

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: P290177

Luminaire Tested: **4SSRK-LC-20-L835-CD1-U**

Issue Date: 3/3/2020

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

Test Information

Test Method: LM-79-08
Report Number: P290177
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-L835-CD1-U
Description: 2000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2112.7 lumens
Efficiency: N/A
Efficacy: 154.2 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

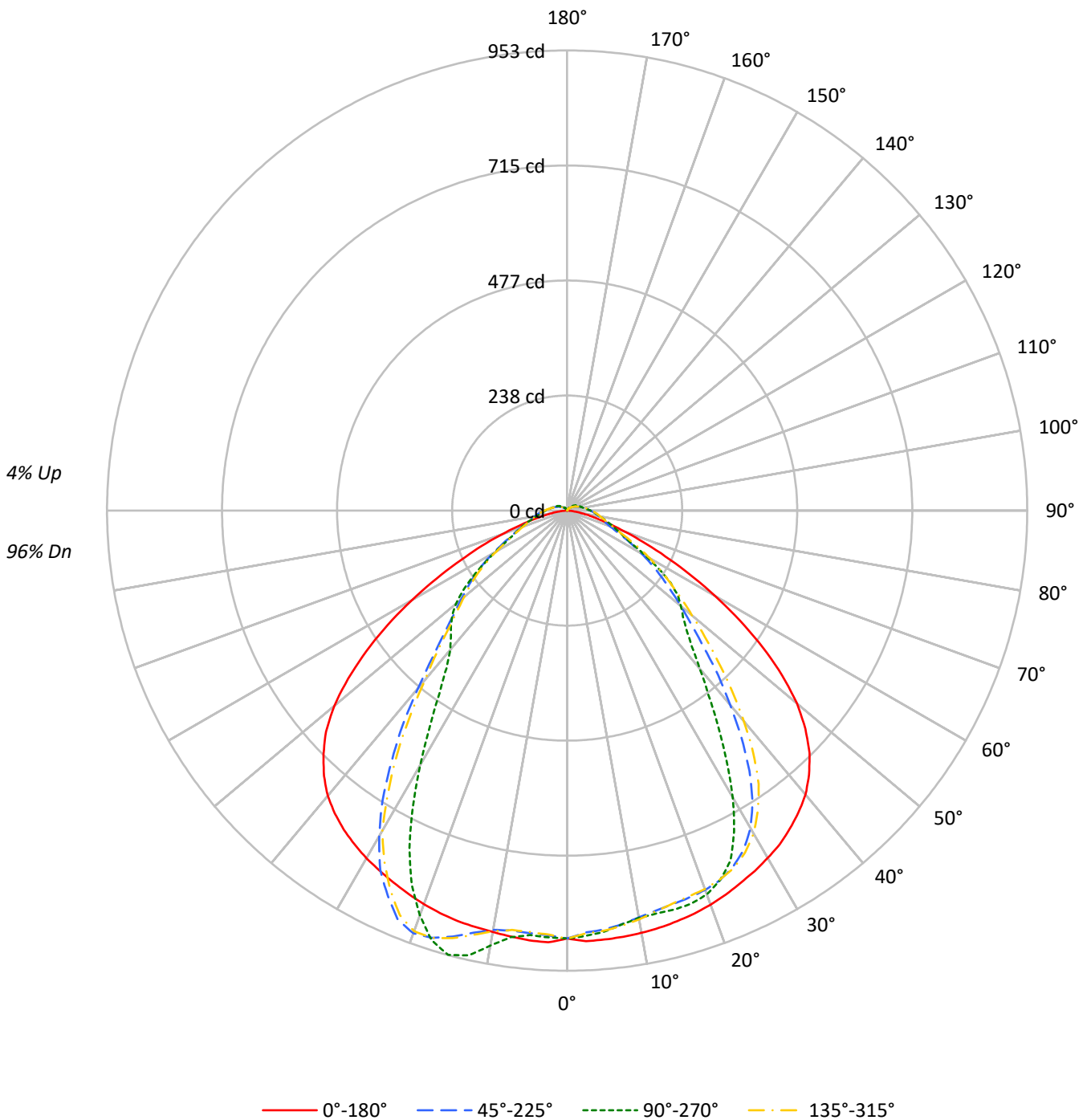
Input Watts (W): 13.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96				
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82				
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71				
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61				
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54				
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47				
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42				
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38				
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34				
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31				
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	57233	57233	57233	57233
5°	57599	42054	57715	42381
10°	57810	32938	57692	35172
15°	58208	27609	58175	30742
20°	58792	23673	58724	24954
25°	59451	19901	59416	19227
30°	60501	15463	60537	13698
35°	61614	11299	61791	9563
40°	62569	8265	62829	7282
45°	62253	6381	62569	6213
50°	59461	5359	60294	5239
55°	52637	4391	53944	3992
60°	42575	3058	44840	2804
65°	31535	2117	33976	2009
70°	21331	1644	24042	1572
75°	13842	1319	16110	1247
80°	8814	1079	10319	992
85°	4367	922	5722	842



