

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: P290175

Luminaire Tested: **4SSRK-LC-20-L950-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: P290175
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-L950-CD1-U
Description: 2000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 5000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1935.8 lumens
Efficiency: N/A
Efficacy: 141.3 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

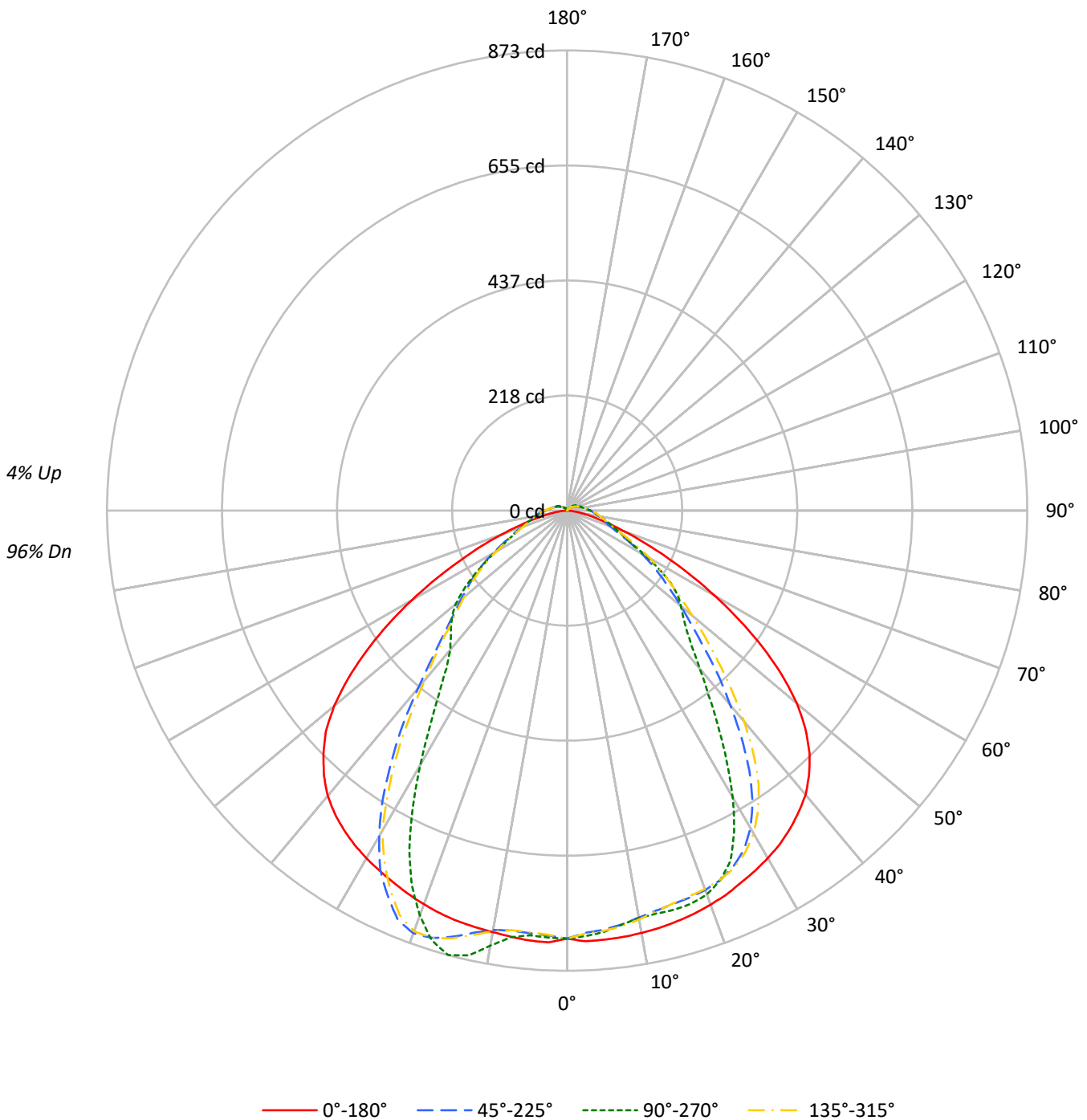
Input Watts (W): 13.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

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°	52441	52441	52441	52441
5°	52780	38534	52883	38837
10°	52973	30180	52862	32226
15°	53335	25298	53302	28167
20°	53870	21691	53809	22867
25°	54474	18235	54446	17618
30°	55440	14167	55469	12551
35°	56451	10353	56612	8762
40°	57331	7573	57567	6673
45°	57036	5845	57334	5692
50°	54484	4911	55240	4802
55°	48227	4024	49428	3658
60°	39009	2802	41081	2569
65°	28884	1940	31128	1840
70°	19535	1506	22026	1439
75°	12676	1209	14771	1144
80°	8062	988	9476	909
85°	4016	845	5270	772



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.1	4.0
10°-20°	229.5	11.9
20°-30°	348.9	18.0
30°-40°	374.3	19.3
40°-50°	324.8	16.8
50°-60°	240.7	12.4
60°-70°	137.9	7.1
70°-80°	76.4	3.9
80°-90°	46.5	2.4
90°-100°	30.2	1.6
100°-110°	20.3	1.0
110°-120°	13.7	0.7
120°-130°	8.4	0.4
130°-140°	4.4	0.2
140°-150°	2.0	0.1
150°-160°	0.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	655.5	33.9
0°-40°	1029.8	53.2
0°-60°	1595.4	82.4
0°-90°	1856.2	95.9
90°-120°	64.2	3.3
90°-150°	79.0	4.1
90°-180°	80.0	4.1
0°-180°	1935.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	812	812	812	812	812	
5°	817	802	819	809	817	78
15°	807	784	806	873	807	228
25°	779	733	779	708	779	360
35°	737	499	739	422	737	461
45°	650	320	654	312	650	498
55°	454	240	465	218	454	402
65°	206	122	222	115	206	208
75°	59	77	68	73	59	67
85°	8	53	10	49	8	10
90°	0	44	1	41	0	0
95°	0	36	0	35	0	0
105°	0	27	0	26	0	0
115°	0	22	0	20	0	0
125°	0	17	0	14	0	0
135°	0	10	0	9	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



TEST NUMBER: P290175

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	817.9	815.8	815.0	813.3	814.5	819.6	816.2	810.8	811.2	801.5	806.6
5°	817.1	814.5	813.3	811.6	812.4	817.1	813.7	808.2	807.8	798.2	802.8
7.5°	815.8	813.3	811.2	809.9	810.3	814.1	809.9	803.6	802.4	791.9	796.1
10°	813.7	812.0	809.1	807.0	806.6	810.8	804.0	797.8	794.8	783.9	788.1
12.5°	810.8	808.2	805.3	801.5	801.1	803.6	798.2	789.4	786.4	777.6	782.2
15°	806.6	803.6	800.3	796.1	794.0	795.7	788.9	781.0	780.6	773.0	779.3
17.5°	802.0	797.8	794.0	788.1	785.2	786.4	781.0	773.8	774.7	770.1	777.2
20°	795.7	791.0	785.2	779.3	775.1	777.2	773.4	768.0	769.2	765.9	772.2
22.5°	788.5	782.2	775.1	768.4	765.0	768.0	765.0	760.4	760.8	758.7	762.5
25°	779.3	772.2	763.8	755.4	753.7	755.8	754.1	750.4	748.7	745.3	747.0
27.5°	770.9	762.9	752.5	743.6	740.7	744.9	741.1	734.8	730.2	725.6	722.3
30°	761.3	751.6	739.9	729.8	727.3	729.0	723.5	713.9	701.7	695.8	686.6
32.5°	750.8	738.2	723.5	712.2	710.5	709.3	699.2	685.3	666.5	654.7	640.5
35°	736.9	723.1	705.5	691.6	689.1	682.0	665.6	647.2	622.9	602.7	578.4
37.5°	721.4	705.1	686.6	668.2	661.0	646.8	623.7	604.4	567.5	543.2	513.8
40°	703.8	684.1	661.4	639.2	627.5	604.4	578.0	549.5	513.8	481.1	456.3
42.5°	679.5	658.5	631.7	606.9	586.8	556.2	525.1	484.9	452.1	424.5	399.3
45°	650.5	625.4	594.3	564.6	539.0	502.5	466.0	425.7	398.5	366.2	349.0
47.5°	613.2	585.9	552.8	519.7	486.1	445.9	407.7	369.1	341.8	318.8	306.2
50°	569.2	544.0	507.5	468.1	431.2	389.2	351.1	322.1	295.7	281.4	271.8
