Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P561262

Luminaire Tested: **SDL-PA1-90-740-U-T2R-HSS**

Issue Date: 7/26/2021

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P561262
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)
Test Lab:	INNOVATION CENTER
Issue Date:	7/26/2021
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	SDL-PA1-90-740-U-T2R-HSS
Description:	Springdale
	(1) 70 CRI, 4000K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8326.5 lumens
Efficiency:	N/A
Efficacy:	90.1 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	92.4
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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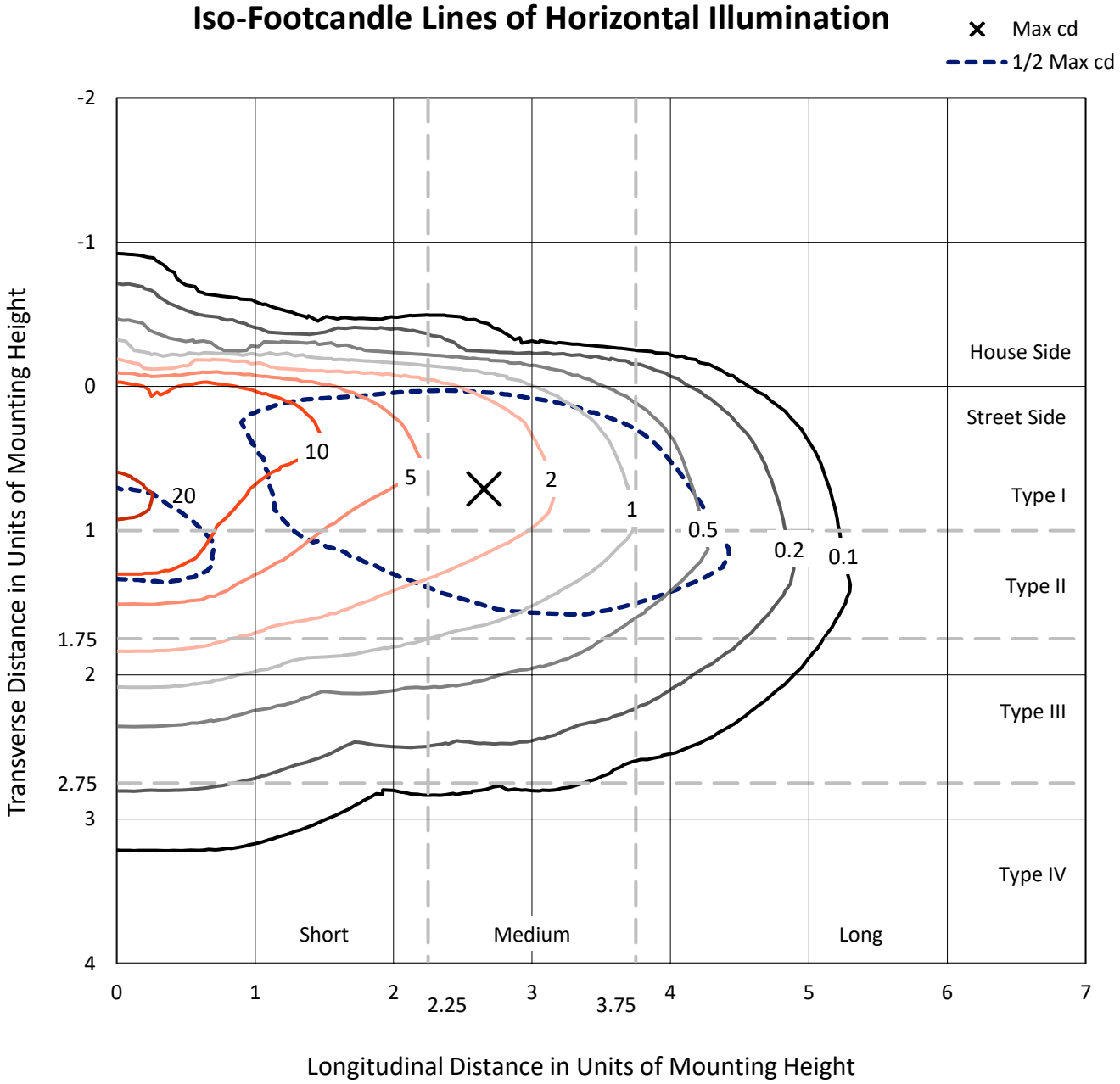
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 22.8 fc
Type II - Medium - N/A

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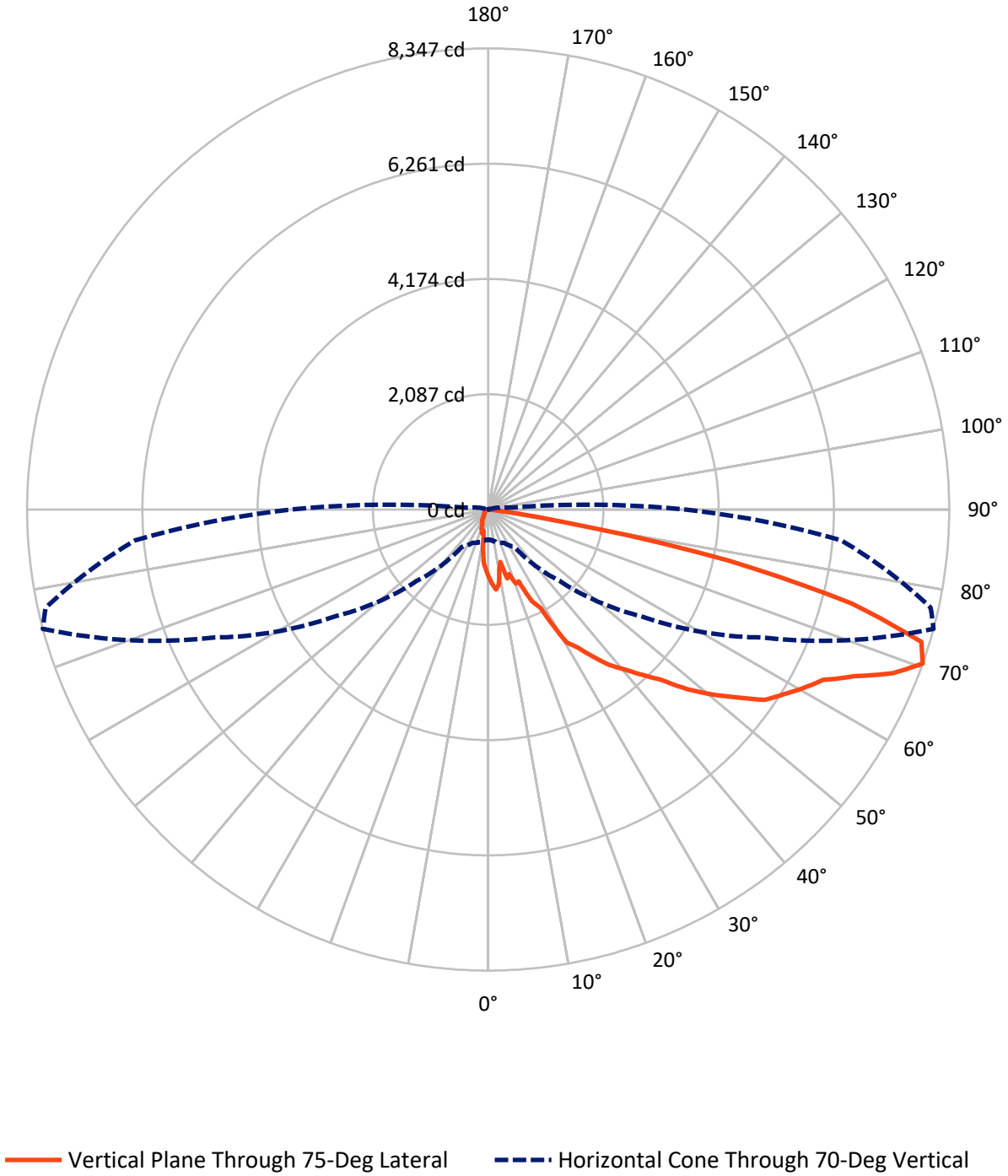
Luminous Intensity Polar Plot



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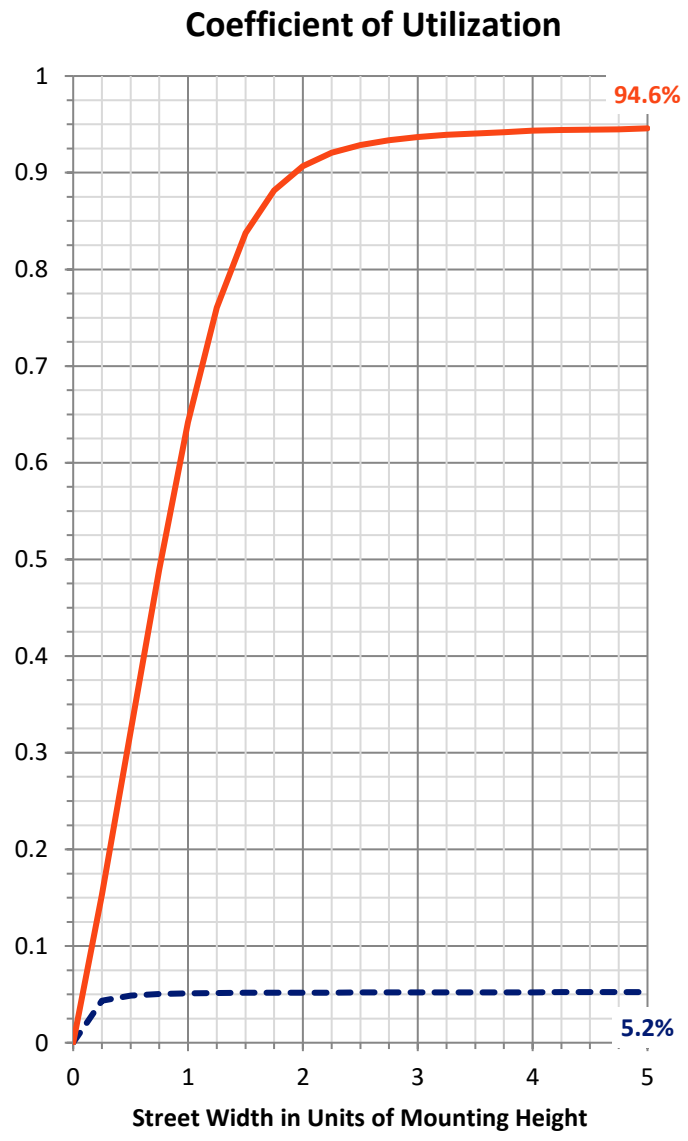
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	439.8	0.0	439.8
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	7886.6	0.0	7886.6
	% Fixture	94.7	0.0	94.7
Total	Lumens	8326.5	0.0	8326.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.5	1.2
10°-20°	240.3	2.9
20°-30°	456.7	5.5
30°-40°	1014.9	12.2
40°-50°	1636.2	19.7
50°-60°	1972.1	23.7
60°-70°	1787.3	21.5
70°-80°	1065.2	12.8
80°-90°	57.4	0.7
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°	8326.5	100.0
0°-180°	8326.5	100.0



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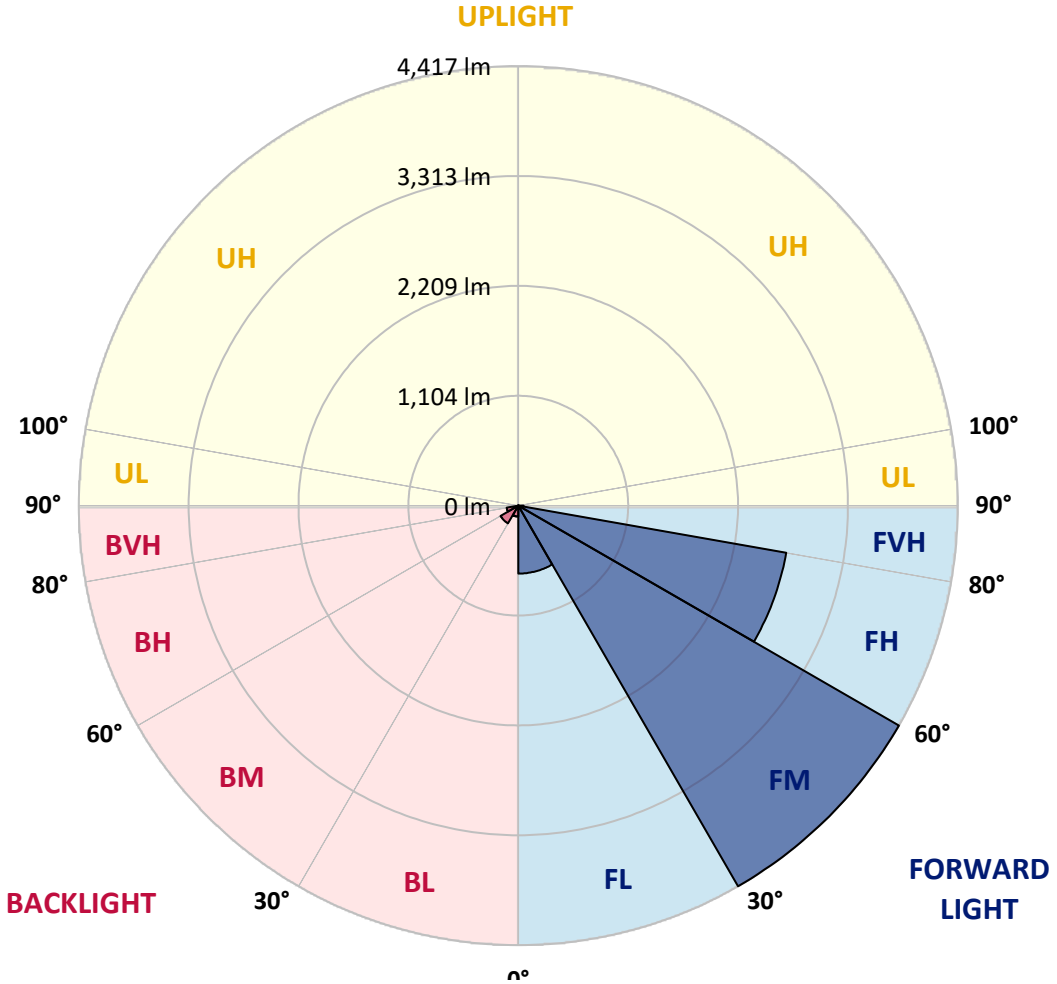
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	682.9	8.2			
FM	(30°-60°)	4417.3	53.1			
FH	(60°-80°)	2734.0	32.8			G2/5000
FVH	(80°-90°)	52.5	0.6			G1/100
BL	(0°-30°)	110.5	1.3	B1/500		
BM	(30°-60°)	205.9	2.5	B0/220		
BH	(60°-80°)	118.5	1.4	B1/500		G1/500
BVH	(80°-90°)	4.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1355.9	1385.6	1415.4	1426.6	1441.5	1452.7	1463.9	1475.0	1486.2	1493.7	1504.8
5°	1542.1	1538.4	1534.6	1530.9	1530.9	1527.2	1523.5	1519.7	1516.0	1508.6	1504.8
7.5°	1352.1	1449.0	1542.1	1545.8	1549.5	1549.5	1553.3	1575.6	1598.0	1616.6	1638.9
10°	1758.1	1758.1	1758.1	1758.1	1758.1	1754.4	1754.4	1758.1	1758.1	1761.9	1761.9
12.5°	1478.8	1501.1	1519.7	1586.8	1650.1	1717.2	1780.5	1795.4	1810.3	1821.5	1836.4
15°	1787.9	1795.4	1802.8	1806.6	1810.3	1810.3	1814.0	1758.1	1702.3	1646.4	1590.5
17.5°	1415.4	1422.9	1426.6	1475.0	1523.5	1571.9	1620.3	1646.4	1676.2	1702.3	1728.3
20°	1814.0	1817.7	1821.5	1825.2	1828.9	1828.9	1832.6	1713.4	1594.2	1475.0	1355.9
22.5°	1516.0	1519.7	1519.7	1530.9	1538.4	1549.5	1557.0	1601.7	1646.4	1691.1	1735.8
25°	2082.2	2082.2	2078.5	2059.8	2045.0	2026.3	2007.7	1896.0	1784.2	1668.7	1557.0
27.5°	1936.9	1940.7	1940.7	1925.8	1910.9	1896.0	1881.1	1903.4	1929.5	1951.8	1974.2
30°	2793.6	2793.6	2793.6	2775.0	2752.7	2734.1	2711.7	2547.8	2383.9	2216.3	2052.4
32.5°	3754.7	3687.6	3616.8	3482.7	3348.7	3210.8	3076.7	2976.2	2875.6	2771.3	2670.7
35°	4183.0	4171.8	4160.7	4112.2	4063.8	4011.7	3963.3	3769.6	3575.9	3378.5	3184.8
37.5°	4544.3	4529.4	4510.8	4473.6	4436.3	4399.1	4361.8	4164.4	3963.3	3765.8	3564.7
