

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: P559979

Luminaire Tested: **SDL-PA1-20-727-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P559979
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-PA1-20-727-U-5WQ
Description: Springdale
(1) 70 CRI, 2700K, 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: 2381 lumens
Efficiency: N/A
Efficacy: 113.4 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

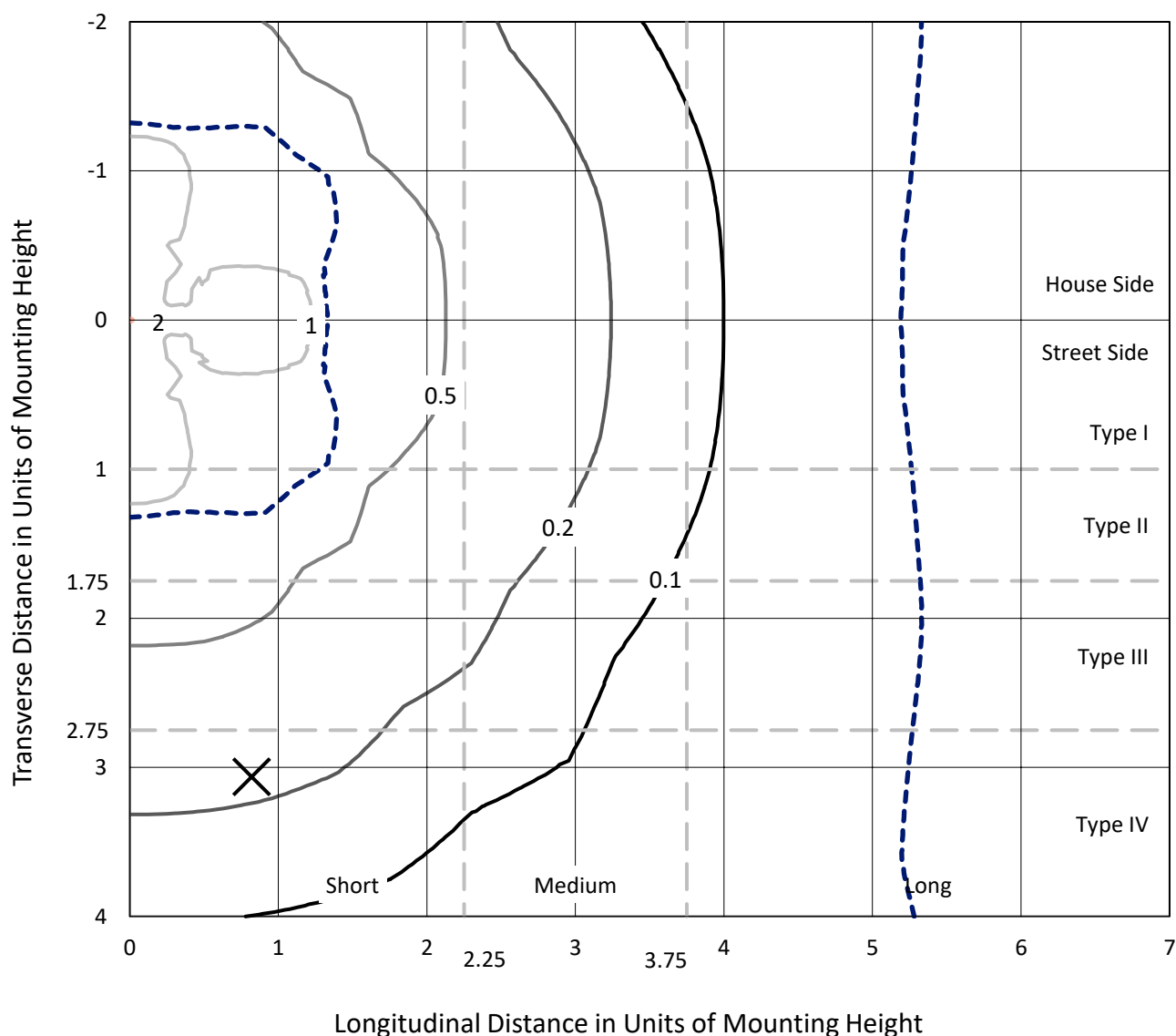


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

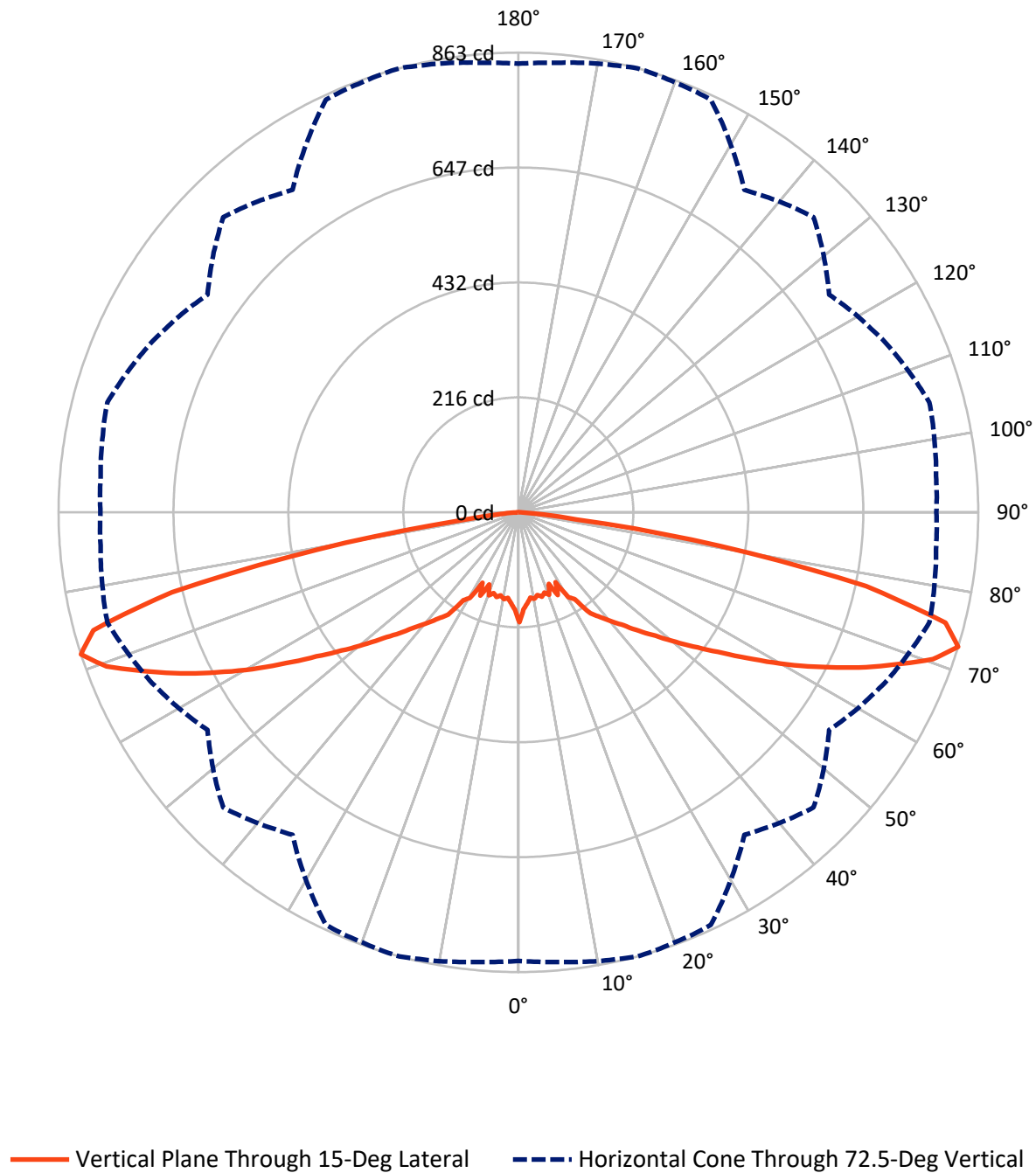


Based on 10 foot mounting height. Maximum calculated value = 2.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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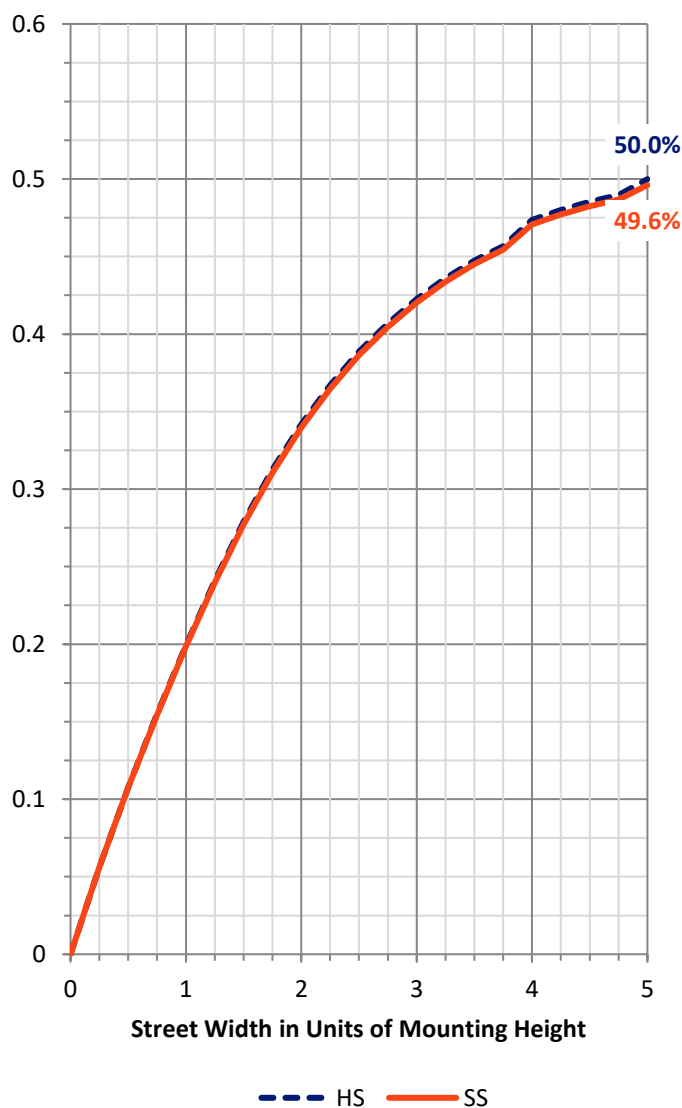
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1190.5	0.0	1190.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1190.5	0.0	1190.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2381.0	0.0	2381.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.7
10°-20°	37.6	1.6
20°-30°	67.1	2.8
30°-40°	128.3	5.4
40°-50°	218.5	9.2
50°-60°	382.5	16.1
60°-70°	645.4	27.1
70°-80°	752.8	31.6
80°-90°	132.8	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°	2381.0	100.0
0°-180°	2381.0	100.0

Coefficient of Utilization



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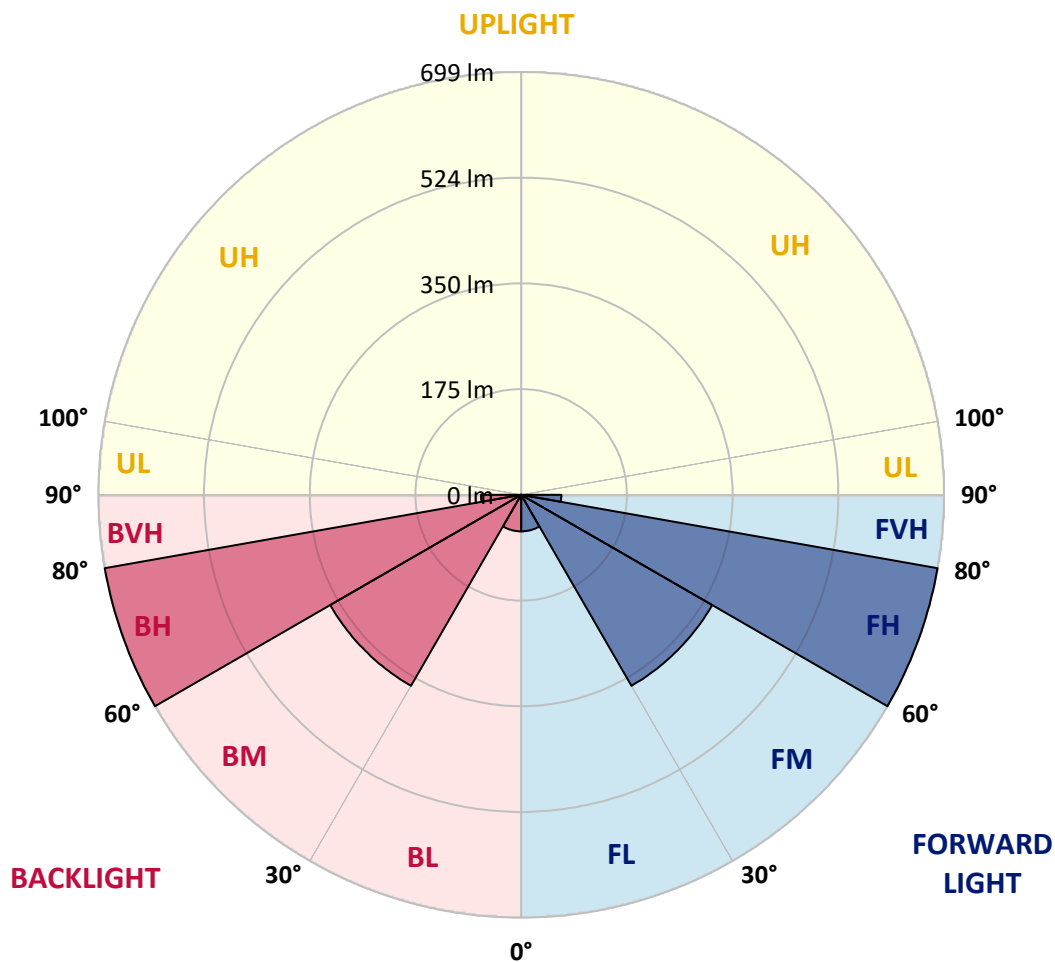
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	60.4	2.5			
FM	(30°-60°)	364.6	15.3			
FH	(60°-80°)	699.1	29.4			G1/1800
FVH	(80°-90°)	66.4	2.8			G1/100
BL	(0°-30°)	60.4	2.5	B0/110		
BM	(30°-60°)	364.6	15.3	B1/1000		
BH	(60°-80°)	699.1	29.4	B2/1000		G1/1800
BVH	(80°-90°)	66.4	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°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	182.7	183.5	183.5	183.5	183.5	182.7	182.7	185.2	187.7	190.2	192.7
5°	172.6	172.6	172.6	172.6	172.6	171.8	171.8	171.8	171.8	171.8	171.8
7.5°	147.5	149.2	150.0	153.4	155.9	159.2	161.7	162.6	163.4	163.4	164.2
10°	165.9	165.9	165.9	165.9	165.9	165.1	165.1	163.4	162.6	160.9	159.2
12.5°	145.8	145.0	144.1	148.3	151.7	155.9	159.2	160.1	160.9	161.7	162.6
15°	167.6	167.6	167.6	166.8	165.9	165.1	164.2	158.4	152.5	145.8	139.9
17.5°	142.5	143.3	143.3	147.5	150.8	155.0	158.4	156.7	155.0	152.5	150.8
20°	170.9	170.9	170.9	169.3	168.4	166.8	165.1	155.0	145.0	134.1	124.0
22.5°	145.0	145.0	145.0	145.0	145.8	145.8	145.8	146.6	147.5	148.3	149.2
25°	176.8	177.7	177.7	176.0	175.1	173.5	171.8	163.4	154.2	145.8	136.6
27.5°	152.5	152.5	152.5	151.7	150.8	149.2	148.3	150.0	152.5	154.2	155.9
30°	186.9	186.9	186.9	186.0	186.0	185.2	184.4	176.0	166.8	158.4	149.2
32.5°	227.1	226.3	225.4	217.9	210.3	202.0	194.4	190.2	186.0	181.0	176.8
35°	241.3	241.3	240.5	238.8	237.2	234.6	233.0	224.6	216.2	207.8	199.4
37.5°	255.6	255.6	254.7	253.9	252.2	251.4	249.7	240.5	232.1	222.9	213.7
40°	273.2	274.0	274.0	273.2	271.5	270.7	269.0	258.9	249.7	239.7	229.6
42.5°	295.0	295.0	294.1	293.3	292.5	290.8	289.9	280.7	270.7	261.5	251.4
45°	320.9	320.9	320.1	319.3	319.3	318.4	317.6	309.2	300.0	291.6	282.4
47.5°	352.8	352.0	351.1	350.3	348.6	347.8	346.1	336.9	328.5	319.3	310.1
50°	386.3	386.3	386.3	385.5	384.6	383.0	382.1	373.7	365.4	356.1	347.8
52.5°	422.3	423.2	423.2	423.2	422.3	422.3	421.5	413.1	404.7	395.5	387.1
55°	465.1	465.1	465.1	465.1	465.9	465.9	465.9	457.5	449.2	440.8	432.4
57.5°	513.7	517.0	519.6	519.6	519.6	519.6	519.6	511.2	502.8	494.4	486.0
60°	569.8	570.7	571.5	574.0	575.7	578.2	579.9	572.3	564.8	557.3	549.7
62.5°	625.1	626.8	627.7	631.0	633.5	636.9	639.4	634.4	628.5	623.5	617.6
65°	682.1	683.8	684.6	688.8	693.9	698.0	702.2	698.0	694.7	690.5	686.3
67.5°	742.5	744.1	745.0	749.2	754.2	758.4	762.6	760.9	759.2	757.5	755.9
70°	807.0	807.8	807.8	812.0	817.0	821.2	825.4	824.6	823.7	822.9	822.1
72.5°	842.2	844.7	847.2	851.4	855.6	858.9	863.1	861.5	858.9	857.3	854.7
75°	796.9	798.6	800.3	807.0	814.5	821.2	827.9	830.4	833.8	836.3	838.8
77.5°	624.3	631.8	638.5	646.1	652.8	660.3	667.0	681.3	694.7	708.9	722.3
80°	309.2	313.4	317.6	334.4	351.1	367.9	384.6	409.8	435.8	460.9	486.0
82.5°	74.6	74.6	74.6	83.8	92.2	101.4	109.8	132.4	155.9	178.5	201.1
85°	15.1	15.9	16.8	20.9	25.1	28.5	32.7	36.0	39.4	42.7	46.1
87.5°	2.5	2.5	2.5	2.5	3.4	3.4	3.4	4.2	5.0	5.0	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

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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°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	193.6	195.3	196.1	196.9	197.8	198.6	199.4	200.3	201.1	201.1	202.0
