	15.2	7.6	2.5	2.5	2.5	5.1	15.2	27.9	43.1	58.3	73.5
120°	12.7	5.1	2.5	2.5	2.5	5.1	12.7	25.3	38.0	50.7	63.4
122.5°	12.7	5.1	2.5	2.5	2.5	5.1	10.1	20.3	32.9	43.1	55.8
125°	10.1	5.1	2.5	2.5	2.5	2.5	10.1	17.7	27.9	38.0	48.2
127.5°	10.1	5.1	2.5	2.5	2.5	2.5	7.6	15.2	22.8	32.9	43.1
130°	7.6	5.1	2.5	2.5	2.5	2.5	5.1	12.7	20.3	27.9	35.5
132.5°	7.6	5.1	2.5	2.5	2.5	2.5	5.1	10.1	15.2	22.8	30.4
135°	7.6	2.5	2.5	2.5	2.5	2.5	2.5	7.6	12.7	17.7	22.8
137.5°	5.1	2.5	2.5	2.5	2.5	2.5	2.5	5.1	10.1	12.7	20.3
140°	5.1	2.5	2.5	2.5	2.5	2.5	2.5	5.1	7.6	10.1	15.2
142.5°	5.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.1	7.6	12.7
145°	5.1	2.5	2.5	5.1	5.1	2.5	2.5	5.1	5.1	7.6	10.1
147.5°	5.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.1	5.1	7.6
150°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	7.6
152.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
155°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4931.6	4873.3	4903.7	4893.6	4903.7	4929.1	4926.6	4919.0	4924.0	4911.3	4898.7
5°	4921.5	4863.2	4893.6	4880.9	4893.6	4919.0	4913.9	4906.3	4913.9	4898.7	4886.0
7.5°	4908.8	4855.6	4891.1	4888.5	4911.3	4944.3	4946.8	4946.8	4964.6	4941.8	4931.6
10°	4908.8	4880.9	4929.1	4946.8	5005.1	5048.2	5053.3	5063.4	5093.8	5088.7	5063.4
12.5°	4962.0	4957.0	5027.9	5071.0	5124.2	5185.0	5218.0	5228.1	5248.4	5233.2	5223.1
15°	5030.5	5055.8	5134.4	5182.5	5240.8	5286.4	5294.0	5299.1	5314.3	5291.5	5273.7
17.5°	5121.7	5136.9	5200.3	5220.5	5258.5	5266.1	5256.0	5230.7	5230.7	5180.0	5164.8
20°	5164.8	5157.2	5182.5	5149.6	5134.4	5088.7	5045.7	4997.5	4995.0	4941.8	4936.7
22.5°	5126.8	5076.1	5022.9	4941.8	4906.3	4840.4	4782.1	4754.2	4736.5	4668.1	4650.3
25°	4992.4	4868.3	4789.7	4693.4	4607.2	4531.2	4475.5	4417.2	4361.4	4305.7	4280.3
27.5°	4759.3	4642.7	4516.0	4381.7	4262.6	4146.0	4052.2	3994.0	3940.7	3867.2	3829.2
30°	4472.9	4310.7	4171.4	4042.1	3847.0	3705.1	3626.5	3509.9	3469.4	3436.4	3365.5
32.5°	4135.9	3940.7	3750.7	3575.8	3375.6	3243.8	3139.9	3053.8	3028.4	2942.2	2922.0
35°	3763.3	3507.4	3292.0	3119.6	2975.2	2815.5	2729.4	2671.1	2620.4	2562.1	2552.0
37.5°	3324.9	3094.3	2851.0	2699.0	2584.9	2448.1	2382.2	2341.6	2318.8	2275.7	2268.1
40°	2884.0	2653.3	2486.1	2334.0	2263.1	2189.6	2141.4	2123.7	2113.6	2098.3	2083.1
42.5°	2483.6	2280.8	2161.7	2060.3	2029.9	1994.4	1981.8	1991.9	1981.8	1976.7	1974.2
45°	2144.0	1989.4	1905.7	1875.3	1867.7	1857.6	1867.7	1885.5	1888.0	1882.9	1882.9
47.5°	1834.8	1761.3	1725.8	1730.9	1743.6	1751.2	1768.9	1791.7	1796.8	1784.1	1789.2
50°	1632.0	1589.0	1581.4	1601.6	1629.5	1639.7	1659.9	1677.7	1675.1	1670.1	1665.0
52.5°	1442.0	1429.3	1449.6	1469.9	1500.3	1505.3	1512.9	1520.5	1518.0	1507.9	1502.8
