

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: P290173

Luminaire Tested: **4SSRK-LC-20-L935-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: P290173  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SSRK-LC-20-L935-CD1-U  
Description: 2000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 3500K CCT LEDS  
Light Source: -  
Ballast/Driver: -

Luminaire Equipment: Sample No.    Condition    Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1774.7 lumens  
Efficiency: N/A  
Efficacy: 129.5 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19  
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')  
CIE Type: Direct

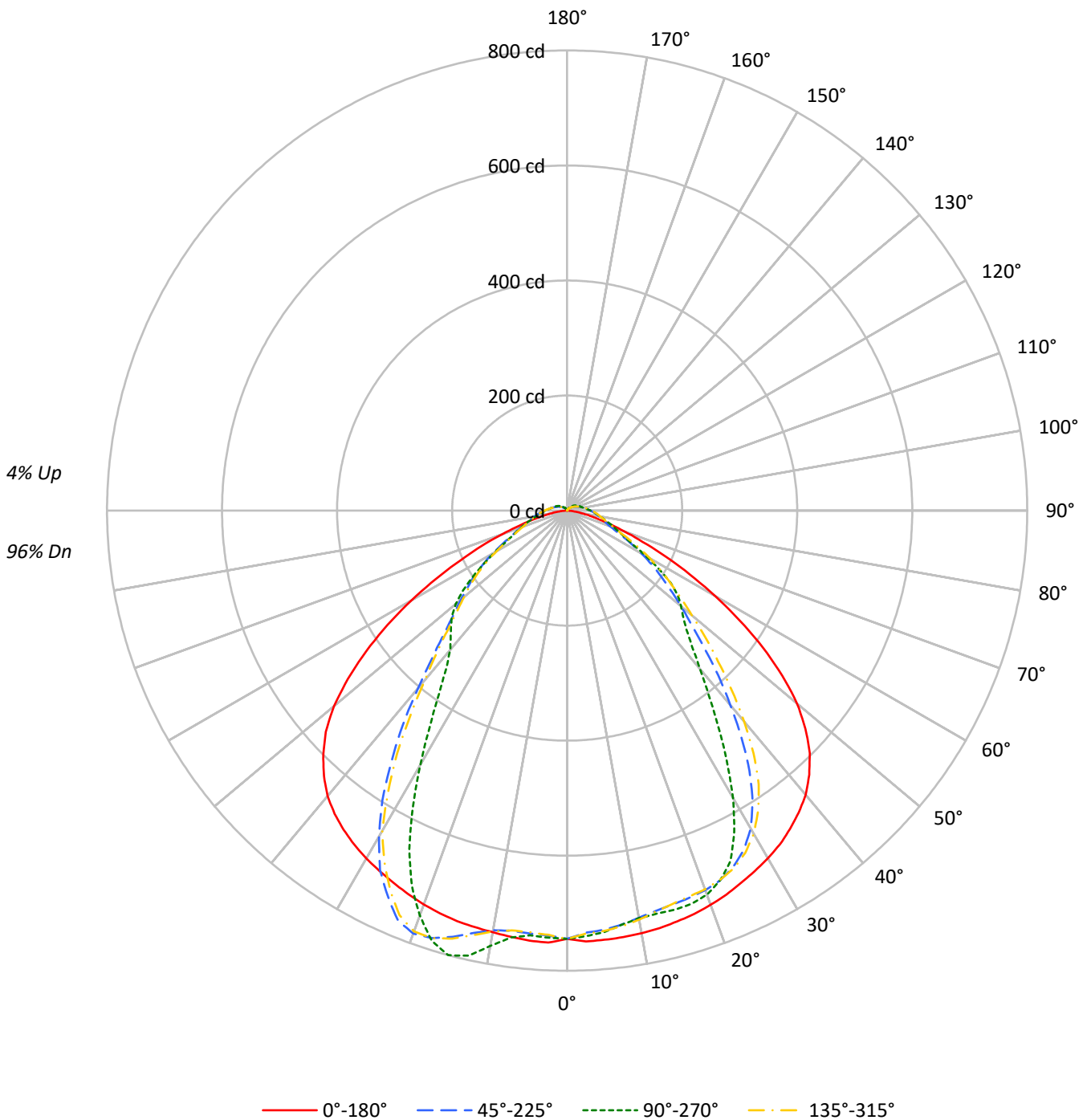
Input Watts (W): 13.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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°	48076	48076	48076	48076
5°	48381	35326	48484	35600
10°	48565	27665	48461	29546
15°	48891	23194	48865	25824
20°	49381	19886	49334	20961
25°	49937	16715	49910	16151
30°	50823	12989	50852	11506
35°	51755	9492	51901	8032
40°	52557	6944	52777	6117
45°	52293	5360	52565	5219
50°	49947	4502	50646	4401
55°	44210	3689	45315	3353
60°	35756	2569	37659	2356
65°	26485	1779	28533	1686
70°	17909	1381	20196	1320
75°	11618	1109	13540	1048
80°	7400	906	8664	834
85°	3664	774	4819	707



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.7	4.0
10°-20°	210.4	11.9
20°-30°	319.9	18.0
30°-40°	343.1	19.3
40°-50°	297.8	16.8
50°-60°	220.7	12.4
60°-70°	126.5	7.1
70°-80°	70.0	3.9
80°-90°	42.6	2.4
90°-100°	27.7	1.6
100°-110°	18.6	1.0
110°-120°	12.5	0.7
120°-130°	7.7	0.4
130°-140°	4.1	0.2
140°-150°	1.8	0.1
150°-160°	0.5	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	601.0	33.9
0°-40°	944.1	53.2
0°-60°	1462.6	82.4
0°-90°	1701.7	95.9
90°-120°	58.8	3.3
90°-150°	72.4	4.1
90°-180°	73.0	4.1
0°-180°	1774.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	744	744	744	744	744	
5°	749	736	751	741	749	71
15°	739	719	739	800	739	209
25°	714	672	714	649	714	330
35°	676	458	678	387	676	423
45°	596	293	600	286	596	457
55°	416	220	426	200	416	369
65°	189	112	203	106	189	190
75°	54	71	63	67	54	61
85°	7	49	10	45	7	10
90°	0	41	1	38	0	0
95°	0	34	0	32	0	0
105°	0	25	0	24	0	0
115°	0	20	0	18	0	0
125°	0	15	0	13	0	0
135°	0	10	0	8	0	0
145°	0	6	1	5	0	0
155°	1	3	1	2	1	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	749.8	747.9	747.1	745.6	746.7	751.3	748.3	743.3	743.6	734.8	739.4
5°	749.0	746.7	745.6	744.0	744.8	749.0	746.0	741.0	740.6	731.7	736.0
7.5°	747.9	745.6	743.6	742.5	742.9	746.3	742.5	736.7	735.6	726.0	729.8
10°	746.0	744.4	741.7	739.8	739.4	743.3	737.1	731.3	728.7	718.7	722.5
12.5°	743.3	741.0	738.3	734.8	734.4	736.7	731.7	723.7	721.0	712.9	717.1
15°	739.4	736.7	733.7	729.8	727.9	729.4	723.3	716.0	715.6	708.7	714.4
17.5°	735.2	731.3	727.9	722.5	719.8	721.0	716.0	709.4	710.2	706.0	712.5
20°	729.4	725.2	719.8	714.4	710.6	712.5	709.0	704.0	705.2	702.1	707.9
22.5°	722.9	717.1	710.6	704.4	701.4	704.0	701.4	697.1	697.5	695.6	699.0
25°	714.4	707.9	700.2	692.5	691.0	692.9	691.4	687.9	686.4	683.3	684.8
27.5°	706.7	699.4	689.8	681.7	679.1	682.9	679.4	673.7	669.4	665.2	662.1
30°	697.9	689.0	678.3	669.1	666.7	668.3	663.3	654.4	643.3	637.9	629.4
32.5°	688.3	676.7	663.3	652.9	651.4	650.2	641.0	628.3	611.0	600.2	587.2
35°	675.6	662.9	646.8	634.1	631.8	625.2	610.2	593.3	571.0	552.5	530.2
37.5°	661.4	646.4	629.4	612.5	606.0	592.9	571.8	554.1	520.2	497.9	471.0
40°	645.2	627.1	606.4	586.0	575.2	554.1	529.9	503.7	471.0	441.0	418.4
42.5°	622.9	603.7	579.1	556.4	537.9	509.9	481.4	444.5	414.5	389.1	366.1
45°	596.4	573.3	544.9	517.6	494.1	460.6	427.2	390.3	365.3	335.7	319.9
47.5°	562.2	537.2	506.8	476.4	445.7	408.7	373.7	338.4	313.4	292.2	280.7