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	4.0
10°-20°	250.5	11.9
20°-30°	380.8	18.0
30°-40°	408.5	19.3
40°-50°	354.5	16.8
50°-60°	262.7	12.4
60°-70°	150.5	7.1
70°-80°	83.4	3.9
80°-90°	50.8	2.4
90°-100°	33.0	1.6
100°-110°	22.1	1.0
110°-120°	14.9	0.7
120°-130°	9.2	0.4
130°-140°	4.8	0.2
140°-150°	2.2	0.1
150°-160°	0.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	715.4	33.9
0°-40°	1123.9	53.2
0°-60°	1741.2	82.4
0°-90°	2025.8	95.9
90°-120°	70.1	3.3
90°-150°	86.2	4.1
90°-180°	87.0	4.1
0°-180°	2112.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	886	886	886	886	886	
5°	892	876	894	882	892	85
15°	880	856	880	953	880	249
25°	850	800	850	773	850	393
35°	804	545	807	461	804	503
45°	710	349	714	340	710	544
55°	495	262	508	238	495	439
65°	225	133	242	126	225	227
75°	64	84	75	80	64	73
85°	9	58	11	53	9	11
90°	0	48	1	45	0	0
95°	0	40	0	38	0	0
105°	0	30	0	28	0	1
115°	0	24	0	22	0	0
125°	0	18	0	15	0	0
135°	0	11	0	10	0	0
145°	0	7	1	6	0	0
155°	1	3	1	3	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°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	892.6	890.3	889.4	887.6	889.0	894.5	890.8	884.8	885.3	874.8	880.3
5°	891.7	889.0	887.6	885.8	886.7	891.7	888.0	882.1	881.6	871.1	876.1
7.5°	890.3	887.6	885.3	883.9	884.4	888.5	883.9	877.1	875.7	864.2	868.8
10°	888.0	886.2	883.0	880.7	880.3	884.8	877.5	870.6	867.4	855.5	860.1
12.5°	884.8	882.1	878.9	874.8	874.3	877.1	871.1	861.5	858.3	848.7	853.7
15°	880.3	877.1	873.4	868.8	866.5	868.4	861.0	852.3	851.9	843.6	850.5
17.5°	875.2	870.6	866.5	860.1	856.9	858.3	852.3	844.6	845.5	840.4	848.2
20°	868.4	863.3	856.9	850.5	845.9	848.2	844.1	838.1	839.5	835.9	842.7
22.5°	860.6	853.7	845.9	838.6	834.9	838.1	834.9	829.9	830.4	828.1	832.2
25°	850.5	842.7	833.6	824.4	822.6	824.9	823.0	818.9	817.1	813.4	815.3
27.5°	841.4	832.7	821.2	811.6	808.4	813.0	808.9	802.0	796.9	791.9	788.3
30°	830.8	820.3	807.5	796.5	793.7	795.6	789.6	779.1	765.8	759.4	749.3
32.5°	819.4	805.6	789.6	777.3	775.4	774.1	763.1	748.0	727.4	714.6	699.0
35°	804.3	789.2	769.9	754.8	752.1	744.3	726.5	706.3	679.8	657.8	631.2
37.5°	787.3	769.5	749.3	729.2	721.4	705.9	680.7	659.6	619.3	592.8	560.7
40°	768.1	746.6	721.9	697.6	684.8	659.6	630.8	599.7	560.7	525.0	498.0
42.5°	741.6	718.7	689.4	662.4	640.4	607.0	573.1	529.2	493.5	463.2	435.8
45°	710.0	682.5	648.6	616.1	588.2	548.4	508.6	464.6	434.9	399.6	380.9
47.5°	669.2	639.5	603.3	567.2	530.5	486.6	444.9	402.8	373.1	347.9	334.2
50°	621.2	593.7	553.9	510.9	470.6	424.8	383.1	351.6	322.7	307.2	296.6
52.5°	561.7	536.0	495.3	448.6	409.7	364.8	326.8	301.2	280.6	269.2	265.5
55°	495.3	472.9	432.6	389.1	349.3	308.1	279.2	256.8	243.5	236.7	237.1
57.5°	424.3	406.9	368.9	330.0	292.5	261.4	235.3	217.4	207.4	206.9	208.3
60°	353.4	340.6	307.6	274.2	241.2	216.1	196.8	184.5	178.1	178.5	178.1
62.5°	285.6	273.7	249.9	222.5	196.4	179.4	162.0	157.0	151.5	151.1	151.1
65°	224.8	215.6	196.4	176.7	157.0	146.0	137.3	131.4	127.3	126.3	126.8
67.5°	168.9	165.2	152.0	138.7	126.3	119.5	112.1	110.8	107.6	107.6	108.5
70°	125.9	123.1	115.8	108.0	103.0	98.4	94.8	94.8	94.3	93.8	96.1
72.5°	91.1	91.6	89.3	83.3	82.9	81.9	81.0	82.4	82.9	84.2	87.0
75°	64.1	65.5	65.5	64.5	66.4	68.7	70.0	72.3	75.1	76.9	80.1
77.5°	45.3	45.3	47.6	50.4	54.0	58.1	61.8	65.0	68.7	71.0	73.7
80°	29.3	30.7	34.3	39.4	44.4	49.9	54.9	59.1	62.7	66.4	68.2
82.5°	17.4	19.7	24.3	30.7	37.1	43.9	49.0	54.0	58.1	61.8	63.2
85°	8.7	11.9	17.4	24.3	31.1	38.5	44.9	49.4	54.0	57.2	59.1
87.5°	2.7	6.4	12.4	18.8	26.1	33.4	40.3	45.3	49.4	52.2	54.0
90°	0.0	3.2	8.7	15.6	22.4	29.8	36.2	41.7	45.8	48.1	49.4
92.5°	0.0	1.8	6.9	12.8	19.2	26.5	33.0	38.0	41.7	43.9	44.9
95°	0.5	1.4	5.0	10.5	16.9	23.8	29.8	34.3	38.0	40.3	40.7
97.5°	0.5	0.9	4.1	8.7	14.6	21.1	27.0	31.6	34.3	36.6	37.1
100°	0.5	0.9	3.2	7.8	12.8	18.8	24.3	28.4	31.6	33.4	33.9
102.5°	0.5	0.5	2.7	6.4	11.4	16.5	21.5	25.6	28.4	30.2	31.1
105°	0.5	0.5	2.3	5.5	10.1	14.6	19.2	23.3	25.6	27.5	28.4
107.5°	0.5	0.5	1.8	4.6	8.7	12.8	17.4	20.6	23.3	25.2	26.1
110°	0.5	0.5	1.4	4.1	7.3	11.4	15.1	18.3	21.1	22.9	23.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	0.5	1.4	3.7	6.4	10.1	13.3	16.5	18.8	20.6	22.0
115°	0.5	0.5	1.4	3.2	6.0	8.7	11.9	14.6	16.9	18.8	20.1
117.5°	0.5	0.5	1.4	2.7	5.0	7.8	10.5	13.3	15.1	16.9	18.3
120°	0.5	0.5	0.9	2.3	4.6	6.9	9.2	11.4	13.7	15.6	16.9
122.5°	0.5	0.5	0.9	2.3	3.7	6.0	8.2	10.1	12.4	13.7	15.1
125°	0.5	0.5	0.9	1.8	3.2	5.5	7.3	9.2	10.5	12.4	13.7
127.5°	0.5	0.5	0.9	1.8	2.7	4.6	6.4	8.2	9.6	11.0	11.9
130°	0.5	0.5	0.9	1.4	2.3	3.7	5.5	6.9	8.7	9.6	10.5
132.5°	0.5	0.5	0.5	1.4	1.8	2.7	4.1	6.0	7.3	8.7	9.2
135°	0.5	0.5	0.5	0.9	1.8	2.3	3.2	4.6	6.0	7.3	8.2
137.5°	0.5	0.5	0.5	0.9	1.4	2.3	2.7	3.7	5.0	6.0	7.3
140°	0.5	0.5	0.5	0.9	1.4	1.8	2.3	3.2	4.1	5.0	6.0
142.5°	0.5	0.5	0.5	0.9	0.9	1.4	1.8	2.7	3.2	4.1	5.0
145°	0.5	0.5	0.5	0.9	0.9	1.4	1.8	2.3	2.7	3.2	4.1
147.5°	0.5	0.5	0.5	0.9	0.9	0.9	1.4	1.8	2.3	2.7	3.2
150°	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.8	2.3	2.7
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.4	1.8	2.3
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.8	1.8
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	878.4	879.3	884.8	884.4	883.5	882.5	882.5	881.6	882.5	884.8	883.9
5°	873.9	875.2	879.3	878.9	878.0	877.5	877.1	875.7	876.6	879.8	878.9
7.5°	865.6	867.0	870.6	868.8	867.4	868.4	866.1	864.7	866.5	869.7	869.3
10°	856.9	857.8	862.4	861.5	859.2	859.7	857.4	856.5	858.7	860.6	861.0
12.5°	851.0	854.2	858.3	857.8	857.4	857.8	855.5	854.6	856.0	857.8	857.4
15°	849.6	853.7	858.3	858.3	858.7	859.2	856.9	855.5	856.9	858.3	857.8
17.5°	848.2	853.3	857.4	856.9	857.4	858.3	854.6	853.7	855.5	857.4	856.5
20°	843.6	848.2	851.0	850.0	850.0	850.5	845.9	845.9	848.7	850.0	850.5
22.5°	830.8	836.3	836.3	834.0	834.0	832.2	830.8	828.1	831.3	833.6	835.4
25°	811.6	813.9	811.1	806.1	803.4	801.1	794.7	800.2	800.2	807.0	809.3
27.5°	784.6	779.6	771.8	761.2	759.0	751.6	747.5	748.9	751.2	760.8	768.1
30°	740.2	725.1	711.8	707.2	697.2	689.8	682.5	686.2	690.3	695.8	710.9
32.5°	681.6	666.9	645.4	637.7	627.1	618.0	609.3	614.8	622.1	625.7	642.2
35°	614.3	596.9	577.2	564.0	553.0	547.9	536.9	544.7	552.5	555.3	569.4
37.5°	542.9	525.0	507.6	496.2	485.7	482.5	475.1	480.6	486.6	490.7	502.6
40°	475.1	458.7	445.4	437.6	430.3	427.5	424.8	427.1	431.7	434.9	444.0
42.5°	417.0	403.7	394.6	390.0	385.0	381.3	381.8	382.7	385.0	391.8	396.0
45°	366.2	358.4	352.5	351.6	348.4	347.9	347.4	349.3	350.6	354.8	358.0
47.5°	325.5	322.3	320.9	322.7	324.1	322.3	323.2	325.5	328.2	328.2	327.8
50°	293.4	294.3	296.2	300.3	303.0	303.9	304.9	307.6	308.1	309.0	307.6
52.5°	267.3	268.2	273.3	279.7	282.9	284.3	286.1	288.8	288.8	289.8	287.9
55°	240.8	242.2	247.2	253.6	256.3	258.2	260.0	261.8	263.2	265.0	263.7
57.5°	211.5	215.6	218.8	220.6	222.5	223.8	225.2	225.7	228.4	228.9	231.2
60°	180.4	181.3	184.5	184.0	182.6	186.3	184.5	187.7	190.9	195.0	195.5
62.5°	150.6	151.1	153.3	152.4	154.3	153.8	155.2	155.2	157.5	159.3	161.6
65°	127.3	127.7	129.5	129.5	129.1	130.5	131.8	132.7	132.7	134.1	136.0
67.5°	109.9	111.2	113.1	114.0	114.9	114.9	116.3	116.7	117.6	118.1	119.0
70°	98.0	99.8	101.6	102.5	103.0	103.9	104.4	104.4	105.3	105.7	106.7
72.5°	89.3	91.1	92.5	92.5	93.4	93.8	93.8	94.3	94.8	95.7	96.6
75°	81.9	83.3	84.2	83.8	83.8	83.8	84.2	84.2	85.1	86.1	87.0
77.5°	75.1	76.4	76.4	75.5	75.5	75.5	75.5	76.0	76.4	77.4	78.3
80°	70.0	70.0	69.6	69.6	68.7	68.2	68.2	68.7	68.7	69.6	71.0
82.5°	64.5	64.5	64.1	63.6	63.2	62.7	62.7	63.2	63.6	64.1	65.0
85°	59.5	59.5	58.6	58.6	58.1	58.1	58.1	58.1	58.6	59.1	60.0
87.5°	54.5	54.0	53.6	53.1	53.1	53.1	53.1	53.1	53.6	54.5	54.9
90°	49.4	49.0	48.5	48.5	48.1	48.1	48.5	48.5	49.0	49.4	49.9
92.5°	44.9	44.4	43.9	43.9	43.5	43.5	43.9	43.5	44.4	44.4	44.9
95°	40.7	40.3	39.8	39.8	39.8	39.8	39.8	39.8	40.3	40.3	40.7
97.5°	37.1	36.6	36.2	36.2	36.6	36.2	36.6	36.6	36.6	37.1	37.5
100°	33.9	33.4	33.4	33.9	33.4	33.4	33.9	33.9	33.9	33.9	34.3
102.5°	31.1	31.1	31.1	31.1	31.1	31.1	31.6	31.6	31.6	31.6	32.0
105°	28.4	28.8	28.8	28.8	29.3	29.3	29.3	29.8	29.8	29.8	29.8
107.5°	26.5	27.0	27.0	27.5	27.5	27.9	27.9	27.9	27.9	28.4	28.4
110°	24.7	25.2	25.6	26.1	26.1	26.5	26.5	26.5	26.5	26.5	26.5