55°	1282.3	1292.5	1310.2	1317.8	1340.6	1338.1	1340.6	1340.6	1330.5	1325.4	1317.8
57.5°	1137.9	1140.4	1150.5	1153.1	1165.7	1160.7	1158.1	1153.1	1137.9	1135.3	1127.7
60°	990.9	985.8	1008.6	990.9	1001.0	990.9	988.4	975.7	960.5	957.9	952.9
62.5°	851.5	841.4	856.6	849.0	854.0	843.9	838.8	823.6	811.0	808.4	805.9
65°	727.3	722.3	737.5	734.9	740.0	727.3	722.3	712.1	702.0	699.4	696.9
67.5°	623.4	636.1	643.7	643.7	648.8	646.2	633.6	631.0	628.5	618.4	618.4
70°	547.4	555.0	570.2	572.7	570.2	575.3	565.1	562.6	560.1	555.0	552.5
72.5°	486.6	496.7	511.9	514.4	511.9	511.9	506.8	504.3	504.3	496.7	496.7
75°	438.4	451.1	463.8	463.8	463.8	458.7	453.6	453.6	448.6	446.0	441.0
77.5°	397.9	413.1	423.2	420.7	418.1	413.1	413.1	405.5	397.9	397.9	392.8
80°	367.5	377.6	385.2	382.7	380.1	372.5	370.0	362.4	357.3	349.7	349.7
82.5°	334.5	347.2	352.3	349.7	344.7	337.1	334.5	329.5	324.4	321.8	316.8
85°	306.6	319.3	321.8	316.8	311.7	306.6	304.1	301.6	299.0	294.0	294.0
87.5°	278.8	291.4	291.4	288.9	283.8	281.3	278.8	276.2	273.7	271.2	268.6
90°	256.0	266.1	266.1	263.6	261.0	258.5	256.0	253.4	250.9	248.4	248.4
92.5°	233.1	243.3	243.3	240.8	238.2	235.7	235.7	233.1	230.6	228.1	225.5
95°	212.9	223.0	223.0	223.0	220.5	217.9	217.9	215.4	212.9	212.9	210.3
97.5°	192.6	202.7	202.7	202.7	200.2	197.7	197.7	195.1	195.1	195.1	192.6
100°	174.9	182.5	185.0	185.0	182.5	182.5	182.5	179.9	179.9	179.9	177.4
102.5°	157.1	164.7	169.8	169.8	169.8	167.3	167.3	167.3	167.3	167.3	164.7
105°	141.9	149.5	154.6	157.1	157.1	157.1	157.1	157.1	157.1	157.1	157.1
107.5°	129.2	136.8	141.9	144.5	147.0	147.0	149.5	149.5	149.5	149.5	149.5
110°	116.6	124.2	131.8	134.3	136.8	139.4	139.4	141.9	139.4	139.4	139.4



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	103.9	114.0	119.1	124.2	126.7	129.2	131.8	131.8	131.8	131.8	131.8
115°	93.8	103.9	109.0	114.0	119.1	121.6	121.6	124.2	124.2	124.2	121.6
117.5°	83.6	93.8	98.8	103.9	106.4	111.5	114.0	114.0	114.0	114.0	111.5
120°	76.0	83.6	88.7	93.8	98.8	101.4	103.9	103.9	103.9	103.9	103.9
122.5°	65.9	73.5	81.1	86.2	88.7	91.2	93.8	93.8	93.8	93.8	93.8
125°	58.3	65.9	71.0	76.0	78.6	83.6	83.6	83.6	83.6	83.6	83.6
127.5°	50.7	58.3	63.4	68.4	71.0	73.5	76.0	76.0	76.0	76.0	76.0
130°	43.1	50.7	55.8	60.8	63.4	65.9	65.9	68.4	68.4	68.4	68.4
132.5°	38.0	43.1	48.2	53.2	55.8	58.3	58.3	60.8	60.8	60.8	60.8
135°	30.4	38.0	40.5	45.6	48.2	50.7	50.7	53.2	53.2	53.2	53.2
137.5°	25.3	30.4	35.5	40.5	43.1	43.1	45.6	45.6	48.2	48.2	48.2
140°	20.3	22.8	30.4	32.9	35.5	38.0	40.5	40.5	40.5	40.5	40.5
142.5°	15.2	20.3	22.8	27.9	30.4	32.9	35.5	35.5	35.5	35.5	35.5
145°	12.7	15.2	17.7	22.8	25.3	27.9	30.4	30.4	30.4	30.4	30.4
147.5°	10.1	12.7	15.2	17.7	20.3	22.8	25.3	25.3	25.3	25.3	25.3