52.5°	514.6	491.2	453.8	411.0	375.4	334.3	299.5	276.0	257.1	246.6	243.3
55°	453.8	433.3	396.4	356.5	320.0	282.3	255.9	235.3	223.1	216.8	217.3
57.5°	388.8	372.9	338.1	302.4	268.0	239.5	215.6	199.2	190.0	189.6	190.8
60°	323.8	312.1	281.9	251.2	221.0	198.0	180.4	169.0	163.2	163.6	163.2
62.5°	261.7	250.8	229.0	203.8	179.9	164.4	148.5	143.9	138.8	138.4	138.4
65°	205.9	197.6	179.9	161.9	143.9	133.8	125.8	120.4	116.6	115.8	116.2
67.5°	154.8	151.4	139.3	127.1	115.8	109.5	102.8	101.5	98.6	98.6	99.4
70°	115.3	112.8	106.1	99.0	94.4	90.2	86.8	86.8	86.4	86.0	88.1
72.5°	83.5	83.9	81.8	76.3	75.9	75.1	74.2	75.5	75.9	77.2	79.7
75°	58.7	60.0	60.0	59.1	60.8	62.9	64.2	66.3	68.8	70.5	73.4
77.5°	41.5	41.5	43.6	46.1	49.5	53.3	56.6	59.6	62.9	65.0	67.5
80°	26.8	28.1	31.5	36.1	40.7	45.7	50.3	54.1	57.5	60.8	62.5
82.5°	15.9	18.0	22.2	28.1	34.0	40.3	44.9	49.5	53.3	56.6	57.9
85°	8.0	10.9	15.9	22.2	28.5	35.2	41.1	45.3	49.5	52.4	54.1
87.5°	2.5	5.9	11.3	17.2	23.9	30.6	36.9	41.5	45.3	47.8	49.5
90°	0.0	2.9	8.0	14.3	20.6	27.3	33.1	38.2	41.9	44.0	45.3
92.5°	0.0	1.7	6.3	11.7	17.6	24.3	30.2	34.8	38.2	40.3	41.1
95°	0.4	1.3	4.6	9.6	15.5	21.8	27.3	31.5	34.8	36.9	37.3
97.5°	0.4	0.8	3.8	8.0	13.4	19.3	24.7	28.9	31.5	33.6	34.0
100°	0.4	0.8	2.9	7.1	11.7	17.2	22.2	26.0	28.9	30.6	31.0
102.5°	0.4	0.4	2.5	5.9	10.5	15.1	19.7	23.5	26.0	27.7	28.5
105°	0.4	0.4	2.1	5.0	9.2	13.4	17.6	21.4	23.5	25.2	26.0
107.5°	0.4	0.4	1.7	4.2	8.0	11.7	15.9	18.9	21.4	23.1	23.9
110°	0.4	0.4	1.3	3.8	6.7	10.5	13.8	16.8	19.3	21.0	21.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.4	0.4	1.3	3.4	5.9	9.2	12.2	15.1	17.2	18.9	20.1
115°	0.4	0.4	1.3	2.9	5.5	8.0	10.9	13.4	15.5	17.2	18.5
117.5°	0.4	0.4	1.3	2.5	4.6	7.1	9.6	12.2	13.8	15.5	16.8
120°	0.4	0.4	0.8	2.1	4.2	6.3	8.4	10.5	12.6	14.3	15.5
122.5°	0.4	0.4	0.8	2.1	3.4	5.5	7.5	9.2	11.3	12.6	13.8
125°	0.4	0.4	0.8	1.7	2.9	5.0	6.7	8.4	9.6	11.3	12.6
127.5°	0.4	0.4	0.8	1.7	2.5	4.2	5.9	7.5	8.8	10.1	10.9
130°	0.4	0.4	0.8	1.3	2.1	3.4	5.0	6.3	8.0	8.8	9.6
132.5°	0.4	0.4	0.4	1.3	1.7	2.5	3.8	5.5	6.7	8.0	8.4
135°	0.4	0.4	0.4	0.8	1.7	2.1	2.9	4.2	5.5	6.7	7.5
137.5°	0.4	0.4	0.4	0.8	1.3	2.1	2.5	3.4	4.6	5.5	6.7
140°	0.4	0.4	0.4	0.8	1.3	1.7	2.1	2.9	3.8	4.6	5.5
142.5°	0.4	0.4	0.4	0.8	0.8	1.3	1.7	2.5	2.9	3.8	4.6
145°	0.4	0.4	0.4	0.8	0.8	1.3	1.7	2.1	2.5	2.9	3.8
147.5°	0.4	0.4	0.4	0.8	0.8	0.8	1.3	1.7	2.1	2.5	2.9
150°	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.7	2.1	2.5
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.3	1.7	2.1
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.3	1.7	1.7
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	804.9	805.7	810.8	810.3	809.5	808.7	808.7	807.8	808.7	810.8	809.9
5°	800.7	802.0	805.7	805.3	804.5	804.0	803.6	802.4	803.2	806.1	805.3
7.5°	793.1	794.4	797.8	796.1	794.8	795.7	793.6	792.3	794.0	796.9	796.5
10°	785.2	786.0	790.2	789.4	787.3	787.7	785.6	784.8	786.9	788.5	788.9
12.5°	779.7	782.7	786.4	786.0	785.6	786.0	783.9	783.1	784.3	786.0	785.6
15°	778.5	782.2	786.4	786.4	786.9	787.3	785.2	783.9	785.2	786.4	786.0
17.5°	777.2	781.8	785.6	785.2	785.6	786.4	783.1	782.2	783.9	785.6	784.8
20°	773.0	777.2	779.7	778.9	778.9	779.3	775.1	775.1	777.6	778.9	779.3
22.5°	761.3	766.3	766.3	764.2	764.2	762.5	761.3	758.7	761.7	763.8	765.5
25°	743.6	745.7	743.2	738.6	736.1	734.0	728.1	733.2	733.2	739.5	741.6
27.5°	718.9	714.3	707.2	697.5	695.4	688.7	684.9	686.2	688.3	697.1	703.8
30°	678.2	664.4	652.2	648.0	638.8	632.1	625.4	628.7	632.5	637.5	651.4
32.5°	624.5	611.1	591.4	584.3	574.6	566.2	558.3	563.3	570.0	573.4	588.5
35°	562.9	546.9	528.9	516.7	506.7	502.1	492.0	499.1	506.3	508.8	521.8
37.5°	497.4	481.1	465.1	454.7	445.0	442.1	435.4	440.4	445.9	449.6	460.5
40°	435.4	420.3	408.1	401.0	394.3	391.7	389.2	391.3	395.5	398.5	406.8