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	22.9	23.3	23.8	24.7	25.2	25.2	25.2	25.2	25.6	25.6	25.2
115°	21.1	22.0	22.4	23.3	23.8	23.8	24.3	24.3	24.3	24.3	23.8
117.5°	19.2	20.6	21.1	22.0	22.4	22.4	22.9	22.9	22.9	22.9	22.4
120°	17.9	18.8	19.7	20.1	20.6	21.1	21.1	21.5	21.5	21.5	21.1
122.5°	16.5	17.4	18.3	18.8	19.2	19.7	19.7	19.7	19.7	19.7	19.7
125°	14.6	15.6	16.5	16.9	17.4	17.9	17.9	18.3	18.3	18.3	17.9
127.5°	13.3	14.2	14.6	15.6	16.0	16.0	16.5	16.5	16.5	16.5	16.0
130°	11.4	12.4	13.3	13.7	14.2	14.2	14.6	14.6	14.6	14.6	14.6
132.5°	10.1	11.0	11.4	12.4	12.4	12.8	12.8	13.3	13.3	13.3	12.8
135°	9.2	9.6	10.1	11.0	11.0	11.4	11.4	11.4	11.4	11.4	11.4
137.5°	8.2	8.7	9.2	9.6	9.6	10.1	10.1	10.1	10.1	10.5	10.1
140°	6.9	7.8	8.2	8.2	8.7	8.7	8.7	9.2	9.2	9.2	8.7
142.5°	6.0	6.4	6.9	7.3	7.8	7.8	7.8	7.8	8.2	7.8	7.8
145°	4.6	5.5	6.0	6.4	6.9	6.9	6.9	6.9	6.9	6.9	6.9
147.5°	3.7	4.1	5.0	5.5	5.5	6.0	6.0	6.0	6.0	6.0	6.0
150°	3.2	3.2	4.1	4.6	5.0	5.0	5.0	5.0	5.0	5.0	5.0
152.5°	2.3	2.7	3.2	3.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1
155°	2.3	2.3	2.7	2.7	3.2	3.2	3.2	3.2	3.7	3.2	3.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	882.5	882.1	883.9	882.1	872.9	876.6	875.2	880.3	880.7	882.1	886.7
5°	878.0	878.0	880.3	878.4	869.7	873.4	872.9	878.0	878.9	879.8	884.8
7.5°	868.8	869.3	872.5	871.1	862.0	867.4	867.0	872.9	874.8	876.6	881.2
10°	860.1	859.7	863.3	862.0	853.3	859.7	859.2	865.2	867.9	871.1	876.6
12.5°	855.5	854.2	855.5	854.2	844.6	849.6	850.0	856.9	860.1	864.2	870.6
15°	855.5	853.3	853.3	850.5	839.5	842.7	843.2	847.8	851.9	856.0	863.8
17.5°	854.6	852.3	851.9	849.6	837.7	837.7	837.2	840.4	842.7	846.8	855.1
20°	849.6	848.7	848.2	846.8	835.9	834.0	833.1	833.1	834.5	835.9	844.1
22.5°	836.3	837.2	838.1	839.1	830.4	827.2	827.6	826.7	825.3	825.3	832.2
25°	811.6	816.2	819.8	824.0	818.9	816.6	819.4	818.0	815.7	813.9	819.8
27.5°	772.2	781.8	789.6	799.7	800.2	798.3	805.6	804.7	804.3	801.5	806.1
30°	717.8	732.9	743.4	758.0	770.4	772.2	784.6	786.4	788.3	786.9	791.5
32.5°	651.8	672.4	690.3	713.2	725.1	735.6	753.0	760.3	767.7	769.9	775.0
35°	580.0	603.3	624.4	649.6	668.3	691.2	712.3	723.3	739.7	746.1	753.5
37.5°	511.8	533.7	554.3	579.5	609.7	633.5	659.6	684.3	706.8	715.9	726.9
40°	451.3	469.2	488.9	510.9	538.3	569.4	597.8	632.2	658.7	677.0	693.0
42.5°	405.6	414.3	431.2	450.9	472.9	504.4	533.3	571.7	603.8	629.9	656.4
45°	364.8	368.9	381.3	391.8	414.3	442.2	472.9	510.4	543.8	577.2	609.3
47.5°	330.0	335.1	341.0	347.4	363.5	386.8	413.4	447.2	480.6	519.6	556.2
50°	306.7	308.1	309.0	311.7	321.3	337.4	358.9	387.7	419.8	461.4	500.3
52.5°	286.1	286.1	283.3	282.0	285.6	295.7	308.1	328.7	361.6	400.1	441.3
55°	264.1	260.0	259.1	254.5	255.4	260.0	266.0	282.0	309.0	341.9	381.8
57.5°	233.5	231.6	231.6	229.8	226.1	228.4	229.8	241.2	260.5	288.8	323.6
60°	198.2	197.3	199.6	200.0	196.8	198.2	197.7	204.6	218.3	241.2	270.1
62.5°	163.0	167.1	167.5	169.4	167.5	167.1	169.4	175.3	182.2	199.6	222.0
65°	136.9	139.2	139.6	141.9	141.0	141.0	142.8	147.4	151.5	163.4	180.8
67.5°	119.9	119.0	119.5	120.8	119.5	119.0	120.4	123.1	126.3	133.7	146.0
70°	106.7	105.7	105.7	105.7	103.9	102.5	103.0	103.9	105.3	109.4	117.2
72.5°	96.6	96.6	95.2	93.8	92.5	91.6	90.6	89.7	89.3	90.6	94.8
75°	87.4	87.9	87.4	86.1	84.2	82.4	80.6	78.7	76.4	75.5	76.0
77.5°	79.2	79.6	80.1	79.6	77.8	75.5	72.8	70.0	66.8	63.6	61.8
80°	71.9	72.8	73.2	72.8	71.4	69.6	66.4	63.2	58.6	54.5	49.9
82.5°	65.5	66.8	67.3	67.3	66.4	64.5	60.9	57.2	52.2	46.7	40.7
85°	60.4	61.3	62.3	62.3	61.8	60.0	56.3	52.2	47.1	40.7	34.3
87.5°	55.4	55.8	56.8	57.7	56.8	54.9	51.7	47.1	42.1	35.7	28.4
90°	50.4	50.8	51.7	52.6	52.2	50.4	47.6	43.5	38.0	31.1	23.8
92.5°	45.3	46.2	46.7	47.1	47.6	46.2	43.9	39.8	34.3	27.5	20.6
95°	41.7	41.7	42.6	43.0	43.5	42.1	40.3	36.2	31.1	24.7	17.9
97.5°	38.0	38.0	38.9	38.9	39.4	38.5	36.6	33.0	27.9	22.0	15.1
100°	34.3	34.8	35.2	35.7	35.7	35.2	33.4	29.8	25.2	19.7	13.3
102.5°	32.0	32.0	32.5	32.5	33.0	32.0	30.2	27.0	22.4	17.4	11.4
105°	29.8	29.8	30.2	30.2	29.8	28.8	27.0	24.3	20.1	15.1	10.1
107.5°	27.9	27.9	27.9	27.9	27.5	26.5	24.7	21.5	17.9	13.7	9.2
110°	26.5	26.1	26.1	25.6	25.2	23.8	22.0	19.2	16.0	11.9	7.8