40°	4834.9	4823.7	4812.5	4782.7	4752.9	4723.1	4693.3	4481.0	4268.7	4056.4	3844.1
42.5°	5043.5	5043.5	5039.7	5017.4	4991.3	4969.0	4942.9	4730.6	4518.3	4305.9	4093.6
45°	5199.9	5199.9	5199.9	5185.0	5166.4	5151.5	5132.9	4946.6	4764.1	4577.9	4391.6
47.5°	5222.3	5226.0	5229.7	5229.7	5229.7	5229.7	5229.7	5054.6	4883.3	4708.2	4533.2
50°	5017.4	5028.6	5039.7	5058.4	5080.7	5099.3	5118.0	5032.3	4942.9	4857.2	4767.8
52.5°	4469.8	4518.3	4563.0	4611.4	4659.8	4704.5	4752.9	4719.4	4685.9	4652.4	4618.8
55°	3400.8	3430.6	3456.7	3594.5	3732.3	3870.1	4008.0	4067.6	4123.4	4183.0	4238.9
57.5°	2640.9	2652.1	2659.6	2748.9	2838.3	2924.0	3013.4	3162.4	3311.4	3456.7	3605.7
60°	2123.2	2123.2	2123.2	2175.3	2223.7	2275.9	2324.3	2458.4	2592.5	2726.6	2860.7
62.5°	1579.3	1594.2	1609.1	1661.3	1709.7	1761.9	1810.3	1877.3	1944.4	2011.4	2078.5
65°	1095.1	1113.7	1128.6	1162.2	1199.4	1232.9	1266.5	1322.3	1381.9	1437.8	1493.7
67.5°	771.0	778.5	785.9	804.6	819.5	838.1	853.0	890.2	923.8	961.0	994.5
70°	*547.6*	*551.3*	*551.3*	*566.2*	*581.1*	*596.0*	*610.9*	*625.8*	*640.7*	*651.9*	*666.8*
72.5°	398.6	402.3	406.0	417.2	424.6	435.8	443.3	450.7	458.2	465.6	473.1
75°	204.9	212.3	216.0	245.8	275.6	305.4	335.2	339.0	342.7	342.7	346.4
77.5°	171.3	175.1	175.1	178.8	182.5	186.2	190.0	208.6	230.9	249.6	268.2
80°	122.9	122.9	119.2	126.6	134.1	141.5	149.0	156.4	163.9	167.6	175.1
82.5°	70.8	74.5	74.5	78.2	81.9	85.7	89.4	96.8	108.0	115.5	122.9
85°	7.4	11.2	14.9	22.3	29.8	37.2	44.7	55.9	63.3	74.5	81.9
87.5°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.2	11.2	14.9	14.9
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°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1512.3	1519.7	1523.5	1530.9	1527.2	1519.7	1516.0	1508.6	1497.4	1486.2	1471.3
5°	1497.4	1489.9	1482.5	1475.0	1463.9	1456.4	1445.2	1434.1	1419.2	1408.0	1393.1
7.5°	1638.9	1635.2	1635.2	1631.5	1620.3	1612.9	1601.7	1590.5	1571.9	1553.3	1534.6
10°	1679.9	1598.0	1512.3	1430.3	1449.0	1467.6	1486.2	1504.8	1449.0	1393.1	1333.5
12.5°	1799.1	1761.9	1724.6	1687.4	1627.8	1564.4	1504.8	1441.5	1411.7	1378.2	1348.4
15°	1549.5	1512.3	1471.3	1430.3	1456.4	1482.5	1508.6	1534.6	1449.0	1359.6	1273.9
17.5°	1694.8	1657.6	1624.0	1586.8	1482.5	1378.2	1270.2	1165.9	1255.3	1341.0	1430.3
20°	1385.6	1415.4	1441.5	1471.3	1508.6	1545.8	1579.3	1616.6	1571.9	1527.2	1482.5
22.5°	1676.2	1620.3	1560.7	1501.1	1527.2	1553.3	1575.6	1601.7	1549.5	1497.4	1441.5
25°	1616.6	1679.9	1739.5	1799.1	1706.0	1616.6	1523.5	1430.3	1512.3	1594.2	1676.2
27.5°	1888.5	1802.8	1713.4	1627.8	1706.0	1784.2	1858.7	1936.9	1866.2	1791.7	1720.9
30°	2041.2	2030.1	2015.2	2004.0	1963.0	1925.8	1884.8	1843.8	1866.2	1888.5	1910.9
32.5°	2544.1	2421.2	2294.5	2167.9	2197.7	2227.5	2253.5	2283.3	2249.8	2216.3	2179.0
35°	3020.9	2857.0	2689.4	2525.5	2521.7	2514.3	2510.6	2503.1	2488.2	2473.3	2458.4
37.5°	3378.5	3192.2	3006.0	2819.7	2823.4	2823.4	2827.2	2827.2	2775.0	2722.9	2670.7
40°	3672.7	3501.4	3330.0	3158.7	3143.8	3128.9	3114.0	3099.1	3028.3	2953.8	2883.0
42.5°	3922.3	3754.7	3583.3	3412.0	3385.9	3363.6	3337.5	3311.4	3251.8	3188.5	3128.9
45°	4194.2	3996.8	3799.4	3601.9	3579.6	3557.2	3534.9	3512.5	3464.1	3415.7	3367.3