42.5°	382.1	369.9	361.5	357.4	352.7	349.4	349.8	350.6	352.7	359.0	362.8
45°	335.5	328.4	323.0	322.1	319.2	318.8	318.3	320.0	321.3	325.1	328.0
47.5°	298.2	295.3	294.0	295.7	297.0	295.3	296.1	298.2	300.7	300.7	300.3
50°	268.9	269.7	271.4	275.1	277.7	278.5	279.3	281.9	282.3	283.1	281.9
52.5°	244.9	245.8	250.4	256.3	259.2	260.5	262.1	264.7	264.7	265.5	263.8
55°	220.6	221.9	226.5	232.4	234.9	236.6	238.2	239.9	241.2	242.9	241.6
57.5°	193.8	197.6	200.5	202.2	203.8	205.1	206.4	206.8	209.3	209.7	211.8
60°	165.3	166.1	169.0	168.6	167.4	170.7	169.0	172.0	174.9	178.7	179.1
62.5°	138.0	138.4	140.5	139.7	141.3	140.9	142.2	142.2	144.3	146.0	148.1
65°	116.6	117.0	118.7	118.7	118.3	119.5	120.8	121.6	121.6	122.9	124.6
67.5°	100.7	101.9	103.6	104.4	105.3	105.3	106.5	107.0	107.8	108.2	109.1
70°	89.8	91.4	93.1	94.0	94.4	95.2	95.6	95.6	96.5	96.9	97.7
72.5°	81.8	83.5	84.7	84.7	85.6	86.0	86.0	86.4	86.8	87.7	88.5
75°	75.1	76.3	77.2	76.8	76.8	76.8	77.2	77.2	78.0	78.9	79.7
77.5°	68.8	70.0	70.0	69.2	69.2	69.2	69.2	69.6	70.0	70.9	71.7
80°	64.2	64.2	63.8	63.8	62.9	62.5	62.5	62.9	62.9	63.8	65.0
82.5°	59.1	59.1	58.7	58.3	57.9	57.5	57.5	57.9	58.3	58.7	59.6
85°	54.5	54.5	53.7	53.7	53.3	53.3	53.3	53.3	53.7	54.1	54.9
87.5°	49.9	49.5	49.1	48.7	48.7	48.7	48.7	48.7	49.1	49.9	50.3
90°	45.3	44.9	44.5	44.5	44.0	44.0	44.5	44.5	44.9	45.3	45.7
92.5°	41.1	40.7	40.3	40.3	39.8	39.8	40.3	39.8	40.7	40.7	41.1
95°	37.3	36.9	36.5	36.5	36.5	36.5	36.5	36.5	36.9	36.9	37.3
97.5°	34.0	33.6	33.1	33.1	33.6	33.1	33.6	33.6	33.6	34.0	34.4
100°	31.0	30.6	30.6	31.0	30.6	30.6	31.0	31.0	31.0	31.0	31.5
102.5°	28.5	28.5	28.5	28.5	28.5	28.5	28.9	28.9	28.9	28.9	29.4
105°	26.0	26.4	26.4	26.4	26.8	26.8	26.8	27.3	27.3	27.3	27.3
107.5°	24.3	24.7	24.7	25.2	25.2	25.6	25.6	25.6	25.6	26.0	26.0
110°	22.6	23.1	23.5	23.9	23.9	24.3	24.3	24.3	24.3	24.3	24.3



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	21.0	21.4	21.8	22.6	23.1	23.1	23.1	23.1	23.5	23.5	23.1
115°	19.3	20.1	20.6	21.4	21.8	21.8	22.2	22.2	22.2	22.2	21.8
117.5°	17.6	18.9	19.3	20.1	20.6	20.6	21.0	21.0	21.0	21.0	20.6
120°	16.4	17.2	18.0	18.5	18.9	19.3	19.3	19.7	19.7	19.7	19.3
122.5°	15.1	15.9	16.8	17.2	17.6	18.0	18.0	18.0	18.0	18.0	18.0
125°	13.4	14.3	15.1	15.5	15.9	16.4	16.4	16.8	16.8	16.8	16.4
127.5°	12.2	13.0	13.4	14.3	14.7	14.7	15.1	15.1	15.1	15.1	14.7
130°	10.5	11.3	12.2	12.6	13.0	13.0	13.4	13.4	13.4	13.4	13.4
132.5°	9.2	10.1	10.5	11.3	11.3	11.7	11.7	12.2	12.2	12.2	11.7
135°	8.4	8.8	9.2	10.1	10.1	10.5	10.5	10.5	10.5	10.5	10.5
137.5°	7.5	8.0	8.4	8.8	8.8	9.2	9.2	9.2	9.2	9.6	9.2
140°	6.3	7.1	7.5	7.5	8.0	8.0	8.0	8.4	8.4	8.4	8.0
142.5°	5.5	5.9	6.3	6.7	7.1	7.1	7.1	7.1	7.5	7.1	7.1
145°	4.2	5.0	5.5	5.9	6.3	6.3	6.3	6.3	6.3	6.3	6.3
147.5°	3.4	3.8	4.6	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.5
150°	2.9	2.9	3.8	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
152.5°	2.1	2.5	2.9	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8
155°	2.1	2.1	2.5	2.5	2.9	2.9	2.9	2.9	3.4	2.9	2.9
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: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	808.7	808.2	809.9	808.2	799.9	803.2	802.0	806.6	807.0	808.2	812.4
5°	804.5	804.5	806.6	804.9	796.9	800.3	799.9	804.5	805.3	806.1	810.8
7.5°	796.1	796.5	799.4	798.2	789.8	794.8	794.4	799.9	801.5	803.2	807.4
10°	788.1	787.7	791.0	789.8	781.8	787.7	787.3	792.7	795.2	798.2	803.2
12.5°	783.9	782.7	783.9	782.7	773.8	778.5	778.9	785.2	788.1	791.9	797.8
15°	783.9	781.8	781.8	779.3	769.2	772.2	772.6	776.8	780.6	784.3	791.5
17.5°	783.1	781.0	780.6	778.5	767.6	767.6	767.1	770.1	772.2	775.9	783.5
20°	778.5	777.6	777.2	775.9	765.9	764.2	763.4	763.4	764.6	765.9	773.4
