

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: STREETWORKS

Report Number: P559957

Luminaire Tested: **SDL-PA1-20-722-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P559957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-20-722-U-5WQ
Description: Springdale
(1) 70 CRI, 2200K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2092.9 lumens
Efficiency: N/A
Efficacy: 99.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 21
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: 24 FT

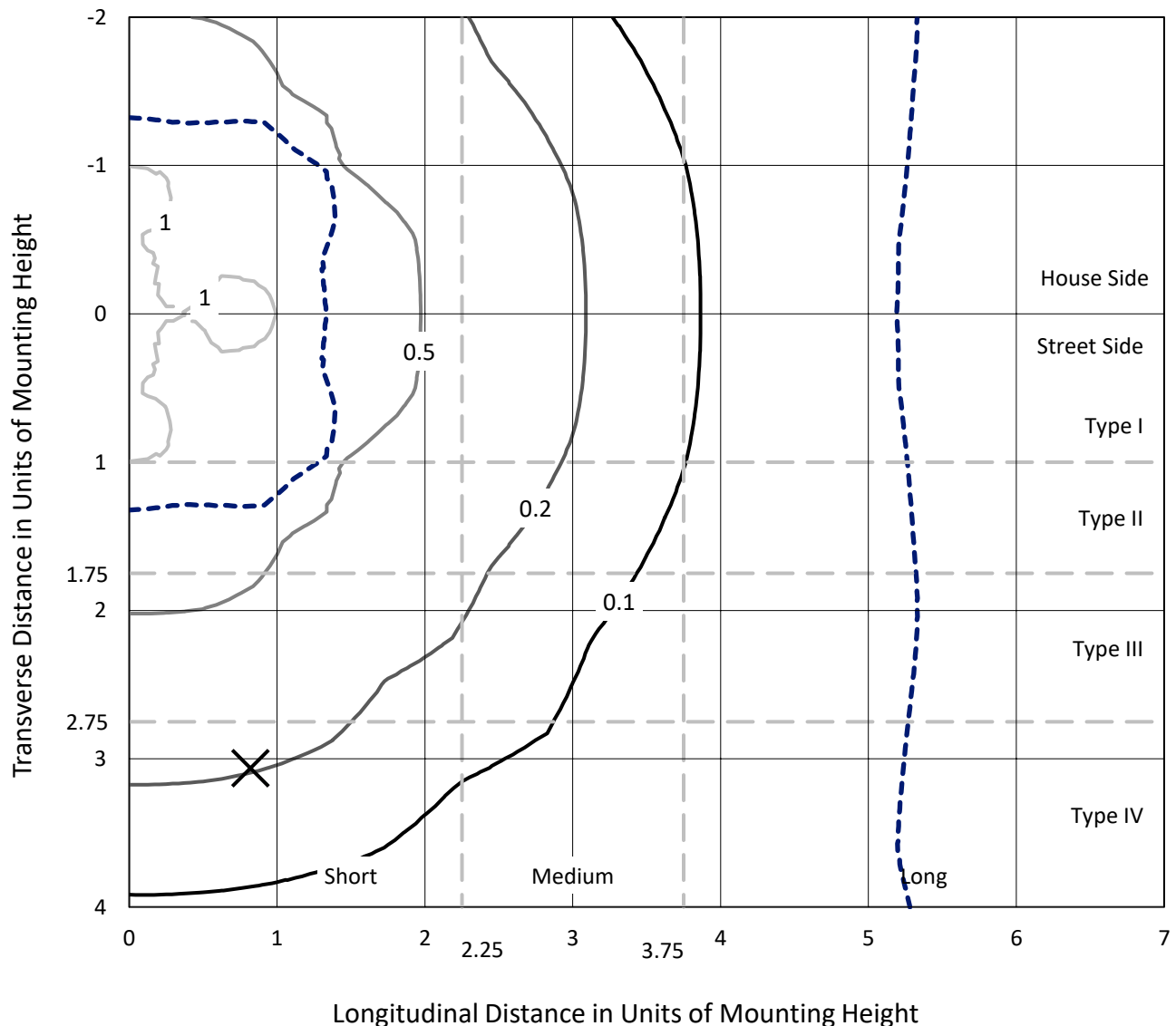


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

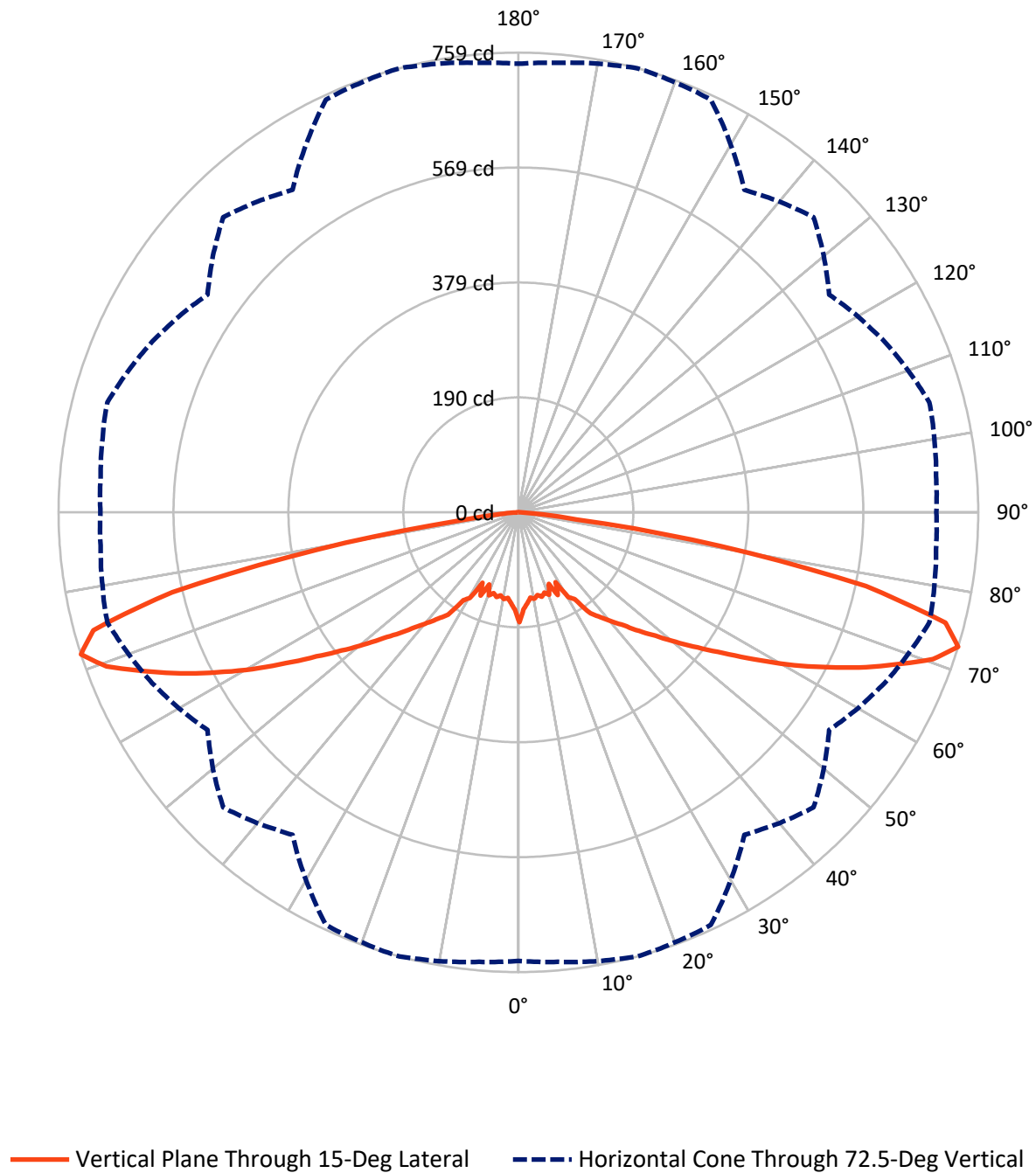


Based on 10 foot mounting height. Maximum calculated value = 1.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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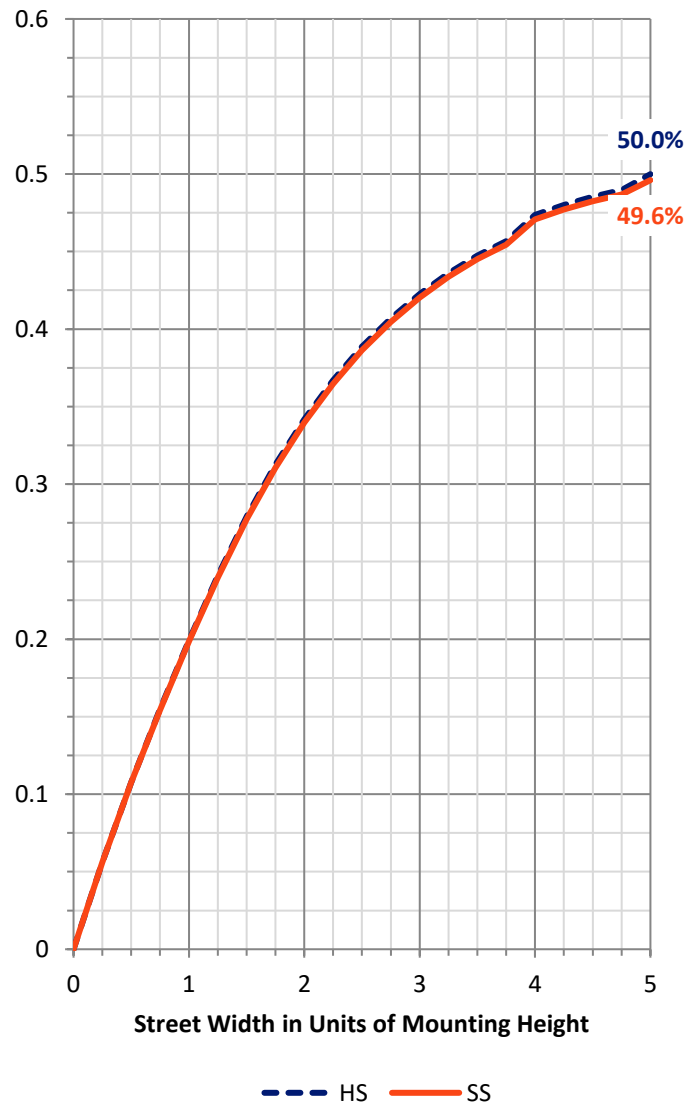
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1046.4	0.0	1046.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1046.4	0.0	1046.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	2092.9	0.0	2092.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.7
10°-20°	33.0	1.6
20°-30°	59.0	2.8
30°-40°	112.8	5.4
40°-50°	192.0	9.2
50°-60°	336.2	16.1
60°-70°	567.3	27.1
70°-80°	661.7	31.6
80°-90°	116.7	5.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2092.9	100.0
0°-180°	2092.9	100.0

Coefficient of Utilization



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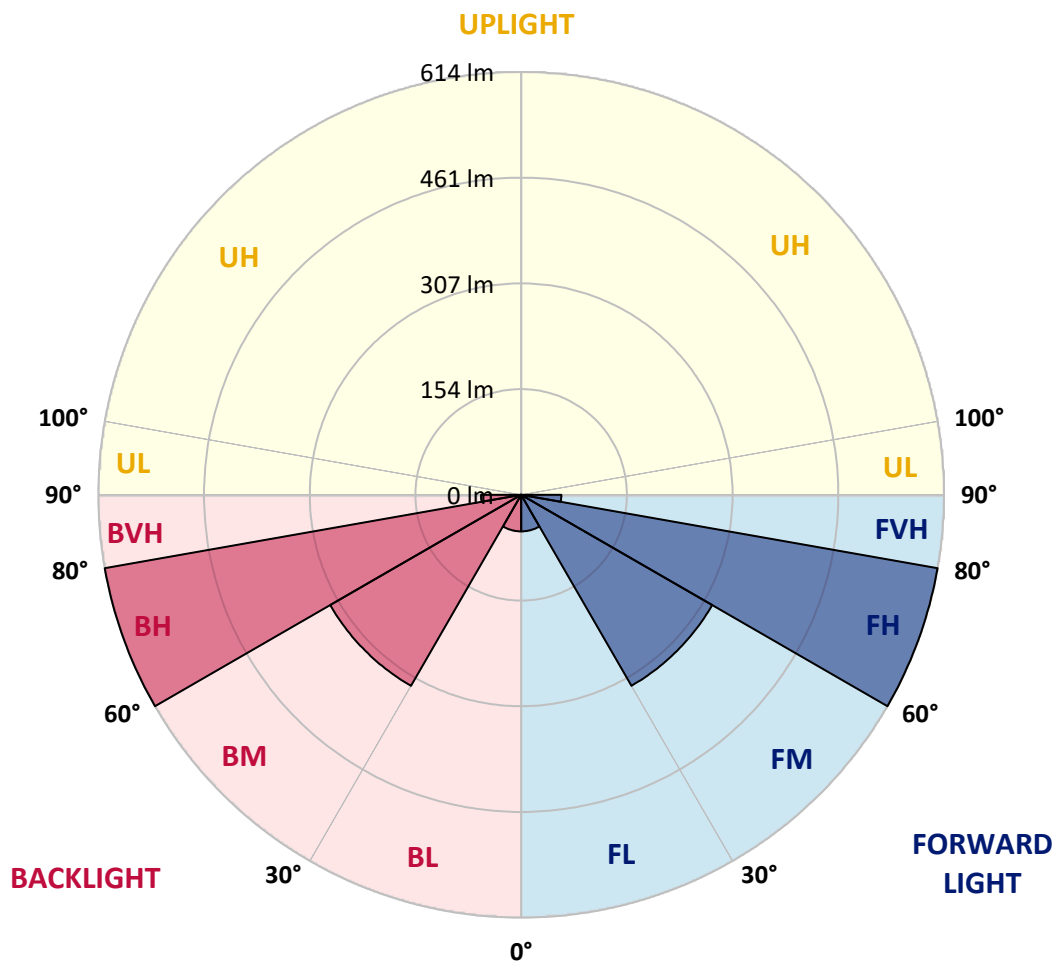
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	53.1	2.5			
FM	(30°-60°)	320.5	15.3			
FH	(60°-80°)	614.5	29.4			G0/660
FVH	(80°-90°)	58.4	2.8			G1/100
BL	(0°-30°)	53.1	2.5	B0/110		
BM	(30°-60°)	320.5	15.3	B1/1000		
BH	(60°-80°)	614.5	29.4	B2/1000		G0/660
BVH	(80°-90°)	58.4	2.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	160.6	161.3	161.3	161.3	161.3	160.6	160.6	162.8	165.0	167.2	169.4
5°	151.7	151.7	151.7	151.7	151.7	151.0	151.0	151.0	151.0	151.0	151.0
7.5°	129.6	131.1	131.9	134.8	137.0	140.0	142.2	142.9	143.6	143.6	144.4
10°	145.8	145.8	145.8	145.8	145.8	145.1	145.1	143.6	142.9	141.4	140.0
12.5°	128.2	127.4	126.7	130.4	133.3	137.0	140.0	140.7	141.4	142.2	142.9
15°	147.3	147.3	147.3	146.6	145.8	145.1	144.4	139.2	134.1	128.2	123.0
17.5°	125.2	126.0	126.0	129.6	132.6	136.3	139.2	137.7	136.3	134.1	132.6
20°	150.3	150.3	150.3	148.8	148.1	146.6	145.1	136.3	127.4	117.9	109.0
22.5°	127.4	127.4	127.4	127.4	128.2	128.2	128.2	128.9	129.6	130.4	131.1
25°	155.4	156.2	156.2	154.7	153.9	152.5	151.0	143.6	135.5	128.2	120.1
27.5°	134.1	134.1	134.1	133.3	132.6	131.1	130.4	131.9	134.1	135.5	137.0
30°	164.3	164.3	164.3	163.5	163.5	162.8	162.1	154.7	146.6	139.2	131.1
32.5°	199.6	198.9	198.1	191.5	184.9	177.5	170.9	167.2	163.5	159.1	155.4
35°	212.1	212.1	211.4	209.9	208.5	206.2	204.8	197.4	190.0	182.7	175.3
37.5°	224.7	224.7	223.9	223.2	221.7	221.0	219.5	211.4	204.0	195.9	187.8
40°	240.1	240.9	240.9	240.1	238.7	237.9	236.4	227.6	219.5	210.7	201.8
42.5°	259.3	259.3	258.5	257.8	257.1	255.6	254.9	246.8	237.9	229.8	221.0
45°	282.1	282.1	281.4	280.6	280.6	279.9	279.2	271.8	263.7	256.3	248.2
47.5°	310.1	309.4	308.6	307.9	306.4	305.7	304.2	296.1	288.7	280.6	272.5
50°	339.6	339.6	339.6	338.8	338.1	336.6	335.9	328.5	321.2	313.1	305.7
52.5°	371.2	372.0	372.0	372.0	371.2	371.2	370.5	363.1	355.8	347.7	340.3
55°	408.8	408.8	408.8	408.8	409.5	409.5	409.5	402.2	394.8	387.4	380.1
57.5°	451.5	454.5	456.7	456.7	456.7	456.7	456.7	449.3	442.0	434.6	427.2
60°	500.9	501.6	502.4	504.6	506.0	508.2	509.7	503.1	496.5	489.8	483.2
62.5°	549.5	551.0	551.7	554.7	556.9	559.8	562.0	557.6	552.4	548.0	542.9
65°	599.6	601.1	601.8	605.5	609.9	613.6	617.3	613.6	610.6	607.0	603.3
67.5°	652.6	654.1	654.8	658.5	662.9	666.6	670.3	668.8	667.4	665.9	664.4
70°	709.3	710.1	710.1	713.8	718.2	721.9	725.5	724.8	724.1	723.3	722.6
72.5°	740.3	742.5	744.7	748.4	752.1	755.0	758.7	757.2	755.0	753.5	751.3
75°	700.5	702.0	703.4	709.3	716.0	721.9	727.8	730.0	732.9	735.1	737.3
77.5°	548.8	555.4	561.3	567.9	573.8	580.4	586.3	598.9	610.6	623.2	634.9
80°	271.8	275.5	279.2	293.9	308.6	323.4	338.1	360.2	383.0	405.1	427.2
82.5°	65.6	65.6	65.6	73.7	81.0	89.1	96.5	116.4	137.0	156.9	176.8
85°	13.3	14.0	14.7	18.4	22.1	25.0	28.7	31.7	34.6	37.6	40.5
87.5°	2.2	2.2	2.2	2.2	2.9	2.9	2.9	3.7	4.4	4.4	5.2
90°	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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	170.2	171.6	172.4	173.1	173.8	174.6	175.3	176.0	176.8	176.8	177.5
5°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.7	152.5	153.2