47.5°	4335.7	4138.3	3937.2	3739.8	3724.9	3706.2	3691.3	3672.7	3646.6	3616.8	3590.8
50°	4536.9	4309.7	4078.7	3847.8	3840.3	3832.9	3821.7	3814.3	3806.8	3803.1	3795.6
52.5°	4443.8	4265.0	4089.9	3911.1	3914.8	3914.8	3918.6	3918.6	3937.2	3955.8	3974.4
55°	4145.8	4056.4	3963.3	3870.1	3888.8	3911.1	3929.7	3948.4	3996.8	4041.5	4089.9
57.5°	3620.6	3635.5	3650.4	3665.3	3732.3	3795.6	3862.7	3926.0	3996.8	4063.8	4134.6
60°	2942.6	3024.6	3102.8	3184.8	3341.2	3497.6	3654.1	3810.5	3918.6	4022.9	4130.9
62.5°	2193.9	2309.4	2424.9	2540.4	2782.5	3028.3	3270.4	3512.5	3676.4	3836.6	4000.5
65°	1601.7	1709.7	1814.0	1922.0	2212.6	2503.1	2793.6	3084.2	3318.9	3549.8	3784.5
67.5°	1072.8	1151.0	1225.5	1303.7	1598.0	1892.2	2186.5	2480.8	2804.8	3128.9	3449.2
70°	*707.7*	*745.0*	*785.9*	*823.2*	*1076.5*	*1326.1*	*1579.3*	*1828.9*	*2212.6*	*2592.5*	*2976.2*
72.5°	484.2	495.4	506.6	517.8	689.1	860.4	1031.8	1203.1	1590.5	1977.9	2361.6
75°	346.4	342.7	342.7	339.0	439.5	540.1	637.0	737.5	1039.2	1337.2	1638.9
77.5°	264.5	257.0	253.3	245.8	294.3	342.7	391.1	439.5	581.1	726.3	867.9
80°	167.6	160.2	149.0	141.5	160.2	178.8	197.4	216.0	238.4	260.7	283.1
82.5°	122.9	122.9	122.9	122.9	122.9	126.6	126.6	126.6	119.2	111.7	100.6
85°	78.2	74.5	70.8	67.0	59.6	52.1	44.7	37.2	41.0	44.7	44.7
87.5°	14.9	11.2	11.2	7.4	7.4	7.4	7.4	7.4	11.2	11.2	14.9
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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	*1221.8*	1221.8	1221.8
2.5°	1460.1	1445.2	1430.3	1415.4	1400.5	1385.6	1370.7	1355.9	*1341.0*	1318.6	1300.0
5°	1378.2	1419.2	1463.9	1504.8	1545.8	1523.5	1501.1	1478.8	*1456.4*	1419.2	1381.9
7.5°	1516.0	1467.6	1422.9	1378.2	1329.8	1341.0	1352.1	1363.3	*1374.5*	1341.0	1296.3
10°	1277.6	1251.6	1225.5	1199.4	1173.3	1158.4	1139.8	1124.9	*1106.3*	1199.4	1162.2
12.5°	1314.9	1303.7	1292.5	1277.6	1266.5	1192.0	1121.2	1046.7	*972.2*	942.4	953.6
15°	1184.5	1173.3	1162.2	1151.0	1139.8	1177.1	1218.0	1255.3	*1292.5*	1285.1	1277.6
17.5°	1516.0	1467.6	1422.9	1374.5	1326.1	1303.7	1277.6	1255.3	*1229.2*	1188.2	1177.1
20°	1437.8	1385.6	1333.5	1281.4	1229.2	1281.4	1329.8	1381.9	*1430.3*	1516.0	1489.9
22.5°	1389.4	1475.0	1564.4	1650.1	1735.8	1653.8	1575.6	1493.7	*1411.7*	1437.8	1311.2
25°	1758.1	1694.8	1635.2	1571.9	1508.6	1590.5	1672.5	1754.4	*1836.4*	1799.1	1739.5
27.5°	1646.4	1709.7	1769.3	1832.6	1892.2	1922.0	1955.6	1985.4	*2015.2*	1940.7	1955.6
30°	1933.2	2011.4	2085.9	2164.1	2238.6	2376.5	2510.6	2648.4	*2782.5*	2752.7	2633.5
32.5°	2145.5	2275.9	2406.3	2532.9	2663.3	2741.5	2823.4	2901.7	*2979.9*	2987.3	2838.3
35°	2443.5	2532.9	2622.3	2711.7	2801.1	2920.3	3035.8	3155.0	*3270.4*	3203.4	3035.8
37.5°	2618.6	2711.7	2808.5	2901.7	2994.8	3140.1	3285.3	3426.9	*3572.1*	3426.9	3244.4
40°	2808.5	2909.1	3013.4	3114.0	3214.6	3363.6	3508.8	3657.8	*3803.1*	3795.6	3546.1
42.5°	3065.6	3166.1	3270.4	3371.0	3471.6	3628.0	3784.5	3937.2	*4093.6*	4089.9	3806.8
45°	3318.9	3412.0	3501.4	3594.5	3683.9	3862.7	4041.5	4220.3	*4399.1*	4417.7	4097.4
47.5°	3561.0	3642.9	3724.9	3806.8	3888.8	4134.6	4376.7	4622.6	*4864.7*	4749.2	4402.8
50°	3788.2	3870.1	3952.1	4034.0	4116.0	4402.8	4693.3	4980.1	*5267.0*	5114.2	4741.8