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	25.2	24.7	24.3	23.8	22.9	21.5	19.7	17.4	14.2	10.5	6.9
115°	23.8	23.3	22.9	22.0	21.1	19.7	17.9	15.6	12.4	9.2	6.0
117.5°	22.4	22.0	21.1	20.1	19.2	17.9	16.0	13.7	11.0	8.2	5.5
120°	20.6	20.1	19.7	18.8	17.9	16.0	14.2	12.4	9.6	7.3	4.6
122.5°	19.2	18.8	17.9	17.4	16.0	14.6	12.8	11.0	8.7	6.4	4.1
125°	17.4	16.9	16.5	15.6	14.6	12.8	11.4	9.6	7.8	5.5	3.2
127.5°	16.0	15.6	14.6	13.7	12.8	11.4	10.1	8.7	6.9	4.6	3.2
130°	14.2	13.7	13.3	12.4	11.4	10.1	9.2	7.3	6.0	4.1	2.7
132.5°	12.4	12.4	11.9	11.0	10.1	9.2	7.8	6.4	5.0	3.7	2.3
135°	11.4	11.0	10.5	9.6	9.2	7.8	6.9	5.5	4.1	3.2	1.8
137.5°	10.1	9.6	9.2	8.7	7.8	6.9	6.0	4.6	3.7	2.7	1.8
140°	8.7	8.2	8.2	7.3	6.9	6.0	5.0	4.1	3.2	2.3	1.4
142.5°	7.8	7.3	6.9	6.4	6.0	5.0	4.1	3.2	2.7	1.8	1.4
145°	6.9	6.4	6.0	5.5	5.0	4.1	3.7	2.7	2.3	1.8	1.4
147.5°	5.5	5.5	5.0	4.6	4.1	3.7	3.2	2.7	1.8	1.4	0.9
150°	4.6	4.6	4.1	3.7	3.7	3.2	2.7	2.3	1.8	1.4	0.9
152.5°	4.1	3.7	3.7	3.2	3.2	2.7	2.3	1.8	1.4	1.4	0.9
155°	3.2	3.2	3.2	2.7	2.7	2.3	1.8	1.8	1.4	0.9	0.9
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: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	887.6	882.1	886.7	894.9	894.0	893.1	892.2	894.0	899.9	896.7	891.7
5°	886.2	880.7	885.8	893.5	893.1	891.7	890.8	892.6	898.6	895.4	889.9
7.5°	883.5	878.4	882.1	889.9	889.9	889.0	888.0	889.9	895.4	892.6	887.1
10°	878.9	875.2	878.9	886.2	886.7	884.8	883.9	886.2	891.7	890.3	885.8
12.5°	875.2	871.6	875.7	883.0	883.5	881.6	880.3	883.0	890.3	891.2	889.9
15°	870.2	867.0	872.0	879.8	879.8	878.4	878.4	882.1	892.2	896.3	898.6
17.5°	862.9	860.6	866.5	874.3	874.8	873.9	874.3	881.6	894.9	905.0	911.4
20°	853.7	852.8	859.2	867.4	868.8	869.3	871.6	882.5	900.9	914.6	921.0
22.5°	842.7	843.2	850.5	859.2	861.0	862.4	867.0	882.5	905.4	920.1	922.8
25°	830.4	831.7	839.5	850.0	852.3	855.1	862.9	883.0	906.8	916.4	911.8
27.5°	817.1	819.8	829.9	840.9	843.6	848.2	858.3	880.3	900.4	900.9	883.9
30°	803.4	806.6	818.5	831.3	835.9	840.4	852.8	873.9	884.8	870.2	840.4
32.5°	787.8	792.4	804.3	819.8	825.3	831.3	843.6	861.5	857.4	825.8	783.2
35°	768.1	774.5	788.3	806.6	811.6	819.4	828.1	832.2	813.9	769.0	721.0
37.5°	743.9	753.5	769.5	790.5	796.0	801.1	803.4	791.9	755.3	706.8	656.9
40°	715.9	730.6	748.0	771.3	776.8	776.8	768.6	744.3	698.1	634.4	579.1
42.5°	682.1	699.9	721.9	745.2	750.7	744.3	724.6	682.1	629.4	558.5	499.9
45°	640.9	664.7	689.4	713.6	716.4	702.2	666.9	612.9	547.9	482.0	426.2
47.5°	591.9	623.0	650.0	677.5	673.8	650.0	602.9	541.5	472.9	410.6	365.7
50°	536.9	573.6	603.8	629.9	622.1	589.1	533.7	469.7	401.5	348.4	311.3
52.5°	478.4	520.5	550.7	571.7	561.2	521.8	461.0	399.6	343.8	295.3	270.5
55°	417.5	460.0	491.2	507.6	493.9	451.3	391.4	335.5	282.9	251.3	236.7
57.5°	358.4	398.2	427.5	440.8	423.4	380.9	325.5	278.3	240.3	213.8	206.4
60°	301.7	334.2	362.1	372.2	353.4	314.0	266.4	228.9	201.0	182.6	179.0
62.5°	249.0	275.6	297.5	305.3	287.0	256.3	215.1	187.2	167.5	158.4	153.8
65°	205.5	221.1	243.5	242.2	231.2	202.8	172.6	152.9	140.1	134.1	131.4
67.5°	161.6	175.8	190.0	191.8	178.1	158.4	138.7	124.5	117.6	114.4	113.1
70°	125.0	135.5	144.2	141.9	134.6	122.2	109.9	102.1	99.3	98.0	98.0
72.5°	97.0	102.5	106.7	103.9	99.3	92.9	87.0	83.8	84.2	85.1	86.1
75°	75.1	76.4	77.4	74.6	73.7	69.6	69.1	69.6	72.3	75.1	76.4
77.5°	57.7	55.8	54.5	51.7	52.2	51.7	54.0	57.7	61.8	65.9	69.6
80°	44.4	40.3	37.1	34.3	35.7	38.0	42.6	48.1	53.6	58.1	62.7
82.5°	34.3	28.4	23.8	21.1	23.8	27.5	33.4	40.3	46.7	51.7	56.8
85°	26.5	19.7	14.2	11.4	14.2	19.7	26.1	33.9	40.7	46.2	51.3
87.5°	20.6	14.2	7.8	4.6	7.8	13.7	21.1	28.4	35.2	41.7	46.7
90°	16.5	9.6	3.7	0.9	4.1	9.6	16.5	23.8	30.7	37.5	42.6
92.5°	13.3	6.9	1.8	0.0	2.3	7.3	13.7	20.6	27.5	33.9	38.9
95°	11.0	5.5	1.4	0.0	1.8	5.5	11.0	17.9	24.3	30.7	34.8
97.5°	9.2	4.1	0.9	0.0	0.9	4.6	9.2	15.1	21.5	27.5	31.6
100°	7.8	3.7	0.9	0.0	0.9	3.7	7.8	13.3	18.8	24.3	28.4
102.5°	6.4	2.7	0.5	0.5	0.5	2.7	6.9	11.4	16.5	21.5	25.6
105°	6.0	2.3	0.5	0.5	0.5	2.3	6.0	10.1	14.6	19.2	22.9
107.5°	5.0	1.8	0.5	0.5	0.5	1.8	5.0	8.7	13.3	17.4	20.6
110°	4.1	1.8	0.5	0.5	0.5	1.8	4.1	7.8	11.4	15.1	18.3