7.5°	145.1	145.8	146.6	147.3	147.3	147.3	146.6	146.6	145.8	145.8	145.1
10°	136.3	132.6	128.2	124.5	124.5	125.2	125.2	125.2	123.0	121.5	119.3
12.5°	140.0	137.0	133.3	130.4	125.2	120.8	115.6	110.5	109.0	107.5	106.1
15°	118.6	114.9	110.5	106.1	103.9	100.9	98.7	95.8	95.0	94.3	92.8
17.5°	128.9	125.2	120.8	117.1	109.8	102.4	95.0	87.7	91.3	95.8	99.4
20°	109.8	109.8	110.5	110.5	110.5	109.8	109.8	109.0	106.8	103.9	101.6
22.5°	125.2	118.6	112.7	106.1	107.5	109.0	110.5	112.0	108.3	104.6	100.2
25°	122.3	124.5	126.0	128.2	122.3	116.4	109.8	103.9	106.8	109.8	112.7
27.5°	132.6	128.2	123.0	118.6	120.8	123.0	124.5	126.7	123.0	119.3	115.6
30°	131.9	132.6	132.6	133.3	130.4	126.7	123.7	120.1	121.5	123.7	125.2
32.5°	151.0	145.8	141.4	136.3	136.3	136.3	135.5	135.5	135.5	136.3	136.3
35°	168.7	162.8	156.2	149.5	148.1	147.3	145.8	144.4	145.8	147.3	148.8
37.5°	181.2	173.8	167.2	159.8	159.1	158.4	156.9	156.2	156.2	156.2	156.2
40°	195.2	188.6	181.9	175.3	173.8	172.4	170.2	168.7	167.9	167.2	165.7
42.5°	214.3	207.0	200.4	193.0	190.8	187.8	185.6	182.7	181.9	181.2	179.7
45°	239.4	229.8	221.0	211.4	208.5	206.2	203.3	200.4	199.6	198.1	197.4
47.5°	262.2	252.7	242.3	232.0	230.6	228.3	226.9	224.7	223.2	221.0	219.5
50°	293.2	279.9	267.4	254.1	254.1	253.4	253.4	252.7	249.7	246.8	243.8
52.5°	327.8	314.5	302.0	288.7	287.3	286.5	285.1	283.6	280.6	277.7	274.0
55°	366.8	353.6	340.3	327.0	326.3	326.3	325.6	324.8	320.4	316.0	311.6
57.5°	414.0	401.4	388.2	374.9	375.7	375.7	376.4	376.4	370.5	364.6	358.0
60°	468.5	453.7	438.3	423.5	425.8	428.7	430.9	433.1	425.8	418.4	410.3
62.5°	528.1	512.7	497.9	482.5	486.9	491.3	495.0	499.4	488.4	477.3	466.3
65°	585.6	567.9	550.2	532.6	540.7	549.5	557.6	565.7	552.4	539.2	525.9
67.5°	643.8	623.9	603.3	582.6	592.2	601.8	611.4	620.9	607.7	593.7	580.4
70°	697.6	672.5	647.5	622.4	632.0	641.6	651.1	660.7	648.2	635.7	623.2
72.5°	726.3	700.5	675.5	649.7	659.3	669.6	679.1	688.7	673.2	657.8	641.6
75°	715.2	692.4	670.3	647.5	661.5	675.5	689.5	703.4	682.8	661.5	640.8
77.5°	623.9	613.6	602.5	591.5	616.5	641.6	666.6	691.7	662.2	632.0	602.5
80°	434.6	442.7	450.1	457.4	493.5	529.6	565.0	601.1	566.4	532.6	497.9
82.5°	199.6	222.5	244.5	267.4	303.5	339.6	374.9	411.0	372.7	334.4	295.4
85°	47.9	55.2	61.9	69.2	87.7	106.1	124.5	142.9	127.4	112.0	96.5
87.5°	5.9	6.6	6.6	7.4	6.6	6.6	5.9	5.2	5.9	5.9	6.6
90°	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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	177.5	178.3	178.3	179.0	179.0	179.0	179.0	178.3	178.3	178.3	179.0
5°	153.9	157.6	160.6	164.3	167.2	168.7	170.9	172.4	173.8	174.6	174.6
7.5°	144.4	142.9	140.7	139.2	137.0	140.0	143.6	146.6	149.5	150.3	151.0
10°	117.1	116.4	114.9	114.2	112.7	113.4	114.9	115.6	116.4	120.1	124.5
12.5°	104.6	105.3	106.1	106.8	107.5	105.3	103.1	100.2	98.0	101.6	105.3
15°	92.1	92.1	92.8	92.8	92.8	95.8	98.7	101.6	104.6	109.8	115.6
17.5°	103.1	101.6	100.2	98.0	96.5	97.2	97.2	98.0	98.0	100.9	103.1
20°	98.7	96.5	95.0	92.8	90.6	94.3	98.0	101.6	105.3	111.2	117.1
22.5°	96.5	100.9	104.6	109.0	112.7	110.5	108.3	105.3	103.1	103.1	103.1
25°	115.6	112.0	108.3	104.6	100.9	107.5	113.4	120.1	126.0	130.4	134.1
27.5°	112.0	114.9	117.9	120.1	123.0	126.7	130.4	134.1	137.7	144.4	150.3
30°	126.7	130.4	134.1	137.0	140.7	150.3	159.1	168.7	177.5	181.9	186.4
32.5°	136.3	143.6	150.3	157.6	164.3	169.4	174.6	179.7	184.9	189.3	194.5
35°	150.3	156.2	161.3	167.2	172.4	178.3	184.1	189.3	195.2	199.6	204.0
37.5°	156.2	162.8	169.4	175.3	181.9	189.3	195.9	203.3	209.9	213.6	216.6
40°	165.0	173.1	181.2	189.3	197.4	204.8	212.1	219.5	226.9	229.8	232.8
42.5°	179.0	187.8	196.7	204.8	213.6	221.7	229.1	237.2	244.5	247.5	250.4
45°	195.9	204.8	213.6	222.5	231.3	240.1	249.0	257.8	266.6	270.3	274.0
47.5°	217.3	226.1	235.7	244.5	253.4	264.4	274.7	285.8	296.1	299.1	302.0
50°	240.9	249.7	258.5	267.4	276.2	290.2	303.5	317.5	330.7	332.2	334.4
52.5°	271.1	279.9	288.0	296.8	304.9	320.4	335.9	350.6	366.1	366.8	368.3
55°	307.2	315.3	324.1	332.2	340.3	357.2	373.5	390.4	406.6	406.6	407.3
57.5°	352.1	360.9	369.8	377.9	386.7	402.9	419.1	434.6	450.8	450.1	449.3
60°	402.9	411.0	418.4	426.5	433.9	449.3	465.5	481.0	496.5	495.0	492.8
62.5°	455.2	464.1	472.9	481.0	489.8	502.4	515.6	528.1	540.7	537.7	534.8
65°	512.7	521.5	531.1	539.9	548.8	558.3	568.7	578.2	587.8	584.9	582.6
67.5°	566.4	576.8	587.1	596.6	607.0	614.3	621.7	628.3	635.7	632.0	628.3
70°	610.6	619.5	628.3	637.2	646.0	653.4	660.7	668.1	675.5	671.8	668.1
72.5°	626.1	636.4	646.7	656.3	666.6	675.5	684.3	693.1	702.0	699.8	696.8