52.5°	3993.1	4093.6	4197.9	4298.5	4399.1	4712.0	5024.8	5337.7	*5650.6*	5494.2	5110.5
55°	4134.6	4276.1	4414.0	4555.5	4693.3	5039.7	5389.9	5736.3	*6082.7*	5903.9	5460.7
57.5°	4201.6	4369.3	4540.6	4708.2	4875.8	5233.4	5594.7	5952.3	*6309.9*	6131.1	5676.7
60°	4235.2	4428.9	4622.6	4812.5	5006.2	5393.6	5784.7	6172.1	*6559.5*	6406.8	5944.9
62.5°	4160.7	4406.5	4656.1	4901.9	5147.8	5561.2	5974.7	6384.4	*6797.9*	6697.3	6257.8
65°	4015.4	4339.5	4667.3	4991.3	5315.4	5807.1	6298.7	6786.7	*7278.4*	7170.4	6730.8
67.5°	3773.3	4197.9	4622.6	5047.2	5471.8	6082.7	6689.9	7300.7	*7907.9*	7799.9	7297.0
70°	*3356.1*	*3888.8*	*4421.4*	*4950.3*	*5483.0*	*6198.2*	*6917.1*	*7632.2*	*8347.4*	*8205.9*	*7609.9*
72.5°	2748.9	3348.7	3948.4	4544.3	5144.0	5907.6	6675.0	7438.6	*8202.2*	7934.0	7256.0
75°	1936.9	2484.5	3032.0	3575.9	4123.4	4793.9	5464.4	6131.1	*6801.6*	6458.9	5795.9
77.5°	1009.4	1348.4	1683.6	2022.6	2357.8	2883.0	3404.5	3929.7	*4451.2*	3836.6	3337.5
80°	305.4	447.0	584.8	726.3	864.2	987.1	1110.0	1229.2	*1352.1*	1005.7	834.4
82.5°	93.1	122.9	149.0	178.8	204.9	204.9	204.9	201.1	*201.1*	160.2	134.1
85°	48.4	52.1	52.1	55.9	55.9	55.9	52.1	52.1	*48.4*	48.4	41.0
87.5°	14.9	14.9	18.6	18.6	18.6	18.6	18.6	14.9	*14.9*	14.9	14.9
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1285.1	1266.5	1247.8	1225.5	1203.1	1180.8	1158.4	1136.1	1113.7	1091.4	1072.8
5°	1348.4	1311.2	1273.9	1232.9	1188.2	1143.5	1102.6	1061.6	1016.9	975.9	938.7
7.5°	1251.6	1206.9	1151.0	1095.1	1039.2	983.4	923.8	867.9	808.3	748.7	700.3
10°	1121.2	1083.9	1024.3	961.0	894.0	823.2	745.0	666.8	588.5	510.3	476.8
12.5°	961.0	972.2	908.9	845.5	774.8	704.0	629.5	555.0	476.8	402.3	379.9
15°	1270.2	1262.7	1180.8	1098.8	990.8	882.8	774.8	663.0	555.0	443.3	387.4
17.5°	1162.2	1151.0	1061.6	972.2	875.3	778.5	677.9	573.6	473.1	368.8	316.6
20°	1467.6	1441.5	1329.8	1214.3	1072.8	927.5	785.9	644.4	502.9	361.3	301.7
22.5°	1184.5	1057.9	968.5	879.1	767.3	651.9	558.7	461.9	368.8	271.9	234.7
25°	1676.2	1616.6	1463.9	1307.4	1110.0	912.6	752.4	592.3	432.1	271.9	227.2
27.5°	1970.5	1985.4	1776.8	1568.2	1318.6	1069.0	860.4	651.9	443.3	234.7	201.1
30°	2514.3	2395.1	2149.2	1899.7	1549.5	1195.7	949.8	704.0	458.2	212.3	182.5
32.5°	2693.1	2544.1	2264.7	1981.6	1571.9	1158.4	912.6	666.8	417.2	171.3	152.7
35°	2871.9	2704.3	2383.9	2063.6	1594.2	1121.2	875.3	633.2	387.4	141.5	130.4
37.5°	3061.8	2879.3	2521.7	2160.4	1616.6	1072.8	838.1	599.7	365.0	126.6	115.5
40°	3300.2	3050.7	2655.8	2257.3	1638.9	1020.6	793.4	569.9	342.7	115.5	104.3
42.5°	3527.4	3244.4	2804.8	2361.6	1665.0	968.5	752.4	540.1	324.1	108.0	96.8
45°	3780.7	3460.4	2983.6	2503.1	1702.3	901.4	700.3	499.1	298.0	96.8	85.7
47.5°	4056.4	3710.0	3177.3	2644.7	1739.5	834.4	648.1	465.6	279.4	93.1	81.9
50°	4369.3	3996.8	3412.0	2823.4	1814.0	800.8	622.1	443.3	264.5	85.7	74.5
52.5°	4730.6	4346.9	3691.3	3032.0	1903.4	771.0	599.7	424.6	253.3	78.2	67.0
55°	5021.1	4577.9	3851.5	3121.4	1922.0	718.9	558.7	394.8	234.7	70.8	63.3
57.5°	5226.0	4771.6	4004.2	3236.9	1955.6	670.5	517.8	368.8	216.0	63.3	55.9
60°	5479.3	5017.4	4194.2	3367.3	1996.5	625.8	484.2	342.7	197.4	55.9	48.4
62.5°	5818.2	5378.7	4466.1	3549.8	2063.6	573.6	443.3	312.9	178.8	48.4	44.7