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	3.7	1.4	0.5	0.5	0.5	1.4	3.7	6.9	10.1	13.7	16.5
115°	3.2	1.4	0.5	0.5	0.5	1.4	3.2	6.0	8.7	11.9	14.6
117.5°	2.7	1.4	0.5	0.5	0.5	0.9	2.7	5.0	7.8	10.5	13.3
120°	2.3	0.9	0.5	0.5	0.5	0.9	2.3	4.6	6.9	9.2	11.4
122.5°	2.3	0.9	0.5	0.5	0.5	0.9	1.8	3.7	6.0	7.8	10.1
125°	1.8	0.9	0.5	0.5	0.5	0.5	1.8	3.2	5.0	6.9	8.7
127.5°	1.8	0.9	0.5	0.5	0.5	0.5	1.4	2.7	4.1	6.0	7.8
130°	1.4	0.9	0.5	0.5	0.5	0.5	0.9	2.3	3.7	5.0	6.4
132.5°	1.4	0.9	0.5	0.5	0.5	0.5	0.9	1.8	2.7	4.1	5.5
135°	1.4	0.5	0.5	0.5	0.5	0.5	0.5	1.4	2.3	3.2	4.1
137.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.8	2.3	3.7
140°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	1.8	2.7
142.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	2.3
145°	0.9	0.5	0.5	0.9	0.9	0.5	0.5	0.9	0.9	1.4	1.8
147.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9	1.4
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	890.8	880.3	885.8	883.9	885.8	890.3	889.9	888.5	889.4	887.1	884.8
5°	889.0	878.4	883.9	881.6	883.9	888.5	887.6	886.2	887.6	884.8	882.5
7.5°	886.7	877.1	883.5	883.0	887.1	893.1	893.5	893.5	896.7	892.6	890.8
10°	886.7	881.6	890.3	893.5	904.1	911.8	912.8	914.6	920.1	919.2	914.6
12.5°	896.3	895.4	908.2	916.0	925.6	936.6	942.5	944.3	948.0	945.3	943.4
15°	908.6	913.2	927.4	936.1	946.6	954.9	956.2	957.2	959.9	955.8	952.6
17.5°	925.1	927.9	939.3	943.0	949.8	951.2	949.4	944.8	944.8	935.6	932.9
20°	932.9	931.5	936.1	930.2	927.4	919.2	911.4	902.7	902.2	892.6	891.7
22.5°	926.0	916.9	907.3	892.6	886.2	874.3	863.8	858.7	855.5	843.2	840.0
25°	901.8	879.3	865.2	847.8	832.2	818.5	808.4	797.9	787.8	777.7	773.1
27.5°	859.7	838.6	815.7	791.5	769.9	748.9	731.9	721.4	711.8	698.5	691.7
30°	807.9	778.6	753.5	730.1	694.9	669.2	655.0	634.0	626.7	620.7	607.9
32.5°	747.1	711.8	677.5	645.9	609.7	585.9	567.2	551.6	547.0	531.5	527.8
35°	679.8	633.5	594.6	563.5	537.4	508.6	493.0	482.5	473.3	462.8	461.0
37.5°	600.6	558.9	515.0	487.5	466.9	442.2	430.3	423.0	418.8	411.1	409.7
40°	520.9	479.3	449.1	421.6	408.8	395.5	386.8	383.6	381.8	379.0	376.3
42.5°	448.6	412.0	390.5	372.2	366.7	360.3	358.0	359.8	358.0	357.0	356.6
45°	387.3	359.3	344.2	338.7	337.4	335.5	337.4	340.6	341.0	340.1	340.1
47.5°	331.4	318.1	311.7	312.6	314.9	316.3	319.5	323.6	324.5	322.3	323.2
50°	294.8	287.0	285.6	289.3	294.3	296.2	299.8	303.0	302.6	301.7	300.7
52.5°	260.5	258.2	261.8	265.5	271.0	271.9	273.3	274.7	274.2	272.4	271.4
55°	231.6	233.5	236.7	238.0	242.2	241.7	242.2	242.2	240.3	239.4	238.0
57.5°	205.5	206.0	207.8	208.3	210.6	209.7	209.2	208.3	205.5	205.1	203.7
60°	179.0	178.1	182.2	179.0	180.8	179.0	178.5	176.2	173.5	173.0	172.1
62.5°	153.8	152.0	154.7	153.3	154.3	152.4	151.5	148.8	146.5	146.0	145.6
65°	131.4	130.5	133.2	132.7	133.7	131.4	130.5	128.6	126.8	126.3	125.9
67.5°	112.6	114.9	116.3	116.3	117.2	116.7	114.4	114.0	113.5	111.7	111.7
70°	98.9	100.2	103.0	103.5	103.0	103.9	102.1	101.6	101.2	100.2	99.8
72.5°	87.9	89.7	92.5	92.9	92.5	92.5	91.6	91.1	91.1	89.7	89.7
75°	79.2	81.5	83.8	83.8	83.8	82.9	81.9	81.9	81.0	80.6	79.6
77.5°	71.9	74.6	76.4	76.0	75.5	74.6	74.6	73.2	71.9	71.9	71.0
80°	66.4	68.2	69.6	69.1	68.7	67.3	66.8	65.5	64.5	63.2	63.2
82.5°	60.4	62.7	63.6	63.2	62.3	60.9	60.4	59.5	58.6	58.1	57.2
85°	55.4	57.7	58.1	57.2	56.3	55.4	54.9	54.5	54.0	53.1	53.1
87.5°	50.4	52.6	52.6	52.2	51.3	50.8	50.4	49.9	49.4	49.0	48.5
90°	46.2	48.1	48.1	47.6	47.1	46.7	46.2	45.8	45.3	44.9	44.9
92.5°	42.1	43.9	43.9	43.5	43.0	42.6	42.6	42.1	41.7	41.2	40.7
95°	38.5	40.3	40.3	40.3	39.8	39.4	39.4	38.9	38.5	38.5	38.0
97.5°	34.8	36.6	36.6	36.6	36.2	35.7	35.7	35.2	35.2	35.2	34.8
100°	31.6	33.0	33.4	33.4	33.0	33.0	33.0	32.5	32.5	32.5	32.0
102.5°	28.4	29.8	30.7	30.7	30.7	30.2	30.2	30.2	30.2	30.2	29.8
105°	25.6	27.0	27.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
107.5°	23.3	24.7	25.6	26.1	26.5	26.5	27.0	27.0	27.0	27.0	27.0
110°	21.1	22.4	23.8	24.3	24.7	25.2	25.2	25.6	25.2	25.2	25.2