75°	619.5	626.8	634.2	641.6	648.9	655.6	662.9	669.6	676.2	672.5	668.8
77.5°	572.3	571.6	570.1	569.4	567.9	567.9	568.7	568.7	568.7	564.2	559.8
80°	463.3	450.1	436.8	423.5	410.3	394.8	379.3	363.9	348.4	333.7	318.9
82.5°	257.1	226.9	197.4	167.2	137.0	124.5	111.2	98.7	85.4	79.6	72.9
85°	81.0	70.7	60.4	50.1	39.8	37.6	35.4	32.4	30.2	28.0	25.8
87.5°	6.6	5.9	5.9	5.2	4.4	3.7	3.7	2.9	2.2	2.2	2.2
90°	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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	178.3	178.3	178.3
5°	175.3	175.3	175.3	175.3	175.3	175.3	175.3	174.6	174.6	173.8	172.4
7.5°	151.0	151.7	151.7	151.0	151.7	151.7	151.0	151.0	150.3	149.5	146.6
10°	128.2	131.9	131.9	131.9	131.9	131.9	128.2	124.5	120.1	116.4	115.6
12.5°	109.0	112.7	112.7	112.7	112.7	112.7	109.0	105.3	101.6	98.0	100.2
15°	120.8	126.0	126.0	126.0	126.0	126.0	120.8	115.6	109.8	104.6	101.6
17.5°	106.1	108.3	109.0	109.0	109.0	108.3	106.1	103.1	100.9	98.0	98.0
20°	122.3	128.2	128.9	129.6	128.9	128.2	122.3	117.1	111.2	105.3	101.6
22.5°	102.4	102.4	103.1	103.1	103.1	102.4	102.4	103.1	103.1	103.1	105.3
25°	138.5	142.2	142.2	141.4	142.2	142.2	138.5	134.1	130.4	126.0	120.1
27.5°	156.9	162.8	164.3	165.0	164.3	162.8	156.9	150.3	144.4	137.7	134.1
30°	190.8	195.2	195.2	195.2	195.2	195.2	190.8	186.4	181.9	177.5	168.7
32.5°	198.9	203.3	203.3	203.3	203.3	203.3	198.9	194.5	189.3	184.9	179.7
35°	207.7	212.1	212.9	212.9	212.9	212.1	207.7	204.0	199.6	195.2	189.3
37.5°	220.2	223.2	223.9	224.7	223.9	223.2	220.2	216.6	213.6	209.9	203.3
40°	235.0	237.9	237.9	237.9	237.9	237.9	235.0	232.8	229.8	226.9	219.5
42.5°	253.4	256.3	257.1	257.8	257.1	256.3	253.4	250.4	247.5	244.5	237.2
45°	277.0	280.6	281.4	282.1	281.4	280.6	277.0	274.0	270.3	266.6	257.8
47.5°	304.9	307.9	307.9	307.9	307.9	307.9	304.9	302.0	299.1	296.1	285.8
50°	335.9	337.4	338.1	338.1	338.1	337.4	335.9	334.4	332.2	330.7	317.5
52.5°	369.0	369.8	369.8	369.0	369.8	369.8	369.0	368.3	366.8	366.1	350.6
55°	407.3	407.3	406.6	405.1	406.6	407.3	407.3	407.3	406.6	406.6	390.4
57.5°	448.6	447.8	447.8	447.1	447.8	447.8	448.6	449.3	450.1	450.8	434.6
60°	491.3	489.1	488.4	486.9	488.4	489.1	491.3	492.8	495.0	496.5	481.0
62.5°	531.8	528.9	528.9	528.9	528.9	528.9	531.8	534.8	537.7	540.7	528.1
65°	579.7	576.8	575.3	573.8	575.3	576.8	579.7	582.6	584.9	587.8	578.2
67.5°	624.6	620.9	619.5	617.3	619.5	620.9	624.6	628.3	632.0	635.7	628.3
70°	663.7	660.0	659.3	658.5	659.3	660.0	663.7	668.1	671.8	675.5	668.1
72.5°	694.6	691.7	690.9	689.5	690.9	691.7	694.6	696.8	699.8	702.0	693.1
75°	665.1	661.5	659.3	656.3	659.3	661.5	665.1	668.8	672.5	676.2	669.6
77.5°	555.4	551.0	549.5	547.3	549.5	551.0	555.4	559.8	564.2	568.7	568.7
80°	304.2	289.5	285.8	281.4	285.8	289.5	304.2	318.9	333.7	348.4	363.9
82.5°	67.0	60.4	58.2	55.2	58.2	60.4	67.0	72.9	79.6	85.4	98.7
85°	22.8	20.6	19.2	17.7	19.2	20.6	22.8	25.8	28.0	30.2	32.4
87.5°	2.2	2.2	2.2	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.9
90°	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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	179.0	179.0	179.0	179.0	178.3	178.3	177.5	177.5	176.8	176.8	176.0
5°	170.9	168.7	167.2	164.3	160.6	157.6	153.9	153.2	152.5	151.7	151.0
7.5°	143.6	140.0	137.0	139.2	140.7	142.9	144.4	145.1	145.8	145.8	146.6
10°	114.9	113.4	112.7	114.2	114.9	116.4	117.1	119.3	121.5	123.0	125.2
12.5°	103.1	105.3	107.5	106.8	106.1	105.3	104.6	106.1	107.5	109.0	110.5
15°	98.7	95.8	92.8	92.8	92.8	92.1	92.1	92.8	94.3	95.0	95.8
17.5°	97.2	97.2	96.5	98.0	100.2	101.6	103.1	99.4	95.8	91.3	87.7
20°	98.0	94.3	90.6	92.8	95.0	96.5	98.7	101.6	103.9	106.8	109.0
22.5°	108.3	110.5	112.7	109.0	104.6	100.9	96.5	100.2	104.6	108.3	112.0
25°	113.4	107.5	100.9	104.6	108.3	112.0	115.6	112.7	109.8	106.8	103.9
27.5°	130.4	126.7	123.0	120.1	117.9	114.9	112.0	115.6	119.3	123.0	126.7
30°	159.1	150.3	140.7	137.0	134.1	130.4	126.7	125.2	123.7	121.5	120.1
32.5°	174.6	169.4	164.3	157.6	150.3	143.6	136.3	136.3	136.3	135.5	135.5
35°	184.1	178.3	172.4	167.2	161.3	156.2	150.3	148.8	147.3	145.8	144.4
37.5°	195.9	189.3	181.9	175.3	169.4	162.8	156.2	156.2	156.2	156.2	156.2
40°	212.1	204.8	197.4	189.3	181.2	173.1	165.0	165.7	167.2	167.9	168.7
42.5°	229.1	221.7	213.6	204.8	196.7	187.8	179.0	179.7	181.2	181.9	182.7
45°	249.0	240.1	231.3	222.5	213.6	204.8	195.9	197.4	198.1	199.6	200.4
47.5°	274.7	264.4	253.4	244.5	235.7	226.1	217.3	219.5	221.0	223.2	224.7
50°	303.5	290.2	276.2	267.4	258.5	249.7	240.9	243.8	246.8	249.7	252.7
52.5°	335.9	320.4	304.9	296.8	288.0	279.9	271.1	274.0	277.7	280.6	283.6