22.5°	766.3	767.1	768.0	768.8	760.8	757.9	758.3	757.5	756.2	756.2	762.5
25°	743.6	747.8	751.2	755.0	750.4	748.3	750.8	749.5	747.4	745.7	751.2
27.5°	707.6	716.4	723.5	732.7	733.2	731.5	738.2	737.4	736.9	734.4	738.6
30°	657.7	671.5	681.2	694.6	705.9	707.6	718.9	720.6	722.3	721.0	725.2
32.5°	597.3	616.1	632.5	653.5	664.4	674.0	690.0	696.7	703.4	705.5	710.1
35°	531.4	552.8	572.1	595.2	612.4	633.3	652.6	662.7	677.8	683.7	690.4
37.5°	468.9	489.1	507.9	531.0	558.7	580.5	604.4	627.0	647.6	656.0	666.1
40°	413.6	429.9	448.0	468.1	493.3	521.8	547.8	579.2	603.6	620.3	635.0
42.5°	371.6	379.6	395.1	413.1	433.3	462.2	488.6	523.9	553.2	577.1	601.5
45°	334.3	338.1	349.4	359.0	379.6	405.2	433.3	467.7	498.3	528.9	558.3
47.5°	302.4	307.0	312.5	318.3	333.0	354.4	378.7	409.8	440.4	476.1	509.6
50°	281.0	282.3	283.1	285.6	294.4	309.1	328.8	355.3	384.6	422.8	458.4
52.5°	262.1	262.1	259.6	258.4	261.7	271.0	282.3	301.2	331.3	366.6	404.3
55°	242.0	238.2	237.4	233.2	234.0	238.2	243.7	258.4	283.1	313.3	349.8
57.5°	213.9	212.2	212.2	210.6	207.2	209.3	210.6	221.0	238.7	264.7	296.5
60°	181.6	180.8	182.9	183.3	180.4	181.6	181.2	187.5	200.1	221.0	247.5
62.5°	149.3	153.1	153.5	155.2	153.5	153.1	155.2	160.6	166.9	182.9	203.4
65°	125.4	127.5	127.9	130.0	129.2	129.2	130.9	135.1	138.8	149.7	165.7
67.5°	109.9	109.1	109.5	110.7	109.5	109.1	110.3	112.8	115.8	122.5	133.8
70°	97.7	96.9	96.9	96.9	95.2	94.0	94.4	95.2	96.5	100.2	107.4
72.5°	88.5	88.5	87.2	86.0	84.7	83.9	83.0	82.2	81.8	83.0	86.8
75°	80.1	80.5	80.1	78.9	77.2	75.5	73.8	72.1	70.0	69.2	69.6
77.5°	72.6	73.0	73.4	73.0	71.3	69.2	66.7	64.2	61.2	58.3	56.6
80°	65.9	66.7	67.1	66.7	65.4	63.8	60.8	57.9	53.7	49.9	45.7
82.5°	60.0	61.2	61.7	61.7	60.8	59.1	55.8	52.4	47.8	42.8	37.3
85°	55.4	56.2	57.0	57.0	56.6	54.9	51.6	47.8	43.2	37.3	31.5
87.5°	50.8	51.2	52.0	52.8	52.0	50.3	47.4	43.2	38.6	32.7	26.0
90°	46.1	46.6	47.4	48.2	47.8	46.1	43.6	39.8	34.8	28.5	21.8
92.5°	41.5	42.4	42.8	43.2	43.6	42.4	40.3	36.5	31.5	25.2	18.9
95°	38.2	38.2	39.0	39.4	39.8	38.6	36.9	33.1	28.5	22.6	16.4
97.5°	34.8	34.8	35.7	35.7	36.1	35.2	33.6	30.2	25.6	20.1	13.8
100°	31.5	31.9	32.3	32.7	32.7	32.3	30.6	27.3	23.1	18.0	12.2
102.5°	29.4	29.4	29.8	29.8	30.2	29.4	27.7	24.7	20.6	15.9	10.5
105°	27.3	27.3	27.7	27.7	27.3	26.4	24.7	22.2	18.5	13.8	9.2
107.5°	25.6	25.6	25.6	25.6	25.2	24.3	22.6	19.7	16.4	12.6	8.4
110°	24.3	23.9	23.9	23.5	23.1	21.8	20.1	17.6	14.7	10.9	7.1



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	23.1	22.6	22.2	21.8	21.0	19.7	18.0	15.9	13.0	9.6	6.3
115°	21.8	21.4	21.0	20.1	19.3	18.0	16.4	14.3	11.3	8.4	5.5
117.5°	20.6	20.1	19.3	18.5	17.6	16.4	14.7	12.6	10.1	7.5	5.0
120°	18.9	18.5	18.0	17.2	16.4	14.7	13.0	11.3	8.8	6.7	4.2
122.5°	17.6	17.2	16.4	15.9	14.7	13.4	11.7	10.1	8.0	5.9	3.8
125°	15.9	15.5	15.1	14.3	13.4	11.7	10.5	8.8	7.1	5.0	2.9
127.5°	14.7	14.3	13.4	12.6	11.7	10.5	9.2	8.0	6.3	4.2	2.9
130°	13.0	12.6	12.2	11.3	10.5	9.2	8.4	6.7	5.5	3.8	2.5
132.5°	11.3	11.3	10.9	10.1	9.2	8.4	7.1	5.9	4.6	3.4	2.1
135°	10.5	10.1	9.6	8.8	8.4	7.1	6.3	5.0	3.8	2.9	1.7
137.5°	9.2	8.8	8.4	8.0	7.1	6.3	5.5	4.2	3.4	2.5	1.7
140°	8.0	7.5	7.5	6.7	6.3	5.5	4.6	3.8	2.9	2.1	1.3
142.5°	7.1	6.7	6.3	5.9	5.5	4.6	3.8	2.9	2.5	1.7	1.3
145°	6.3	5.9	5.5	5.0	4.6	3.8	3.4	2.5	2.1	1.7	1.3
147.5°	5.0	5.0	4.6	4.2	3.8	3.4	2.9	2.5	1.7	1.3	0.8
150°	4.2	4.2	3.8	3.4	3.4	2.9	2.5	2.1	1.7	1.3	0.8
152.5°	3.8	3.4	3.4	2.9	2.9	2.5	2.1	1.7	1.3	1.3	0.8
155°	2.9	2.9	2.9	2.5	2.5	2.1	1.7	1.7	1.3	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: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	813.3	808.2	812.4	820.0	819.1	818.3	817.5	819.1	824.6	821.7	817.1
5°	812.0	807.0	811.6	818.7	818.3	817.1	816.2	817.9	823.3	820.4	815.4