150°	7.6	10.1	12.7	12.7	15.2	17.7	20.3	22.8	22.8	22.8	22.8
152.5°	7.6	7.6	10.1	10.1	12.7	15.2	17.7	17.7	17.7	17.7	17.7
155°	5.1	7.6	7.6	7.6	10.1	10.1	12.7	15.2	15.2	15.2	15.2
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: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4906.3	4916.4	4911.3	4903.7	4901.2	4913.9	4901.2	4842.9	4865.7	4868.3	4886.0
5°	4898.7	4906.3	4901.2	4896.1	4888.5	4903.7	4888.5	4827.7	4850.5	4853.1	4870.8
7.5°	4949.4	4951.9	4951.9	4939.2	4919.0	4926.6	4906.3	4837.9	4850.5	4850.5	4863.2
10°	5076.1	5081.1	5088.7	5055.8	5030.5	5010.2	4982.3	4898.7	4896.1	4875.9	4875.9
12.5°	5240.8	5228.1	5215.5	5200.3	5180.0	5154.6	5114.1	5015.3	4982.3	4949.4	4916.4
15°	5289.0	5283.9	5281.3	5273.7	5261.1	5253.5	5223.1	5124.2	5076.1	5035.5	4977.2
17.5°	5162.2	5172.4	5205.3	5207.9	5223.1	5253.5	5248.4	5180.0	5136.9	5119.2	5048.2
20°	4934.2	4936.7	4977.2	4995.0	5060.9	5111.6	5149.6	5142.0	5131.8	5152.1	5098.9
22.5°	4660.5	4678.2	4721.3	4749.2	4812.5	4870.8	4931.6	4964.6	5017.8	5101.4	5091.3
25°	4287.9	4310.7	4371.6	4417.2	4505.9	4594.6	4675.7	4734.0	4797.3	4957.0	5010.2
27.5°	3841.9	3877.4	3955.9	4001.6	4125.7	4217.0	4333.5	4447.6	4536.3	4718.7	4827.7
30°	3373.1	3403.5	3487.1	3550.5	3656.9	3781.1	3928.1	4090.3	4237.2	4422.2	4559.1
32.5°	2934.6	2967.6	3036.0	3091.8	3210.9	3314.8	3477.0	3677.2	3814.0	4070.0	4252.4
35°	2552.0	2582.4	2630.5	2678.7	2777.5	2884.0	3023.3	3218.5	3393.3	3659.4	3890.1
37.5°	2283.3	2288.4	2316.3	2344.2	2417.7	2498.8	2607.7	2780.1	2942.2	3228.6	3482.0
40°	2090.7	2090.7	2106.0	2113.6	2146.5	2194.6	2263.1	2397.4	2531.7	2749.6	3058.8
42.5°	1971.6	1966.6	1966.6	1969.1	1966.6	1989.4	2029.9	2093.3	2212.4	2392.3	2633.1
45°	1882.9	1872.8	1865.2	1847.5	1837.3	1837.3	1839.9	1862.7	1931.1	2047.7	2242.8
47.5°	1784.1	1781.6	1768.9	1748.6	1730.9	1718.2	1697.9	1690.3	1710.6	1776.5	1908.3
50°	1670.1	1657.4	1644.7	1629.5	1609.2	1596.6	1558.6	1561.1	1543.3	1573.8	1642.2
52.5°	1502.8	1492.7	1487.6	1474.9	1467.3	1462.3	1431.8	1401.4	1393.8	1398.9	1424.2
55°	1317.8	1322.9	1302.6	1312.7	1310.2	1287.4	1274.7	1251.9	1244.3	1241.8	1254.4
57.5°	1125.2	1130.3	1117.6	1127.7	1127.7	1115.1	1107.5	1107.5	1089.7	1074.5	1092.3
60°	950.3	940.2	947.8	960.5	960.5	952.9	947.8	947.8	935.1	930.1	942.7
62.5°	808.4	798.3	805.9	818.6	821.1	816.0	811.0	811.0	795.8	795.8	805.9
65°	699.4	702.0	699.4	709.6	709.6	712.1	707.1	702.0	684.2	691.8	689.3
67.5°	620.9	618.4	618.4	628.5	626.0	631.0	626.0	618.4	605.7	595.5	593.0
70°	555.0	552.5	552.5	557.5	560.1	560.1	557.5	552.5	534.7	524.6	517.0
72.5°	496.7	494.2	496.7	499.2	501.8	504.3	501.8	496.7	481.5	468.8	456.2