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	18.8	20.6	21.5	22.4	22.9	23.3	23.8	23.8	23.8	23.8	23.8
115°	16.9	18.8	19.7	20.6	21.5	22.0	22.0	22.4	22.4	22.4	22.0
117.5°	15.1	16.9	17.9	18.8	19.2	20.1	20.6	20.6	20.6	20.6	20.1
120°	13.7	15.1	16.0	16.9	17.9	18.3	18.8	18.8	18.8	18.8	18.8
122.5°	11.9	13.3	14.6	15.6	16.0	16.5	16.9	16.9	16.9	16.9	16.9
125°	10.5	11.9	12.8	13.7	14.2	15.1	15.1	15.1	15.1	15.1	15.1
127.5°	9.2	10.5	11.4	12.4	12.8	13.3	13.7	13.7	13.7	13.7	13.7
130°	7.8	9.2	10.1	11.0	11.4	11.9	11.9	12.4	12.4	12.4	12.4
132.5°	6.9	7.8	8.7	9.6	10.1	10.5	10.5	11.0	11.0	11.0	11.0
135°	5.5	6.9	7.3	8.2	8.7	9.2	9.2	9.6	9.6	9.6	9.6
137.5°	4.6	5.5	6.4	7.3	7.8	7.8	8.2	8.2	8.7	8.7	8.7
140°	3.7	4.1	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3
142.5°	2.7	3.7	4.1	5.0	5.5	6.0	6.4	6.4	6.4	6.4	6.4
145°	2.3	2.7	3.2	4.1	4.6	5.0	5.5	5.5	5.5	5.5	5.5
147.5°	1.8	2.3	2.7	3.2	3.7	4.1	4.6	4.6	4.6	4.6	4.6
150°	1.4	1.8	2.3	2.3	2.7	3.2	3.7	4.1	4.1	4.1	4.1
152.5°	1.4	1.4	1.8	1.8	2.3	2.7	3.2	3.2	3.2	3.2	3.2
155°	0.9	1.4	1.4	1.4	1.8	1.8	2.3	2.7	2.7	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: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	886.2	888.0	887.1	885.8	885.3	887.6	885.3	874.8	878.9	879.3	882.5
5°	884.8	886.2	885.3	884.4	883.0	885.8	883.0	872.0	876.1	876.6	879.8
7.5°	894.0	894.5	894.5	892.2	888.5	889.9	886.2	873.9	876.1	876.1	878.4
10°	916.9	917.8	919.2	913.2	908.6	905.0	899.9	884.8	884.4	880.7	880.7
12.5°	946.6	944.3	942.1	939.3	935.6	931.1	923.7	905.9	899.9	894.0	888.0
15°	955.3	954.4	954.0	952.6	950.3	948.9	943.4	925.6	916.9	909.6	899.0
17.5°	932.4	934.3	940.2	940.7	943.4	948.9	948.0	935.6	927.9	924.7	911.8
20°	891.2	891.7	899.0	902.2	914.1	923.3	930.2	928.8	927.0	930.6	921.0
22.5°	841.8	845.0	852.8	857.8	869.3	879.8	890.8	896.7	906.4	921.5	919.6
25°	774.5	778.6	789.6	797.9	813.9	829.9	844.6	855.1	866.5	895.4	905.0
27.5°	694.0	700.4	714.6	722.8	745.2	761.7	782.8	803.4	819.4	852.3	872.0
30°	609.3	614.8	629.9	641.3	660.5	683.0	709.5	738.8	765.4	798.8	823.5
32.5°	530.1	536.0	548.4	558.5	580.0	598.7	628.0	664.2	688.9	735.2	768.1
35°	461.0	466.5	475.1	483.8	501.7	520.9	546.1	581.3	612.9	661.0	702.7
37.5°	412.4	413.4	418.4	423.4	436.7	451.3	471.0	502.2	531.5	583.2	629.0
40°	377.6	377.6	380.4	381.8	387.7	396.4	408.8	433.0	457.3	496.7	552.5
42.5°	356.1	355.2	355.2	355.7	355.2	359.3	366.7	378.1	399.6	432.1	475.6
45°	340.1	338.3	336.9	333.7	331.9	331.9	332.3	336.4	348.8	369.9	405.1
47.5°	322.3	321.8	319.5	315.9	312.6	310.4	306.7	305.3	309.0	320.9	344.7
50°	301.7	299.4	297.1	294.3	290.7	288.4	281.5	282.0	278.8	284.3	296.6
52.5°	271.4	269.6	268.7	266.4	265.0	264.1	258.6	253.1	251.8	252.7	257.3
55°	238.0	238.9	235.3	237.1	236.7	232.5	230.3	226.1	224.8	224.3	226.6
57.5°	203.2	204.2	201.9	203.7	203.7	201.4	200.0	200.0	196.8	194.1	197.3
60°	171.7	169.8	171.2	173.5	173.5	172.1	171.2	171.2	168.9	168.0	170.3
62.5°	146.0	144.2	145.6	147.9	148.3	147.4	146.5	146.5	143.7	143.7	145.6
65°	126.3	126.8	126.3	128.2	128.2	128.6	127.7	126.8	123.6	125.0	124.5
67.5°	112.1	111.7	111.7	113.5	113.1	114.0	113.1	111.7	109.4	107.6	107.1
70°	100.2	99.8	99.8	100.7	101.2	101.2	100.7	99.8	96.6	94.8	93.4
72.5°	89.7	89.3	89.7	90.2	90.6	91.1	90.6	89.7	87.0	84.7	82.4
75°	80.1	79.6	81.0	81.0	81.5	81.5	81.9	81.5	79.2	76.4	73.7
77.5°	70.5	71.0	72.3	72.8	73.7	74.2	74.6	74.6	72.3	70.0	66.4
80°	62.7	63.6	64.5	65.0	65.9	67.3	67.7	68.2	66.4	64.1	60.0
82.5°	57.2	57.7	58.6	59.1	60.4	60.9	61.3	62.3	61.3	59.1	54.5
85°	52.6	53.1	54.0	54.0	54.9	55.8	56.3	56.8	56.3	54.0	49.4
87.5°	48.5	49.0	49.4	49.9	50.4	50.8	51.3	51.7	51.3	49.0	44.9
90°	44.9	44.9	45.3	45.3	45.8	46.2	47.1	47.1	46.7	44.9	40.7
92.5°	40.7	41.2	41.2	41.7	42.1	42.6	43.0	43.0	42.6	40.7	37.1
95°	38.0	38.0	38.5	38.5	38.9	38.9	39.4	39.4	38.9	37.1	33.4
97.5°	34.8	34.8	34.8	34.8	35.2	35.2	35.7	35.7	35.2	33.4	30.2
100°	32.0	32.0	32.0	32.0	32.0	32.5	32.5	32.5	32.0	30.2	27.0
102.5°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	28.8	27.5	24.3
105°	28.4	28.4	28.4	27.9	27.9	27.9	27.5	27.5	26.1	24.7	22.0
107.5°	26.5	26.5	26.5	26.1	26.1	25.6	25.2	25.2	23.8	22.4	19.7
110°	25.2	25.2	25.2	24.7	24.3	23.8	23.3	22.9	21.5	19.7	17.4