5°	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	172.6	173.5	174.3
7.5°	165.1	165.9	166.8	167.6	167.6	167.6	166.8	166.8	165.9	165.9	165.1
10°	155.0	150.8	145.8	141.6	141.6	142.5	142.5	142.5	139.9	138.3	135.8
12.5°	159.2	155.9	151.7	148.3	142.5	137.4	131.6	125.7	124.0	122.3	120.7
15°	134.9	130.7	125.7	120.7	118.2	114.8	112.3	108.9	108.1	107.3	105.6
17.5°	146.6	142.5	137.4	133.2	124.9	116.5	108.1	99.7	103.9	108.9	113.1
20°	124.9	124.9	125.7	125.7	125.7	124.9	124.9	124.0	121.5	118.2	115.6
22.5°	142.5	134.9	128.2	120.7	122.3	124.0	125.7	127.4	123.2	119.0	114.0
25°	139.1	141.6	143.3	145.8	139.1	132.4	124.9	118.2	121.5	124.9	128.2
27.5°	150.8	145.8	139.9	134.9	137.4	139.9	141.6	144.1	139.9	135.8	131.6
30°	150.0	150.8	150.8	151.7	148.3	144.1	140.8	136.6	138.3	140.8	142.5
32.5°	171.8	165.9	160.9	155.0	155.0	155.0	154.2	154.2	154.2	155.0	155.0
35°	191.9	185.2	177.7	170.1	168.4	167.6	165.9	164.2	165.9	167.6	169.3
37.5°	206.1	197.8	190.2	181.8	181.0	180.2	178.5	177.7	177.7	177.7	177.7
40°	222.1	214.5	207.0	199.4	197.8	196.1	193.6	191.9	191.1	190.2	188.5
42.5°	243.9	235.5	227.9	219.6	217.0	213.7	211.2	207.8	207.0	206.1	204.5
45°	272.3	261.5	251.4	240.5	237.2	234.6	231.3	227.9	227.1	225.4	224.6
47.5°	298.3	287.4	275.7	264.0	262.3	259.8	258.1	255.6	253.9	251.4	249.7
50°	333.5	318.4	304.2	289.1	289.1	288.3	288.3	287.4	284.1	280.7	277.4
52.5°	372.9	357.8	343.6	328.5	326.8	326.0	324.3	322.6	319.3	315.9	311.7
55°	417.3	402.2	387.1	372.1	371.2	371.2	370.4	369.6	364.5	359.5	354.5
57.5°	470.9	456.7	441.6	426.5	427.4	427.4	428.2	428.2	421.5	414.8	407.3
60°	533.0	516.2	498.6	481.8	484.4	487.7	490.2	492.7	484.4	476.0	466.8
62.5°	600.8	583.2	566.5	548.9	553.9	558.9	563.1	568.2	555.6	543.0	530.4
65°	666.2	646.1	626.0	605.9	615.1	625.1	634.4	643.6	628.5	613.4	598.3
67.5°	732.4	709.8	686.3	662.8	673.7	684.6	695.5	706.4	691.3	675.4	660.3
70°	793.6	765.1	736.6	708.1	719.0	729.9	740.8	751.7	737.4	723.2	708.9
72.5°	826.3	796.9	768.4	739.1	750.0	761.7	772.6	783.5	765.9	748.3	729.9
75°	813.7	787.7	762.6	736.6	752.5	768.4	784.4	800.3	776.8	752.5	729.0
77.5°	709.8	698.0	685.5	672.9	701.4	729.9	758.4	786.9	753.4	719.0	685.5
80°	494.4	503.6	512.0	520.4	561.5	602.5	642.7	683.8	644.4	605.9	566.5
82.5°	227.1	253.1	278.2	304.2	345.3	386.3	426.5	467.6	424.0	380.4	336.0
85°	54.5	62.8	70.4	78.8	99.7	120.7	141.6	162.6	145.0	127.4	109.8
87.5°	6.7	7.5	7.5	8.4	7.5	7.5	6.7	5.9	6.7	6.7	7.5
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°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	202.0	202.8	202.8	203.6	203.6	203.6	203.6	202.8	202.8	202.8	203.6
5°	175.1	179.3	182.7	186.9	190.2	191.9	194.4	196.1	197.8	198.6	198.6
7.5°	164.2	162.6	160.1	158.4	155.9	159.2	163.4	166.8	170.1	170.9	171.8
10°	133.2	132.4	130.7	129.9	128.2	129.0	130.7	131.6	132.4	136.6	141.6
12.5°	119.0	119.8	120.7	121.5	122.3	119.8	117.3	114.0	111.5	115.6	119.8
15°	104.7	104.7	105.6	105.6	105.6	108.9	112.3	115.6	119.0	124.9	131.6
17.5°	117.3	115.6	114.0	111.5	109.8	110.6	110.6	111.5	111.5	114.8	117.3
20°	112.3	109.8	108.1	105.6	103.1	107.3	111.5	115.6	119.8	126.5	133.2
22.5°	109.8	114.8	119.0	124.0	128.2	125.7	123.2	119.8	117.3	117.3	117.3
25°	131.6	127.4	123.2	119.0	114.8	122.3	129.0	136.6	143.3	148.3	152.5
27.5°	127.4	130.7	134.1	136.6	139.9	144.1	148.3	152.5	156.7	164.2	170.9
30°	144.1	148.3	152.5	155.9	160.1	170.9	181.0	191.9	202.0	207.0	212.0
32.5°	155.0	163.4	170.9	179.3	186.9	192.7	198.6	204.5	210.3	215.4	221.2
35°	170.9	177.7	183.5	190.2	196.1	202.8	209.5	215.4	222.1	227.1	232.1
37.5°	177.7	185.2	192.7	199.4	207.0	215.4	222.9	231.3	238.8	243.0	246.4
40°	187.7	196.9	206.1	215.4	224.6	233.0	241.3	249.7	258.1	261.5	264.8
42.5°	203.6	213.7	223.7	233.0	243.0	252.2	260.6	269.8	278.2	281.6	284.9
45°	222.9	233.0	243.0	253.1	263.1	273.2	283.2	293.3	303.4	307.5	311.7
47.5°	247.2	257.3	268.2	278.2	288.3	300.8	312.6	325.1	336.9	340.2	343.6
50°	274.0	284.1	294.1	304.2	314.2	330.2	345.3	361.2	376.3	377.9	380.4
52.5°	308.4	318.4	327.7	337.7	346.9	364.5	382.1	398.9	416.5	417.3	419.0
55°	349.4	358.7	368.7	377.9	387.1	406.4	424.9	444.1	462.6	462.6	463.4
57.5°	400.6	410.6	420.7	429.9	439.9	458.4	476.8	494.4	512.8	512.0	511.2
60°	458.4	467.6	476.0	485.2	493.6	511.2	529.6	547.2	564.8	563.1	560.6
62.5°	517.9	527.9	538.0	547.2	557.3	571.5	586.6	600.8	615.1	611.7	608.4
65°	583.2	593.3	604.2	614.2	624.3	635.2	646.9	657.8	668.7	665.4	662.8
67.5°	644.4	656.1	667.9	678.8	690.5	698.9	707.3	714.8	723.2	719.0	714.8
70°	694.7	704.7	714.8	724.9	734.9	743.3	751.7	760.1	768.4	764.2	760.1