55°	373.5	357.2	340.3	332.2	324.1	315.3	307.2	311.6	316.0	320.4	324.8
57.5°	419.1	402.9	386.7	377.9	369.8	360.9	352.1	358.0	364.6	370.5	376.4
60°	465.5	449.3	433.9	426.5	418.4	411.0	402.9	410.3	418.4	425.8	433.1
62.5°	515.6	502.4	489.8	481.0	472.9	464.1	455.2	466.3	477.3	488.4	499.4
65°	568.7	558.3	548.8	539.9	531.1	521.5	512.7	525.9	539.2	552.4	565.7
67.5°	621.7	614.3	607.0	596.6	587.1	576.8	566.4	580.4	593.7	607.7	620.9
70°	660.7	653.4	646.0	637.2	628.3	619.5	610.6	623.2	635.7	648.2	660.7
72.5°	684.3	675.5	666.6	656.3	646.7	636.4	626.1	641.6	657.8	673.2	688.7
75°	662.9	655.6	648.9	641.6	634.2	626.8	619.5	640.8	661.5	682.8	703.4
77.5°	568.7	567.9	567.9	569.4	570.1	571.6	572.3	602.5	632.0	662.2	691.7
80°	379.3	394.8	410.3	423.5	436.8	450.1	463.3	497.9	532.6	566.4	601.1
82.5°	111.2	124.5	137.0	167.2	197.4	226.9	257.1	295.4	334.4	372.7	411.0
85°	35.4	37.6	39.8	50.1	60.4	70.7	81.0	96.5	112.0	127.4	142.9
87.5°	3.7	3.7	4.4	5.2	5.9	5.9	6.6	6.6	5.9	5.9	5.2
90°	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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CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	175.3	174.6	173.8	173.1	172.4	171.6	170.2	169.4	167.2	165.0	162.8
5°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0
7.5°	146.6	147.3	147.3	147.3	146.6	145.8	145.1	144.4	143.6	143.6	142.9
10°	125.2	125.2	124.5	124.5	128.2	132.6	136.3	140.0	141.4	142.9	143.6
12.5°	115.6	120.8	125.2	130.4	133.3	137.0	140.0	142.9	142.2	141.4	140.7
15°	98.7	100.9	103.9	106.1	110.5	114.9	118.6	123.0	128.2	134.1	139.2
17.5°	95.0	102.4	109.8	117.1	120.8	125.2	128.9	132.6	134.1	136.3	137.7
20°	109.8	109.8	110.5	110.5	110.5	109.8	109.8	109.0	117.9	127.4	136.3
22.5°	110.5	109.0	107.5	106.1	112.7	118.6	125.2	131.1	130.4	129.6	128.9
25°	109.8	116.4	122.3	128.2	126.0	124.5	122.3	120.1	128.2	135.5	143.6
27.5°	124.5	123.0	120.8	118.6	123.0	128.2	132.6	137.0	135.5	134.1	131.9
30°	123.7	126.7	130.4	133.3	132.6	132.6	131.9	131.1	139.2	146.6	154.7
32.5°	135.5	136.3	136.3	136.3	141.4	145.8	151.0	155.4	159.1	163.5	167.2
35°	145.8	147.3	148.1	149.5	156.2	162.8	168.7	175.3	182.7	190.0	197.4
37.5°	156.9	158.4	159.1	159.8	167.2	173.8	181.2	187.8	195.9	204.0	211.4
40°	170.2	172.4	173.8	175.3	181.9	188.6	195.2	201.8	210.7	219.5	227.6
42.5°	185.6	187.8	190.8	193.0	200.4	207.0	214.3	221.0	229.8	237.9	246.8
45°	203.3	206.2	208.5	211.4	221.0	229.8	239.4	248.2	256.3	263.7	271.8
47.5°	226.9	228.3	230.6	232.0	242.3	252.7	262.2	272.5	280.6	288.7	296.1
50°	253.4	253.4	254.1	254.1	267.4	279.9	293.2	305.7	313.1	321.2	328.5
52.5°	285.1	286.5	287.3	288.7	302.0	314.5	327.8	340.3	347.7	355.8	363.1
55°	325.6	326.3	326.3	327.0	340.3	353.6	366.8	380.1	387.4	394.8	402.2
57.5°	376.4	375.7	375.7	374.9	388.2	401.4	414.0	427.2	434.6	442.0	449.3
60°	430.9	428.7	425.8	423.5	438.3	453.7	468.5	483.2	489.8	496.5	503.1
62.5°	495.0	491.3	486.9	482.5	497.9	512.7	528.1	542.9	548.0	552.4	557.6
65°	557.6	549.5	540.7	532.6	550.2	567.9	585.6	603.3	607.0	610.6	613.6
67.5°	611.4	601.8	592.2	582.6	603.3	623.9	643.8	664.4	665.9	667.4	668.8
70°	651.1	641.6	632.0	622.4	647.5	672.5	697.6	722.6	723.3	724.1	724.8
72.5°	679.1	669.6	659.3	649.7	675.5	700.5	726.3	751.3	753.5	755.0	757.2
75°	689.5	675.5	661.5	647.5	670.3	692.4	715.2	737.3	735.1	732.9	730.0
77.5°	666.6	641.6	616.5	591.5	602.5	613.6	623.9	634.9	623.2	610.6	598.9
80°	565.0	529.6	493.5	457.4	450.1	442.7	434.6	427.2	405.1	383.0	360.2
82.5°	374.9	339.6	303.5	267.4	244.5	222.5	199.6	176.8	156.9	137.0	116.4
85°	124.5	106.1	87.7	69.2	61.9	55.2	47.9	40.5	37.6	34.6	31.7
87.5°	5.9	6.6	6.6	7.4	6.6	6.6	5.9	5.2	4.4	4.4	3.7
90°	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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	160.6	160.6	161.3	161.3	161.3	161.3	160.6	161.3	161.3	161.3	161.3
5°	151.0	151.0	151.7	151.7	151.7	151.7	151.7	151.7	151.7	151.7	151.7
7.5°	142.2	140.0	137.0	134.8	131.9	131.1	129.6	131.1	131.9	134.8	137.0
10°	145.1	145.1	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8
12.5°	140.0	137.0	133.3	130.4	126.7	127.4	128.2	127.4	126.7	130.4	133.3
15°	144.4	145.1	145.8	146.6	147.3	147.3	147.3	147.3	147.3	146.6	145.8
17.5°	139.2	136.3	132.6	129.6	126.0	126.0	125.2	126.0	126.0	129.6	132.6
20°	145.1	146.6	148.1	148.8	150.3	150.3	150.3	150.3	150.3	148.8	148.1
22.5°	128.2	128.2	128.2	127.4	127.4	127.4	127.4	127.4	127.4	127.4	128.2
25°	151.0	152.5	153.9	154.7	156.2	156.2	155.4	156.2	156.2	154.7	153.9
27.5°	130.4	131.1	132.6	133.3	134.1	134.1	134.1	134.1	134.1	133.3	132.6