65°	6287.6	5848.0	4786.5	3724.9	2126.9	525.2	406.0	286.8	163.9	44.7	41.0
67.5°	6790.4	6287.6	5039.7	3788.2	2126.9	465.6	361.3	253.3	149.0	41.0	37.2
70°	*7013.9*	*6417.9*	*4998.8*	*3575.9*	*1974.2*	*372.5*	*290.5*	*204.9*	*122.9*	*37.2*	*33.5*
72.5°	6581.8	5903.9	4443.8	2983.6	1609.1	234.7	182.5	134.1	81.9	29.8	26.1
75°	5129.1	4466.1	3315.1	2160.4	1139.8	115.5	93.1	70.8	44.7	22.3	18.6
77.5°	2842.1	2342.9	1702.3	1061.6	566.2	67.0	55.9	44.7	29.8	18.6	18.6
80°	666.8	495.4	361.3	223.5	134.1	41.0	33.5	29.8	22.3	14.9	14.9
82.5°	108.0	81.9	59.6	37.2	29.8	22.3	18.6	18.6	14.9	11.2	11.2
85°	33.5	26.1	22.3	14.9	14.9	11.2	11.2	11.2	7.4	7.4	7.4
87.5°	11.2	11.2	11.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
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°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1050.4	1031.8	1009.4	994.5	979.6	961.0	946.1	931.2	916.3	901.4	886.5
5°	901.4	860.4	823.2	774.8	722.6	674.2	622.1	599.7	581.1	558.7	536.4
7.5°	651.9	603.4	555.0	536.4	517.8	495.4	476.8	458.2	439.5	420.9	402.3
10°	447.0	413.5	379.9	365.0	350.1	331.5	316.6	301.7	286.8	268.2	253.3
12.5°	357.6	331.5	309.2	283.1	257.0	230.9	204.9	197.4	190.0	178.8	171.3
15°	327.8	271.9	212.3	193.7	178.8	160.2	141.5	137.8	137.8	134.1	130.4
17.5°	264.5	212.3	160.2	152.7	141.5	134.1	122.9	115.5	108.0	100.6	93.1
20°	242.1	182.5	122.9	119.2	115.5	108.0	104.3	100.6	100.6	96.8	93.1
22.5°	201.1	163.9	126.6	115.5	104.3	93.1	81.9	81.9	85.7	85.7	85.7
25°	182.5	137.8	93.1	93.1	89.4	89.4	85.7	81.9	74.5	70.8	63.3
27.5°	167.6	134.1	100.6	93.1	85.7	78.2	70.8	70.8	67.0	67.0	63.3
30°	156.4	126.6	96.8	89.4	85.7	78.2	70.8	67.0	63.3	55.9	52.1
32.5°	137.8	119.2	100.6	93.1	81.9	74.5	63.3	59.6	55.9	48.4	44.7
35°	119.2	104.3	93.1	85.7	74.5	67.0	55.9	52.1	48.4	44.7	41.0
37.5°	104.3	93.1	81.9	74.5	67.0	55.9	48.4	44.7	41.0	37.2	33.5
40°	93.1	81.9	70.8	63.3	55.9	48.4	41.0	37.2	37.2	33.5	29.8
42.5°	85.7	74.5	63.3	55.9	52.1	44.7	37.2	33.5	29.8	26.1	22.3
45°	78.2	67.0	55.9	52.1	44.7	41.0	33.5	29.8	26.1	22.3	18.6
47.5°	70.8	59.6	48.4	44.7	41.0	33.5	29.8	26.1	22.3	18.6	14.9
50°	67.0	55.9	44.7	41.0	37.2	29.8	26.1	22.3	22.3	18.6	14.9
52.5°	59.6	48.4	37.2	33.5	29.8	26.1	22.3	18.6	18.6	14.9	11.2
55°	52.1	44.7	33.5	29.8	26.1	22.3	18.6	14.9	14.9	11.2	7.4
57.5°	48.4	37.2	29.8	26.1	22.3	18.6	14.9	14.9	11.2	11.2	7.4
60°	41.0	33.5	26.1	22.3	18.6	14.9	11.2	11.2	7.4	7.4	3.7
62.5°	37.2	33.5	26.1	22.3	18.6	14.9	11.2	11.2	7.4	7.4	3.7
65°	33.5	29.8	22.3	18.6	18.6	14.9	11.2	11.2	7.4	7.4	3.7
67.5°	33.5	26.1	22.3	18.6	14.9	11.2	7.4	7.4	7.4	3.7	3.7
70°	*26.1*	*22.3*	*14.9*	*14.9*	*11.2*	*11.2*	*7.4*	*7.4*	*7.4*	*3.7*	*3.7*
72.5°	22.3	18.6	14.9	14.9	11.2	11.2	7.4	7.4	7.4	3.7	3.7
75°	18.6	14.9	11.2	11.2	11.2	7.4	7.4	7.4	7.4	3.7	3.7
77.5°	14.9	14.9	11.2	11.2	11.2	7.4	7.4	7.4	7.4	3.7	3.7
80°	11.2	11.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7
82.5°	11.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7
85°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7
87.5°	7.4	7.4	7.4	7.4	11.2	11.2	11.2	11.2	7.4	7.4	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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CATALOG NUMBER: SDL-PA1-90-740-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	871.6	853.0	838.1	819.5	793.4	763.6	737.5	707.7	704.0	700.3	692.8