72.5°	712.3	724.0	735.8	746.6	758.4	768.4	778.5	788.5	798.6	796.1	792.7
75°	704.7	713.1	721.5	729.9	738.3	745.8	754.2	761.7	769.3	765.1	760.9
77.5°	651.1	650.3	648.6	647.8	646.1	646.1	646.9	646.9	646.9	641.9	636.9
80°	527.1	512.0	496.9	481.8	466.8	449.2	431.6	414.0	396.4	379.6	362.8
82.5°	292.5	258.1	224.6	190.2	155.9	141.6	126.5	112.3	97.2	90.5	83.0
85°	92.2	80.4	68.7	57.0	45.3	42.7	40.2	36.9	34.4	31.8	29.3
87.5°	7.5	6.7	6.7	5.9	5.0	4.2	4.2	3.4	2.5	2.5	2.5
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°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	203.6	203.6	203.6	203.6	203.6	203.6	203.6	203.6	202.8	202.8	202.8
5°	199.4	199.4	199.4	199.4	199.4	199.4	199.4	198.6	198.6	197.8	196.1
7.5°	171.8	172.6	172.6	171.8	172.6	172.6	171.8	171.8	170.9	170.1	166.8
10°	145.8	150.0	150.0	150.0	150.0	150.0	145.8	141.6	136.6	132.4	131.6
12.5°	124.0	128.2	128.2	128.2	128.2	128.2	124.0	119.8	115.6	111.5	114.0
15°	137.4	143.3	143.3	143.3	143.3	143.3	137.4	131.6	124.9	119.0	115.6
17.5°	120.7	123.2	124.0	124.0	124.0	123.2	120.7	117.3	114.8	111.5	111.5
20°	139.1	145.8	146.6	147.5	146.6	145.8	139.1	133.2	126.5	119.8	115.6
22.5°	116.5	116.5	117.3	117.3	117.3	116.5	116.5	117.3	117.3	117.3	119.8
25°	157.5	161.7	161.7	160.9	161.7	161.7	157.5	152.5	148.3	143.3	136.6
27.5°	178.5	185.2	186.9	187.7	186.9	185.2	178.5	170.9	164.2	156.7	152.5
30°	217.0	222.1	222.1	222.1	222.1	222.1	217.0	212.0	207.0	202.0	191.9
32.5°	226.3	231.3	231.3	231.3	231.3	231.3	226.3	221.2	215.4	210.3	204.5
35°	236.3	241.3	242.2	242.2	242.2	241.3	236.3	232.1	227.1	222.1	215.4
37.5°	250.6	253.9	254.7	255.6	254.7	253.9	250.6	246.4	243.0	238.8	231.3
40°	267.3	270.7	270.7	270.7	270.7	270.7	267.3	264.8	261.5	258.1	249.7
42.5°	288.3	291.6	292.5	293.3	292.5	291.6	288.3	284.9	281.6	278.2	269.8
45°	315.1	319.3	320.1	320.9	320.1	319.3	315.1	311.7	307.5	303.4	293.3
47.5°	346.9	350.3	350.3	350.3	350.3	350.3	346.9	343.6	340.2	336.9	325.1
50°	382.1	383.8	384.6	384.6	384.6	383.8	382.1	380.4	377.9	376.3	361.2
52.5°	419.8	420.7	420.7	419.8	420.7	420.7	419.8	419.0	417.3	416.5	398.9
55°	463.4	463.4	462.6	460.9	462.6	463.4	463.4	463.4	462.6	462.6	444.1
57.5°	510.3	509.5	509.5	508.7	509.5	509.5	510.3	511.2	512.0	512.8	494.4
60°	558.9	556.4	555.6	553.9	555.6	556.4	558.9	560.6	563.1	564.8	547.2
62.5°	605.0	601.7	601.7	601.7	601.7	601.7	605.0	608.4	611.7	615.1	600.8
65°	659.5	656.1	654.5	652.8	654.5	656.1	659.5	662.8	665.4	668.7	657.8
67.5°	710.6	706.4	704.7	702.2	704.7	706.4	710.6	714.8	719.0	723.2	714.8
70°	755.0	750.8	750.0	749.2	750.0	750.8	755.0	760.1	764.2	768.4	760.1
72.5°	790.2	786.9	786.0	784.4	786.0	786.9	790.2	792.7	796.1	798.6	788.5
75°	756.7	752.5	750.0	746.6	750.0	752.5	756.7	760.9	765.1	769.3	761.7
77.5°	631.8	626.8	625.1	622.6	625.1	626.8	631.8	636.9	641.9	646.9	646.9
80°	346.1	329.3	325.1	320.1	325.1	329.3	346.1	362.8	379.6	396.4	414.0
82.5°	76.3	68.7	66.2	62.8	66.2	68.7	76.3	83.0	90.5	97.2	112.3
85°	26.0	23.5	21.8	20.1	21.8	23.5	26.0	29.3	31.8	34.4	36.9
87.5°	2.5	2.5	2.5	1.7	2.5	2.5	2.5	2.5	2.5	2.5	3.4
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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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	203.6	203.6	203.6	203.6	202.8	202.8	202.0	202.0	201.1	201.1	200.3
5°	194.4	191.9	190.2	186.9	182.7	179.3	175.1	174.3	173.5	172.6	171.8
7.5°	163.4	159.2	155.9	158.4	160.1	162.6	164.2	165.1	165.9	165.9	166.8
10°	130.7	129.0	128.2	129.9	130.7	132.4	133.2	135.8	138.3	139.9	142.5
12.5°	117.3	119.8	122.3	121.5	120.7	119.8	119.0	120.7	122.3	124.0	125.7
15°	112.3	108.9	105.6	105.6	105.6	104.7	104.7	105.6	107.3	108.1	108.9
17.5°	110.6	110.6	109.8	111.5	114.0	115.6	117.3	113.1	108.9	103.9	99.7
20°	111.5	107.3	103.1	105.6	108.1	109.8	112.3	115.6	118.2	121.5	124.0
22.5°	123.2	125.7	128.2	124.0	119.0	114.8	109.8	114.0	119.0	123.2	127.4
25°	129.0	122.3	114.8	119.0	123.2	127.4	131.6	128.2	124.9	121.5	118.2
27.5°	148.3	144.1	139.9	136.6	134.1	130.7	127.4	131.6	135.8	139.9	144.1
30°	181.0	170.9	160.1	155.9	152.5	148.3	144.1	142.5	140.8	138.3	136.6
32.5°	198.6	192.7	186.9	179.3	170.9	163.4	155.0	155.0	155.0	154.2	154.2
35°	209.5	202.8	196.1	190.2	183.5	177.7	170.9	169.3	167.6	165.9	164.2
37.5°	222.9	215.4	207.0	199.4	192.7	185.2	177.7	177.7	177.7	177.7	177.7
40°	241.3	233.0	224.6	215.4	206.1	196.9	187.7	188.5	190.2	191.1	191.9
42.5°	260.6	252.2	243.0	233.0	223.7	213.7	203.6	204.5	206.1	207.0	207.8
45°	283.2	273.2	263.1	253.1	243.0	233.0	222.9	224.6	225.4	227.1	227.9