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	23.8	23.8	23.3	23.3	22.9	22.4	21.5	21.1	19.7	17.9	15.6
115°	22.0	22.0	22.0	21.5	21.1	20.6	20.1	19.2	17.9	16.0	13.7
117.5°	20.1	20.1	20.1	19.7	19.2	18.8	18.3	17.4	16.0	14.2	12.4
120°	18.3	18.3	18.3	17.9	17.4	16.9	16.5	15.6	14.2	12.8	10.5
122.5°	16.9	16.9	16.5	16.0	15.6	15.1	14.6	13.7	12.8	11.0	9.2
125°	15.1	15.1	14.6	14.6	14.2	13.7	13.3	12.4	11.0	9.6	8.2
127.5°	13.7	13.3	13.3	13.3	12.8	12.4	11.4	11.0	9.6	8.2	6.9
130°	11.9	11.9	11.9	11.4	11.4	11.0	10.1	9.2	8.2	7.3	6.0
132.5°	10.5	10.5	10.5	10.5	10.1	9.6	8.7	8.2	7.3	6.0	5.0
135°	9.6	9.6	9.2	9.2	8.7	8.2	7.8	6.9	6.0	5.0	4.1
137.5°	8.2	8.2	8.2	7.8	7.8	7.3	6.4	6.0	5.5	4.6	3.7
140°	7.3	7.3	6.9	6.9	6.4	6.4	6.0	5.0	4.6	3.7	3.2
142.5°	6.4	6.4	6.0	6.0	5.5	5.5	5.0	4.6	3.7	3.2	2.3
145°	5.5	5.5	5.0	5.0	5.0	4.6	4.1	3.7	3.2	2.7	2.3
147.5°	4.6	4.6	4.6	4.1	4.1	3.7	3.7	3.2	2.7	2.3	1.8
150°	4.1	4.1	3.7	3.7	3.7	3.2	2.7	2.7	2.3	1.8	1.4
152.5°	3.2	3.2	3.2	3.2	2.7	2.7	2.3	2.3	1.8	1.4	1.4
155°	2.7	2.7	2.7	2.3	2.3	2.3	1.8	1.8	1.4	1.4	0.9
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: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	886.2	886.2	886.2	886.2	886.2	886.2	886.2
2.5°	881.2	880.7	884.8	884.4	878.9	887.1	892.6
5°	878.9	878.4	882.1	883.0	877.1	885.8	891.7
7.5°	877.1	876.6	880.7	882.1	876.1	883.9	890.3
10°	877.5	875.2	878.9	879.8	874.3	882.5	888.0
12.5°	880.7	875.2	876.6	876.6	871.6	878.9	884.8
15°	888.5	877.1	875.2	873.9	867.4	874.3	880.3
17.5°	897.2	881.6	875.2	870.6	862.9	868.8	875.2
20°	905.9	886.7	876.1	868.8	858.3	863.8	868.4
22.5°	910.0	891.2	877.1	866.1	852.8	855.5	860.6
25°	904.5	889.4	875.2	862.0	845.9	846.4	850.5
27.5°	884.4	880.3	871.1	857.8	840.4	838.1	841.4
30°	850.0	861.5	862.0	852.3	834.0	829.5	830.8
32.5°	802.0	827.6	842.7	840.9	824.9	818.5	819.4
35°	746.6	778.6	811.6	822.6	811.1	806.1	804.3
37.5°	680.2	723.3	767.2	794.2	792.4	789.2	787.3
40°	607.0	658.7	710.9	753.9	767.2	767.2	768.1
42.5°	528.7	589.1	646.3	700.8	731.9	738.8	741.6
45°	453.2	514.1	576.3	639.0	680.7	702.2	710.0
47.5°	384.5	445.9	504.9	573.6	629.0	656.9	669.2
50°	325.9	371.7	434.0	502.2	562.6	596.9	621.2
52.5°	277.4	313.1	367.6	431.2	492.1	539.2	561.7
55°	236.7	260.9	307.2	362.1	420.2	469.2	495.3
57.5°	202.3	221.6	253.1	298.9	347.9	396.4	424.3
60°	172.1	185.4	206.9	243.1	284.7	326.4	353.4
62.5°	146.0	154.7	168.9	195.5	228.0	260.5	285.6
65°	125.9	129.5	137.3	153.8	178.5	203.2	224.8
67.5°	106.2	108.5	114.4	124.5	136.9	154.7	168.9
70°	91.6	91.6	92.0	98.0	104.4	115.8	125.9
72.5°	79.6	78.3	75.5	76.9	78.3	84.7	91.1
75°	70.0	66.8	62.3	60.4	59.5	60.4	64.1
77.5°	61.8	57.2	51.7	47.1	43.5	42.1	45.3
80°	54.9	49.4	43.0	37.1	31.1	27.9	29.3
82.5°	49.4	42.6	35.7	28.8	22.0	17.4	17.4
85°	43.5	37.1	29.8	22.4	15.6	9.6	8.7
87.5°	39.4	32.5	24.7	17.9	11.0	5.0	2.7
90°	35.2	28.4	21.1	14.2	7.8	2.3	0.0
92.5°	31.6	25.2	18.3	11.4	5.5	1.4	0.0
95°	28.4	22.4	15.6	9.6	4.6	0.9	0.5
97.5°	25.2	19.7	13.7	7.8	3.2	0.9	0.5
100°	22.9	17.4	11.9	6.4	2.7	0.5	0.5
102.5°	20.1	15.6	10.1	5.5	2.3	0.5	0.5
105°	17.9	13.7	8.7	4.6	1.8	0.5	0.5
107.5°	16.0	11.9	7.8	4.1	1.8	0.5	0.5
110°	14.2	10.5	6.9	3.7	1.4	0.5	0.5