5°	525.2	514.0	502.9	491.7	484.2	476.8	469.3	461.9	454.4	450.7	443.3
7.5°	387.4	372.5	357.6	342.7	331.5	324.1	312.9	301.7	294.3	283.1	275.6
10°	238.4	219.8	204.9	186.2	193.7	201.1	204.9	212.3	212.3	208.6	208.6
12.5°	171.3	171.3	171.3	171.3	171.3	171.3	167.6	167.6	167.6	163.9	163.9
15°	126.6	122.9	119.2	115.5	115.5	115.5	111.7	111.7	119.2	122.9	130.4
17.5°	96.8	100.6	100.6	104.3	108.0	111.7	111.7	115.5	115.5	119.2	119.2
20°	93.1	93.1	89.4	89.4	85.7	85.7	81.9	78.2	81.9	89.4	93.1
22.5°	81.9	74.5	70.8	63.3	67.0	74.5	78.2	81.9	81.9	81.9	81.9
25°	67.0	67.0	70.8	70.8	67.0	63.3	59.6	55.9	59.6	63.3	63.3
27.5°	59.6	55.9	52.1	48.4	52.1	52.1	55.9	55.9	55.9	55.9	52.1
30°	52.1	52.1	48.4	48.4	48.4	44.7	44.7	41.0	44.7	44.7	48.4
32.5°	44.7	41.0	41.0	37.2	37.2	41.0	41.0	41.0	41.0	41.0	41.0
35°	41.0	37.2	37.2	33.5	33.5	33.5	33.5	33.5	37.2	37.2	41.0
37.5°	33.5	29.8	29.8	26.1	26.1	29.8	29.8	29.8	29.8	33.5	33.5
40°	29.8	26.1	26.1	22.3	22.3	26.1	26.1	26.1	26.1	29.8	29.8
42.5°	22.3	22.3	18.6	18.6	18.6	22.3	22.3	22.3	22.3	26.1	26.1
45°	18.6	18.6	14.9	14.9	14.9	18.6	18.6	18.6	18.6	18.6	18.6
47.5°	14.9	14.9	11.2	11.2	11.2	14.9	14.9	14.9	14.9	14.9	14.9
50°	14.9	11.2	11.2	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2
52.5°	11.2	11.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
55°	7.4	7.4	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7
57.5°	7.4	7.4	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7
60°	3.7	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7
62.5°	3.7	3.7	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4
65°	3.7	3.7	3.7	3.7	7.4	7.4	11.2	11.2	11.2	11.2	7.4
67.5°	3.7	3.7	3.7	3.7	7.4	7.4	11.2	11.2	11.2	7.4	7.4
70°	*3.7*	*7.4*	*7.4*	*7.4*	*7.4*	*11.2*	*11.2*	*11.2*	*11.2*	*11.2*	*7.4*
72.5°	3.7	7.4	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	7.4
75°	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	7.4
77.5°	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	7.4
80°	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	7.4
82.5°	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	7.4
85°	7.4	11.2	11.2	14.9	14.9	14.9	11.2	11.2	11.2	11.2	7.4
87.5°	7.4	11.2	11.2	14.9	14.9	14.9	11.2	11.2	11.2	11.2	7.4
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	689.1	681.7	674.2	663.0	655.6	663.0	670.5	663.0	655.6	663.0	674.2
5°	435.8	432.1	432.1	428.4	424.6	424.6	420.9	424.6	424.6	428.4	432.1
7.5°	264.5	260.7	257.0	249.6	245.8	253.3	257.0	253.3	245.8	249.6	257.0
10°	204.9	204.9	201.1	201.1	197.4	197.4	197.4	197.4	197.4	201.1	201.1
12.5°	160.2	156.4	152.7	149.0	145.3	152.7	156.4	152.7	145.3	149.0	152.7
15°	134.1	134.1	137.8	137.8	137.8	137.8	137.8	137.8	137.8	137.8	137.8
17.5°	119.2	115.5	115.5	111.7	108.0	108.0	104.3	108.0	108.0	111.7	115.5
20°	96.8	96.8	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6
22.5°	81.9	78.2	78.2	74.5	70.8	70.8	67.0	70.8	70.8	74.5	78.2
25°	67.0	67.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
27.5°	52.1	52.1	52.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	52.1
30°	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
