

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: P290174

Luminaire Tested: **4SSRK-LC-20-L940-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: P290174
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-L940-CD1-U
Description: 2000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 90 CRI 4000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1817.7 lumens
Efficiency: N/A
Efficacy: 132.7 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

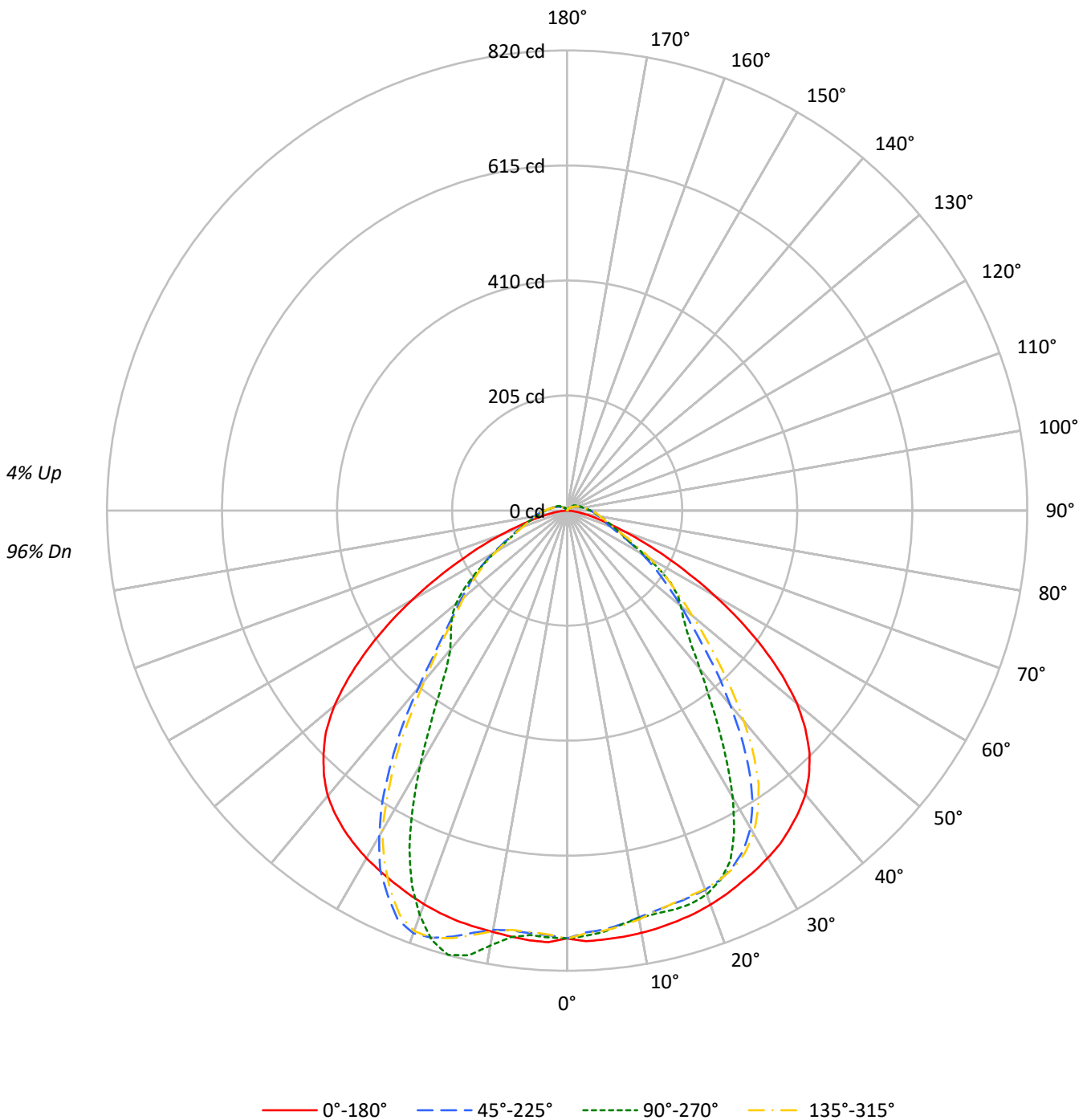
Input Watts (W): 13.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

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°	49238	49238	49238	49238
5°	49557	36181	49660	36464
10°	49737	28338	49633	30261
15°	50075	23756	50048	26450
20°	50579	20368	50525	21470
25°	51147	17121	51119	16544
30°	52053	13302	52082	11785
35°	53012	9722	53157	8227
40°	53828	7110	54056	6264
45°	53555	5489	53836	5345
50°	51153	4612	51871	4507
55°	45283	3779	46420	3435
60°	36623	2631	38575	2413
65°	27130	1822	29221	1728
70°	18349	1414	20688	1353
75°	11899	1136	13864	1073
80°	7581	928	8875	853
85°	3765	793	4919	725



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.4	4.0
10°-20°	215.5	11.9
20°-30°	327.6	18.0
30°-40°	351.4	19.3
40°-50°	305.0	16.8
50°-60°	226.0	12.4
60°-70°	129.5	7.1
70°-80°	71.7	3.9
80°-90°	43.7	2.4
90°-100°	28.4	1.6
100°-110°	19.0	1.0
110°-120°	12.8	0.7
120°-130°	7.9	0.4
130°-140°	4.2	0.2
140°-150°	1.9	0.1
150°-160°	0.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	615.5	33.9
0°-40°	966.9	53.2
0°-60°	1498.0	82.4
0°-90°	1742.9	95.9
90°-120°	60.3	3.3
90°-150°	74.2	4.1
90°-180°	75.0	4.1
0°-180°	1817.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	762	762	762	762	762	
5°	767	753	769	759	767	73
15°	757	736	757	820	757	214
25°	732	688	731	665	732	338
35°	692	469	694	397	692	433
45°	611	300	614	293	611	468
55°	426	225	437	205	426	378
65°	193	114	208	108	193	195
75°	55	72	64	68	55	63
85°	8	50	10	46	8	10
90°	0	42	1	39	0	0
95°	0	34	0	33	0	0
105°	0	26	0	24	0	0
115°	0	21	0	19	0	0
125°	0	16	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



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	768.0	766.0	765.2	763.6	764.8	769.5	766.4	761.3	761.7	752.6	757.3
5°	767.2	764.8	763.6	762.1	762.8	767.2	764.0	758.9	758.5	749.5	753.8
7.5°	766.0	763.6	761.7	760.5	760.9	764.4	760.5	754.6	753.4	743.5	747.5
10°	764.0	762.4	759.7	757.7	757.3	761.3	755.0	749.1	746.3	736.1	740.0
12.5°	761.3	758.9	756.1	752.6	752.2	754.6	749.5	741.2	738.4	730.2	734.5
15°	757.3	754.6	751.4	747.5	745.5	747.1	740.8	733.3	732.9	725.8	731.7
17.5°	753.0	749.1	745.5	740.0	737.2	738.4	733.3	726.6	727.4	723.1	729.8
20°	747.1	742.8	737.2	731.7	727.8	729.8	726.2	721.1	722.3	719.1	725.0
22.5°	740.4	734.5	727.8	721.5	718.3	721.1	718.3	714.0	714.4	712.4	716.0
25°	731.7	725.0	717.2	709.3	707.7	709.7	708.1	704.6	703.0	699.8	701.4
27.5°	723.9	716.4	706.5	698.3	695.5	699.4	695.9	690.0	685.7	681.3	678.2
30°	714.8	705.7	694.7	685.3	682.9	684.5	679.4	670.3	658.9	653.4	644.7
32.5°	705.0	693.1	679.4	668.7	667.1	666.0	656.5	643.5	625.8	614.8	601.4
35°	692.0	679.0	662.4	649.4	647.1	640.4	625.0	607.7	584.8	565.9	543.1
37.5°	677.4	662.0	644.7	627.4	620.7	607.3	585.6	567.5	532.8	510.0	482.4
40°	660.8	642.3	621.1	600.2	589.2	567.5	542.7	515.9	482.4	451.7	428.5
42.5°	638.0	618.3	593.1	569.9	551.0	522.2	493.1	455.3	424.5	398.6	374.9
45°	610.8	587.2	558.1	530.1	506.1	471.8	437.5	399.7	374.1	343.8	327.7
47.5°	575.8	550.2	519.1	488.0	456.4	418.6	382.8	346.6	321.0	299.3	287.5
50°	534.4	510.8	476.5	439.5	404.9	365.5	329.6	302.5	277.6	264.3	255.2
52.5°	483.2	461.2	426.1	386.0	352.5	313.9	281.2	259.1	241.4	231.6	228.4