50°	521.8	498.7	465.3	429.1	395.3	356.8	321.8	295.3	271.1	258.0	249.2
52.5°	471.8	450.3	416.0	376.8	344.1	306.5	274.5	253.0	235.7	226.1	223.0
55°	416.0	397.2	363.4	326.8	293.4	258.8	234.6	215.7	204.6	198.8	199.2
57.5°	356.4	341.8	309.9	277.2	245.7	219.6	197.6	182.6	174.2	173.8	175.0
60°	296.8	286.1	258.4	230.3	202.6	181.5	165.3	155.0	149.6	150.0	149.6
62.5°	239.9	229.9	209.9	186.9	165.0	150.7	136.1	131.9	127.3	126.9	126.9
65°	188.8	181.1	165.0	148.4	131.9	122.7	115.4	110.4	106.9	106.1	106.5
67.5°	141.9	138.8	127.7	116.5	106.1	100.4	94.2	93.1	90.4	90.4	91.1
70°	105.7	103.4	97.3	90.7	86.5	82.7	79.6	79.6	79.2	78.8	80.7
72.5°	76.5	76.9	75.0	70.0	69.6	68.8	68.1	69.2	69.6	70.8	73.1
75°	53.8	55.0	55.0	54.2	55.8	57.7	58.8	60.8	63.1	64.6	67.3
77.5°	38.1	38.1	40.0	42.3	45.4	48.8	51.9	54.6	57.7	59.6	61.9
80°	24.6	25.8	28.8	33.1	37.3	41.9	46.1	49.6	52.7	55.8	57.3
82.5°	14.6	16.5	20.4	25.8	31.1	36.9	41.1	45.4	48.8	51.9	53.1
85°	7.3	10.0	14.6	20.4	26.1	32.3	37.7	41.5	45.4	48.1	49.6
87.5°	2.3	5.4	10.4	15.8	21.9	28.1	33.8	38.1	41.5	43.8	45.4
90°	0.0	2.7	7.3	13.1	18.8	25.0	30.4	35.0	38.5	40.4	41.5
92.5°	0.0	1.5	5.8	10.8	16.1	22.3	27.7	31.9	35.0	36.9	37.7
95°	0.4	1.2	4.2	8.8	14.2	20.0	25.0	28.8	31.9	33.8	34.2
97.5°	0.4	0.8	3.5	7.3	12.3	17.7	22.7	26.5	28.8	30.8	31.1
100°	0.4	0.8	2.7	6.5	10.8	15.8	20.4	23.8	26.5	28.1	28.5
102.5°	0.4	0.4	2.3	5.4	9.6	13.8	18.1	21.5	23.8	25.4	26.1
105°	0.4	0.4	1.9	4.6	8.5	12.3	16.1	19.6	21.5	23.1	23.8
107.5°	0.4	0.4	1.5	3.8	7.3	10.8	14.6	17.3	19.6	21.1	21.9
110°	0.4	0.4	1.2	3.5	6.2	9.6	12.7	15.4	17.7	19.2	20.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.4	0.4	1.2	3.1	5.4	8.5	11.2	13.8	15.8	17.3	18.5
115°	0.4	0.4	1.2	2.7	5.0	7.3	10.0	12.3	14.2	15.8	16.9
117.5°	0.4	0.4	1.2	2.3	4.2	6.5	8.8	11.2	12.7	14.2	15.4
120°	0.4	0.4	0.8	1.9	3.8	5.8	7.7	9.6	11.5	13.1	14.2
122.5°	0.4	0.4	0.8	1.9	3.1	5.0	6.9	8.5	10.4	11.5	12.7
125°	0.4	0.4	0.8	1.5	2.7	4.6	6.2	7.7	8.8	10.4	11.5
127.5°	0.4	0.4	0.8	1.5	2.3	3.8	5.4	6.9	8.1	9.2	10.0
130°	0.4	0.4	0.8	1.2	1.9	3.1	4.6	5.8	7.3	8.1	8.8
132.5°	0.4	0.4	0.4	1.2	1.5	2.3	3.5	5.0	6.2	7.3	7.7
135°	0.4	0.4	0.4	0.8	1.5	1.9	2.7	3.8	5.0	6.2	6.9
137.5°	0.4	0.4	0.4	0.8	1.2	1.9	2.3	3.1	4.2	5.0	6.2
140°	0.4	0.4	0.4	0.8	1.2	1.5	1.9	2.7	3.5	4.2	5.0
142.5°	0.4	0.4	0.4	0.8	0.8	1.2	1.5	2.3	2.7	3.5	4.2
145°	0.4	0.4	0.4	0.8	0.8	1.2	1.5	1.9	2.3	2.7	3.5
147.5°	0.4	0.4	0.4	0.8	0.8	0.8	1.2	1.5	1.9	2.3	2.7
150°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.5	1.9	2.3
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.5	1.9
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.5	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	737.9	738.7	743.3	742.9	742.1	741.3	741.3	740.6	741.3	743.3	742.5
5°	734.0	735.2	738.7	738.3	737.5	737.1	736.7	735.6	736.3	739.0	738.3
7.5°	727.1	728.3	731.3	729.8	728.7	729.4	727.5	726.3	727.9	730.6	730.2
10°	719.8	720.6	724.4	723.7	721.7	722.1	720.2	719.4	721.3	722.9	723.3
12.5°	714.8	717.5	721.0	720.6	720.2	720.6	718.7	717.9	719.0	720.6	720.2
15°	713.7	717.1	721.0	721.0	721.3	721.7	719.8	718.7	719.8	721.0	720.6
17.5°	712.5	716.7	720.2	719.8	720.2	721.0	717.9	717.1	718.7	720.2	719.4
20°	708.7	712.5	714.8	714.0	714.0	714.4	710.6	710.6	712.9	714.0	714.4
22.5°	697.9	702.5	702.5	700.6	700.6	699.0	697.9	695.6	698.3	700.2	701.7
25°	681.7	683.7	681.4	677.1	674.8	672.9	667.5	672.1	672.1	677.9	679.8
27.5°	659.1	654.8	648.3	639.4	637.5	631.4	627.9	629.1	631.0	639.1	645.2
30°	621.8	609.1	597.9	594.1	585.6	579.5	573.3	576.4	579.8	584.5	597.1
32.5°	572.5	560.2	542.2	535.6	526.8	519.1	511.8	516.4	522.6	525.6	539.5
35°	516.0	501.4	484.9	473.7	464.5	460.3	451.0	457.6	464.1	466.4	478.3