47.5°	312.6	300.8	288.3	278.2	268.2	257.3	247.2	249.7	251.4	253.9	255.6
50°	345.3	330.2	314.2	304.2	294.1	284.1	274.0	277.4	280.7	284.1	287.4
52.5°	382.1	364.5	346.9	337.7	327.7	318.4	308.4	311.7	315.9	319.3	322.6
55°	424.9	406.4	387.1	377.9	368.7	358.7	349.4	354.5	359.5	364.5	369.6
57.5°	476.8	458.4	439.9	429.9	420.7	410.6	400.6	407.3	414.8	421.5	428.2
60°	529.6	511.2	493.6	485.2	476.0	467.6	458.4	466.8	476.0	484.4	492.7
62.5°	586.6	571.5	557.3	547.2	538.0	527.9	517.9	530.4	543.0	555.6	568.2
65°	646.9	635.2	624.3	614.2	604.2	593.3	583.2	598.3	613.4	628.5	643.6
67.5°	707.3	698.9	690.5	678.8	667.9	656.1	644.4	660.3	675.4	691.3	706.4
70°	751.7	743.3	734.9	724.9	714.8	704.7	694.7	708.9	723.2	737.4	751.7
72.5°	778.5	768.4	758.4	746.6	735.8	724.0	712.3	729.9	748.3	765.9	783.5
75°	754.2	745.8	738.3	729.9	721.5	713.1	704.7	729.0	752.5	776.8	800.3
77.5°	646.9	646.1	646.1	647.8	648.6	650.3	651.1	685.5	719.0	753.4	786.9
80°	431.6	449.2	466.8	481.8	496.9	512.0	527.1	566.5	605.9	644.4	683.8
82.5°	126.5	141.6	155.9	190.2	224.6	258.1	292.5	336.0	380.4	424.0	467.6
85°	40.2	42.7	45.3	57.0	68.7	80.4	92.2	109.8	127.4	145.0	162.6
87.5°	4.2	4.2	5.0	5.9	6.7	6.7	7.5	7.5	6.7	6.7	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

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CATALOG NUMBER: SDL-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	199.4	198.6	197.8	196.9	196.1	195.3	193.6	192.7	190.2	187.7	185.2
5°	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8
7.5°	166.8	167.6	167.6	167.6	166.8	165.9	165.1	164.2	163.4	163.4	162.6
10°	142.5	142.5	141.6	141.6	145.8	150.8	155.0	159.2	160.9	162.6	163.4
12.5°	131.6	137.4	142.5	148.3	151.7	155.9	159.2	162.6	161.7	160.9	160.1
15°	112.3	114.8	118.2	120.7	125.7	130.7	134.9	139.9	145.8	152.5	158.4
17.5°	108.1	116.5	124.9	133.2	137.4	142.5	146.6	150.8	152.5	155.0	156.7
20°	124.9	124.9	125.7	125.7	125.7	124.9	124.9	124.0	134.1	145.0	155.0
22.5°	125.7	124.0	122.3	120.7	128.2	134.9	142.5	149.2	148.3	147.5	146.6
25°	124.9	132.4	139.1	145.8	143.3	141.6	139.1	136.6	145.8	154.2	163.4
27.5°	141.6	139.9	137.4	134.9	139.9	145.8	150.8	155.9	154.2	152.5	150.0
30°	140.8	144.1	148.3	151.7	150.8	150.8	150.0	149.2	158.4	166.8	176.0
32.5°	154.2	155.0	155.0	155.0	160.9	165.9	171.8	176.8	181.0	186.0	190.2
35°	165.9	167.6	168.4	170.1	177.7	185.2	191.9	199.4	207.8	216.2	224.6
37.5°	178.5	180.2	181.0	181.8	190.2	197.8	206.1	213.7	222.9	232.1	240.5
40°	193.6	196.1	197.8	199.4	207.0	214.5	222.1	229.6	239.7	249.7	258.9
42.5°	211.2	213.7	217.0	219.6	227.9	235.5	243.9	251.4	261.5	270.7	280.7
45°	231.3	234.6	237.2	240.5	251.4	261.5	272.3	282.4	291.6	300.0	309.2
47.5°	258.1	259.8	262.3	264.0	275.7	287.4	298.3	310.1	319.3	328.5	336.9
50°	288.3	288.3	289.1	289.1	304.2	318.4	333.5	347.8	356.1	365.4	373.7
52.5°	324.3	326.0	326.8	328.5	343.6	357.8	372.9	387.1	395.5	404.7	413.1
55°	370.4	371.2	371.2	372.1	387.1	402.2	417.3	432.4	440.8	449.2	457.5
57.5°	428.2	427.4	427.4	426.5	441.6	456.7	470.9	486.0	494.4	502.8	511.2
60°	490.2	487.7	484.4	481.8	498.6	516.2	533.0	549.7	557.3	564.8	572.3
62.5°	563.1	558.9	553.9	548.9	566.5	583.2	600.8	617.6	623.5	628.5	634.4
65°	634.4	625.1	615.1	605.9	626.0	646.1	666.2	686.3	690.5	694.7	698.0
67.5°	695.5	684.6	673.7	662.8	686.3	709.8	732.4	755.9	757.5	759.2	760.9
70°	740.8	729.9	719.0	708.1	736.6	765.1	793.6	822.1	822.9	823.7	824.6
72.5°	772.6	761.7	750.0	739.1	768.4	796.9	826.3	854.7	857.3	858.9	861.5
75°	784.4	768.4	752.5	736.6	762.6	787.7	813.7	838.8	836.3	833.8	830.4
77.5°	758.4	729.9	701.4	672.9	685.5	698.0	709.8	722.3	708.9	694.7	681.3
80°	642.7	602.5	561.5	520.4	512.0	503.6	494.4	486.0	460.9	435.8	409.8
82.5°	426.5	386.3	345.3	304.2	278.2	253.1	227.1	201.1	178.5	155.9	132.4
85°	141.6	120.7	99.7	78.8	70.4	62.8	54.5	46.1	42.7	39.4	36.0
87.5°	6.7	7.5	7.5	8.4	7.5	7.5	6.7	5.9	5.0	5.0	4.2
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-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	182.7	182.7	183.5	183.5	183.5	183.5	182.7	183.5	183.5	183.5	183.5
5°	171.8	171.8	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6
7.5°	161.7	159.2	155.9	153.4	150.0	149.2	147.5	149.2	150.0	153.4	155.9
10°	165.1	165.1	165.9	165.9	165.9	165.9	165.9	165.9	165.9	165.9	165.9
12.5°	159.2	155.9	151.7	148.3	144.1	145.0	145.8	145.0	144.1	148.3	151.7
15°	164.2	165.1	165.9	166.8	167.6	167.6	167.6	167.6	167.6	166.8	165.9
17.5°	158.4	155.0	150.8	147.5	143.3	143.3	142.5	143.3	143.3	147.5	150.8
20°	165.1	166.8	168.4	169.3	170.9	170.9	170.9	170.9	170.9	169.3	168.4
22.5°	145.8	145.8	145.8	145.0	145.0	145.0	145.0	145.0	145.0	145.0	145.8