7.5°	809.5	804.9	808.2	815.4	815.4	814.5	813.7	815.4	820.4	817.9	812.9
10°	805.3	802.0	805.3	812.0	812.4	810.8	809.9	812.0	817.1	815.8	811.6
12.5°	802.0	798.6	802.4	809.1	809.5	807.8	806.6	809.1	815.8	816.6	815.4
15°	797.3	794.4	799.0	806.1	806.1	804.9	804.9	808.2	817.5	821.2	823.3
17.5°	790.6	788.5	794.0	801.1	801.5	800.7	801.1	807.8	820.0	829.2	835.1
20°	782.2	781.4	787.3	794.8	796.1	796.5	798.6	808.7	825.4	838.0	843.9
22.5°	772.2	772.6	779.3	787.3	788.9	790.2	794.4	808.7	829.6	843.1	845.6
25°	760.8	762.1	769.2	778.9	781.0	783.5	790.6	809.1	830.9	839.7	835.5
27.5°	748.7	751.2	760.4	770.5	773.0	777.2	786.4	806.6	825.0	825.4	809.9
30°	736.1	739.0	749.9	761.7	765.9	770.1	781.4	800.7	810.8	797.3	770.1
32.5°	721.8	726.0	736.9	751.2	756.2	761.7	773.0	789.4	785.6	756.7	717.6
35°	703.8	709.7	722.3	739.0	743.6	750.8	758.7	762.5	745.7	704.6	660.6
37.5°	681.6	690.4	705.1	724.4	729.4	734.0	736.1	725.6	692.1	647.6	601.9
40°	656.0	669.4	685.3	706.7	711.8	711.8	704.2	682.0	639.6	581.3	530.6
42.5°	625.0	641.3	661.4	682.8	687.9	682.0	664.0	625.0	576.7	511.7	458.0
45°	587.2	609.0	631.7	653.9	656.4	643.4	611.1	561.6	502.1	441.7	390.5
47.5°	542.3	570.8	595.6	620.8	617.4	595.6	552.4	496.2	433.3	376.2	335.1
50°	492.0	525.5	553.2	577.1	570.0	539.8	489.1	430.3	367.8	319.2	285.2
52.5°	438.3	476.9	504.6	523.9	514.2	478.2	422.4	366.2	315.0	270.5	247.9
55°	382.5	421.5	450.0	465.1	452.6	413.6	358.6	307.4	259.2	230.3	216.8
57.5°	328.4	364.9	391.7	403.9	388.0	349.0	298.2	255.0	220.2	195.9	189.2
60°	276.4	306.2	331.8	341.0	323.8	287.7	244.1	209.7	184.1	167.4	164.0
62.5°	228.2	252.5	272.6	279.8	263.0	234.9	197.1	171.5	153.5	145.1	140.9
65°	188.3	202.6	223.1	221.9	211.8	185.8	158.1	140.1	128.3	122.9	120.4
67.5°	148.1	161.1	174.1	175.7	163.2	145.1	127.1	114.1	107.8	104.9	103.6
70°	114.5	124.2	132.1	130.0	123.3	112.0	100.7	93.5	91.0	89.8	89.8
72.5°	88.9	94.0	97.7	95.2	91.0	85.1	79.7	76.8	77.2	78.0	78.9
75°	68.8	70.0	70.9	68.4	67.5	63.8	63.3	63.8	66.3	68.8	70.0
77.5°	52.8	51.2	49.9	47.4	47.8	47.4	49.5	52.8	56.6	60.4	63.8
80°	40.7	36.9	34.0	31.5	32.7	34.8	39.0	44.0	49.1	53.3	57.5
82.5°	31.5	26.0	21.8	19.3	21.8	25.2	30.6	36.9	42.8	47.4	52.0
85°	24.3	18.0	13.0	10.5	13.0	18.0	23.9	31.0	37.3	42.4	47.0
87.5°	18.9	13.0	7.1	4.2	7.1	12.6	19.3	26.0	32.3	38.2	42.8
90°	15.1	8.8	3.4	0.8	3.8	8.8	15.1	21.8	28.1	34.4	39.0
92.5°	12.2	6.3	1.7	0.0	2.1	6.7	12.6	18.9	25.2	31.0	35.7
95°	10.1	5.0	1.3	0.0	1.7	5.0	10.1	16.4	22.2	28.1	31.9
97.5°	8.4	3.8	0.8	0.0	0.8	4.2	8.4	13.8	19.7	25.2	28.9
100°	7.1	3.4	0.8	0.0	0.8	3.4	7.1	12.2	17.2	22.2	26.0
102.5°	5.9	2.5	0.4	0.4	0.4	2.5	6.3	10.5	15.1	19.7	23.5
105°	5.5	2.1	0.4	0.4	0.4	2.1	5.5	9.2	13.4	17.6	21.0
107.5°	4.6	1.7	0.4	0.4	0.4	1.7	4.6	8.0	12.2	15.9	18.9
110°	3.8	1.7	0.4	0.4	0.4	1.7	3.8	7.1	10.5	13.8	16.8



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	3.4	1.3	0.4	0.4	0.4	1.3	3.4	6.3	9.2	12.6	15.1
115°	2.9	1.3	0.4	0.4	0.4	1.3	2.9	5.5	8.0	10.9	13.4
117.5°	2.5	1.3	0.4	0.4	0.4	0.8	2.5	4.6	7.1	9.6	12.2
120°	2.1	0.8	0.4	0.4	0.4	0.8	2.1	4.2	6.3	8.4	10.5
122.5°	2.1	0.8	0.4	0.4	0.4	0.8	1.7	3.4	5.5	7.1	9.2
125°	1.7	0.8	0.4	0.4	0.4	0.4	1.7	2.9	4.6	6.3	8.0
127.5°	1.7	0.8	0.4	0.4	0.4	0.4	1.3	2.5	3.8	5.5	7.1
130°	1.3	0.8	0.4	0.4	0.4	0.4	0.8	2.1	3.4	4.6	5.9
132.5°	1.3	0.8	0.4	0.4	0.4	0.4	0.8	1.7	2.5	3.8	5.0
135°	1.3	0.4	0.4	0.4	0.4	0.4	0.4	1.3	2.1	2.9	3.8
137.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.7	2.1	3.4
140°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.3	1.7	2.5
142.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.3	2.1
145°	0.8	0.4	0.4	0.8	0.8	0.4	0.4	0.8	0.8	1.3	1.7
147.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	1.3