55°	426.1	406.8	372.2	334.8	300.5	265.0	240.2	220.9	209.5	203.6	204.0
57.5°	365.1	350.1	317.4	283.9	251.7	224.9	202.4	187.1	178.4	178.0	179.2
60°	304.0	293.0	264.7	235.9	207.5	185.9	169.3	158.7	153.2	153.6	153.2
62.5°	245.7	235.5	215.0	191.4	169.0	154.4	139.4	135.1	130.4	130.0	130.0
65°	193.4	185.5	169.0	152.0	135.1	125.6	118.1	113.0	109.5	108.7	109.1
67.5°	145.3	142.2	130.8	119.3	108.7	102.8	96.5	95.3	92.5	92.5	93.3
70°	108.3	105.9	99.6	92.9	88.6	84.7	81.5	81.5	81.1	80.7	82.7
72.5°	78.4	78.8	76.8	71.7	71.3	70.5	69.7	70.9	71.3	72.5	74.8
75°	55.1	56.3	56.3	55.5	57.1	59.1	60.3	62.2	64.6	66.2	68.9
77.5°	39.0	39.0	41.0	43.3	46.5	50.0	53.2	55.9	59.1	61.0	63.4
80°	25.2	26.4	29.5	33.9	38.2	42.9	47.3	50.8	54.0	57.1	58.7
82.5°	15.0	16.9	20.9	26.4	31.9	37.8	42.1	46.5	50.0	53.2	54.3
85°	7.5	10.2	15.0	20.9	26.8	33.1	38.6	42.5	46.5	49.2	50.8
87.5°	2.4	5.5	10.6	16.1	22.4	28.7	34.7	39.0	42.5	44.9	46.5
90°	0.0	2.8	7.5	13.4	19.3	25.6	31.1	35.8	39.4	41.4	42.5
92.5°	0.0	1.6	5.9	11.0	16.5	22.8	28.4	32.7	35.8	37.8	38.6
95°	0.4	1.2	4.3	9.1	14.6	20.5	25.6	29.5	32.7	34.7	35.1
97.5°	0.4	0.8	3.5	7.5	12.6	18.1	23.2	27.2	29.5	31.5	31.9
100°	0.4	0.8	2.8	6.7	11.0	16.1	20.9	24.4	27.2	28.7	29.1
102.5°	0.4	0.4	2.4	5.5	9.8	14.2	18.5	22.1	24.4	26.0	26.8
105°	0.4	0.4	2.0	4.7	8.7	12.6	16.5	20.1	22.1	23.6	24.4
107.5°	0.4	0.4	1.6	3.9	7.5	11.0	15.0	17.7	20.1	21.7	22.4
110°	0.4	0.4	1.2	3.5	6.3	9.8	13.0	15.8	18.1	19.7	20.5



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.4	0.4	1.2	3.2	5.5	8.7	11.4	14.2	16.1	17.7	18.9
115°	0.4	0.4	1.2	2.8	5.1	7.5	10.2	12.6	14.6	16.1	17.3
117.5°	0.4	0.4	1.2	2.4	4.3	6.7	9.1	11.4	13.0	14.6	15.8
120°	0.4	0.4	0.8	2.0	3.9	5.9	7.9	9.8	11.8	13.4	14.6
122.5°	0.4	0.4	0.8	2.0	3.2	5.1	7.1	8.7	10.6	11.8	13.0
125°	0.4	0.4	0.8	1.6	2.8	4.7	6.3	7.9	9.1	10.6	11.8
127.5°	0.4	0.4	0.8	1.6	2.4	3.9	5.5	7.1	8.3	9.5	10.2
130°	0.4	0.4	0.8	1.2	2.0	3.2	4.7	5.9	7.5	8.3	9.1
132.5°	0.4	0.4	0.4	1.2	1.6	2.4	3.5	5.1	6.3	7.5	7.9
135°	0.4	0.4	0.4	0.8	1.6	2.0	2.8	3.9	5.1	6.3	7.1
137.5°	0.4	0.4	0.4	0.8	1.2	2.0	2.4	3.2	4.3	5.1	6.3
140°	0.4	0.4	0.4	0.8	1.2	1.6	2.0	2.8	3.5	4.3	5.1
142.5°	0.4	0.4	0.4	0.8	0.8	1.2	1.6	2.4	2.8	3.5	4.3
145°	0.4	0.4	0.4	0.8	0.8	1.2	1.6	2.0	2.4	2.8	3.5
147.5°	0.4	0.4	0.4	0.8	0.8	0.8	1.2	1.6	2.0	2.4	2.8
150°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.6	2.0	2.4
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.6	2.0
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.6	1.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	755.8	756.5	761.3	760.9	760.1	759.3	759.3	758.5	759.3	761.3	760.5
5°	751.8	753.0	756.5	756.1	755.4	755.0	754.6	753.4	754.2	756.9	756.1
7.5°	744.7	745.9	749.1	747.5	746.3	747.1	745.1	743.9	745.5	748.3	747.9
10°	737.2	738.0	742.0	741.2	739.2	739.6	737.6	736.9	738.8	740.4	740.8
12.5°	732.1	734.9	738.4	738.0	737.6	738.0	736.1	735.3	736.5	738.0	737.6
15°	730.9	734.5	738.4	738.4	738.8	739.2	737.2	736.1	737.2	738.4	738.0
17.5°	729.8	734.1	737.6	737.2	737.6	738.4	735.3	734.5	736.1	737.6	736.9
20°	725.8	729.8	732.1	731.3	731.3	731.7	727.8	727.8	730.2	731.3	731.7
22.5°	714.8	719.5	719.5	717.6	717.6	716.0	714.8	712.4	715.2	717.2	718.7
25°	698.3	700.2	697.9	693.5	691.2	689.2	683.7	688.4	688.4	694.3	696.3
27.5°	675.0	670.7	664.0	654.9	653.0	646.7	643.1	644.3	646.3	654.5	660.8
30°	636.8	623.8	612.4	608.5	599.8	593.5	587.2	590.3	593.9	598.6	611.6
32.5°	586.4	573.8	555.3	548.6	539.5	531.7	524.2	528.9	535.2	538.4	552.5
35°	528.5	513.6	496.6	485.2	475.7	471.4	462.0	468.7	475.3	477.7	489.9
37.5°	467.1	451.7	436.8	426.9	417.9	415.1	408.8	413.5	418.6	422.2	432.4