25°	171.8	173.5	175.1	176.0	177.7	177.7	176.8	177.7	177.7	176.0	175.1
27.5°	148.3	149.2	150.8	151.7	152.5	152.5	152.5	152.5	152.5	151.7	150.8
30°	184.4	185.2	186.0	186.0	186.9	186.9	186.9	186.9	186.9	186.0	186.0
32.5°	194.4	202.0	210.3	217.9	225.4	226.3	227.1	226.3	225.4	217.9	210.3
35°	233.0	234.6	237.2	238.8	240.5	241.3	241.3	241.3	240.5	238.8	237.2
37.5°	249.7	251.4	252.2	253.9	254.7	255.6	255.6	255.6	254.7	253.9	252.2
40°	269.0	270.7	271.5	273.2	274.0	274.0	273.2	274.0	274.0	273.2	271.5
42.5°	289.9	290.8	292.5	293.3	294.1	295.0	295.0	295.0	294.1	293.3	292.5
45°	317.6	318.4	319.3	319.3	320.1	320.9	320.9	320.9	320.1	319.3	319.3
47.5°	346.1	347.8	348.6	350.3	351.1	352.0	352.8	352.0	351.1	350.3	348.6
50°	382.1	383.0	384.6	385.5	386.3	386.3	386.3	386.3	386.3	385.5	384.6
52.5°	421.5	422.3	422.3	423.2	423.2	423.2	422.3	423.2	423.2	423.2	422.3
55°	465.9	465.9	465.9	465.1	465.1	465.1	465.1	465.1	465.1	465.1	465.9
57.5°	519.6	519.6	519.6	519.6	519.6	517.0	513.7	517.0	519.6	519.6	519.6
60°	579.9	578.2	575.7	574.0	571.5	570.7	569.8	570.7	571.5	574.0	575.7
62.5°	639.4	636.9	633.5	631.0	627.7	626.8	625.1	626.8	627.7	631.0	633.5
65°	702.2	698.0	693.9	688.8	684.6	683.8	682.1	683.8	684.6	688.8	693.9
67.5°	762.6	758.4	754.2	749.2	745.0	744.1	742.5	744.1	745.0	749.2	754.2
70°	825.4	821.2	817.0	812.0	807.8	807.8	807.0	807.8	807.8	812.0	817.0
72.5°	863.1	858.9	855.6	851.4	847.2	844.7	842.2	844.7	847.2	851.4	855.6
75°	827.9	821.2	814.5	807.0	800.3	798.6	796.9	798.6	800.3	807.0	814.5
77.5°	667.0	660.3	652.8	646.1	638.5	631.8	624.3	631.8	638.5	646.1	652.8
80°	384.6	367.9	351.1	334.4	317.6	313.4	309.2	313.4	317.6	334.4	351.1
82.5°	109.8	101.4	92.2	83.8	74.6	74.6	74.6	74.6	74.6	83.8	92.2
85°	32.7	28.5	25.1	20.9	16.8	15.9	15.1	15.9	16.8	20.9	25.1
87.5°	3.4	3.4	3.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.4
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-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	182.7	182.7	185.2	187.7	190.2	192.7	193.6	195.3	196.1	196.9	197.8
5°	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8
7.5°	159.2	161.7	162.6	163.4	163.4	164.2	165.1	165.9	166.8	167.6	167.6
10°	165.1	165.1	163.4	162.6	160.9	159.2	155.0	150.8	145.8	141.6	141.6
12.5°	155.9	159.2	160.1	160.9	161.7	162.6	159.2	155.9	151.7	148.3	142.5
15°	165.1	164.2	158.4	152.5	145.8	139.9	134.9	130.7	125.7	120.7	118.2
17.5°	155.0	158.4	156.7	155.0	152.5	150.8	146.6	142.5	137.4	133.2	124.9
20°	166.8	165.1	155.0	145.0	134.1	124.0	124.9	124.9	125.7	125.7	125.7
22.5°	145.8	145.8	146.6	147.5	148.3	149.2	142.5	134.9	128.2	120.7	122.3
25°	173.5	171.8	163.4	154.2	145.8	136.6	139.1	141.6	143.3	145.8	139.1
27.5°	149.2	148.3	150.0	152.5	154.2	155.9	150.8	145.8	139.9	134.9	137.4
30°	185.2	184.4	176.0	166.8	158.4	149.2	150.0	150.8	150.8	151.7	148.3
32.5°	202.0	194.4	190.2	186.0	181.0	176.8	171.8	165.9	160.9	155.0	155.0
35°	234.6	233.0	224.6	216.2	207.8	199.4	191.9	185.2	177.7	170.1	168.4
37.5°	251.4	249.7	240.5	232.1	222.9	213.7	206.1	197.8	190.2	181.8	181.0
40°	270.7	269.0	258.9	249.7	239.7	229.6	222.1	214.5	207.0	199.4	197.8
42.5°	290.8	289.9	280.7	270.7	261.5	251.4	243.9	235.5	227.9	219.6	217.0
45°	318.4	317.6	309.2	300.0	291.6	282.4	272.3	261.5	251.4	240.5	237.2
47.5°	347.8	346.1	336.9	328.5	319.3	310.1	298.3	287.4	275.7	264.0	262.3
50°	383.0	382.1	373.7	365.4	356.1	347.8	333.5	318.4	304.2	289.1	289.1
52.5°	422.3	421.5	413.1	404.7	395.5	387.1	372.9	357.8	343.6	328.5	326.8
55°	465.9	465.9	457.5	449.2	440.8	432.4	417.3	402.2	387.1	372.1	371.2
57.5°	519.6	519.6	511.2	502.8	494.4	486.0	470.9	456.7	441.6	426.5	427.4
60°	578.2	579.9	572.3	564.8	557.3	549.7	533.0	516.2	498.6	481.8	484.4
62.5°	636.9	639.4	634.4	628.5	623.5	617.6	600.8	583.2	566.5	548.9	553.9
65°	698.0	702.2	698.0	694.7	690.5	686.3	666.2	646.1	626.0	605.9	615.1
67.5°	758.4	762.6	760.9	759.2	757.5	755.9	732.4	709.8	686.3	662.8	673.7
70°	821.2	825.4	824.6	823.7	822.9	822.1	793.6	765.1	736.6	708.1	719.0
72.5°	858.9	863.1	861.5	858.9	857.3	854.7	826.3	796.9	768.4	739.1	750.0
75°	821.2	827.9	830.4	833.8	836.3	838.8	813.7	787.7	762.6	736.6	752.5
77.5°	660.3	667.0	681.3	694.7	708.9	722.3	709.8	698.0	685.5	672.9	701.4
80°	367.9	384.6	409.8	435.8	460.9	486.0	494.4	503.6	512.0	520.4	561.5
82.5°	101.4	109.8	132.4	155.9	178.5	201.1	227.1	253.1	278.2	304.2	345.3
85°	28.5	32.7	36.0	39.4	42.7	46.1	54.5	62.8	70.4	78.8	99.7
87.5°	3.4	3.4	4.2	5.0	5.0	5.9	6.7	7.5	7.5	8.4	7.5