37.5°	456.0	441.0	426.4	416.8	408.0	405.3	399.1	403.7	408.7	412.2	422.2
40°	399.1	385.3	374.1	367.6	361.4	359.1	356.8	358.8	362.6	365.3	373.0
42.5°	350.3	339.1	331.5	327.6	323.4	320.3	320.7	321.5	323.4	329.1	332.6
45°	307.6	301.1	296.1	295.3	292.6	292.2	291.8	293.4	294.5	298.0	300.7
47.5°	273.4	270.7	269.5	271.1	272.2	270.7	271.5	273.4	275.7	275.7	275.3
50°	246.5	247.2	248.8	252.2	254.5	255.3	256.1	258.4	258.8	259.5	258.4
52.5°	224.6	225.3	229.6	234.9	237.6	238.8	240.3	242.6	242.6	243.4	241.9
55°	202.3	203.4	207.6	213.0	215.3	216.9	218.4	219.9	221.1	222.6	221.5
57.5°	177.6	181.1	183.8	185.3	186.9	188.0	189.2	189.6	191.9	192.3	194.2
60°	151.5	152.3	155.0	154.6	153.4	156.5	155.0	157.7	160.3	163.8	164.2
62.5°	126.5	126.9	128.8	128.0	129.6	129.2	130.4	130.4	132.3	133.8	135.7
65°	106.9	107.3	108.8	108.8	108.4	109.6	110.7	111.5	111.5	112.7	114.2
67.5°	92.3	93.4	95.0	95.7	96.5	96.5	97.7	98.1	98.8	99.2	100.0
70°	82.3	83.8	85.4	86.1	86.5	87.3	87.7	87.7	88.4	88.8	89.6
72.5°	75.0	76.5	77.7	77.7	78.4	78.8	78.8	79.2	79.6	80.4	81.1
75°	68.8	70.0	70.8	70.4	70.4	70.4	70.8	70.8	71.5	72.3	73.1
77.5°	63.1	64.2	64.2	63.4	63.4	63.4	63.4	63.8	64.2	65.0	65.8
80°	58.8	58.8	58.4	58.4	57.7	57.3	57.3	57.7	57.7	58.4	59.6
82.5°	54.2	54.2	53.8	53.4	53.1	52.7	52.7	53.1	53.4	53.8	54.6
85°	50.0	50.0	49.2	49.2	48.8	48.8	48.8	48.8	49.2	49.6	50.4
87.5°	45.8	45.4	45.0	44.6	44.6	44.6	44.6	44.6	45.0	45.8	46.1
90°	41.5	41.1	40.8	40.8	40.4	40.4	40.8	40.8	41.1	41.5	41.9
92.5°	37.7	37.3	36.9	36.9	36.5	36.5	36.9	36.5	37.3	37.3	37.7
95°	34.2	33.8	33.5	33.5	33.5	33.5	33.5	33.5	33.8	33.8	34.2
97.5°	31.1	30.8	30.4	30.4	30.8	30.4	30.8	30.8	30.8	31.1	31.5
100°	28.5	28.1	28.1	28.5	28.1	28.1	28.5	28.5	28.5	28.5	28.8
102.5°	26.1	26.1	26.1	26.1	26.1	26.1	26.5	26.5	26.5	26.5	26.9
105°	23.8	24.2	24.2	24.2	24.6	24.6	24.6	25.0	25.0	25.0	25.0
107.5°	22.3	22.7	22.7	23.1	23.1	23.5	23.5	23.5	23.5	23.8	23.8
110°	20.8	21.1	21.5	21.9	21.9	22.3	22.3	22.3	22.3	22.3	22.3





TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	19.2	19.6	20.0	20.8	21.1	21.1	21.1	21.1	21.5	21.5	21.1
115°	17.7	18.5	18.8	19.6	20.0	20.0	20.4	20.4	20.4	20.4	20.0
117.5°	16.1	17.3	17.7	18.5	18.8	18.8	19.2	19.2	19.2	19.2	18.8
120°	15.0	15.8	16.5	16.9	17.3	17.7	17.7	18.1	18.1	18.1	17.7
122.5°	13.8	14.6	15.4	15.8	16.1	16.5	16.5	16.5	16.5	16.5	16.5
125°	12.3	13.1	13.8	14.2	14.6	15.0	15.0	15.4	15.4	15.4	15.0
127.5°	11.2	11.9	12.3	13.1	13.5	13.5	13.8	13.8	13.8	13.8	13.5
130°	9.6	10.4	11.2	11.5	11.9	11.9	12.3	12.3	12.3	12.3	12.3
132.5°	8.5	9.2	9.6	10.4	10.4	10.8	10.8	11.2	11.2	11.2	10.8
135°	7.7	8.1	8.5	9.2	9.2	9.6	9.6	9.6	9.6	9.6	9.6
137.5°	6.9	7.3	7.7	8.1	8.1	8.5	8.5	8.5	8.5	8.8	8.5
140°	5.8	6.5	6.9	6.9	7.3	7.3	7.3	7.7	7.7	7.7	7.3
142.5°	5.0	5.4	5.8	6.2	6.5	6.5	6.5	6.5	6.9	6.5	6.5
145°	3.8	4.6	5.0	5.4	5.8	5.8	5.8	5.8	5.8	5.8	5.8
147.5°	3.1	3.5	4.2	4.6	4.6	5.0	5.0	5.0	5.0	5.0	5.0
150°	2.7	2.7	3.5	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
152.5°	1.9	2.3	2.7	3.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5
155°	1.9	1.9	2.3	2.3	2.7	2.7	2.7	2.7	3.1	2.7	2.7
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: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	741.3	741.0	742.5	741.0	733.3	736.3	735.2	739.4	739.8	741.0	744.8
5°	737.5	737.5	739.4	737.9	730.6	733.7	733.3	737.5	738.3	739.0	743.3
7.5°	729.8	730.2	732.9	731.7	724.0	728.7	728.3	733.3	734.8	736.3	740.2
10°	722.5	722.1	725.2	724.0	716.7	722.1	721.7	726.7	729.0	731.7	736.3
12.5°	718.7	717.5	718.7	717.5	709.4	713.7	714.0	719.8	722.5	726.0	731.3
15°	718.7	716.7	716.7	714.4	705.2	707.9	708.3	712.1	715.6	719.0	725.6
17.5°	717.9	716.0	715.6	713.7	703.7	703.7	703.3	706.0	707.9	711.3	718.3