40°	408.8	394.6	383.2	376.5	370.2	367.8	365.5	367.4	371.4	374.1	382.0
42.5°	358.8	347.4	339.5	335.5	331.2	328.1	328.5	329.2	331.2	337.1	340.7
45°	315.1	308.4	303.2	302.5	299.7	299.3	298.9	300.5	301.7	305.2	308.0
47.5°	280.0	277.3	276.1	277.6	278.8	277.3	278.0	280.0	282.4	282.4	282.0
50°	252.4	253.2	254.8	258.4	260.7	261.5	262.3	264.7	265.0	265.8	264.7
52.5°	230.0	230.8	235.1	240.6	243.4	244.6	246.1	248.5	248.5	249.3	247.7
55°	207.2	208.3	212.7	218.2	220.5	222.1	223.7	225.3	226.5	228.0	226.8
57.5°	181.9	185.5	188.2	189.8	191.4	192.6	193.8	194.2	196.5	196.9	198.9
60°	155.2	156.0	158.7	158.3	157.1	160.3	158.7	161.5	164.2	167.8	168.2
62.5°	129.6	130.0	131.9	131.1	132.7	132.3	133.5	133.5	135.5	137.1	139.0
65°	109.5	109.9	111.5	111.5	111.1	112.2	113.4	114.2	114.2	115.4	117.0
67.5°	94.5	95.7	97.3	98.1	98.9	98.9	100.0	100.4	101.2	101.6	102.4
70°	84.3	85.9	87.4	88.2	88.6	89.4	89.8	89.8	90.6	91.0	91.8
72.5°	76.8	78.4	79.6	79.6	80.3	80.7	80.7	81.1	81.5	82.3	83.1
75°	70.5	71.7	72.5	72.1	72.1	72.1	72.5	72.5	73.3	74.0	74.8
77.5°	64.6	65.8	65.8	65.0	65.0	65.0	65.0	65.4	65.8	66.6	67.3
80°	60.3	60.3	59.9	59.9	59.1	58.7	58.7	59.1	59.1	59.9	61.0
82.5°	55.5	55.5	55.1	54.7	54.3	54.0	54.0	54.3	54.7	55.1	55.9
85°	51.2	51.2	50.4	50.4	50.0	50.0	50.0	50.0	50.4	50.8	51.6
87.5°	46.9	46.5	46.1	45.7	45.7	45.7	45.7	45.7	46.1	46.9	47.3
90°	42.5	42.1	41.7	41.7	41.4	41.4	41.7	41.7	42.1	42.5	42.9
92.5°	38.6	38.2	37.8	37.8	37.4	37.4	37.8	37.4	38.2	38.2	38.6
95°	35.1	34.7	34.3	34.3	34.3	34.3	34.3	34.3	34.7	34.7	35.1
97.5°	31.9	31.5	31.1	31.1	31.5	31.1	31.5	31.5	31.5	31.9	32.3
100°	29.1	28.7	28.7	29.1	28.7	28.7	29.1	29.1	29.1	29.1	29.5
102.5°	26.8	26.8	26.8	26.8	26.8	26.8	27.2	27.2	27.2	27.2	27.6
105°	24.4	24.8	24.8	24.8	25.2	25.2	25.2	25.6	25.6	25.6	25.6
107.5°	22.8	23.2	23.2	23.6	23.6	24.0	24.0	24.0	24.0	24.4	24.4
110°	21.3	21.7	22.1	22.4	22.4	22.8	22.8	22.8	22.8	22.8	22.8



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	19.7	20.1	20.5	21.3	21.7	21.7	21.7	21.7	22.1	22.1	21.7
115°	18.1	18.9	19.3	20.1	20.5	20.5	20.9	20.9	20.9	20.9	20.5
117.5°	16.5	17.7	18.1	18.9	19.3	19.3	19.7	19.7	19.7	19.7	19.3
120°	15.4	16.1	16.9	17.3	17.7	18.1	18.1	18.5	18.5	18.5	18.1
122.5°	14.2	15.0	15.8	16.1	16.5	16.9	16.9	16.9	16.9	16.9	16.9
125°	12.6	13.4	14.2	14.6	15.0	15.4	15.4	15.8	15.8	15.8	15.4
127.5°	11.4	12.2	12.6	13.4	13.8	13.8	14.2	14.2	14.2	14.2	13.8
130°	9.8	10.6	11.4	11.8	12.2	12.2	12.6	12.6	12.6	12.6	12.6
132.5°	8.7	9.5	9.8	10.6	10.6	11.0	11.0	11.4	11.4	11.4	11.0
135°	7.9	8.3	8.7	9.5	9.5	9.8	9.8	9.8	9.8	9.8	9.8
137.5°	7.1	7.5	7.9	8.3	8.3	8.7	8.7	8.7	8.7	9.1	8.7
140°	5.9	6.7	7.1	7.1	7.5	7.5	7.5	7.9	7.9	7.9	7.5
142.5°	5.1	5.5	5.9	6.3	6.7	6.7	6.7	6.7	7.1	6.7	6.7
145°	3.9	4.7	5.1	5.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9
147.5°	3.2	3.5	4.3	4.7	4.7	5.1	5.1	5.1	5.1	5.1	5.1
150°	2.8	2.8	3.5	3.9	4.3	4.3	4.3	4.3	4.3	4.3	4.3
152.5°	2.0	2.4	2.8	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5
155°	2.0	2.0	2.4	2.4	2.8	2.8	2.8	2.8	3.2	2.8	2.8
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: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	759.3	758.9	760.5	758.9	751.0	754.2	753.0	757.3	757.7	758.9	762.8
5°	755.4	755.4	757.3	755.8	748.3	751.4	751.0	755.4	756.1	756.9	761.3
7.5°	747.5	747.9	750.6	749.5	741.6	746.3	745.9	751.0	752.6	754.2	758.1
10°	740.0	739.6	742.8	741.6	734.1	739.6	739.2	744.3	746.7	749.5	754.2
12.5°	736.1	734.9	736.1	734.9	726.6	730.9	731.3	737.2	740.0	743.5	749.1
15°	736.1	734.1	734.1	731.7	722.3	725.0	725.4	729.4	732.9	736.5	743.2
17.5°	735.3	733.3	732.9	730.9	720.7	720.7	720.3	723.1	725.0	728.6	735.7
20°	730.9	730.2	729.8	728.6	719.1	717.6	716.8	716.8	717.9	719.1	726.2