30°	162.1	162.8	163.5	163.5	164.3	164.3	164.3	164.3	164.3	163.5	163.5
32.5°	170.9	177.5	184.9	191.5	198.1	198.9	199.6	198.9	198.1	191.5	184.9
35°	204.8	206.2	208.5	209.9	211.4	212.1	212.1	212.1	211.4	209.9	208.5
37.5°	219.5	221.0	221.7	223.2	223.9	224.7	224.7	224.7	223.9	223.2	221.7
40°	236.4	237.9	238.7	240.1	240.9	240.9	240.1	240.9	240.9	240.1	238.7
42.5°	254.9	255.6	257.1	257.8	258.5	259.3	259.3	259.3	258.5	257.8	257.1
45°	279.2	279.9	280.6	280.6	281.4	282.1	282.1	282.1	281.4	280.6	280.6
47.5°	304.2	305.7	306.4	307.9	308.6	309.4	310.1	309.4	308.6	307.9	306.4
50°	335.9	336.6	338.1	338.8	339.6	339.6	339.6	339.6	339.6	338.8	338.1
52.5°	370.5	371.2	371.2	372.0	372.0	372.0	371.2	372.0	372.0	372.0	371.2
55°	409.5	409.5	409.5	408.8	408.8	408.8	408.8	408.8	408.8	408.8	409.5
57.5°	456.7	456.7	456.7	456.7	456.7	454.5	451.5	454.5	456.7	456.7	456.7
60°	509.7	508.2	506.0	504.6	502.4	501.6	500.9	501.6	502.4	504.6	506.0
62.5°	562.0	559.8	556.9	554.7	551.7	551.0	549.5	551.0	551.7	554.7	556.9
65°	617.3	613.6	609.9	605.5	601.8	601.1	599.6	601.1	601.8	605.5	609.9
67.5°	670.3	666.6	662.9	658.5	654.8	654.1	652.6	654.1	654.8	658.5	662.9
70°	725.5	721.9	718.2	713.8	710.1	710.1	709.3	710.1	710.1	713.8	718.2
72.5°	758.7	755.0	752.1	748.4	744.7	742.5	740.3	742.5	744.7	748.4	752.1
75°	727.8	721.9	716.0	709.3	703.4	702.0	700.5	702.0	703.4	709.3	716.0
77.5°	586.3	580.4	573.8	567.9	561.3	555.4	548.8	555.4	561.3	567.9	573.8
80°	338.1	323.4	308.6	293.9	279.2	275.5	271.8	275.5	279.2	293.9	308.6
82.5°	96.5	89.1	81.0	73.7	65.6	65.6	65.6	65.6	65.6	73.7	81.0
85°	28.7	25.0	22.1	18.4	14.7	14.0	13.3	14.0	14.7	18.4	22.1
87.5°	2.9	2.9	2.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.9
90°	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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CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	160.6	160.6	162.8	165.0	167.2	169.4	170.2	171.6	172.4	173.1	173.8
5°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0
7.5°	140.0	142.2	142.9	143.6	143.6	144.4	145.1	145.8	146.6	147.3	147.3
10°	145.1	145.1	143.6	142.9	141.4	140.0	136.3	132.6	128.2	124.5	124.5
12.5°	137.0	140.0	140.7	141.4	142.2	142.9	140.0	137.0	133.3	130.4	125.2
15°	145.1	144.4	139.2	134.1	128.2	123.0	118.6	114.9	110.5	106.1	103.9
17.5°	136.3	139.2	137.7	136.3	134.1	132.6	128.9	125.2	120.8	117.1	109.8
20°	146.6	145.1	136.3	127.4	117.9	109.0	109.8	109.8	110.5	110.5	110.5
22.5°	128.2	128.2	128.9	129.6	130.4	131.1	125.2	118.6	112.7	106.1	107.5
25°	152.5	151.0	143.6	135.5	128.2	120.1	122.3	124.5	126.0	128.2	122.3
27.5°	131.1	130.4	131.9	134.1	135.5	137.0	132.6	128.2	123.0	118.6	120.8
30°	162.8	162.1	154.7	146.6	139.2	131.1	131.9	132.6	132.6	133.3	130.4
32.5°	177.5	170.9	167.2	163.5	159.1	155.4	151.0	145.8	141.4	136.3	136.3
35°	206.2	204.8	197.4	190.0	182.7	175.3	168.7	162.8	156.2	149.5	148.1
37.5°	221.0	219.5	211.4	204.0	195.9	187.8	181.2	173.8	167.2	159.8	159.1
40°	237.9	236.4	227.6	219.5	210.7	201.8	195.2	188.6	181.9	175.3	173.8
42.5°	255.6	254.9	246.8	237.9	229.8	221.0	214.3	207.0	200.4	193.0	190.8
45°	279.9	279.2	271.8	263.7	256.3	248.2	239.4	229.8	221.0	211.4	208.5
47.5°	305.7	304.2	296.1	288.7	280.6	272.5	262.2	252.7	242.3	232.0	230.6
50°	336.6	335.9	328.5	321.2	313.1	305.7	293.2	279.9	267.4	254.1	254.1
52.5°	371.2	370.5	363.1	355.8	347.7	340.3	327.8	314.5	302.0	288.7	287.3
55°	409.5	409.5	402.2	394.8	387.4	380.1	366.8	353.6	340.3	327.0	326.3
57.5°	456.7	456.7	449.3	442.0	434.6	427.2	414.0	401.4	388.2	374.9	375.7
60°	508.2	509.7	503.1	496.5	489.8	483.2	468.5	453.7	438.3	423.5	425.8
62.5°	559.8	562.0	557.6	552.4	548.0	542.9	528.1	512.7	497.9	482.5	486.9
65°	613.6	617.3	613.6	610.6	607.0	603.3	585.6	567.9	550.2	532.6	540.7
67.5°	666.6	670.3	668.8	667.4	665.9	664.4	643.8	623.9	603.3	582.6	592.2
70°	721.9	725.5	724.8	724.1	723.3	722.6	697.6	672.5	647.5	622.4	632.0
72.5°	755.0	758.7	757.2	755.0	753.5	751.3	726.3	700.5	675.5	649.7	659.3
75°	721.9	727.8	730.0	732.9	735.1	737.3	715.2	692.4	670.3	647.5	661.5
77.5°	580.4	586.3	598.9	610.6	623.2	634.9	623.9	613.6	602.5	591.5	616.5
80°	323.4	338.1	360.2	383.0	405.1	427.2	434.6	442.7	450.1	457.4	493.5
82.5°	89.1	96.5	116.4	137.0	156.9	176.8	199.6	222.5	244.5	267.4	303.5
85°	25.0	28.7	31.7	34.6	37.6	40.5	47.9	55.2	61.9	69.2	87.7
87.5°	2.9	2.9	3.7	4.4	4.4	5.2	5.9	6.6	6.6	7.4	6.6
90°	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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CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	174.6	175.3	176.0	176.8	176.8	177.5	177.5	178.3	178.3	179.0	179.0