20°	713.7	712.9	712.5	711.3	702.1	700.6	699.8	699.8	701.0	702.1	709.0
22.5°	702.5	703.3	704.0	704.8	697.5	694.8	695.2	694.4	693.3	693.3	699.0
25°	681.7	685.6	688.7	692.1	687.9	686.0	688.3	687.1	685.2	683.7	688.7
27.5°	648.7	656.7	663.3	671.7	672.1	670.6	676.7	676.0	675.6	673.3	677.1
30°	602.9	615.6	624.4	636.8	647.1	648.7	659.1	660.6	662.1	661.0	664.8
32.5°	547.5	564.9	579.8	599.1	609.1	617.9	632.5	638.7	644.8	646.8	651.0
35°	487.2	506.8	524.5	545.6	561.4	580.6	598.3	607.5	621.4	626.8	632.9
37.5°	429.9	448.3	465.6	486.8	512.2	532.2	554.1	574.8	593.7	601.4	610.6
40°	379.1	394.1	410.7	429.1	452.2	478.3	502.2	531.0	553.3	568.7	582.2
42.5°	340.7	348.0	362.2	378.7	397.2	423.7	448.0	480.3	507.2	529.1	551.4
45°	306.5	309.9	320.3	329.1	348.0	371.4	397.2	428.7	456.8	484.9	511.8
47.5°	277.2	281.5	286.5	291.8	305.3	324.9	347.2	375.7	403.7	436.4	467.2
50°	257.6	258.8	259.5	261.9	269.9	283.4	301.5	325.7	352.6	387.6	420.3
52.5°	240.3	240.3	238.0	236.9	239.9	248.4	258.8	276.1	303.8	336.1	370.7
55°	221.9	218.4	217.6	213.8	214.6	218.4	223.4	236.9	259.5	287.2	320.7
57.5°	196.1	194.6	194.6	193.0	189.9	191.9	193.0	202.6	218.8	242.6	271.9
60°	166.5	165.7	167.6	168.0	165.3	166.5	166.1	171.9	183.4	202.6	226.9
62.5°	136.9	140.3	140.7	142.3	140.7	140.3	142.3	147.3	153.0	167.6	186.5
65°	115.0	116.9	117.3	119.2	118.4	118.4	120.0	123.8	127.3	137.3	151.9
67.5°	100.7	100.0	100.4	101.5	100.4	100.0	101.1	103.4	106.1	112.3	122.7
70°	89.6	88.8	88.8	88.8	87.3	86.1	86.5	87.3	88.4	91.9	98.4
72.5°	81.1	81.1	80.0	78.8	77.7	76.9	76.1	75.4	75.0	76.1	79.6
75°	73.4	73.8	73.4	72.3	70.8	69.2	67.7	66.1	64.2	63.4	63.8
77.5°	66.5	66.9	67.3	66.9	65.4	63.4	61.1	58.8	56.1	53.4	51.9
80°	60.4	61.1	61.5	61.1	60.0	58.4	55.8	53.1	49.2	45.8	41.9
82.5°	55.0	56.1	56.5	56.5	55.8	54.2	51.1	48.1	43.8	39.2	34.2
85°	50.8	51.5	52.3	52.3	51.9	50.4	47.3	43.8	39.6	34.2	28.8
87.5°	46.5	46.9	47.7	48.4	47.7	46.1	43.5	39.6	35.4	30.0	23.8
90°	42.3	42.7	43.5	44.2	43.8	42.3	40.0	36.5	31.9	26.1	20.0
92.5°	38.1	38.8	39.2	39.6	40.0	38.8	36.9	33.5	28.8	23.1	17.3
95°	35.0	35.0	35.8	36.1	36.5	35.4	33.8	30.4	26.1	20.8	15.0
97.5°	31.9	31.9	32.7	32.7	33.1	32.3	30.8	27.7	23.5	18.5	12.7
100°	28.8	29.2	29.6	30.0	30.0	29.6	28.1	25.0	21.1	16.5	11.2
102.5°	26.9	26.9	27.3	27.3	27.7	26.9	25.4	22.7	18.8	14.6	9.6
105°	25.0	25.0	25.4	25.4	25.0	24.2	22.7	20.4	16.9	12.7	8.5
107.5°	23.5	23.5	23.5	23.5	23.1	22.3	20.8	18.1	15.0	11.5	7.7
110°	22.3	21.9	21.9	21.5	21.1	20.0	18.5	16.1	13.5	10.0	6.5



TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	21.1	20.8	20.4	20.0	19.2	18.1	16.5	14.6	11.9	8.8	5.8
115°	20.0	19.6	19.2	18.5	17.7	16.5	15.0	13.1	10.4	7.7	5.0
117.5°	18.8	18.5	17.7	16.9	16.1	15.0	13.5	11.5	9.2	6.9	4.6
120°	17.3	16.9	16.5	15.8	15.0	13.5	11.9	10.4	8.1	6.2	3.8
122.5°	16.1	15.8	15.0	14.6	13.5	12.3	10.8	9.2	7.3	5.4	3.5
125°	14.6	14.2	13.8	13.1	12.3	10.8	9.6	8.1	6.5	4.6	2.7
127.5°	13.5	13.1	12.3	11.5	10.8	9.6	8.5	7.3	5.8	3.8	2.7
130°	11.9	11.5	11.2	10.4	9.6	8.5	7.7	6.2	5.0	3.5	2.3
132.5°	10.4	10.4	10.0	9.2	8.5	7.7	6.5	5.4	4.2	3.1	1.9
135°	9.6	9.2	8.8	8.1	7.7	6.5	5.8	4.6	3.5	2.7	1.5
137.5°	8.5	8.1	7.7	7.3	6.5	5.8	5.0	3.8	3.1	2.3	1.5
140°	7.3	6.9	6.9	6.2	5.8	5.0	4.2	3.5	2.7	1.9	1.2
142.5°	6.5	6.2	5.8	5.4	5.0	4.2	3.5	2.7	2.3	1.5	1.2
145°	5.8	5.4	5.0	4.6	4.2	3.5	3.1	2.3	1.9	1.5	1.2
147.5°	4.6	4.6	4.2	3.8	3.5	3.1	2.7	2.3	1.5	1.2	0.8
150°	3.8	3.8	3.5	3.1	3.1	2.7	2.3	1.9	1.5	1.2	0.8
152.5°	3.5	3.1	3.1	2.7	2.7	2.3	1.9	1.5	1.2	1.2	0.8
155°	2.7	2.7	2.7	2.3	2.3	1.9	1.5	1.5	1.2	0.8	0.8
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: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	745.6	741.0	744.8	751.7	751.0	750.2	749.4	751.0	756.0	753.3	749.0