22.5°	719.5	720.3	721.1	721.9	714.4	711.6	712.0	711.3	710.1	710.1	716.0
25°	698.3	702.2	705.3	708.9	704.6	702.6	705.0	703.8	701.8	700.2	705.3
27.5°	664.4	672.7	679.4	688.0	688.4	686.8	693.1	692.3	692.0	689.6	693.5
30°	617.5	630.5	639.6	652.2	662.8	664.4	675.0	676.6	678.2	677.0	680.9
32.5°	560.8	578.5	593.9	613.6	623.8	632.9	647.8	654.1	660.4	662.4	666.7
35°	499.0	519.1	537.2	558.8	575.0	594.7	612.8	622.2	636.4	641.9	648.2
37.5°	440.3	459.2	476.9	498.6	524.6	545.1	567.5	588.8	608.1	615.9	625.4
40°	388.3	403.7	420.6	439.5	463.1	489.9	514.3	543.9	566.7	582.5	596.3
42.5°	348.9	356.4	371.0	387.9	406.8	434.0	458.8	491.9	519.5	541.9	564.7
45°	313.9	317.4	328.1	337.1	356.4	380.4	406.8	439.1	467.9	496.6	524.2
47.5°	283.9	288.3	293.4	298.9	312.7	332.8	355.6	384.8	413.5	447.0	478.5
50°	263.9	265.0	265.8	268.2	276.5	290.3	308.8	333.6	361.1	397.0	430.5
52.5°	246.1	246.1	243.8	242.6	245.7	254.4	265.0	282.8	311.1	344.2	379.6
55°	227.2	223.7	222.9	219.0	219.8	223.7	228.8	242.6	265.8	294.2	328.5
57.5°	200.9	199.3	199.3	197.7	194.6	196.5	197.7	207.5	224.1	248.5	278.4
60°	170.5	169.7	171.7	172.1	169.3	170.5	170.1	176.0	187.9	207.5	232.4
62.5°	140.2	143.7	144.1	145.7	144.1	143.7	145.7	150.8	156.7	171.7	191.0
65°	117.8	119.7	120.1	122.1	121.3	121.3	122.9	126.8	130.4	140.6	155.6
67.5°	103.2	102.4	102.8	104.0	102.8	102.4	103.6	105.9	108.7	115.0	125.6
70°	91.8	91.0	91.0	91.0	89.4	88.2	88.6	89.4	90.6	94.1	100.8
72.5°	83.1	83.1	81.9	80.7	79.6	78.8	78.0	77.2	76.8	78.0	81.5
75°	75.2	75.6	75.2	74.0	72.5	70.9	69.3	67.7	65.8	65.0	65.4
77.5°	68.1	68.5	68.9	68.5	67.0	65.0	62.6	60.3	57.5	54.7	53.2
80°	61.8	62.6	63.0	62.6	61.4	59.9	57.1	54.3	50.4	46.9	42.9
82.5°	56.3	57.5	57.9	57.9	57.1	55.5	52.4	49.2	44.9	40.2	35.1
85°	52.0	52.8	53.6	53.6	53.2	51.6	48.4	44.9	40.6	35.1	29.5
87.5°	47.7	48.0	48.8	49.6	48.8	47.3	44.5	40.6	36.2	30.7	24.4
90°	43.3	43.7	44.5	45.3	44.9	43.3	41.0	37.4	32.7	26.8	20.5
92.5°	39.0	39.8	40.2	40.6	41.0	39.8	37.8	34.3	29.5	23.6	17.7
95°	35.8	35.8	36.6	37.0	37.4	36.2	34.7	31.1	26.8	21.3	15.4
97.5°	32.7	32.7	33.5	33.5	33.9	33.1	31.5	28.4	24.0	18.9	13.0
100°	29.5	29.9	30.3	30.7	30.7	30.3	28.7	25.6	21.7	16.9	11.4
102.5°	27.6	27.6	28.0	28.0	28.4	27.6	26.0	23.2	19.3	15.0	9.8
105°	25.6	25.6	26.0	26.0	25.6	24.8	23.2	20.9	17.3	13.0	8.7
107.5°	24.0	24.0	24.0	24.0	23.6	22.8	21.3	18.5	15.4	11.8	7.9
110°	22.8	22.4	22.4	22.1	21.7	20.5	18.9	16.5	13.8	10.2	6.7



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	21.7	21.3	20.9	20.5	19.7	18.5	16.9	15.0	12.2	9.1	5.9
115°	20.5	20.1	19.7	18.9	18.1	16.9	15.4	13.4	10.6	7.9	5.1
117.5°	19.3	18.9	18.1	17.3	16.5	15.4	13.8	11.8	9.5	7.1	4.7
120°	17.7	17.3	16.9	16.1	15.4	13.8	12.2	10.6	8.3	6.3	3.9
122.5°	16.5	16.1	15.4	15.0	13.8	12.6	11.0	9.5	7.5	5.5	3.5
125°	15.0	14.6	14.2	13.4	12.6	11.0	9.8	8.3	6.7	4.7	2.8
127.5°	13.8	13.4	12.6	11.8	11.0	9.8	8.7	7.5	5.9	3.9	2.8
130°	12.2	11.8	11.4	10.6	9.8	8.7	7.9	6.3	5.1	3.5	2.4
132.5°	10.6	10.6	10.2	9.5	8.7	7.9	6.7	5.5	4.3	3.2	2.0
135°	9.8	9.5	9.1	8.3	7.9	6.7	5.9	4.7	3.5	2.8	1.6
137.5°	8.7	8.3	7.9	7.5	6.7	5.9	5.1	3.9	3.2	2.4	1.6
140°	7.5	7.1	7.1	6.3	5.9	5.1	4.3	3.5	2.8	2.0	1.2
142.5°	6.7	6.3	5.9	5.5	5.1	4.3	3.5	2.8	2.4	1.6	1.2
145°	5.9	5.5	5.1	4.7	4.3	3.5	3.2	2.4	2.0	1.6	1.2
147.5°	4.7	4.7	4.3	3.9	3.5	3.2	2.8	2.4	1.6	1.2	0.8
150°	3.9	3.9	3.5	3.2	3.2	2.8	2.4	2.0	1.6	1.2	0.8
152.5°	3.5	3.2	3.2	2.8	2.8	2.4	2.0	1.6	1.2	1.2	0.8
155°	2.8	2.8	2.8	2.4	2.4	2.0	1.6	1.6	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: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	763.6	758.9	762.8	769.9	769.1	768.4	767.6	769.1	774.3	771.5	767.2