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-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	198.6	199.4	200.3	201.1	201.1	202.0	202.0	202.8	202.8	203.6	203.6
5°	171.8	171.8	171.8	172.6	173.5	174.3	175.1	179.3	182.7	186.9	190.2
7.5°	167.6	166.8	166.8	165.9	165.9	165.1	164.2	162.6	160.1	158.4	155.9
10°	142.5	142.5	142.5	139.9	138.3	135.8	133.2	132.4	130.7	129.9	128.2
12.5°	137.4	131.6	125.7	124.0	122.3	120.7	119.0	119.8	120.7	121.5	122.3
15°	114.8	112.3	108.9	108.1	107.3	105.6	104.7	104.7	105.6	105.6	105.6
17.5°	116.5	108.1	99.7	103.9	108.9	113.1	117.3	115.6	114.0	111.5	109.8
20°	124.9	124.9	124.0	121.5	118.2	115.6	112.3	109.8	108.1	105.6	103.1
22.5°	124.0	125.7	127.4	123.2	119.0	114.0	109.8	114.8	119.0	124.0	128.2
25°	132.4	124.9	118.2	121.5	124.9	128.2	131.6	127.4	123.2	119.0	114.8
27.5°	139.9	141.6	144.1	139.9	135.8	131.6	127.4	130.7	134.1	136.6	139.9
30°	144.1	140.8	136.6	138.3	140.8	142.5	144.1	148.3	152.5	155.9	160.1
32.5°	155.0	154.2	154.2	154.2	155.0	155.0	155.0	163.4	170.9	179.3	186.9
35°	167.6	165.9	164.2	165.9	167.6	169.3	170.9	177.7	183.5	190.2	196.1
37.5°	180.2	178.5	177.7	177.7	177.7	177.7	177.7	185.2	192.7	199.4	207.0
40°	196.1	193.6	191.9	191.1	190.2	188.5	187.7	196.9	206.1	215.4	224.6
42.5°	213.7	211.2	207.8	207.0	206.1	204.5	203.6	213.7	223.7	233.0	243.0
45°	234.6	231.3	227.9	227.1	225.4	224.6	222.9	233.0	243.0	253.1	263.1
47.5°	259.8	258.1	255.6	253.9	251.4	249.7	247.2	257.3	268.2	278.2	288.3
50°	288.3	288.3	287.4	284.1	280.7	277.4	274.0	284.1	294.1	304.2	314.2
52.5°	326.0	324.3	322.6	319.3	315.9	311.7	308.4	318.4	327.7	337.7	346.9
55°	371.2	370.4	369.6	364.5	359.5	354.5	349.4	358.7	368.7	377.9	387.1
57.5°	427.4	428.2	428.2	421.5	414.8	407.3	400.6	410.6	420.7	429.9	439.9
60°	487.7	490.2	492.7	484.4	476.0	466.8	458.4	467.6	476.0	485.2	493.6
62.5°	558.9	563.1	568.2	555.6	543.0	530.4	517.9	527.9	538.0	547.2	557.3
65°	625.1	634.4	643.6	628.5	613.4	598.3	583.2	593.3	604.2	614.2	624.3
67.5°	684.6	695.5	706.4	691.3	675.4	660.3	644.4	656.1	667.9	678.8	690.5
70°	729.9	740.8	751.7	737.4	723.2	708.9	694.7	704.7	714.8	724.9	734.9
72.5°	761.7	772.6	783.5	765.9	748.3	729.9	712.3	724.0	735.8	746.6	758.4
75°	768.4	784.4	800.3	776.8	752.5	729.0	704.7	713.1	721.5	729.9	738.3
77.5°	729.9	758.4	786.9	753.4	719.0	685.5	651.1	650.3	648.6	647.8	646.1
80°	602.5	642.7	683.8	644.4	605.9	566.5	527.1	512.0	496.9	481.8	466.8
82.5°	386.3	426.5	467.6	424.0	380.4	336.0	292.5	258.1	224.6	190.2	155.9
85°	120.7	141.6	162.6	145.0	127.4	109.8	92.2	80.4	68.7	57.0	45.3
87.5°	7.5	6.7	5.9	6.7	6.7	7.5	7.5	6.7	6.7	5.9	5.0
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-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	203.6	203.6	202.8	202.8	202.8	203.6	203.6	203.6	203.6	203.6	203.6
5°	191.9	194.4	196.1	197.8	198.6	198.6	199.4	199.4	199.4	199.4	199.4
7.5°	159.2	163.4	166.8	170.1	170.9	171.8	171.8	172.6	172.6	171.8	172.6
10°	129.0	130.7	131.6	132.4	136.6	141.6	145.8	150.0	150.0	150.0	150.0
12.5°	119.8	117.3	114.0	111.5	115.6	119.8	124.0	128.2	128.2	128.2	128.2
15°	108.9	112.3	115.6	119.0	124.9	131.6	137.4	143.3	143.3	143.3	143.3
17.5°	110.6	110.6	111.5	111.5	114.8	117.3	120.7	123.2	124.0	124.0	124.0
20°	107.3	111.5	115.6	119.8	126.5	133.2	139.1	145.8	146.6	147.5	146.6
22.5°	125.7	123.2	119.8	117.3	117.3	117.3	116.5	116.5	117.3	117.3	117.3
25°	122.3	129.0	136.6	143.3	148.3	152.5	157.5	161.7	161.7	160.9	161.7
27.5°	144.1	148.3	152.5	156.7	164.2	170.9	178.5	185.2	186.9	187.7	186.9
30°	170.9	181.0	191.9	202.0	207.0	212.0	217.0	222.1	222.1	222.1	222.1
32.5°	192.7	198.6	204.5	210.3	215.4	221.2	226.3	231.3	231.3	231.3	231.3
35°	202.8	209.5	215.4	222.1	227.1	232.1	236.3	241.3	242.2	242.2	242.2
37.5°	215.4	222.9	231.3	238.8	243.0	246.4	250.6	253.9	254.7	255.6	254.7
40°	233.0	241.3	249.7	258.1	261.5	264.8	267.3	270.7	270.7	270.7	270.7
42.5°	252.2	260.6	269.8	278.2	281.6	284.9	288.3	291.6	292.5	293.3	292.5
45°	273.2	283.2	293.3	303.4	307.5	311.7	315.1	319.3	320.1	320.9	320.1
47.5°	300.8	312.6	325.1	336.9	340.2	343.6	346.9	350.3	350.3	350.3	350.3
50°	330.2	345.3	361.2	376.3	377.9	380.4	382.1	383.8	384.6	384.6	384.6
52.5°	364.5	382.1	398.9	416.5	417.3	419.0	419.8	420.7	420.7	419.8	420.7
55°	406.4	424.9	444.1	462.6	462.6	463.4	463.4	463.4	462.6	460.9	462.6
57.5°	458.4	476.8	494.4	512.8	512.0	511.2	510.3	509.5	509.5	508.7	509.5
60°	511.2	529.6	547.2	564.8	563.1	560.6	558.9	556.4	555.6	553.9	555.6
62.5°	571.5	586.6	600.8	615.1	611.7	608.4	605.0	601.7	601.7	601.7	601.7
65°	635.2	646.9	657.8	668.7	665.4	662.8	659.5	656.1	654.5	652.8	654.5
67.5°	698.9	707.3	714.8	723.2	719.0	714.8	710.6	706.4	704.7	702.2	704.7