5°	744.4	739.8	744.0	750.6	750.2	749.0	748.3	749.8	754.8	752.1	747.5
7.5°	742.1	737.9	741.0	747.5	747.5	746.7	746.0	747.5	752.1	749.8	745.2
10°	738.3	735.2	738.3	744.4	744.8	743.3	742.5	744.4	749.0	747.9	744.0
12.5°	735.2	732.1	735.6	741.7	742.1	740.6	739.4	741.7	747.9	748.6	747.5
15°	731.0	728.3	732.5	739.0	739.0	737.9	737.9	741.0	749.4	752.9	754.8
17.5°	724.8	722.9	727.9	734.4	734.8	734.0	734.4	740.6	751.7	760.2	765.6
20°	717.1	716.3	721.7	728.7	729.8	730.2	732.1	741.3	756.7	768.3	773.6
22.5°	707.9	708.3	714.4	721.7	723.3	724.4	728.3	741.3	760.6	772.9	775.2
25°	697.5	698.7	705.2	714.0	716.0	718.3	724.8	741.7	761.7	769.8	766.0
27.5°	686.4	688.7	697.1	706.4	708.7	712.5	721.0	739.4	756.3	756.7	742.5
30°	674.8	677.5	687.5	698.3	702.1	706.0	716.3	734.0	743.3	731.0	706.0
32.5°	661.7	665.6	675.6	688.7	693.3	698.3	708.7	723.7	720.2	693.7	657.9
35°	645.2	650.6	662.1	677.5	681.7	688.3	695.6	699.0	683.7	646.0	605.6
37.5°	624.8	632.9	646.4	664.1	668.7	672.9	674.8	665.2	634.4	593.7	551.8
40°	601.4	613.7	628.3	647.9	652.5	652.5	645.6	625.2	586.4	532.9	486.4
42.5°	572.9	587.9	606.4	626.0	630.6	625.2	608.7	572.9	528.7	469.1	419.9
45°	538.3	558.3	579.1	599.5	601.8	589.8	560.2	514.9	460.3	404.9	358.0
47.5°	497.2	523.3	546.0	569.1	566.0	546.0	506.4	454.9	397.2	344.9	307.2
50°	451.0	481.8	507.2	529.1	522.6	494.9	448.3	394.5	337.2	292.6	261.5
52.5°	401.8	437.2	462.6	480.3	471.4	438.3	387.2	335.7	288.8	248.0	227.2
55°	350.7	386.4	412.6	426.4	414.9	379.1	328.8	281.8	237.6	211.1	198.8
57.5°	301.1	334.5	359.1	370.3	355.7	319.9	273.4	233.8	201.9	179.6	173.4
60°	253.4	280.7	304.2	312.6	296.8	263.8	223.8	192.3	168.8	153.4	150.3
62.5°	209.2	231.5	249.9	256.5	241.1	215.3	180.7	157.3	140.7	133.0	129.2
65°	172.6	185.7	204.6	203.4	194.2	170.3	145.0	128.4	117.7	112.7	110.4
67.5°	135.7	147.7	159.6	161.1	149.6	133.0	116.5	104.6	98.8	96.1	95.0
70°	105.0	113.8	121.1	119.2	113.0	102.7	92.3	85.7	83.4	82.3	82.3
72.5°	81.5	86.1	89.6	87.3	83.4	78.1	73.1	70.4	70.8	71.5	72.3
75°	63.1	64.2	65.0	62.7	61.9	58.4	58.1	58.4	60.8	63.1	64.2
77.5°	48.4	46.9	45.8	43.5	43.8	43.5	45.4	48.4	51.9	55.4	58.4
80°	37.3	33.8	31.1	28.8	30.0	31.9	35.8	40.4	45.0	48.8	52.7
82.5°	28.8	23.8	20.0	17.7	20.0	23.1	28.1	33.8	39.2	43.5	47.7
85°	22.3	16.5	11.9	9.6	11.9	16.5	21.9	28.5	34.2	38.8	43.1
87.5°	17.3	11.9	6.5	3.8	6.5	11.5	17.7	23.8	29.6	35.0	39.2
90°	13.8	8.1	3.1	0.8	3.5	8.1	13.8	20.0	25.8	31.5	35.8
92.5°	11.2	5.8	1.5	0.0	1.9	6.2	11.5	17.3	23.1	28.5	32.7
95°	9.2	4.6	1.2	0.0	1.5	4.6	9.2	15.0	20.4	25.8	29.2
97.5°	7.7	3.5	0.8	0.0	0.8	3.8	7.7	12.7	18.1	23.1	26.5
100°	6.5	3.1	0.8	0.0	0.8	3.1	6.5	11.2	15.8	20.4	23.8
102.5°	5.4	2.3	0.4	0.4	0.4	2.3	5.8	9.6	13.8	18.1	21.5
105°	5.0	1.9	0.4	0.4	0.4	1.9	5.0	8.5	12.3	16.1	19.2
107.5°	4.2	1.5	0.4	0.4	0.4	1.5	4.2	7.3	11.2	14.6	17.3
110°	3.5	1.5	0.4	0.4	0.4	1.5	3.5	6.5	9.6	12.7	15.4



TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	3.1	1.2	0.4	0.4	0.4	1.2	3.1	5.8	8.5	11.5	13.8
115°	2.7	1.2	0.4	0.4	0.4	1.2	2.7	5.0	7.3	10.0	12.3
117.5°	2.3	1.2	0.4	0.4	0.4	0.8	2.3	4.2	6.5	8.8	11.2
120°	1.9	0.8	0.4	0.4	0.4	0.8	1.9	3.8	5.8	7.7	9.6
122.5°	1.9	0.8	0.4	0.4	0.4	0.8	1.5	3.1	5.0	6.5	8.5
125°	1.5	0.8	0.4	0.4	0.4	0.4	1.5	2.7	4.2	5.8	7.3
127.5°	1.5	0.8	0.4	0.4	0.4	0.4	1.2	2.3	3.5	5.0	6.5
130°	1.2	0.8	0.4	0.4	0.4	0.4	0.8	1.9	3.1	4.2	5.4
132.5°	1.2	0.8	0.4	0.4	0.4	0.4	0.8	1.5	2.3	3.5	4.6
135°	1.2	0.4	0.4	0.4	0.4	0.4	0.4	1.2	1.9	2.7	3.5
137.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.5	1.9	3.1
140°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.5	2.3
142.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.9
145°	0.8	0.4	0.4	0.8	0.8	0.4	0.4	0.8	0.8	1.2	1.5
147.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	1.2