5°	762.4	757.7	762.1	768.8	768.4	767.2	766.4	768.0	773.1	770.3	765.6
7.5°	760.1	755.8	758.9	765.6	765.6	764.8	764.0	765.6	770.3	768.0	763.2
10°	756.1	753.0	756.1	762.4	762.8	761.3	760.5	762.4	767.2	766.0	762.1
12.5°	753.0	749.8	753.4	759.7	760.1	758.5	757.3	759.7	766.0	766.8	765.6
15°	748.7	745.9	750.2	756.9	756.9	755.8	755.8	758.9	767.6	771.1	773.1
17.5°	742.4	740.4	745.5	752.2	752.6	751.8	752.2	758.5	769.9	778.6	784.1
20°	734.5	733.7	739.2	746.3	747.5	747.9	749.8	759.3	775.1	786.9	792.4
22.5°	725.0	725.4	731.7	739.2	740.8	742.0	745.9	759.3	779.0	791.6	794.0
25°	714.4	715.6	722.3	731.3	733.3	735.7	742.4	759.7	780.2	788.4	784.5
27.5°	703.0	705.3	714.0	723.5	725.8	729.8	738.4	757.3	774.7	775.1	760.5
30°	691.2	693.9	704.2	715.2	719.1	723.1	733.7	751.8	761.3	748.7	723.1
32.5°	677.8	681.7	692.0	705.3	710.1	715.2	725.8	741.2	737.6	710.5	673.8
35°	660.8	666.4	678.2	693.9	698.3	705.0	712.4	716.0	700.2	661.6	620.3
37.5°	640.0	648.2	662.0	680.1	684.9	689.2	691.2	681.3	649.8	608.1	565.1
40°	615.9	628.5	643.5	663.6	668.3	668.3	661.2	640.4	600.6	545.8	498.2
42.5°	586.8	602.2	621.1	641.2	645.9	640.4	623.4	586.8	541.5	480.5	430.1
45°	551.4	571.8	593.1	614.0	616.3	604.1	573.8	527.3	471.4	414.7	366.7
47.5°	509.2	536.0	559.2	582.9	579.7	559.2	518.7	465.9	406.8	353.3	314.7
50°	462.0	493.5	519.5	541.9	535.2	506.9	459.2	404.1	345.4	299.7	267.8
52.5°	411.5	447.8	473.8	491.9	482.8	449.0	396.6	343.8	295.8	254.0	232.8
55°	359.2	395.8	422.6	436.8	424.9	388.3	336.7	288.7	243.4	216.2	203.6
57.5°	308.4	342.6	367.8	379.3	364.3	327.7	280.0	239.4	206.8	183.9	177.6
60°	259.5	287.5	311.5	320.2	304.0	270.2	229.2	196.9	172.9	157.1	154.0
62.5°	214.2	237.1	256.0	262.7	246.9	220.5	185.1	161.1	144.1	136.3	132.3
65°	176.8	190.2	209.5	208.3	198.9	174.5	148.5	131.5	120.5	115.4	113.0
67.5°	139.0	151.2	163.4	165.0	153.2	136.3	119.3	107.1	101.2	98.5	97.3
70°	107.5	116.6	124.1	122.1	115.8	105.2	94.5	87.8	85.5	84.3	84.3
72.5°	83.5	88.2	91.8	89.4	85.5	79.9	74.8	72.1	72.5	73.3	74.0
75°	64.6	65.8	66.6	64.2	63.4	59.9	59.5	59.9	62.2	64.6	65.8
77.5°	49.6	48.0	46.9	44.5	44.9	44.5	46.5	49.6	53.2	56.7	59.9
80°	38.2	34.7	31.9	29.5	30.7	32.7	36.6	41.4	46.1	50.0	54.0
82.5°	29.5	24.4	20.5	18.1	20.5	23.6	28.7	34.7	40.2	44.5	48.8
85°	22.8	16.9	12.2	9.8	12.2	16.9	22.4	29.1	35.1	39.8	44.1
87.5°	17.7	12.2	6.7	3.9	6.7	11.8	18.1	24.4	30.3	35.8	40.2
90°	14.2	8.3	3.2	0.8	3.5	8.3	14.2	20.5	26.4	32.3	36.6
92.5°	11.4	5.9	1.6	0.0	2.0	6.3	11.8	17.7	23.6	29.1	33.5
95°	9.5	4.7	1.2	0.0	1.6	4.7	9.5	15.4	20.9	26.4	29.9
97.5°	7.9	3.5	0.8	0.0	0.8	3.9	7.9	13.0	18.5	23.6	27.2
100°	6.7	3.2	0.8	0.0	0.8	3.2	6.7	11.4	16.1	20.9	24.4
102.5°	5.5	2.4	0.4	0.4	0.4	2.4	5.9	9.8	14.2	18.5	22.1
105°	5.1	2.0	0.4	0.4	0.4	2.0	5.1	8.7	12.6	16.5	19.7
107.5°	4.3	1.6	0.4	0.4	0.4	1.6	4.3	7.5	11.4	15.0	17.7
110°	3.5	1.6	0.4	0.4	0.4	1.6	3.5	6.7	9.8	13.0	15.8



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	3.2	1.2	0.4	0.4	0.4	1.2	3.2	5.9	8.7	11.8	14.2
115°	2.8	1.2	0.4	0.4	0.4	1.2	2.8	5.1	7.5	10.2	12.6
117.5°	2.4	1.2	0.4	0.4	0.4	0.8	2.4	4.3	6.7	9.1	11.4
120°	2.0	0.8	0.4	0.4	0.4	0.8	2.0	3.9	5.9	7.9	9.8
122.5°	2.0	0.8	0.4	0.4	0.4	0.8	1.6	3.2	5.1	6.7	8.7
125°	1.6	0.8	0.4	0.4	0.4	0.4	1.6	2.8	4.3	5.9	7.5
127.5°	1.6	0.8	0.4	0.4	0.4	0.4	1.2	2.4	3.5	5.1	6.7
130°	1.2	0.8	0.4	0.4	0.4	0.4	0.8	2.0	3.2	4.3	5.5
132.5°	1.2	0.8	0.4	0.4	0.4	0.4	0.8	1.6	2.4	3.5	4.7
135°	1.2	0.4	0.4	0.4	0.4	0.4	0.4	1.2	2.0	2.8	3.5
137.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.6	2.0	3.2
140°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.6	2.4
142.5°	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.0
145°	0.8	0.4	0.4	0.8	0.8	0.4	0.4	0.8	0.8	1.2	1.6