70°	743.3	751.7	760.1	768.4	764.2	760.1	755.0	750.8	750.0	749.2	750.0
72.5°	768.4	778.5	788.5	798.6	796.1	792.7	790.2	786.9	786.0	784.4	786.0
75°	745.8	754.2	761.7	769.3	765.1	760.9	756.7	752.5	750.0	746.6	750.0
77.5°	646.1	646.9	646.9	646.9	641.9	636.9	631.8	626.8	625.1	622.6	625.1
80°	449.2	431.6	414.0	396.4	379.6	362.8	346.1	329.3	325.1	320.1	325.1
82.5°	141.6	126.5	112.3	97.2	90.5	83.0	76.3	68.7	66.2	62.8	66.2
85°	42.7	40.2	36.9	34.4	31.8	29.3	26.0	23.5	21.8	20.1	21.8
87.5°	4.2	4.2	3.4	2.5	2.5	2.5	2.5	2.5	2.5	1.7	2.5
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-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	203.6	203.6	203.6	202.8	202.8	202.8	203.6	203.6	203.6	203.6	202.8
5°	199.4	199.4	198.6	198.6	197.8	196.1	194.4	191.9	190.2	186.9	182.7
7.5°	172.6	171.8	171.8	170.9	170.1	166.8	163.4	159.2	155.9	158.4	160.1
10°	150.0	145.8	141.6	136.6	132.4	131.6	130.7	129.0	128.2	129.9	130.7
12.5°	128.2	124.0	119.8	115.6	111.5	114.0	117.3	119.8	122.3	121.5	120.7
15°	143.3	137.4	131.6	124.9	119.0	115.6	112.3	108.9	105.6	105.6	105.6
17.5°	123.2	120.7	117.3	114.8	111.5	111.5	110.6	110.6	109.8	111.5	114.0
20°	145.8	139.1	133.2	126.5	119.8	115.6	111.5	107.3	103.1	105.6	108.1
22.5°	116.5	116.5	117.3	117.3	117.3	119.8	123.2	125.7	128.2	124.0	119.0
25°	161.7	157.5	152.5	148.3	143.3	136.6	129.0	122.3	114.8	119.0	123.2
27.5°	185.2	178.5	170.9	164.2	156.7	152.5	148.3	144.1	139.9	136.6	134.1
30°	222.1	217.0	212.0	207.0	202.0	191.9	181.0	170.9	160.1	155.9	152.5
32.5°	231.3	226.3	221.2	215.4	210.3	204.5	198.6	192.7	186.9	179.3	170.9
35°	241.3	236.3	232.1	227.1	222.1	215.4	209.5	202.8	196.1	190.2	183.5
37.5°	253.9	250.6	246.4	243.0	238.8	231.3	222.9	215.4	207.0	199.4	192.7
40°	270.7	267.3	264.8	261.5	258.1	249.7	241.3	233.0	224.6	215.4	206.1
42.5°	291.6	288.3	284.9	281.6	278.2	269.8	260.6	252.2	243.0	233.0	223.7
45°	319.3	315.1	311.7	307.5	303.4	293.3	283.2	273.2	263.1	253.1	243.0
47.5°	350.3	346.9	343.6	340.2	336.9	325.1	312.6	300.8	288.3	278.2	268.2
50°	383.8	382.1	380.4	377.9	376.3	361.2	345.3	330.2	314.2	304.2	294.1
52.5°	420.7	419.8	419.0	417.3	416.5	398.9	382.1	364.5	346.9	337.7	327.7
55°	463.4	463.4	463.4	462.6	462.6	444.1	424.9	406.4	387.1	377.9	368.7
57.5°	509.5	510.3	511.2	512.0	512.8	494.4	476.8	458.4	439.9	429.9	420.7
60°	556.4	558.9	560.6	563.1	564.8	547.2	529.6	511.2	493.6	485.2	476.0
62.5°	601.7	605.0	608.4	611.7	615.1	600.8	586.6	571.5	557.3	547.2	538.0
65°	656.1	659.5	662.8	665.4	668.7	657.8	646.9	635.2	624.3	614.2	604.2
67.5°	706.4	710.6	714.8	719.0	723.2	714.8	707.3	698.9	690.5	678.8	667.9
70°	750.8	755.0	760.1	764.2	768.4	760.1	751.7	743.3	734.9	724.9	714.8
72.5°	786.9	790.2	792.7	796.1	798.6	788.5	778.5	768.4	758.4	746.6	735.8
75°	752.5	756.7	760.9	765.1	769.3	761.7	754.2	745.8	738.3	729.9	721.5
77.5°	626.8	631.8	636.9	641.9	646.9	646.9	646.9	646.1	646.1	647.8	648.6
80°	329.3	346.1	362.8	379.6	396.4	414.0	431.6	449.2	466.8	481.8	496.9
82.5°	68.7	76.3	83.0	90.5	97.2	112.3	126.5	141.6	155.9	190.2	224.6
85°	23.5	26.0	29.3	31.8	34.4	36.9	40.2	42.7	45.3	57.0	68.7
87.5°	2.5	2.5	2.5	2.5	2.5	3.4	4.2	4.2	5.0	5.9	6.7
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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CATALOG NUMBER: SDL-PA1-20-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	202.8	202.0	202.0	201.1	201.1	200.3	199.4	198.6	197.8	196.9	196.1
5°	179.3	175.1	174.3	173.5	172.6	171.8	171.8	171.8	171.8	171.8	171.8
7.5°	162.6	164.2	165.1	165.9	165.9	166.8	166.8	167.6	167.6	167.6	166.8
10°	132.4	133.2	135.8	138.3	139.9	142.5	142.5	142.5	141.6	141.6	145.8
12.5°	119.8	119.0	120.7	122.3	124.0	125.7	131.6	137.4	142.5	148.3	151.7
15°	104.7	104.7	105.6	107.3	108.1	108.9	112.3	114.8	118.2	120.7	125.7
17.5°	115.6	117.3	113.1	108.9	103.9	99.7	108.1	116.5	124.9	133.2	137.4
20°	109.8	112.3	115.6	118.2	121.5	124.0	124.9	124.9	125.7	125.7	125.7
22.5°	114.8	109.8	114.0	119.0	123.2	127.4	125.7	124.0	122.3	120.7	128.2
25°	127.4	131.6	128.2	124.9	121.5	118.2	124.9	132.4	139.1	145.8	143.3
27.5°	130.7	127.4	131.6	135.8	139.9	144.1	141.6	139.9	137.4	134.9	139.9
30°	148.3	144.1	142.5	140.8	138.3	136.6	140.8	144.1	148.3	151.7	150.8
32.5°	163.4	155.0	155.0	155.0	154.2	154.2	154.2	155.0	155.0	155.0	160.9
35°	177.7	170.9	169.3	167.6	165.9	164.2	165.9	167.6	168.4	170.1	177.7
37.5°	185.2	177.7	177.7	177.7	177.7	177.7	178.5	180.2	181.0	181.8	190.2
40°	196.9	187.7	188.5	190.2	191.1	191.9	193.6	196.1	197.8	199.4	207.0
42.5°	213.7	203.6	204.5	206.1	207.0	207.8	211.2	213.7	217.0	219.6	227.9