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	748.3	739.4	744.0	742.5	744.0	747.9	747.5	746.3	747.1	745.2	743.3
5°	746.7	737.9	742.5	740.6	742.5	746.3	745.6	744.4	745.6	743.3	741.3
7.5°	744.8	736.7	742.1	741.7	745.2	750.2	750.6	750.6	753.3	749.8	748.3
10°	744.8	740.6	747.9	750.6	759.4	766.0	766.7	768.3	772.9	772.1	768.3
12.5°	752.9	752.1	762.9	769.4	777.5	786.7	791.7	793.3	796.3	794.0	792.5
15°	763.3	767.1	779.0	786.3	795.2	802.1	803.2	804.0	806.3	802.9	800.2
17.5°	777.1	779.4	789.0	792.1	797.9	799.0	797.5	793.6	793.6	785.9	783.6
20°	783.6	782.5	786.3	781.3	779.0	772.1	765.6	758.3	757.9	749.8	749.0
22.5°	777.9	770.2	762.1	749.8	744.4	734.4	725.6	721.3	718.7	708.3	705.6
25°	757.5	738.7	726.7	712.1	699.0	687.5	679.1	670.2	661.7	653.3	649.4
27.5°	722.1	704.4	685.2	664.8	646.8	629.1	614.8	606.0	597.9	586.8	581.0
30°	678.7	654.1	632.9	613.3	583.7	562.2	550.2	532.6	526.4	521.4	510.6
32.5°	627.5	597.9	569.1	542.5	512.2	492.2	476.4	463.3	459.5	446.4	443.3
35°	571.0	532.2	499.5	473.3	451.4	427.2	414.1	405.3	397.6	388.7	387.2
37.5°	504.5	469.5	432.6	409.5	392.2	371.4	361.4	355.3	351.8	345.3	344.1
40°	437.6	402.6	377.2	354.1	343.4	332.2	324.9	322.2	320.7	318.4	316.1
42.5°	376.8	346.1	328.0	312.6	308.0	302.6	300.7	302.2	300.7	299.9	299.5
45°	325.3	301.8	289.2	284.5	283.4	281.8	283.4	286.1	286.5	285.7	285.7
47.5°	278.4	267.2	261.9	262.6	264.5	265.7	268.4	271.9	272.6	270.7	271.5
50°	247.6	241.1	239.9	243.0	247.2	248.8	251.9	254.5	254.2	253.4	252.6
52.5°	218.8	216.9	219.9	223.0	227.6	228.4	229.6	230.7	230.3	228.8	228.0
55°	194.6	196.1	198.8	199.9	203.4	203.0	203.4	203.4	201.9	201.1	199.9
57.5°	172.6	173.0	174.6	175.0	176.9	176.1	175.7	175.0	172.6	172.3	171.1
60°	150.3	149.6	153.0	150.3	151.9	150.3	150.0	148.0	145.7	145.3	144.6
62.5°	129.2	127.7	130.0	128.8	129.6	128.0	127.3	125.0	123.0	122.7	122.3
65°	110.4	109.6	111.9	111.5	112.3	110.4	109.6	108.0	106.5	106.1	105.7
67.5°	94.6	96.5	97.7	97.7	98.4	98.1	96.1	95.7	95.4	93.8	93.8
70°	83.1	84.2	86.5	86.9	86.5	87.3	85.7	85.4	85.0	84.2	83.8
72.5°	73.8	75.4	77.7	78.1	77.7	77.7	76.9	76.5	76.5	75.4	75.4
75°	66.5	68.4	70.4	70.4	70.4	69.6	68.8	68.8	68.1	67.7	66.9
77.5°	60.4	62.7	64.2	63.8	63.4	62.7	62.7	61.5	60.4	60.4	59.6
80°	55.8	57.3	58.4	58.1	57.7	56.5	56.1	55.0	54.2	53.1	53.1
82.5°	50.8	52.7	53.4	53.1	52.3	51.1	50.8	50.0	49.2	48.8	48.1
85°	46.5	48.4	48.8	48.1	47.3	46.5	46.1	45.8	45.4	44.6	44.6
87.5°	42.3	44.2	44.2	43.8	43.1	42.7	42.3	41.9	41.5	41.1	40.8
90°	38.8	40.4	40.4	40.0	39.6	39.2	38.8	38.5	38.1	37.7	37.7
92.5°	35.4	36.9	36.9	36.5	36.1	35.8	35.8	35.4	35.0	34.6	34.2
95°	32.3	33.8	33.8	33.8	33.5	33.1	33.1	32.7	32.3	32.3	31.9
97.5°	29.2	30.8	30.8	30.8	30.4	30.0	30.0	29.6	29.6	29.6	29.2
100°	26.5	27.7	28.1	28.1	27.7	27.7	27.7	27.3	27.3	27.3	26.9
102.5°	23.8	25.0	25.8	25.8	25.8	25.4	25.4	25.4	25.4	25.4	25.0
105°	21.5	22.7	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
107.5°	19.6	20.8	21.5	21.9	22.3	22.3	22.7	22.7	22.7	22.7	22.7
110°	17.7	18.8	20.0	20.4	20.8	21.1	21.1	21.5	21.1	21.1	21.1



TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	15.8	17.3	18.1	18.8	19.2	19.6	20.0	20.0	20.0	20.0	20.0
115°	14.2	15.8	16.5	17.3	18.1	18.5	18.5	18.8	18.8	18.8	18.5
117.5°	12.7	14.2	15.0	15.8	16.1	16.9	17.3	17.3	17.3	17.3	16.9
120°	11.5	12.7	13.5	14.2	15.0	15.4	15.8	15.8	15.8	15.8	15.8
122.5°	10.0	11.2	12.3	13.1	13.5	13.8	14.2	14.2	14.2	14.2	14.2
125°	8.8	10.0	10.8	11.5	11.9	12.7	12.7	12.7	12.7	12.7	12.7
127.5°	7.7	8.8	9.6	10.4	10.8	11.2	11.5	11.5	11.5	11.5	11.5
130°	6.5	7.7	8.5	9.2	9.6	10.0	10.0	10.4	10.4	10.4	10.4
132.5°	5.8	6.5	7.3	8.1	8.5	8.8	8.8	9.2	9.2	9.2	9.2
135°	4.6	5.8	6.2	6.9	7.3	7.7	7.7	8.1	8.1	8.1	8.1