5°	151.0	151.0	151.0	151.7	152.5	153.2	153.9	157.6	160.6	164.3	167.2
7.5°	147.3	146.6	146.6	145.8	145.8	145.1	144.4	142.9	140.7	139.2	137.0
10°	125.2	125.2	125.2	123.0	121.5	119.3	117.1	116.4	114.9	114.2	112.7
12.5°	120.8	115.6	110.5	109.0	107.5	106.1	104.6	105.3	106.1	106.8	107.5
15°	100.9	98.7	95.8	95.0	94.3	92.8	92.1	92.1	92.8	92.8	92.8
17.5°	102.4	95.0	87.7	91.3	95.8	99.4	103.1	101.6	100.2	98.0	96.5
20°	109.8	109.8	109.0	106.8	103.9	101.6	98.7	96.5	95.0	92.8	90.6
22.5°	109.0	110.5	112.0	108.3	104.6	100.2	96.5	100.9	104.6	109.0	112.7
25°	116.4	109.8	103.9	106.8	109.8	112.7	115.6	112.0	108.3	104.6	100.9
27.5°	123.0	124.5	126.7	123.0	119.3	115.6	112.0	114.9	117.9	120.1	123.0
30°	126.7	123.7	120.1	121.5	123.7	125.2	126.7	130.4	134.1	137.0	140.7
32.5°	136.3	135.5	135.5	135.5	136.3	136.3	136.3	143.6	150.3	157.6	164.3
35°	147.3	145.8	144.4	145.8	147.3	148.8	150.3	156.2	161.3	167.2	172.4
37.5°	158.4	156.9	156.2	156.2	156.2	156.2	156.2	162.8	169.4	175.3	181.9
40°	172.4	170.2	168.7	167.9	167.2	165.7	165.0	173.1	181.2	189.3	197.4
42.5°	187.8	185.6	182.7	181.9	181.2	179.7	179.0	187.8	196.7	204.8	213.6
45°	206.2	203.3	200.4	199.6	198.1	197.4	195.9	204.8	213.6	222.5	231.3
47.5°	228.3	226.9	224.7	223.2	221.0	219.5	217.3	226.1	235.7	244.5	253.4
50°	253.4	253.4	252.7	249.7	246.8	243.8	240.9	249.7	258.5	267.4	276.2
52.5°	286.5	285.1	283.6	280.6	277.7	274.0	271.1	279.9	288.0	296.8	304.9
55°	326.3	325.6	324.8	320.4	316.0	311.6	307.2	315.3	324.1	332.2	340.3
57.5°	375.7	376.4	376.4	370.5	364.6	358.0	352.1	360.9	369.8	377.9	386.7
60°	428.7	430.9	433.1	425.8	418.4	410.3	402.9	411.0	418.4	426.5	433.9
62.5°	491.3	495.0	499.4	488.4	477.3	466.3	455.2	464.1	472.9	481.0	489.8
65°	549.5	557.6	565.7	552.4	539.2	525.9	512.7	521.5	531.1	539.9	548.8
67.5°	601.8	611.4	620.9	607.7	593.7	580.4	566.4	576.8	587.1	596.6	607.0
70°	641.6	651.1	660.7	648.2	635.7	623.2	610.6	619.5	628.3	637.2	646.0
72.5°	669.6	679.1	688.7	673.2	657.8	641.6	626.1	636.4	646.7	656.3	666.6
75°	675.5	689.5	703.4	682.8	661.5	640.8	619.5	626.8	634.2	641.6	648.9
77.5°	641.6	666.6	691.7	662.2	632.0	602.5	572.3	571.6	570.1	569.4	567.9
80°	529.6	565.0	601.1	566.4	532.6	497.9	463.3	450.1	436.8	423.5	410.3
82.5°	339.6	374.9	411.0	372.7	334.4	295.4	257.1	226.9	197.4	167.2	137.0
85°	106.1	124.5	142.9	127.4	112.0	96.5	81.0	70.7	60.4	50.1	39.8
87.5°	6.6	5.9	5.2	5.9	5.9	6.6	6.6	5.9	5.9	5.2	4.4
90°	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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CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	179.0	179.0	178.3	178.3	178.3	179.0	179.0	179.0	179.0	179.0	179.0
5°	168.7	170.9	172.4	173.8	174.6	174.6	175.3	175.3	175.3	175.3	175.3
7.5°	140.0	143.6	146.6	149.5	150.3	151.0	151.0	151.7	151.7	151.0	151.7
10°	113.4	114.9	115.6	116.4	120.1	124.5	128.2	131.9	131.9	131.9	131.9
12.5°	105.3	103.1	100.2	98.0	101.6	105.3	109.0	112.7	112.7	112.7	112.7
15°	95.8	98.7	101.6	104.6	109.8	115.6	120.8	126.0	126.0	126.0	126.0
17.5°	97.2	97.2	98.0	98.0	100.9	103.1	106.1	108.3	109.0	109.0	109.0
20°	94.3	98.0	101.6	105.3	111.2	117.1	122.3	128.2	128.9	129.6	128.9
22.5°	110.5	108.3	105.3	103.1	103.1	103.1	102.4	102.4	103.1	103.1	103.1
25°	107.5	113.4	120.1	126.0	130.4	134.1	138.5	142.2	142.2	141.4	142.2
27.5°	126.7	130.4	134.1	137.7	144.4	150.3	156.9	162.8	164.3	165.0	164.3
30°	150.3	159.1	168.7	177.5	181.9	186.4	190.8	195.2	195.2	195.2	195.2
32.5°	169.4	174.6	179.7	184.9	189.3	194.5	198.9	203.3	203.3	203.3	203.3
35°	178.3	184.1	189.3	195.2	199.6	204.0	207.7	212.1	212.9	212.9	212.9
37.5°	189.3	195.9	203.3	209.9	213.6	216.6	220.2	223.2	223.9	224.7	223.9
40°	204.8	212.1	219.5	226.9	229.8	232.8	235.0	237.9	237.9	237.9	237.9
42.5°	221.7	229.1	237.2	244.5	247.5	250.4	253.4	256.3	257.1	257.8	257.1
45°	240.1	249.0	257.8	266.6	270.3	274.0	277.0	280.6	281.4	282.1	281.4
47.5°	264.4	274.7	285.8	296.1	299.1	302.0	304.9	307.9	307.9	307.9	307.9
50°	290.2	303.5	317.5	330.7	332.2	334.4	335.9	337.4	338.1	338.1	338.1
52.5°	320.4	335.9	350.6	366.1	366.8	368.3	369.0	369.8	369.8	369.0	369.8
55°	357.2	373.5	390.4	406.6	406.6	407.3	407.3	407.3	406.6	405.1	406.6
57.5°	402.9	419.1	434.6	450.8	450.1	449.3	448.6	447.8	447.8	447.1	447.8
60°	449.3	465.5	481.0	496.5	495.0	492.8	491.3	489.1	488.4	486.9	488.4
62.5°	502.4	515.6	528.1	540.7	537.7	534.8	531.8	528.9	528.9	528.9	528.9
65°	558.3	568.7	578.2	587.8	584.9	582.6	579.7	576.8	575.3	573.8	575.3
67.5°	614.3	621.7	628.3	635.7	632.0	628.3	624.6	620.9	619.5	617.3	619.5