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3
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: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	816.2	806.6	811.6	809.9	811.6	815.8	815.4	814.1	815.0	812.9	810.8
5°	814.5	804.9	809.9	807.8	809.9	814.1	813.3	812.0	813.3	810.8	808.7
7.5°	812.4	803.6	809.5	809.1	812.9	818.3	818.7	818.7	821.7	817.9	816.2
10°	812.4	807.8	815.8	818.7	828.4	835.5	836.3	838.0	843.1	842.2	838.0
12.5°	821.2	820.4	832.1	839.3	848.1	858.2	863.6	865.3	868.6	866.1	864.4
15°	832.6	836.8	849.8	857.7	867.4	874.9	876.2	877.0	879.5	875.8	872.8
17.5°	847.7	850.2	860.7	864.0	870.3	871.6	869.9	865.7	865.7	857.3	854.8
20°	854.8	853.5	857.7	852.3	849.8	842.2	835.1	827.1	826.7	817.9	817.1
22.5°	848.5	840.1	831.3	817.9	812.0	801.1	791.5	786.9	783.9	772.6	769.7
25°	826.3	805.7	792.7	776.8	762.5	749.9	740.7	731.1	721.8	712.6	708.4
27.5°	787.7	768.4	747.4	725.2	705.5	686.2	670.7	661.0	652.2	640.1	633.8
30°	740.3	713.5	690.4	669.0	636.7	613.2	600.2	580.9	574.2	568.7	557.0
32.5°	684.5	652.2	620.8	591.8	558.7	536.9	519.7	505.4	501.2	487.0	483.6
35°	622.9	580.5	544.8	516.3	492.4	466.0	451.7	442.1	433.7	424.0	422.4
37.5°	550.3	512.1	471.9	446.7	427.8	405.2	394.3	387.6	383.8	376.6	375.4
40°	477.3	439.1	411.5	386.3	374.6	362.4	354.4	351.5	349.8	347.3	344.8
42.5°	411.0	377.5	357.8	341.0	336.0	330.1	328.0	329.7	328.0	327.2	326.7
45°	354.8	329.3	315.4	310.4	309.1	307.4	309.1	312.1	312.5	311.6	311.6
47.5°	303.7	291.5	285.6	286.5	288.6	289.8	292.8	296.5	297.4	295.3	296.1
50°	270.1	263.0	261.7	265.1	269.7	271.4	274.7	277.7	277.2	276.4	275.6
52.5°	238.7	236.6	239.9	243.3	248.3	249.1	250.4	251.7	251.2	249.6	248.7
55°	212.2	213.9	216.8	218.1	221.9	221.5	221.9	221.9	220.2	219.4	218.1
57.5°	188.3	188.7	190.4	190.8	192.9	192.1	191.7	190.8	188.3	187.9	186.6
60°	164.0	163.2	166.9	164.0	165.7	164.0	163.6	161.5	159.0	158.5	157.7
62.5°	140.9	139.3	141.8	140.5	141.3	139.7	138.8	136.3	134.2	133.8	133.4
65°	120.4	119.5	122.1	121.6	122.5	120.4	119.5	117.9	116.2	115.8	115.3
67.5°	103.2	105.3	106.5	106.5	107.4	107.0	104.9	104.4	104.0	102.3	102.3
70°	90.6	91.9	94.4	94.8	94.4	95.2	93.5	93.1	92.7	91.9	91.4
72.5°	80.5	82.2	84.7	85.1	84.7	84.7	83.9	83.5	83.5	82.2	82.2
75°	72.6	74.7	76.8	76.8	76.8	75.9	75.1	75.1	74.2	73.8	73.0
77.5°	65.9	68.4	70.0	69.6	69.2	68.4	68.4	67.1	65.9	65.9	65.0
80°	60.8	62.5	63.8	63.3	62.9	61.7	61.2	60.0	59.1	57.9	57.9
82.5°	55.4	57.5	58.3	57.9	57.0	55.8	55.4	54.5	53.7	53.3	52.4
85°	50.8	52.8	53.3	52.4	51.6	50.8	50.3	49.9	49.5	48.7	48.7
87.5°	46.1	48.2	48.2	47.8	47.0	46.6	46.1	45.7	45.3	44.9	44.5
90°	42.4	44.0	44.0	43.6	43.2	42.8	42.4	41.9	41.5	41.1	41.1
92.5°	38.6	40.3	40.3	39.8	39.4	39.0	39.0	38.6	38.2	37.7	37.3
95°	35.2	36.9	36.9	36.9	36.5	36.1	36.1	35.7	35.2	35.2	34.8
97.5°	31.9	33.6	33.6	33.6	33.1	32.7	32.7	32.3	32.3	32.3	31.9
100°	28.9	30.2	30.6	30.6	30.2	30.2	30.2	29.8	29.8	29.8	29.4
102.5°	26.0	27.3	28.1	28.1	28.1	27.7	27.7	27.7	27.7	27.7	27.3
105°	23.5	24.7	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
107.5°	21.4	22.6	23.5	23.9	24.3	24.3	24.7	24.7	24.7	24.7	24.7
110°	19.3	20.6	21.8	22.2	22.6	23.1	23.1	23.5	23.1	23.1	23.1



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	17.2	18.9	19.7	20.6	21.0	21.4	21.8	21.8	21.8	21.8	21.8
115°	15.5	17.2	18.0	18.9	19.7	20.1	20.1	20.6	20.6	20.6	20.1
117.5°	13.8	15.5	16.4	17.2	17.6	18.5	18.9	18.9	18.9	18.9	18.5
120°	12.6	13.8	14.7	15.5	16.4	16.8	17.2	17.2	17.2	17.2	17.2
122.5°	10.9	12.2	13.4	14.3	14.7	15.1	15.5	15.5	15.5	15.5	15.5
125°	9.6	10.9	11.7	12.6	13.0	13.8	13.8	13.8	13.8	13.8	13.8
127.5°	8.4	9.6	10.5	11.3	11.7	12.2	12.6	12.6	12.6	12.6	12.6
130°	7.1	8.4	9.2	10.1	10.5	10.9	10.9	11.3	11.3	11.3	11.3