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: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	766.4	757.3	762.1	760.5	762.1	766.0	765.6	764.4	765.2	763.2	761.3
5°	764.8	755.8	760.5	758.5	760.5	764.4	763.6	762.4	763.6	761.3	759.3
7.5°	762.8	754.6	760.1	759.7	763.2	768.4	768.8	768.8	771.5	768.0	766.4
10°	762.8	758.5	766.0	768.8	777.8	784.5	785.3	786.9	791.6	790.8	786.9
12.5°	771.1	770.3	781.4	788.0	796.3	805.8	810.9	812.5	815.6	813.3	811.7
15°	781.7	785.7	797.9	805.4	814.4	821.5	822.7	823.5	825.9	822.3	819.6
17.5°	795.9	798.3	808.1	811.3	817.2	818.4	816.8	812.9	812.9	805.0	802.6
20°	802.6	801.4	805.4	800.3	797.9	790.8	784.1	776.6	776.2	768.0	767.2
22.5°	796.7	788.8	780.6	768.0	762.4	752.2	743.2	738.8	736.1	725.4	722.7
25°	775.8	756.5	744.3	729.4	716.0	704.2	695.5	686.4	677.8	669.1	665.2
27.5°	739.6	721.5	701.8	680.9	662.4	644.3	629.7	620.7	612.4	601.0	595.1
30°	695.1	669.9	648.2	628.2	597.8	575.8	563.6	545.5	539.1	534.0	523.0
32.5°	642.7	612.4	582.9	555.7	524.6	504.1	488.0	474.6	470.6	457.2	454.1
35°	584.8	545.1	511.6	484.8	462.4	437.5	424.2	415.1	407.2	398.2	396.6
37.5°	516.7	480.9	443.1	419.4	401.7	380.4	370.2	363.9	360.4	353.7	352.5
40°	448.2	412.3	386.3	362.7	351.7	340.3	332.8	330.0	328.5	326.1	323.7
42.5°	386.0	354.4	335.9	320.2	315.5	309.9	308.0	309.5	308.0	307.2	306.8
45°	333.2	309.2	296.2	291.4	290.3	288.7	290.3	293.0	293.4	292.6	292.6
47.5°	285.1	273.7	268.2	269.0	271.0	272.1	274.9	278.4	279.2	277.3	278.0
50°	253.6	246.9	245.7	248.9	253.2	254.8	258.0	260.7	260.3	259.5	258.7
52.5°	224.1	222.1	225.3	228.4	233.1	233.9	235.1	236.3	235.9	234.3	233.5
55°	199.3	200.9	203.6	204.8	208.3	207.9	208.3	208.3	206.8	206.0	204.8
57.5°	176.8	177.2	178.8	179.2	181.2	180.4	180.0	179.2	176.8	176.4	175.3
60°	154.0	153.2	156.7	154.0	155.6	154.0	153.6	151.6	149.3	148.9	148.1
62.5°	132.3	130.8	133.1	131.9	132.7	131.1	130.4	128.0	126.0	125.6	125.2
65°	113.0	112.2	114.6	114.2	115.0	113.0	112.2	110.7	109.1	108.7	108.3
67.5°	96.9	98.9	100.0	100.0	100.8	100.4	98.5	98.1	97.7	96.1	96.1
70°	85.1	86.2	88.6	89.0	88.6	89.4	87.8	87.4	87.0	86.2	85.9
72.5°	75.6	77.2	79.6	79.9	79.6	79.6	78.8	78.4	78.4	77.2	77.2
75°	68.1	70.1	72.1	72.1	72.1	71.3	70.5	70.5	69.7	69.3	68.5
77.5°	61.8	64.2	65.8	65.4	65.0	64.2	64.2	63.0	61.8	61.8	61.0
80°	57.1	58.7	59.9	59.5	59.1	57.9	57.5	56.3	55.5	54.3	54.3
82.5°	52.0	54.0	54.7	54.3	53.6	52.4	52.0	51.2	50.4	50.0	49.2
85°	47.7	49.6	50.0	49.2	48.4	47.7	47.3	46.9	46.5	45.7	45.7
87.5°	43.3	45.3	45.3	44.9	44.1	43.7	43.3	42.9	42.5	42.1	41.7
90°	39.8	41.4	41.4	41.0	40.6	40.2	39.8	39.4	39.0	38.6	38.6
92.5°	36.2	37.8	37.8	37.4	37.0	36.6	36.6	36.2	35.8	35.4	35.1
95°	33.1	34.7	34.7	34.7	34.3	33.9	33.9	33.5	33.1	33.1	32.7
97.5°	29.9	31.5	31.5	31.5	31.1	30.7	30.7	30.3	30.3	30.3	29.9
100°	27.2	28.4	28.7	28.7	28.4	28.4	28.4	28.0	28.0	28.0	27.6
102.5°	24.4	25.6	26.4	26.4	26.4	26.0	26.0	26.0	26.0	26.0	25.6
105°	22.1	23.2	24.0	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
107.5°	20.1	21.3	22.1	22.4	22.8	22.8	23.2	23.2	23.2	23.2	23.2
110°	18.1	19.3	20.5	20.9	21.3	21.7	21.7	22.1	21.7	21.7	21.7



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	16.1	17.7	18.5	19.3	19.7	20.1	20.5	20.5	20.5	20.5	20.5
115°	14.6	16.1	16.9	17.7	18.5	18.9	18.9	19.3	19.3	19.3	18.9
117.5°	13.0	14.6	15.4	16.1	16.5	17.3	17.7	17.7	17.7	17.7	17.3
120°	11.8	13.0	13.8	14.6	15.4	15.8	16.1	16.1	16.1	16.1	16.1
122.5°	10.2	11.4	12.6	13.4	13.8	14.2	14.6	14.6	14.6	14.6	14.6
125°	9.1	10.2	11.0	11.8	12.2	13.0	13.0	13.0	13.0	13.0	13.0
127.5°	7.9	9.1	9.8	10.6	11.0	11.4	11.8	11.8	11.8	11.8	11.8
130°	6.7	7.9	8.7	9.5	9.8	10.2	10.2	10.6	10.6	10.6	10.6