70°	653.4	660.7	668.1	675.5	671.8	668.1	663.7	660.0	659.3	658.5	659.3
72.5°	675.5	684.3	693.1	702.0	699.8	696.8	694.6	691.7	690.9	689.5	690.9
75°	655.6	662.9	669.6	676.2	672.5	668.8	665.1	661.5	659.3	656.3	659.3
77.5°	567.9	568.7	568.7	568.7	564.2	559.8	555.4	551.0	549.5	547.3	549.5
80°	394.8	379.3	363.9	348.4	333.7	318.9	304.2	289.5	285.8	281.4	285.8
82.5°	124.5	111.2	98.7	85.4	79.6	72.9	67.0	60.4	58.2	55.2	58.2
85°	37.6	35.4	32.4	30.2	28.0	25.8	22.8	20.6	19.2	17.7	19.2
87.5°	3.7	3.7	2.9	2.2	2.2	2.2	2.2	2.2	2.2	1.5	2.2
90°	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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CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	179.0	179.0	179.0	178.3	178.3	178.3	179.0	179.0	179.0	179.0	178.3
5°	175.3	175.3	174.6	174.6	173.8	172.4	170.9	168.7	167.2	164.3	160.6
7.5°	151.7	151.0	151.0	150.3	149.5	146.6	143.6	140.0	137.0	139.2	140.7
10°	131.9	128.2	124.5	120.1	116.4	115.6	114.9	113.4	112.7	114.2	114.9
12.5°	112.7	109.0	105.3	101.6	98.0	100.2	103.1	105.3	107.5	106.8	106.1
15°	126.0	120.8	115.6	109.8	104.6	101.6	98.7	95.8	92.8	92.8	92.8
17.5°	108.3	106.1	103.1	100.9	98.0	98.0	97.2	97.2	96.5	98.0	100.2
20°	128.2	122.3	117.1	111.2	105.3	101.6	98.0	94.3	90.6	92.8	95.0
22.5°	102.4	102.4	103.1	103.1	103.1	105.3	108.3	110.5	112.7	109.0	104.6
25°	142.2	138.5	134.1	130.4	126.0	120.1	113.4	107.5	100.9	104.6	108.3
27.5°	162.8	156.9	150.3	144.4	137.7	134.1	130.4	126.7	123.0	120.1	117.9
30°	195.2	190.8	186.4	181.9	177.5	168.7	159.1	150.3	140.7	137.0	134.1
32.5°	203.3	198.9	194.5	189.3	184.9	179.7	174.6	169.4	164.3	157.6	150.3
35°	212.1	207.7	204.0	199.6	195.2	189.3	184.1	178.3	172.4	167.2	161.3
37.5°	223.2	220.2	216.6	213.6	209.9	203.3	195.9	189.3	181.9	175.3	169.4
40°	237.9	235.0	232.8	229.8	226.9	219.5	212.1	204.8	197.4	189.3	181.2
42.5°	256.3	253.4	250.4	247.5	244.5	237.2	229.1	221.7	213.6	204.8	196.7
45°	280.6	277.0	274.0	270.3	266.6	257.8	249.0	240.1	231.3	222.5	213.6
47.5°	307.9	304.9	302.0	299.1	296.1	285.8	274.7	264.4	253.4	244.5	235.7
50°	337.4	335.9	334.4	332.2	330.7	317.5	303.5	290.2	276.2	267.4	258.5
52.5°	369.8	369.0	368.3	366.8	366.1	350.6	335.9	320.4	304.9	296.8	288.0
55°	407.3	407.3	407.3	406.6	406.6	390.4	373.5	357.2	340.3	332.2	324.1
57.5°	447.8	448.6	449.3	450.1	450.8	434.6	419.1	402.9	386.7	377.9	369.8
60°	489.1	491.3	492.8	495.0	496.5	481.0	465.5	449.3	433.9	426.5	418.4
62.5°	528.9	531.8	534.8	537.7	540.7	528.1	515.6	502.4	489.8	481.0	472.9
65°	576.8	579.7	582.6	584.9	587.8	578.2	568.7	558.3	548.8	539.9	531.1
67.5°	620.9	624.6	628.3	632.0	635.7	628.3	621.7	614.3	607.0	596.6	587.1
70°	660.0	663.7	668.1	671.8	675.5	668.1	660.7	653.4	646.0	637.2	628.3
72.5°	691.7	694.6	696.8	699.8	702.0	693.1	684.3	675.5	666.6	656.3	646.7
75°	661.5	665.1	668.8	672.5	676.2	669.6	662.9	655.6	648.9	641.6	634.2
77.5°	551.0	555.4	559.8	564.2	568.7	568.7	568.7	567.9	567.9	569.4	570.1
80°	289.5	304.2	318.9	333.7	348.4	363.9	379.3	394.8	410.3	423.5	436.8
82.5°	60.4	67.0	72.9	79.6	85.4	98.7	111.2	124.5	137.0	167.2	197.4
85°	20.6	22.8	25.8	28.0	30.2	32.4	35.4	37.6	39.8	50.1	60.4
87.5°	2.2	2.2	2.2	2.2	2.2	2.9	3.7	3.7	4.4	5.2	5.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P559957

CATALOG NUMBER: SDL-PA1-20-722-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	178.3	177.5	177.5	176.8	176.8	176.0	175.3	174.6	173.8	173.1	172.4
5°	157.6	153.9	153.2	152.5	151.7	151.0	151.0	151.0	151.0	151.0	151.0
7.5°	142.9	144.4	145.1	145.8	145.8	146.6	146.6	147.3	147.3	147.3	146.6
10°	116.4	117.1	119.3	121.5	123.0	125.2	125.2	125.2	124.5	124.5	128.2
12.5°	105.3	104.6	106.1	107.5	109.0	110.5	115.6	120.8	125.2	130.4	133.3
15°	92.1	92.1	92.8	94.3	95.0	95.8	98.7	100.9	103.9	106.1	110.5
17.5°	101.6	103.1	99.4	95.8	91.3	87.7	95.0	102.4	109.8	117.1	120.8
20°	96.5	98.7	101.6	103.9	106.8	109.0	109.8	109.8	110.5	110.5	110.5
22.5°	100.9	96.5	100.2	104.6	108.3	112.0	110.5	109.0	107.5	106.1	112.7
25°	112.0	115.6	112.7	109.8	106.8	103.9	109.8	116.4	122.3	128.2	126.0
27.5°	114.9	112.0	115.6	119.3	123.0	126.7	124.5	123.0	120.8	118.6	123.0
30°	130.4	126.7	125.2	123.7	121.5	120.1	123.7	126.7	130.4	133.3	132.6
32.5°	143.6	136.3	136.3	136.3	135.5	135.5	135.5	136.3	136.3	136.3	141.4
35°	156.2	150.3	148.8	147.3	145.8	144.4	145.8	147.3	148.1	149.5	156.2
37.5°	162.8	156.2	156.2	156.2	156.2	156.2	156.9	158.4	159.1	159.8	167.2
40°	173.1	165.0	165.7	167.2	167.9	168.7	170.2	172.4	173.8	175.3	181.9
42.5°	187.8	179.0	179.7	181.2	181.9	182.7	185.6	187.8	190.8	193.0	200.4
45°	204.8	195.9	197.4	198.1	199.6	200.4	203.3	206.2	208.5	211.4	221.0