75°	443.5	441.0	448.6	448.6	451.1	451.1	453.6	451.1	438.4	423.2	408.0
77.5°	390.3	392.8	400.4	402.9	408.0	410.5	413.1	413.1	400.4	387.7	367.5
80°	347.2	352.3	357.3	359.9	364.9	372.5	375.1	377.6	367.5	354.8	332.0
82.5°	316.8	319.3	324.4	326.9	334.5	337.1	339.6	344.7	339.6	326.9	301.6
85°	291.4	294.0	299.0	299.0	304.1	309.2	311.7	314.2	311.7	299.0	273.7
87.5°	268.6	271.2	273.7	276.2	278.8	281.3	283.8	286.4	283.8	271.2	248.4
90°	248.4	248.4	250.9	250.9	253.4	256.0	261.0	261.0	258.5	248.4	225.5
92.5°	225.5	228.1	228.1	230.6	233.1	235.7	238.2	238.2	235.7	225.5	205.3
95°	210.3	210.3	212.9	212.9	215.4	215.4	217.9	217.9	215.4	205.3	185.0
97.5°	192.6	192.6	192.6	192.6	195.1	195.1	197.7	197.7	195.1	185.0	167.3
100°	177.4	177.4	177.4	177.4	177.4	179.9	179.9	179.9	177.4	167.3	149.5
102.5°	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7	159.7	152.1	134.3
105°	157.1	157.1	157.1	154.6	154.6	154.6	152.1	152.1	144.5	136.8	121.6
107.5°	147.0	147.0	147.0	144.5	144.5	141.9	139.4	139.4	131.8	124.2	109.0
110°	139.4	139.4	139.4	136.8	134.3	131.8	129.2	126.7	119.1	109.0	96.3





TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	131.8	131.8	129.2	129.2	126.7	124.2	119.1	116.6	109.0	98.8	86.2
115°	121.6	121.6	121.6	119.1	116.6	114.0	111.5	106.4	98.8	88.7	76.0
117.5°	111.5	111.5	111.5	109.0	106.4	103.9	101.4	96.3	88.7	78.6	68.4
120°	101.4	101.4	101.4	98.8	96.3	93.8	91.2	86.2	78.6	71.0	58.3
122.5°	93.8	93.8	91.2	88.7	86.2	83.6	81.1	76.0	71.0	60.8	50.7
125°	83.6	83.6	81.1	81.1	78.6	76.0	73.5	68.4	60.8	53.2	45.6
127.5°	76.0	73.5	73.5	73.5	71.0	68.4	63.4	60.8	53.2	45.6	38.0
130°	65.9	65.9	65.9	63.4	63.4	60.8	55.8	50.7	45.6	40.5	32.9
132.5°	58.3	58.3	58.3	58.3	55.8	53.2	48.2	45.6	40.5	32.9	27.9
135°	53.2	53.2	50.7	50.7	48.2	45.6	43.1	38.0	32.9	27.9	22.8
137.5°	45.6	45.6	45.6	43.1	43.1	40.5	35.5	32.9	30.4	25.3	20.3
140°	40.5	40.5	38.0	38.0	35.5	35.5	32.9	27.9	25.3	20.3	17.7
142.5°	35.5	35.5	32.9	32.9	30.4	30.4	27.9	25.3	20.3	17.7	12.7
145°	30.4	30.4	27.9	27.9	27.9	25.3	22.8	20.3	17.7	15.2	12.7
147.5°	25.3	25.3	25.3	22.8	22.8	20.3	20.3	17.7	15.2	12.7	10.1
150°	22.8	22.8	20.3	20.3	20.3	17.7	15.2	15.2	12.7	10.1	7.6
152.5°	17.7	17.7	17.7	17.7	15.2	15.2	12.7	12.7	10.1	7.6	7.6
155°	15.2	15.2	15.2	12.7	12.7	12.7	10.1	10.1	7.6	7.6	5.1
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3	4906.3
2.5°	4878.4	4875.9	4898.7	4896.1	4865.7	4911.3	4941.8
5°	4865.7	4863.2	4883.5	4888.5	4855.6	4903.7	4936.7
7.5°	4855.6	4853.1	4875.9	4883.5	4850.5	4893.6	4929.1
10°	4858.1	4845.5	4865.7	4870.8	4840.4	4886.0	4916.4
12.5°	4875.9	4845.5	4853.1	4853.1	4825.2	4865.7	4898.7
15°	4919.0	4855.6	4845.5	4837.9	4802.4	4840.4	4873.3
17.5°	4967.1	4880.9	4845.5	4820.1	4777.0	4810.0	4845.5