132.5°	6.3	7.1	8.0	8.8	9.2	9.6	9.6	10.1	10.1	10.1	10.1
135°	5.0	6.3	6.7	7.5	8.0	8.4	8.4	8.8	8.8	8.8	8.8
137.5°	4.2	5.0	5.9	6.7	7.1	7.1	7.5	7.5	8.0	8.0	8.0
140°	3.4	3.8	5.0	5.5	5.9	6.3	6.7	6.7	6.7	6.7	6.7
142.5°	2.5	3.4	3.8	4.6	5.0	5.5	5.9	5.9	5.9	5.9	5.9
145°	2.1	2.5	2.9	3.8	4.2	4.6	5.0	5.0	5.0	5.0	5.0
147.5°	1.7	2.1	2.5	2.9	3.4	3.8	4.2	4.2	4.2	4.2	4.2
150°	1.3	1.7	2.1	2.1	2.5	2.9	3.4	3.8	3.8	3.8	3.8
152.5°	1.3	1.3	1.7	1.7	2.1	2.5	2.9	2.9	2.9	2.9	2.9
155°	0.8	1.3	1.3	1.3	1.7	1.7	2.1	2.5	2.5	2.5	2.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	812.0	813.7	812.9	811.6	811.2	813.3	811.2	801.5	805.3	805.7	808.7
5°	810.8	812.0	811.2	810.3	809.1	811.6	809.1	799.0	802.8	803.2	806.1
7.5°	819.1	819.6	819.6	817.5	814.1	815.4	812.0	800.7	802.8	802.8	804.9
10°	840.1	841.0	842.2	836.8	832.6	829.2	824.6	810.8	810.3	807.0	807.0
12.5°	867.4	865.3	863.2	860.7	857.3	853.1	846.4	830.1	824.6	819.1	813.7
15°	875.4	874.5	874.1	872.8	870.7	869.5	864.4	848.1	840.1	833.4	823.8
17.5°	854.4	856.1	861.5	861.9	864.4	869.5	868.6	857.3	850.2	847.2	835.5
20°	816.6	817.1	823.8	826.7	837.6	846.0	852.3	851.0	849.3	852.7	843.9
22.5°	771.3	774.3	781.4	786.0	796.5	806.1	816.2	821.7	830.5	844.3	842.6
25°	709.7	713.5	723.5	731.1	745.7	760.4	773.8	783.5	794.0	820.4	829.2
27.5°	635.9	641.7	654.7	662.3	682.8	697.9	717.2	736.1	750.8	781.0	799.0
30°	558.3	563.3	577.1	587.6	605.2	625.8	650.1	677.0	701.3	731.9	754.6
32.5°	485.7	491.2	502.5	511.7	531.4	548.6	575.5	608.6	631.2	673.6	703.8
35°	422.4	427.4	435.4	443.3	459.7	477.3	500.4	532.7	561.6	605.7	643.8
37.5°	377.9	378.7	383.4	388.0	400.1	413.6	431.6	460.1	487.0	534.4	576.3
40°	346.0	346.0	348.5	349.8	355.3	363.2	374.6	396.8	419.0	455.1	506.3
42.5°	326.3	325.5	325.5	325.9	325.5	329.3	336.0	346.4	366.2	395.9	435.8
45°	311.6	310.0	308.7	305.8	304.1	304.1	304.5	308.3	319.6	338.9	371.2
47.5°	295.3	294.9	292.8	289.4	286.5	284.4	281.0	279.8	283.1	294.0	315.8
50°	276.4	274.3	272.2	269.7	266.3	264.2	257.9	258.4	255.4	260.5	271.8
52.5°	248.7	247.0	246.2	244.1	242.9	242.0	237.0	231.9	230.7	231.5	235.7
55°	218.1	218.9	215.6	217.3	216.8	213.1	211.0	207.2	205.9	205.5	207.6
57.5°	186.2	187.1	185.0	186.6	186.6	184.5	183.3	183.3	180.4	177.8	180.8
60°	157.3	155.6	156.9	159.0	159.0	157.7	156.9	156.9	154.8	153.9	156.0
62.5°	133.8	132.1	133.4	135.5	135.9	135.1	134.2	134.2	131.7	131.7	133.4
65°	115.8	116.2	115.8	117.4	117.4	117.9	117.0	116.2	113.2	114.5	114.1
67.5°	102.8	102.3	102.3	104.0	103.6	104.4	103.6	102.3	100.2	98.6	98.1
70°	91.9	91.4	91.4	92.3	92.7	92.7	92.3	91.4	88.5	86.8	85.6
72.5°	82.2	81.8	82.2	82.6	83.0	83.5	83.0	82.2	79.7	77.6	75.5
75°	73.4	73.0	74.2	74.2	74.7	74.7	75.1	74.7	72.6	70.0	67.5
77.5°	64.6	65.0	66.3	66.7	67.5	67.9	68.4	68.4	66.3	64.2	60.8
80°	57.5	58.3	59.1	59.6	60.4	61.7	62.1	62.5	60.8	58.7	54.9
82.5°	52.4	52.8	53.7	54.1	55.4	55.8	56.2	57.0	56.2	54.1	49.9
85°	48.2	48.7	49.5	49.5	50.3	51.2	51.6	52.0	51.6	49.5	45.3
87.5°	44.5	44.9	45.3	45.7	46.1	46.6	47.0	47.4	47.0	44.9	41.1
90°	41.1	41.1	41.5	41.5	41.9	42.4	43.2	43.2	42.8	41.1	37.3
92.5°	37.3	37.7	37.7	38.2	38.6	39.0	39.4	39.4	39.0	37.3	34.0
95°	34.8	34.8	35.2	35.2	35.7	35.7	36.1	36.1	35.7	34.0	30.6
97.5°	31.9	31.9	31.9	31.9	32.3	32.3	32.7	32.7	32.3	30.6	27.7
100°	29.4	29.4	29.4	29.4	29.4	29.8	29.8	29.8	29.4	27.7	24.7
102.5°	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	26.4	25.2	22.2
105°	26.0	26.0	26.0	25.6	25.6	25.6	25.2	25.2	23.9	22.6	20.1
107.5°	24.3	24.3	24.3	23.9	23.9	23.5	23.1	23.1	21.8	20.6	18.0
110°	23.1	23.1	23.1	22.6	22.2	21.8	21.4	21.0	19.7	18.0	15.9



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	21.8	21.8	21.4	21.4	21.0	20.6	19.7	19.3	18.0	16.4	14.3