47.5°	226.1	217.3	219.5	221.0	223.2	224.7	226.9	228.3	230.6	232.0	242.3
50°	249.7	240.9	243.8	246.8	249.7	252.7	253.4	253.4	254.1	254.1	267.4
52.5°	279.9	271.1	274.0	277.7	280.6	283.6	285.1	286.5	287.3	288.7	302.0
55°	315.3	307.2	311.6	316.0	320.4	324.8	325.6	326.3	326.3	327.0	340.3
57.5°	360.9	352.1	358.0	364.6	370.5	376.4	376.4	375.7	375.7	374.9	388.2
60°	411.0	402.9	410.3	418.4	425.8	433.1	430.9	428.7	425.8	423.5	438.3
62.5°	464.1	455.2	466.3	477.3	488.4	499.4	495.0	491.3	486.9	482.5	497.9
65°	521.5	512.7	525.9	539.2	552.4	565.7	557.6	549.5	540.7	532.6	550.2
67.5°	576.8	566.4	580.4	593.7	607.7	620.9	611.4	601.8	592.2	582.6	603.3
70°	619.5	610.6	623.2	635.7	648.2	660.7	651.1	641.6	632.0	622.4	647.5
72.5°	636.4	626.1	641.6	657.8	673.2	688.7	679.1	669.6	659.3	649.7	675.5
75°	626.8	619.5	640.8	661.5	682.8	703.4	689.5	675.5	661.5	647.5	670.3
77.5°	571.6	572.3	602.5	632.0	662.2	691.7	666.6	641.6	616.5	591.5	602.5
80°	450.1	463.3	497.9	532.6	566.4	601.1	565.0	529.6	493.5	457.4	450.1
82.5°	226.9	257.1	295.4	334.4	372.7	411.0	374.9	339.6	303.5	267.4	244.5
85°	70.7	81.0	96.5	112.0	127.4	142.9	124.5	106.1	87.7	69.2	61.9
87.5°	5.9	6.6	6.6	5.9	5.9	5.2	5.9	6.6	6.6	7.4	6.6
90°	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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2	181.2
2.5°	171.6	170.2	169.4	167.2	165.0	162.8	160.6	160.6	161.3	161.3	161.3
5°	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.7	151.7	151.7
7.5°	145.8	145.1	144.4	143.6	143.6	142.9	142.2	140.0	137.0	134.8	131.9
10°	132.6	136.3	140.0	141.4	142.9	143.6	145.1	145.1	145.8	145.8	145.8
12.5°	137.0	140.0	142.9	142.2	141.4	140.7	140.0	137.0	133.3	130.4	126.7
15°	114.9	118.6	123.0	128.2	134.1	139.2	144.4	145.1	145.8	146.6	147.3
17.5°	125.2	128.9	132.6	134.1	136.3	137.7	139.2	136.3	132.6	129.6	126.0
20°	109.8	109.8	109.0	117.9	127.4	136.3	145.1	146.6	148.1	148.8	150.3
22.5°	118.6	125.2	131.1	130.4	129.6	128.9	128.2	128.2	128.2	127.4	127.4
25°	124.5	122.3	120.1	128.2	135.5	143.6	151.0	152.5	153.9	154.7	156.2
27.5°	128.2	132.6	137.0	135.5	134.1	131.9	130.4	131.1	132.6	133.3	134.1
30°	132.6	131.9	131.1	139.2	146.6	154.7	162.1	162.8	163.5	163.5	164.3
32.5°	145.8	151.0	155.4	159.1	163.5	167.2	170.9	177.5	184.9	191.5	198.1
35°	162.8	168.7	175.3	182.7	190.0	197.4	204.8	206.2	208.5	209.9	211.4
37.5°	173.8	181.2	187.8	195.9	204.0	211.4	219.5	221.0	221.7	223.2	223.9
40°	188.6	195.2	201.8	210.7	219.5	227.6	236.4	237.9	238.7	240.1	240.9
42.5°	207.0	214.3	221.0	229.8	237.9	246.8	254.9	255.6	257.1	257.8	258.5
45°	229.8	239.4	248.2	256.3	263.7	271.8	279.2	279.9	280.6	280.6	281.4
47.5°	252.7	262.2	272.5	280.6	288.7	296.1	304.2	305.7	306.4	307.9	308.6
50°	279.9	293.2	305.7	313.1	321.2	328.5	335.9	336.6	338.1	338.8	339.6
52.5°	314.5	327.8	340.3	347.7	355.8	363.1	370.5	371.2	371.2	372.0	372.0
55°	353.6	366.8	380.1	387.4	394.8	402.2	409.5	409.5	409.5	408.8	408.8
57.5°	401.4	414.0	427.2	434.6	442.0	449.3	456.7	456.7	456.7	456.7	456.7
60°	453.7	468.5	483.2	489.8	496.5	503.1	509.7	508.2	506.0	504.6	502.4
62.5°	512.7	528.1	542.9	548.0	552.4	557.6	562.0	559.8	556.9	554.7	551.7
65°	567.9	585.6	603.3	607.0	610.6	613.6	617.3	613.6	609.9	605.5	601.8
67.5°	623.9	643.8	664.4	665.9	667.4	668.8	670.3	666.6	662.9	658.5	654.8
70°	672.5	697.6	722.6	723.3	724.1	724.8	725.5	721.9	718.2	713.8	710.1
72.5°	700.5	726.3	751.3	753.5	755.0	757.2	758.7	755.0	752.1	748.4	744.7
75°	692.4	715.2	737.3	735.1	732.9	730.0	727.8	721.9	716.0	709.3	703.4
77.5°	613.6	623.9	634.9	623.2	610.6	598.9	586.3	580.4	573.8	567.9	561.3
80°	442.7	434.6	427.2	405.1	383.0	360.2	338.1	323.4	308.6	293.9	279.2
82.5°	222.5	199.6	176.8	156.9	137.0	116.4	96.5	89.1	81.0	73.7	65.6
85°	55.2	47.9	40.5	37.6	34.6	31.7	28.7	25.0	22.1	18.4	14.7
87.5°	6.6	5.9	5.2	4.4	4.4	3.7	2.9	2.9	2.9	2.2	2.2
90°	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):

	357.5°	360°
0°	181.2	181.2
2.5°	161.3	160.6
5°	151.7	151.7
7.5°	131.1	129.6
10°	145.8	145.8
12.5°	127.4	128.2
15°	147.3	147.3
17.5°	126.0	125.2
20°	150.3	150.3
22.5°	127.4	127.4
25°	156.2	155.4
27.5°	134.1	134.1
30°	164.3	164.3
32.5°	198.9	199.6
35°	212.1	212.1
37.5°	224.7	224.7
40°	240.9	240.1
42.5°	259.3	259.3
45°	282.1	282.1
47.5°	309.4	310.1
50°	339.6	339.6
52.5°	372.0	371.2
55°	408.8	408.8
57.5°	454.5	451.5
60°	501.6	500.9
62.5°	551.0	549.5
65°	601.1	599.6
67.5°	654.1	652.6
70°	710.1	709.3
72.5°	742.5	740.3
75°	702.0	700.5
77.5°	555.4	548.8
80°	275.5	271.8
82.5°	65.6	65.6
85°	14.0	13.3
87.5°	2.2	2.2
90°	0.0	0.0

(END OF REPORT)