32.5°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
35°	41.0	41.0	41.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	41.0
37.5°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
40°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
42.5°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
45°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
47.5°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
50°	11.2	11.2	11.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	11.2
52.5°	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4
55°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
62.5°	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	7.4
65°	7.4	7.4	3.7	3.7	0.0	0.0	0.0	0.0	0.0	3.7	3.7
67.5°	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
70°	*7.4*	*7.4*	*3.7*	*3.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*3.7*	*3.7*
72.5°	7.4	7.4	3.7	3.7	0.0	0.0	0.0	0.0	0.0	3.7	3.7
75°	7.4	7.4	3.7	3.7	0.0	0.0	0.0	0.0	0.0	3.7	3.7
77.5°	7.4	7.4	7.4	3.7	3.7	3.7	0.0	3.7	3.7	3.7	7.4
80°	7.4	7.4	7.4	3.7	3.7	3.7	0.0	3.7	3.7	3.7	7.4
82.5°	7.4	7.4	7.4	3.7	3.7	3.7	0.0	3.7	3.7	3.7	7.4
85°	7.4	7.4	7.4	3.7	3.7	3.7	0.0	3.7	3.7	3.7	7.4
87.5°	7.4	7.4	7.4	3.7	3.7	3.7	0.0	3.7	3.7	3.7	7.4
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	681.7	689.1	692.8	700.3	704.0	707.7	737.5	763.6	793.4	819.5	838.1
5°	432.1	435.8	443.3	450.7	454.4	461.9	469.3	476.8	484.2	491.7	502.9
7.5°	260.7	264.5	275.6	283.1	294.3	301.7	312.9	324.1	331.5	342.7	357.6
10°	204.9	204.9	208.6	208.6	212.3	212.3	204.9	201.1	193.7	186.2	204.9
12.5°	156.4	160.2	163.9	163.9	167.6	167.6	167.6	171.3	171.3	171.3	171.3
15°	134.1	134.1	130.4	122.9	119.2	111.7	111.7	115.5	115.5	115.5	119.2
17.5°	115.5	119.2	119.2	119.2	115.5	115.5	111.7	111.7	108.0	104.3	100.6
20°	96.8	96.8	93.1	89.4	81.9	78.2	81.9	85.7	85.7	89.4	89.4
22.5°	78.2	81.9	81.9	81.9	81.9	81.9	78.2	74.5	67.0	63.3	70.8
25°	67.0	67.0	63.3	63.3	59.6	55.9	59.6	63.3	67.0	70.8	70.8
27.5°	52.1	52.1	52.1	55.9	55.9	55.9	55.9	52.1	52.1	48.4	52.1
30°	48.4	48.4	48.4	44.7	44.7	41.0	44.7	44.7	48.4	48.4	48.4
32.5°	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	37.2	37.2	41.0
35°	41.0	41.0	41.0	37.2	37.2	33.5	33.5	33.5	33.5	33.5	37.2
37.5°	33.5	33.5	33.5	33.5	29.8	29.8	29.8	29.8	26.1	26.1	29.8
40°	29.8	29.8	29.8	29.8	26.1	26.1	26.1	26.1	22.3	22.3	26.1
42.5°	26.1	26.1	26.1	26.1	22.3	22.3	22.3	22.3	18.6	18.6	18.6
45°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	14.9	14.9	14.9
47.5°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	11.2	11.2	11.2
50°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	7.4	7.4	11.2
52.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
55°	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7
57.5°	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7
60°	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7
62.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7
65°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	7.4	7.4	3.7	3.7
67.5°	3.7	3.7	7.4	7.4	11.2	11.2	11.2	7.4	7.4	3.7	3.7
70°	*7.4*	*7.4*	*7.4*	*11.2*	*11.2*	*11.2*	*11.2*	*11.2*	*7.4*	*7.4*	*7.4*
72.5°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	7.4	7.4	7.4