115°	20.1	20.1	20.1	19.7	19.3	18.9	18.5	17.6	16.4	14.7	12.6
117.5°	18.5	18.5	18.5	18.0	17.6	17.2	16.8	15.9	14.7	13.0	11.3
120°	16.8	16.8	16.8	16.4	15.9	15.5	15.1	14.3	13.0	11.7	9.6
122.5°	15.5	15.5	15.1	14.7	14.3	13.8	13.4	12.6	11.7	10.1	8.4
125°	13.8	13.8	13.4	13.4	13.0	12.6	12.2	11.3	10.1	8.8	7.5
127.5°	12.6	12.2	12.2	12.2	11.7	11.3	10.5	10.1	8.8	7.5	6.3
130°	10.9	10.9	10.9	10.5	10.5	10.1	9.2	8.4	7.5	6.7	5.5
132.5°	9.6	9.6	9.6	9.6	9.2	8.8	8.0	7.5	6.7	5.5	4.6
135°	8.8	8.8	8.4	8.4	8.0	7.5	7.1	6.3	5.5	4.6	3.8
137.5°	7.5	7.5	7.5	7.1	7.1	6.7	5.9	5.5	5.0	4.2	3.4
140°	6.7	6.7	6.3	6.3	5.9	5.9	5.5	4.6	4.2	3.4	2.9
142.5°	5.9	5.9	5.5	5.5	5.0	5.0	4.6	4.2	3.4	2.9	2.1
145°	5.0	5.0	4.6	4.6	4.6	4.2	3.8	3.4	2.9	2.5	2.1
147.5°	4.2	4.2	4.2	3.8	3.8	3.4	3.4	2.9	2.5	2.1	1.7
150°	3.8	3.8	3.4	3.4	3.4	2.9	2.5	2.5	2.1	1.7	1.3
152.5°	2.9	2.9	2.9	2.9	2.5	2.5	2.1	2.1	1.7	1.3	1.3
155°	2.5	2.5	2.5	2.1	2.1	2.1	1.7	1.7	1.3	1.3	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: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	812.0	812.0	812.0	812.0	812.0	812.0	812.0
2.5°	807.4	807.0	810.8	810.3	805.3	812.9	817.9
5°	805.3	804.9	808.2	809.1	803.6	811.6	817.1
7.5°	803.6	803.2	807.0	808.2	802.8	809.9	815.8
10°	804.0	802.0	805.3	806.1	801.1	808.7	813.7
12.5°	807.0	802.0	803.2	803.2	798.6	805.3	810.8
15°	814.1	803.6	802.0	800.7	794.8	801.1	806.6
17.5°	822.1	807.8	802.0	797.8	790.6	796.1	802.0
20°	830.1	812.4	802.8	796.1	786.4	791.5	795.7
22.5°	833.8	816.6	803.6	793.6	781.4	783.9	788.5
25°	828.8	815.0	802.0	789.8	775.1	775.5	779.3
27.5°	810.3	806.6	798.2	786.0	770.1	768.0	770.9
30°	778.9	789.4	789.8	781.0	764.2	760.0	761.3
32.5°	734.8	758.3	772.2	770.5	755.8	749.9	750.8
35°	684.1	713.5	743.6	753.7	743.2	738.6	736.9
37.5°	623.3	662.7	703.0	727.7	726.0	723.1	721.4
40°	556.2	603.6	651.4	690.8	703.0	703.0	703.8
42.5°	484.4	539.8	592.2	642.1	670.7	677.0	679.5
45°	415.2	471.0	528.1	585.5	623.7	643.4	650.5
47.5°	352.3	408.5	462.6	525.5	576.3	601.9	613.2
50°	298.6	340.6	397.6	460.1	515.5	546.9	569.2
52.5°	254.2	286.9	336.8	395.1	450.9	494.1	514.6
55°	216.8	239.1	281.4	331.8	385.0	429.9	453.8
57.5°	185.4	203.0	231.9	273.9	318.8	363.2	388.8
60°	157.7	169.9	189.6	222.7	260.9	299.1	323.8
62.5°	133.8	141.8	154.8	179.1	208.9	238.7	261.7
65°	115.3	118.7	125.8	140.9	163.6	186.2	205.9
67.5°	97.3	99.4	104.9	114.1	125.4	141.8	154.8
70°	83.9	83.9	84.3	89.8	95.6	106.1	115.3
72.5°	73.0	71.7	69.2	70.5	71.7	77.6	83.5
75°	64.2	61.2	57.0	55.4	54.5	55.4	58.7
77.5°	56.6	52.4	47.4	43.2	39.8	38.6	41.5
80°	50.3	45.3	39.4	34.0	28.5	25.6	26.8
82.5°	45.3	39.0	32.7	26.4	20.1	15.9	15.9
85°	39.8	34.0	27.3	20.6	14.3	8.8	8.0
87.5°	36.1	29.8	22.6	16.4	10.1	4.6	2.5
90°	32.3	26.0	19.3	13.0	7.1	2.1	0.0
92.5°	28.9	23.1	16.8	10.5	5.0	1.3	0.0
95°	26.0	20.6	14.3	8.8	4.2	0.8	0.4
97.5°	23.1	18.0	12.6	7.1	2.9	0.8	0.4
100°	21.0	15.9	10.9	5.9	2.5	0.4	0.4
102.5°	18.5	14.3	9.2	5.0	2.1	0.4	0.4
105°	16.4	12.6	8.0	4.2	1.7	0.4	0.4
107.5°	14.7	10.9	7.1	3.8	1.7	0.4	0.4
110°	13.0	9.6	6.3	3.4	1.3	0.4	0.4



TEST NUMBER: P290175

CATALOG NUMBER: 4SSRK-LC-20-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	11.7	8.4	5.5	2.9	0.8	0.4	0.4
115°	10.1	7.5	4.6	2.5	0.8	0.4	0.4
117.5°	8.8	6.3	4.2	2.1	0.8	0.4	0.4
120°	7.5	5.5	3.4	1.7	0.4	0.4	0.4
122.5°	6.7	4.6	2.9	1.7	0.4	0.4	0.4
125°	5.9	4.2	2.5	1.3	0.4	0.4	0.4
127.5°	5.0	3.4	2.1	0.8	0.4	0.4	0.4
130°	4.2	2.9	1.7	0.8	0.4	0.4	0.4
132.5°	3.4	2.5	1.7	0.8	0.4	0.4	0.4
135°	2.9	2.1	1.3	0.8	0.4	0.4	0.4
137.5°	2.5	1.7	0.8	0.8	0.8	0.4	0.4
140°	2.1	1.3	0.8	0.8	0.8	0.8	0.4
142.5°	1.7	1.3	0.8	0.8	0.8	0.8	0.4
145°	1.3	0.8	0.8	0.8	0.8	0.8	0.4
147.5°	1.3	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)