132.5°	5.9	6.7	7.5	8.3	8.7	9.1	9.1	9.5	9.5	9.5	9.5
135°	4.7	5.9	6.3	7.1	7.5	7.9	7.9	8.3	8.3	8.3	8.3
137.5°	3.9	4.7	5.5	6.3	6.7	6.7	7.1	7.1	7.5	7.5	7.5
140°	3.2	3.5	4.7	5.1	5.5	5.9	6.3	6.3	6.3	6.3	6.3
142.5°	2.4	3.2	3.5	4.3	4.7	5.1	5.5	5.5	5.5	5.5	5.5
145°	2.0	2.4	2.8	3.5	3.9	4.3	4.7	4.7	4.7	4.7	4.7
147.5°	1.6	2.0	2.4	2.8	3.2	3.5	3.9	3.9	3.9	3.9	3.9
150°	1.2	1.6	2.0	2.0	2.4	2.8	3.2	3.5	3.5	3.5	3.5
152.5°	1.2	1.2	1.6	1.6	2.0	2.4	2.8	2.8	2.8	2.8	2.8
155°	0.8	1.2	1.2	1.2	1.6	1.6	2.0	2.4	2.4	2.4	2.4
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: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	762.4	764.0	763.2	762.1	761.7	763.6	761.7	752.6	756.1	756.5	759.3
5°	761.3	762.4	761.7	760.9	759.7	762.1	759.7	750.2	753.8	754.2	756.9
7.5°	769.1	769.5	769.5	767.6	764.4	765.6	762.4	751.8	753.8	753.8	755.8
10°	788.8	789.6	790.8	785.7	781.7	778.6	774.3	761.3	760.9	757.7	757.7
12.5°	814.4	812.5	810.5	808.1	805.0	801.0	794.7	779.4	774.3	769.1	764.0
15°	821.9	821.1	820.7	819.6	817.6	816.4	811.7	796.3	788.8	782.5	773.5
17.5°	802.2	803.8	808.9	809.3	811.7	816.4	815.6	805.0	798.3	795.5	784.5
20°	766.8	767.2	773.5	776.2	786.5	794.3	800.3	799.1	797.5	800.7	792.4
22.5°	724.2	727.0	733.7	738.0	747.9	756.9	766.4	771.5	779.8	792.8	791.2
25°	666.4	669.9	679.4	686.4	700.2	714.0	726.6	735.7	745.5	770.3	778.6
27.5°	597.0	602.6	614.8	621.9	641.2	655.3	673.4	691.2	705.0	733.3	750.2
30°	524.2	528.9	541.9	551.8	568.3	587.6	610.4	635.6	658.5	687.2	708.5
32.5°	456.1	461.2	471.8	480.5	499.0	515.1	540.3	571.4	592.7	632.5	660.8
35°	396.6	401.3	408.8	416.3	431.6	448.2	469.8	500.2	527.3	568.7	604.5
37.5°	354.8	355.6	360.0	364.3	375.7	388.3	405.2	432.0	457.2	501.7	541.1
40°	324.9	324.9	327.3	328.5	333.6	341.1	351.7	372.6	393.4	427.3	475.3
42.5°	306.4	305.6	305.6	306.0	305.6	309.2	315.5	325.3	343.8	371.8	409.2
45°	292.6	291.0	289.9	287.1	285.5	285.5	285.9	289.5	300.1	318.2	348.5
47.5°	277.3	276.9	274.9	271.7	269.0	267.0	263.9	262.7	265.8	276.1	296.6
50°	259.5	257.6	255.6	253.2	250.1	248.1	242.2	242.6	239.8	244.6	255.2
52.5°	233.5	232.0	231.2	229.2	228.0	227.2	222.5	217.8	216.6	217.4	221.3
55°	204.8	205.6	202.4	204.0	203.6	200.1	198.1	194.6	193.4	193.0	194.9
57.5°	174.9	175.6	173.7	175.3	175.3	173.3	172.1	172.1	169.3	167.0	169.7
60°	147.7	146.1	147.3	149.3	149.3	148.1	147.3	147.3	145.3	144.5	146.5
62.5°	125.6	124.1	125.2	127.2	127.6	126.8	126.0	126.0	123.7	123.7	125.2
65°	108.7	109.1	108.7	110.3	110.3	110.7	109.9	109.1	106.3	107.5	107.1
67.5°	96.5	96.1	96.1	97.7	97.3	98.1	97.3	96.1	94.1	92.5	92.2
70°	86.2	85.9	85.9	86.6	87.0	87.0	86.6	85.9	83.1	81.5	80.3
72.5°	77.2	76.8	77.2	77.6	78.0	78.4	78.0	77.2	74.8	72.9	70.9
75°	68.9	68.5	69.7	69.7	70.1	70.1	70.5	70.1	68.1	65.8	63.4
77.5°	60.6	61.0	62.2	62.6	63.4	63.8	64.2	64.2	62.2	60.3	57.1
80°	54.0	54.7	55.5	55.9	56.7	57.9	58.3	58.7	57.1	55.1	51.6
82.5°	49.2	49.6	50.4	50.8	52.0	52.4	52.8	53.6	52.8	50.8	46.9
85°	45.3	45.7	46.5	46.5	47.3	48.0	48.4	48.8	48.4	46.5	42.5
87.5°	41.7	42.1	42.5	42.9	43.3	43.7	44.1	44.5	44.1	42.1	38.6
90°	38.6	38.6	39.0	39.0	39.4	39.8	40.6	40.6	40.2	38.6	35.1
92.5°	35.1	35.4	35.4	35.8	36.2	36.6	37.0	37.0	36.6	35.1	31.9
95°	32.7	32.7	33.1	33.1	33.5	33.5	33.9	33.9	33.5	31.9	28.7
97.5°	29.9	29.9	29.9	29.9	30.3	30.3	30.7	30.7	30.3	28.7	26.0
100°	27.6	27.6	27.6	27.6	27.6	28.0	28.0	28.0	27.6	26.0	23.2
102.5°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	24.8	23.6	20.9
105°	24.4	24.4	24.4	24.0	24.0	24.0	23.6	23.6	22.4	21.3	18.9
107.5°	22.8	22.8	22.8	22.4	22.4	22.1	21.7	21.7	20.5	19.3	16.9
110°	21.7	21.7	21.7	21.3	20.9	20.5	20.1	19.7	18.5	16.9	15.0