137.5°	3.8	4.6	5.4	6.2	6.5	6.5	6.9	6.9	7.3	7.3	7.3
140°	3.1	3.5	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.2	6.2
142.5°	2.3	3.1	3.5	4.2	4.6	5.0	5.4	5.4	5.4	5.4	5.4
145°	1.9	2.3	2.7	3.5	3.8	4.2	4.6	4.6	4.6	4.6	4.6
147.5°	1.5	1.9	2.3	2.7	3.1	3.5	3.8	3.8	3.8	3.8	3.8
150°	1.2	1.5	1.9	1.9	2.3	2.7	3.1	3.5	3.5	3.5	3.5
152.5°	1.2	1.2	1.5	1.5	1.9	2.3	2.7	2.7	2.7	2.7	2.7
155°	0.8	1.2	1.2	1.2	1.5	1.5	1.9	2.3	2.3	2.3	2.3
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: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	744.4	746.0	745.2	744.0	743.6	745.6	743.6	734.8	738.3	738.7	741.3
5°	743.3	744.4	743.6	742.9	741.7	744.0	741.7	732.5	736.0	736.3	739.0
7.5°	751.0	751.3	751.3	749.4	746.3	747.5	744.4	734.0	736.0	736.0	737.9
10°	770.2	770.9	772.1	767.1	763.3	760.2	756.0	743.3	742.9	739.8	739.8
12.5°	795.2	793.3	791.3	789.0	785.9	782.1	775.9	761.0	756.0	751.0	746.0
15°	802.5	801.7	801.3	800.2	798.2	797.1	792.5	777.5	770.2	764.0	755.2
17.5°	783.3	784.8	789.8	790.2	792.5	797.1	796.3	785.9	779.4	776.7	766.0
20°	748.6	749.0	755.2	757.9	767.9	775.6	781.3	780.2	778.6	781.7	773.6
22.5°	707.1	709.8	716.3	720.6	730.2	739.0	748.3	753.3	761.3	774.0	772.5
25°	650.6	654.1	663.3	670.2	683.7	697.1	709.4	718.3	727.9	752.1	760.2
27.5°	582.9	588.3	600.2	607.1	626.0	639.8	657.5	674.8	688.3	716.0	732.5
30°	511.8	516.4	529.1	538.7	554.9	573.7	596.0	620.6	642.9	671.0	691.7
32.5°	445.3	450.3	460.6	469.1	487.2	502.9	527.6	557.9	578.7	617.5	645.2
35°	387.2	391.8	399.1	406.4	421.4	437.6	458.7	488.3	514.9	555.2	590.2
37.5°	346.4	347.2	351.4	355.7	366.8	379.1	395.7	421.8	446.4	489.9	528.3
40°	317.2	317.2	319.5	320.7	325.7	333.0	343.4	363.7	384.1	417.2	464.1
42.5°	299.2	298.4	298.4	298.8	298.4	301.8	308.0	317.6	335.7	363.0	399.5
45°	285.7	284.2	283.0	280.3	278.8	278.8	279.2	282.6	293.0	310.7	340.3
47.5°	270.7	270.3	268.4	265.3	262.6	260.7	257.6	256.5	259.5	269.5	289.5
50°	253.4	251.5	249.5	247.2	244.2	242.2	236.5	236.9	234.2	238.8	249.2
52.5°	228.0	226.5	225.7	223.8	222.6	221.9	217.3	212.6	211.5	212.3	216.1
55°	199.9	200.7	197.6	199.2	198.8	195.3	193.4	189.9	188.8	188.4	190.3
57.5°	170.7	171.5	169.6	171.1	171.1	169.2	168.0	168.0	165.3	163.0	165.7
60°	144.2	142.7	143.8	145.7	145.7	144.6	143.8	143.8	141.9	141.1	143.0
62.5°	122.7	121.1	122.3	124.2	124.6	123.8	123.0	123.0	120.7	120.7	122.3
65°	106.1	106.5	106.1	107.7	107.7	108.0	107.3	106.5	103.8	105.0	104.6
67.5°	94.2	93.8	93.8	95.4	95.0	95.7	95.0	93.8	91.9	90.4	90.0
70°	84.2	83.8	83.8	84.6	85.0	85.0	84.6	83.8	81.1	79.6	78.4
72.5°	75.4	75.0	75.4	75.7	76.1	76.5	76.1	75.4	73.1	71.1	69.2
75°	67.3	66.9	68.1	68.1	68.4	68.4	68.8	68.4	66.5	64.2	61.9
77.5°	59.2	59.6	60.8	61.1	61.9	62.3	62.7	62.7	60.8	58.8	55.8
80°	52.7	53.4	54.2	54.6	55.4	56.5	56.9	57.3	55.8	53.8	50.4
82.5°	48.1	48.4	49.2	49.6	50.8	51.1	51.5	52.3	51.5	49.6	45.8
85°	44.2	44.6	45.4	45.4	46.1	46.9	47.3	47.7	47.3	45.4	41.5
87.5°	40.8	41.1	41.5	41.9	42.3	42.7	43.1	43.5	43.1	41.1	37.7
90°	37.7	37.7	38.1	38.1	38.5	38.8	39.6	39.6	39.2	37.7	34.2
92.5°	34.2	34.6	34.6	35.0	35.4	35.8	36.1	36.1	35.8	34.2	31.1
95°	31.9	31.9	32.3	32.3	32.7	32.7	33.1	33.1	32.7	31.1	28.1
97.5°	29.2	29.2	29.2	29.2	29.6	29.6	30.0	30.0	29.6	28.1	25.4
100°	26.9	26.9	26.9	26.9	26.9	27.3	27.3	27.3	26.9	25.4	22.7
102.5°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.2	23.1	20.4
105°	23.8	23.8	23.8	23.5	23.5	23.5	23.1	23.1	21.9	20.8	18.5
107.5°	22.3	22.3	22.3	21.9	21.9	21.5	21.1	21.1	20.0	18.8	16.5
110°	21.1	21.1	21.1	20.8	20.4	20.0	19.6	19.2	18.1	16.5	14.6





TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	20.0	20.0	19.6	19.6	19.2	18.8	18.1	17.7	16.5	15.0	13.1
115°	18.5	18.5	18.5	18.1	17.7	17.3	16.9	16.1	15.0	13.5	11.5