45°	233.0	222.9	224.6	225.4	227.1	227.9	231.3	234.6	237.2	240.5	251.4
47.5°	257.3	247.2	249.7	251.4	253.9	255.6	258.1	259.8	262.3	264.0	275.7
50°	284.1	274.0	277.4	280.7	284.1	287.4	288.3	288.3	289.1	289.1	304.2
52.5°	318.4	308.4	311.7	315.9	319.3	322.6	324.3	326.0	326.8	328.5	343.6
55°	358.7	349.4	354.5	359.5	364.5	369.6	370.4	371.2	371.2	372.1	387.1
57.5°	410.6	400.6	407.3	414.8	421.5	428.2	428.2	427.4	427.4	426.5	441.6
60°	467.6	458.4	466.8	476.0	484.4	492.7	490.2	487.7	484.4	481.8	498.6
62.5°	527.9	517.9	530.4	543.0	555.6	568.2	563.1	558.9	553.9	548.9	566.5
65°	593.3	583.2	598.3	613.4	628.5	643.6	634.4	625.1	615.1	605.9	626.0
67.5°	656.1	644.4	660.3	675.4	691.3	706.4	695.5	684.6	673.7	662.8	686.3
70°	704.7	694.7	708.9	723.2	737.4	751.7	740.8	729.9	719.0	708.1	736.6
72.5°	724.0	712.3	729.9	748.3	765.9	783.5	772.6	761.7	750.0	739.1	768.4
75°	713.1	704.7	729.0	752.5	776.8	800.3	784.4	768.4	752.5	736.6	762.6
77.5°	650.3	651.1	685.5	719.0	753.4	786.9	758.4	729.9	701.4	672.9	685.5
80°	512.0	527.1	566.5	605.9	644.4	683.8	642.7	602.5	561.5	520.4	512.0
82.5°	258.1	292.5	336.0	380.4	424.0	467.6	426.5	386.3	345.3	304.2	278.2
85°	80.4	92.2	109.8	127.4	145.0	162.6	141.6	120.7	99.7	78.8	70.4
87.5°	6.7	7.5	7.5	6.7	6.7	5.9	6.7	7.5	7.5	8.4	7.5
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°	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1	206.1
2.5°	195.3	193.6	192.7	190.2	187.7	185.2	182.7	182.7	183.5	183.5	183.5
5°	171.8	171.8	171.8	171.8	171.8	171.8	171.8	171.8	172.6	172.6	172.6
7.5°	165.9	165.1	164.2	163.4	163.4	162.6	161.7	159.2	155.9	153.4	150.0
10°	150.8	155.0	159.2	160.9	162.6	163.4	165.1	165.1	165.9	165.9	165.9
12.5°	155.9	159.2	162.6	161.7	160.9	160.1	159.2	155.9	151.7	148.3	144.1
15°	130.7	134.9	139.9	145.8	152.5	158.4	164.2	165.1	165.9	166.8	167.6
17.5°	142.5	146.6	150.8	152.5	155.0	156.7	158.4	155.0	150.8	147.5	143.3
20°	124.9	124.9	124.0	134.1	145.0	155.0	165.1	166.8	168.4	169.3	170.9
22.5°	134.9	142.5	149.2	148.3	147.5	146.6	145.8	145.8	145.8	145.0	145.0
25°	141.6	139.1	136.6	145.8	154.2	163.4	171.8	173.5	175.1	176.0	177.7
27.5°	145.8	150.8	155.9	154.2	152.5	150.0	148.3	149.2	150.8	151.7	152.5
30°	150.8	150.0	149.2	158.4	166.8	176.0	184.4	185.2	186.0	186.0	186.9
32.5°	165.9	171.8	176.8	181.0	186.0	190.2	194.4	202.0	210.3	217.9	225.4
35°	185.2	191.9	199.4	207.8	216.2	224.6	233.0	234.6	237.2	238.8	240.5
37.5°	197.8	206.1	213.7	222.9	232.1	240.5	249.7	251.4	252.2	253.9	254.7
40°	214.5	222.1	229.6	239.7	249.7	258.9	269.0	270.7	271.5	273.2	274.0
42.5°	235.5	243.9	251.4	261.5	270.7	280.7	289.9	290.8	292.5	293.3	294.1
45°	261.5	272.3	282.4	291.6	300.0	309.2	317.6	318.4	319.3	319.3	320.1
47.5°	287.4	298.3	310.1	319.3	328.5	336.9	346.1	347.8	348.6	350.3	351.1
50°	318.4	333.5	347.8	356.1	365.4	373.7	382.1	383.0	384.6	385.5	386.3
52.5°	357.8	372.9	387.1	395.5	404.7	413.1	421.5	422.3	422.3	423.2	423.2
55°	402.2	417.3	432.4	440.8	449.2	457.5	465.9	465.9	465.9	465.1	465.1
57.5°	456.7	470.9	486.0	494.4	502.8	511.2	519.6	519.6	519.6	519.6	519.6
60°	516.2	533.0	549.7	557.3	564.8	572.3	579.9	578.2	575.7	574.0	571.5
62.5°	583.2	600.8	617.6	623.5	628.5	634.4	639.4	636.9	633.5	631.0	627.7
65°	646.1	666.2	686.3	690.5	694.7	698.0	702.2	698.0	693.9	688.8	684.6
67.5°	709.8	732.4	755.9	757.5	759.2	760.9	762.6	758.4	754.2	749.2	745.0
70°	765.1	793.6	822.1	822.9	823.7	824.6	825.4	821.2	817.0	812.0	807.8
72.5°	796.9	826.3	854.7	857.3	858.9	861.5	863.1	858.9	855.6	851.4	847.2
75°	787.7	813.7	838.8	836.3	833.8	830.4	827.9	821.2	814.5	807.0	800.3
77.5°	698.0	709.8	722.3	708.9	694.7	681.3	667.0	660.3	652.8	646.1	638.5
80°	503.6	494.4	486.0	460.9	435.8	409.8	384.6	367.9	351.1	334.4	317.6
82.5°	253.1	227.1	201.1	178.5	155.9	132.4	109.8	101.4	92.2	83.8	74.6
85°	62.8	54.5	46.1	42.7	39.4	36.0	32.7	28.5	25.1	20.9	16.8
87.5°	7.5	6.7	5.9	5.0	5.0	4.2	3.4	3.4	3.4	2.5	2.5
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°	206.1	206.1
2.5°	183.5	182.7
5°	172.6	172.6
7.5°	149.2	147.5
10°	165.9	165.9
12.5°	145.0	145.8
15°	167.6	167.6
17.5°	143.3	142.5
20°	170.9	170.9
22.5°	145.0	145.0
25°	177.7	176.8
27.5°	152.5	152.5
30°	186.9	186.9
32.5°	226.3	227.1
35°	241.3	241.3
37.5°	255.6	255.6
40°	274.0	273.2
42.5°	295.0	295.0
45°	320.9	320.9
47.5°	352.0	352.8
50°	386.3	386.3
52.5°	423.2	422.3
55°	465.1	465.1
57.5°	517.0	513.7
60°	570.7	569.8
62.5°	626.8	625.1
65°	683.8	682.1
67.5°	744.1	742.5
70°	807.8	807.0
72.5°	844.7	842.2
75°	798.6	796.9
77.5°	631.8	624.3
80°	313.4	309.2
82.5°	74.6	74.6
85°	15.9	15.1
87.5°	2.5	2.5
90°	0.0	0.0

(END OF REPORT)