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	20.5	20.5	20.1	20.1	19.7	19.3	18.5	18.1	16.9	15.4	13.4
115°	18.9	18.9	18.9	18.5	18.1	17.7	17.3	16.5	15.4	13.8	11.8
117.5°	17.3	17.3	17.3	16.9	16.5	16.1	15.8	15.0	13.8	12.2	10.6
120°	15.8	15.8	15.8	15.4	15.0	14.6	14.2	13.4	12.2	11.0	9.1
122.5°	14.6	14.6	14.2	13.8	13.4	13.0	12.6	11.8	11.0	9.5	7.9
125°	13.0	13.0	12.6	12.6	12.2	11.8	11.4	10.6	9.5	8.3	7.1
127.5°	11.8	11.4	11.4	11.4	11.0	10.6	9.8	9.5	8.3	7.1	5.9
130°	10.2	10.2	10.2	9.8	9.8	9.5	8.7	7.9	7.1	6.3	5.1
132.5°	9.1	9.1	9.1	9.1	8.7	8.3	7.5	7.1	6.3	5.1	4.3
135°	8.3	8.3	7.9	7.9	7.5	7.1	6.7	5.9	5.1	4.3	3.5
137.5°	7.1	7.1	7.1	6.7	6.7	6.3	5.5	5.1	4.7	3.9	3.2
140°	6.3	6.3	5.9	5.9	5.5	5.5	5.1	4.3	3.9	3.2	2.8
142.5°	5.5	5.5	5.1	5.1	4.7	4.7	4.3	3.9	3.2	2.8	2.0
145°	4.7	4.7	4.3	4.3	4.3	3.9	3.5	3.2	2.8	2.4	2.0
147.5°	3.9	3.9	3.9	3.5	3.5	3.2	3.2	2.8	2.4	2.0	1.6
150°	3.5	3.5	3.2	3.2	3.2	2.8	2.4	2.4	2.0	1.6	1.2
152.5°	2.8	2.8	2.8	2.8	2.4	2.4	2.0	2.0	1.6	1.2	1.2
155°	2.4	2.4	2.4	2.0	2.0	2.0	1.6	1.6	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: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	762.4	762.4	762.4	762.4	762.4	762.4	762.4
2.5°	758.1	757.7	761.3	760.9	756.1	763.2	768.0
5°	756.1	755.8	758.9	759.7	754.6	762.1	767.2
7.5°	754.6	754.2	757.7	758.9	753.8	760.5	766.0
10°	755.0	753.0	756.1	756.9	752.2	759.3	764.0
12.5°	757.7	753.0	754.2	754.2	749.8	756.1	761.3
15°	764.4	754.6	753.0	751.8	746.3	752.2	757.3
17.5°	771.9	758.5	753.0	749.1	742.4	747.5	753.0
20°	779.4	762.8	753.8	747.5	738.4	743.2	747.1
22.5°	782.9	766.8	754.6	745.1	733.7	736.1	740.4
25°	778.2	765.2	753.0	741.6	727.8	728.2	731.7
27.5°	760.9	757.3	749.5	738.0	723.1	721.1	723.9
30°	731.3	741.2	741.6	733.3	717.6	713.6	714.8
32.5°	690.0	712.0	725.0	723.5	709.7	704.2	705.0
35°	642.3	669.9	698.3	707.7	697.9	693.5	692.0
37.5°	585.2	622.2	660.1	683.3	681.7	679.0	677.4
40°	522.2	566.7	611.6	648.6	660.1	660.1	660.8
42.5°	454.9	506.9	556.1	602.9	629.7	635.6	638.0
45°	389.9	442.3	495.8	549.8	585.6	604.1	610.8
47.5°	330.8	383.6	434.4	493.5	541.1	565.1	575.8
50°	280.4	319.8	373.3	432.0	484.0	513.6	534.4
52.5°	238.7	269.4	316.2	371.0	423.4	463.9	483.2
55°	203.6	224.5	264.3	311.5	361.5	403.7	426.1
57.5°	174.1	190.6	217.8	257.2	299.3	341.1	365.1
60°	148.1	159.5	178.0	209.1	245.0	280.8	304.0
62.5°	125.6	133.1	145.3	168.2	196.1	224.1	245.7
65°	108.3	111.5	118.1	132.3	153.6	174.9	193.4
67.5°	91.4	93.3	98.5	107.1	117.8	133.1	145.3
70°	78.8	78.8	79.2	84.3	89.8	99.6	108.3
72.5°	68.5	67.3	65.0	66.2	67.3	72.9	78.4
75°	60.3	57.5	53.6	52.0	51.2	52.0	55.1
77.5°	53.2	49.2	44.5	40.6	37.4	36.2	39.0
80°	47.3	42.5	37.0	31.9	26.8	24.0	25.2
82.5°	42.5	36.6	30.7	24.8	18.9	15.0	15.0
85°	37.4	31.9	25.6	19.3	13.4	8.3	7.5
87.5°	33.9	28.0	21.3	15.4	9.5	4.3	2.4
90°	30.3	24.4	18.1	12.2	6.7	2.0	0.0
92.5°	27.2	21.7	15.8	9.8	4.7	1.2	0.0
95°	24.4	19.3	13.4	8.3	3.9	0.8	0.4
97.5°	21.7	16.9	11.8	6.7	2.8	0.8	0.4
100°	19.7	15.0	10.2	5.5	2.4	0.4	0.4
102.5°	17.3	13.4	8.7	4.7	2.0	0.4	0.4
105°	15.4	11.8	7.5	3.9	1.6	0.4	0.4
107.5°	13.8	10.2	6.7	3.5	1.6	0.4	0.4
110°	12.2	9.1	5.9	3.2	1.2	0.4	0.4



TEST NUMBER: P290174

CATALOG NUMBER: 4SSRK-LC-20-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	11.0	7.9	5.1	2.8	0.8	0.4	0.4
115°	9.5	7.1	4.3	2.4	0.8	0.4	0.4
117.5°	8.3	5.9	3.9	2.0	0.8	0.4	0.4
120°	7.1	5.1	3.2	1.6	0.4	0.4	0.4
122.5°	6.3	4.3	2.8	1.6	0.4	0.4	0.4
125°	5.5	3.9	2.4	1.2	0.4	0.4	0.4
127.5°	4.7	3.2	2.0	0.8	0.4	0.4	0.4
130°	3.9	2.8	1.6	0.8	0.4	0.4	0.4
132.5°	3.2	2.4	1.6	0.8	0.4	0.4	0.4
135°	2.8	2.0	1.2	0.8	0.4	0.4	0.4
137.5°	2.4	1.6	0.8	0.8	0.8	0.4	0.4
140°	2.0	1.2	0.8	0.8	0.8	0.8	0.4
142.5°	1.6	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)