117.5°	16.9	16.9	16.9	16.5	16.1	15.8	15.4	14.6	13.5	11.9	10.4
120°	15.4	15.4	15.4	15.0	14.6	14.2	13.8	13.1	11.9	10.8	8.8
122.5°	14.2	14.2	13.8	13.5	13.1	12.7	12.3	11.5	10.8	9.2	7.7
125°	12.7	12.7	12.3	12.3	11.9	11.5	11.2	10.4	9.2	8.1	6.9
127.5°	11.5	11.2	11.2	11.2	10.8	10.4	9.6	9.2	8.1	6.9	5.8
130°	10.0	10.0	10.0	9.6	9.6	9.2	8.5	7.7	6.9	6.2	5.0
132.5°	8.8	8.8	8.8	8.8	8.5	8.1	7.3	6.9	6.2	5.0	4.2
135°	8.1	8.1	7.7	7.7	7.3	6.9	6.5	5.8	5.0	4.2	3.5
137.5°	6.9	6.9	6.9	6.5	6.5	6.2	5.4	5.0	4.6	3.8	3.1
140°	6.2	6.2	5.8	5.8	5.4	5.4	5.0	4.2	3.8	3.1	2.7
142.5°	5.4	5.4	5.0	5.0	4.6	4.6	4.2	3.8	3.1	2.7	1.9
145°	4.6	4.6	4.2	4.2	4.2	3.8	3.5	3.1	2.7	2.3	1.9
147.5°	3.8	3.8	3.8	3.5	3.5	3.1	3.1	2.7	2.3	1.9	1.5
150°	3.5	3.5	3.1	3.1	3.1	2.7	2.3	2.3	1.9	1.5	1.2
152.5°	2.7	2.7	2.7	2.7	2.3	2.3	1.9	1.9	1.5	1.2	1.2
155°	2.3	2.3	2.3	1.9	1.9	1.9	1.5	1.5	1.2	1.2	0.8
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: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	744.4	744.4	744.4	744.4	744.4	744.4	744.4
2.5°	740.2	739.8	743.3	742.9	738.3	745.2	749.8
5°	738.3	737.9	741.0	741.7	736.7	744.0	749.0
7.5°	736.7	736.3	739.8	741.0	736.0	742.5	747.9
10°	737.1	735.2	738.3	739.0	734.4	741.3	746.0
12.5°	739.8	735.2	736.3	736.3	732.1	738.3	743.3
15°	746.3	736.7	735.2	734.0	728.7	734.4	739.4
17.5°	753.6	740.6	735.2	731.3	724.8	729.8	735.2
20°	761.0	744.8	736.0	729.8	721.0	725.6	729.4
22.5°	764.4	748.6	736.7	727.5	716.3	718.7	722.9
25°	759.8	747.1	735.2	724.0	710.6	711.0	714.4
27.5°	742.9	739.4	731.7	720.6	706.0	704.0	706.7
30°	714.0	723.7	724.0	716.0	700.6	696.7	697.9
32.5°	673.7	695.2	707.9	706.4	692.9	687.5	688.3
35°	627.1	654.1	681.7	691.0	681.4	677.1	675.6
37.5°	571.4	607.5	644.4	667.1	665.6	662.9	661.4
40°	509.9	553.3	597.1	633.3	644.4	644.4	645.2
42.5°	444.1	494.9	542.9	588.7	614.8	620.6	622.9
45°	380.7	431.8	484.1	536.8	571.8	589.8	596.4
47.5°	323.0	374.5	424.1	481.8	528.3	551.8	562.2
50°	273.8	312.2	364.5	421.8	472.6	501.4	521.8
52.5°	233.0	263.0	308.8	362.2	413.4	453.0	471.8
55°	198.8	219.2	258.0	304.2	353.0	394.1	416.0
57.5°	170.0	186.1	212.6	251.1	292.2	333.0	356.4
60°	144.6	155.7	173.8	204.2	239.2	274.2	296.8
62.5°	122.7	130.0	141.9	164.2	191.5	218.8	239.9
65°	105.7	108.8	115.4	129.2	150.0	170.7	188.8
67.5°	89.2	91.1	96.1	104.6	115.0	130.0	141.9
70°	76.9	76.9	77.3	82.3	87.7	97.3	105.7
72.5°	66.9	65.8	63.4	64.6	65.8	71.1	76.5
75°	58.8	56.1	52.3	50.8	50.0	50.8	53.8
77.5°	51.9	48.1	43.5	39.6	36.5	35.4	38.1
80°	46.1	41.5	36.1	31.1	26.1	23.5	24.6
82.5°	41.5	35.8	30.0	24.2	18.5	14.6	14.6
85°	36.5	31.1	25.0	18.8	13.1	8.1	7.3
87.5°	33.1	27.3	20.8	15.0	9.2	4.2	2.3
90°	29.6	23.8	17.7	11.9	6.5	1.9	0.0
92.5°	26.5	21.1	15.4	9.6	4.6	1.2	0.0
95°	23.8	18.8	13.1	8.1	3.8	0.8	0.4
97.5°	21.1	16.5	11.5	6.5	2.7	0.8	0.4
100°	19.2	14.6	10.0	5.4	2.3	0.4	0.4
102.5°	16.9	13.1	8.5	4.6	1.9	0.4	0.4
105°	15.0	11.5	7.3	3.8	1.5	0.4	0.4
107.5°	13.5	10.0	6.5	3.5	1.5	0.4	0.4
110°	11.9	8.8	5.8	3.1	1.2	0.4	0.4



TEST NUMBER: P290173

CATALOG NUMBER: 4SSRK-LC-20-L935-CD1-U

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	10.8	7.7	5.0	2.7	0.8	0.4	0.4
115°	9.2	6.9	4.2	2.3	0.8	0.4	0.4
117.5°	8.1	5.8	3.8	1.9	0.8	0.4	0.4
120°	6.9	5.0	3.1	1.5	0.4	0.4	0.4
122.5°	6.2	4.2	2.7	1.5	0.4	0.4	0.4
125°	5.4	3.8	2.3	1.2	0.4	0.4	0.4
127.5°	4.6	3.1	1.9	0.8	0.4	0.4	0.4
130°	3.8	2.7	1.5	0.8	0.4	0.4	0.4
132.5°	3.1	2.3	1.5	0.8	0.4	0.4	0.4
135°	2.7	1.9	1.2	0.8	0.4	0.4	0.4
137.5°	2.3	1.5	0.8	0.8	0.8	0.4	0.4
140°	1.9	1.2	0.8	0.8	0.8	0.8	0.4
142.5°	1.5	1.2	0.8	0.8	0.8	0.8	0.4
145°	1.2	0.8	0.8	0.8	0.8	0.8	0.4
147.5°	1.2	0.8	0.8	0.8	0.8	0.8	0.4
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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)