TEST NUMBER: P290177

CATALOG NUMBER: 4SSRK-LC-20-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	12.8	9.2	6.0	3.2	0.9	0.5	0.5
115°	11.0	8.2	5.0	2.7	0.9	0.5	0.5
117.5°	9.6	6.9	4.6	2.3	0.9	0.5	0.5
120°	8.2	6.0	3.7	1.8	0.5	0.5	0.5
122.5°	7.3	5.0	3.2	1.8	0.5	0.5	0.5
125°	6.4	4.6	2.7	1.4	0.5	0.5	0.5
127.5°	5.5	3.7	2.3	0.9	0.5	0.5	0.5
130°	4.6	3.2	1.8	0.9	0.5	0.5	0.5
132.5°	3.7	2.7	1.8	0.9	0.5	0.5	0.5
135°	3.2	2.3	1.4	0.9	0.5	0.5	0.5
137.5°	2.7	1.8	0.9	0.9	0.9	0.5	0.5
140°	2.3	1.4	0.9	0.9	0.9	0.9	0.5
142.5°	1.8	1.4	0.9	0.9	0.9	0.9	0.5
145°	1.4	0.9	0.9	0.9	0.9	0.9	0.5
147.5°	1.4	0.9	0.9	0.9	0.9	0.9	0.5
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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)