20°	5015.3	4908.8	4850.5	4810.0	4751.7	4782.1	4807.4
22.5°	5038.1	4934.2	4855.6	4794.8	4721.3	4736.5	4764.4
25°	5007.7	4924.0	4845.5	4772.0	4683.3	4685.8	4708.6
27.5°	4896.1	4873.3	4822.7	4749.2	4652.9	4640.2	4657.9
30°	4706.1	4769.4	4772.0	4718.7	4617.4	4592.0	4599.6
32.5°	4440.0	4581.9	4665.5	4655.4	4566.7	4531.2	4536.3
35°	4133.3	4310.7	4493.2	4554.0	4490.7	4462.8	4452.7
37.5°	3765.9	4004.1	4247.4	4396.9	4386.8	4369.0	4358.9
40°	3360.4	3646.8	3935.7	4173.9	4247.4	4247.4	4252.4
42.5°	2927.0	3261.6	3578.3	3879.9	4052.2	4090.3	4105.5
45°	2508.9	2845.9	3190.6	3537.8	3768.4	3887.5	3930.6
47.5°	2128.8	2468.3	2795.3	3175.4	3482.0	3636.6	3705.1
50°	1804.4	2057.8	2402.5	2780.1	3114.6	3304.6	3439.0
52.5°	1535.7	1733.4	2035.0	2387.3	2724.3	2985.3	3109.5
55°	1310.2	1444.5	1700.5	2004.6	2326.4	2597.6	2742.0
57.5°	1120.1	1226.6	1401.4	1654.9	1926.0	2194.6	2349.2
60°	952.9	1026.4	1145.5	1345.7	1576.3	1806.9	1956.4
62.5°	808.4	856.6	935.1	1082.1	1262.0	1442.0	1581.4
65°	696.9	717.2	760.3	851.5	988.4	1125.2	1244.3
67.5°	587.9	600.6	633.6	689.3	757.7	856.6	935.1
70°	506.8	506.8	509.4	542.3	577.8	641.2	696.9
72.5°	441.0	433.4	418.1	425.8	433.4	468.8	504.3
75°	387.7	370.0	344.7	334.5	329.5	334.5	354.8
77.5°	342.1	316.8	286.4	261.0	240.8	233.1	250.9
80°	304.1	273.7	238.2	205.3	172.3	154.6	162.2
82.5°	273.7	235.7	197.7	159.7	121.6	96.3	96.3
85°	240.8	205.3	164.7	124.2	86.2	53.2	48.2
87.5°	217.9	179.9	136.8	98.8	60.8	27.9	15.2
90°	195.1	157.1	116.6	78.6	43.1	12.7	0.0
92.5°	174.9	139.4	101.4	63.4	30.4	7.6	0.0
95°	157.1	124.2	86.2	53.2	25.3	5.1	2.5
97.5°	139.4	109.0	76.0	43.1	17.7	5.1	2.5
100°	126.7	96.3	65.9	35.5	15.2	2.5	2.5
102.5°	111.5	86.2	55.8	30.4	12.7	2.5	2.5
105°	98.8	76.0	48.2	25.3	10.1	2.5	2.5
107.5°	88.7	65.9	43.1	22.8	10.1	2.5	2.5
110°	78.6	58.3	38.0	20.3	7.6	2.5	2.5



TEST NUMBER: P290256

CATALOG NUMBER: 8SSRK-LC-12-L830-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	71.0	50.7	32.9	17.7	5.1	2.5	2.5
115°	60.8	45.6	27.9	15.2	5.1	2.5	2.5
117.5°	53.2	38.0	25.3	12.7	5.1	2.5	2.5
120°	45.6	32.9	20.3	10.1	2.5	2.5	2.5
122.5°	40.5	27.9	17.7	10.1	2.5	2.5	2.5
125°	35.5	25.3	15.2	7.6	2.5	2.5	2.5
127.5°	30.4	20.3	12.7	5.1	2.5	2.5	2.5
130°	25.3	17.7	10.1	5.1	2.5	2.5	2.5
132.5°	20.3	15.2	10.1	5.1	2.5	2.5	2.5
135°	17.7	12.7	7.6	5.1	2.5	2.5	2.5
137.5°	15.2	10.1	5.1	5.1	5.1	2.5	2.5
140°	12.7	7.6	5.1	5.1	5.1	5.1	2.5
142.5°	10.1	7.6	5.1	5.1	5.1	5.1	2.5
145°	7.6	5.1	5.1	5.1	5.1	5.1	2.5
147.5°	7.6	5.1	5.1	5.1	5.1	5.1	2.5
150°	5.1	5.1	5.1	5.1	5.1	5.1	5.1
152.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1
155°	5.1	5.1	5.1	5.1	5.1	5.1	5.1
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)