75°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
77.5°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
80°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
82.5°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
85°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	14.9	14.9	14.9	11.2
87.5°	7.4	7.4	7.4	11.2	11.2	11.2	11.2	14.9	14.9	14.9	11.2
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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	853.0	871.6	886.5	901.4	916.3	931.2	946.1	961.0	979.6	994.5	1009.4
5°	514.0	525.2	536.4	558.7	581.1	599.7	622.1	674.2	722.6	774.8	823.2
7.5°	372.5	387.4	402.3	420.9	439.5	458.2	476.8	495.4	517.8	536.4	555.0
10°	219.8	238.4	253.3	268.2	286.8	301.7	316.6	331.5	350.1	365.0	379.9
12.5°	171.3	171.3	171.3	178.8	190.0	197.4	204.9	230.9	257.0	283.1	309.2
15°	122.9	126.6	130.4	134.1	137.8	137.8	141.5	160.2	178.8	193.7	212.3
17.5°	100.6	96.8	93.1	100.6	108.0	115.5	122.9	134.1	141.5	152.7	160.2
20°	93.1	93.1	93.1	96.8	100.6	100.6	104.3	108.0	115.5	119.2	122.9
22.5°	74.5	81.9	85.7	85.7	85.7	81.9	81.9	93.1	104.3	115.5	126.6
25°	67.0	67.0	63.3	70.8	74.5	81.9	85.7	89.4	89.4	93.1	93.1
27.5°	55.9	59.6	63.3	67.0	67.0	70.8	70.8	78.2	85.7	93.1	100.6
30°	52.1	52.1	52.1	55.9	63.3	67.0	70.8	78.2	85.7	89.4	96.8
32.5°	41.0	44.7	44.7	48.4	55.9	59.6	63.3	74.5	81.9	93.1	100.6
35°	37.2	41.0	41.0	44.7	48.4	52.1	55.9	67.0	74.5	85.7	93.1
37.5°	29.8	33.5	33.5	37.2	41.0	44.7	48.4	55.9	67.0	74.5	81.9
40°	26.1	29.8	29.8	33.5	37.2	37.2	41.0	48.4	55.9	63.3	70.8
42.5°	22.3	22.3	22.3	26.1	29.8	33.5	37.2	44.7	52.1	55.9	63.3
45°	18.6	18.6	18.6	22.3	26.1	29.8	33.5	41.0	44.7	52.1	55.9
47.5°	14.9	14.9	14.9	18.6	22.3	26.1	29.8	33.5	41.0	44.7	48.4
50°	11.2	14.9	14.9	18.6	22.3	22.3	26.1	29.8	37.2	41.0	44.7
52.5°	11.2	11.2	11.2	14.9	18.6	18.6	22.3	26.1	29.8	33.5	37.2
55°	7.4	7.4	7.4	11.2	14.9	14.9	18.6	22.3	26.1	29.8	33.5
57.5°	7.4	7.4	7.4	11.2	11.2	14.9	14.9	18.6	22.3	26.1	29.8
60°	3.7	3.7	3.7	7.4	7.4	11.2	11.2	14.9	18.6	22.3	26.1
62.5°	3.7	3.7	3.7	7.4	7.4	11.2	11.2	14.9	18.6	22.3	26.1
65°	3.7	3.7	3.7	7.4	7.4	11.2	11.2	14.9	18.6	18.6	22.3
67.5°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.2	14.9	18.6	22.3
70°	*7.4*	*3.7*	*3.7*	*3.7*	*7.4*	*7.4*	*7.4*	*11.2*	*11.2*	*14.9*	*14.9*
72.5°	7.4	3.7	3.7	3.7	7.4	7.4	7.4	11.2	11.2	14.9	14.9
75°	7.4	7.4	3.7	3.7	7.4	7.4	7.4	7.4	11.2	11.2	11.2
77.5°	7.4	7.4	3.7	3.7	7.4	7.4	7.4	7.4	11.2	11.2	11.2
80°	7.4	7.4	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4
82.5°	7.4	7.4	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4
85°	11.2	7.4	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	7.4
87.5°	11.2	7.4	3.7	7.4	7.4	11.2	11.2	11.2	11.2	7.4	7.4
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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1031.8	1050.4	1072.8	1091.4	1113.7	1136.1	1158.4	1180.8	1203.1	1225.5	1247.8
5°	860.4	901.4	938.7	975.9	1016.9	1061.6	1102.6	1143.5	1188.2	1232.9	1273.9
7.5°	603.4	651.9	700.3	748.7	808.3	867.9	923.8	983.4	1039.2	1095.1	1151.0
10°	413.5	447.0	476.8	510.3	588.5	666.8	745.0	823.2	894.0	961.0	1024.3
12.5°	331.5	357.6	379.9	402.3	476.8	555.0	629.5	704.0	774.8	845.5	908.9
15°	271.9	327.8	387.4	443.3	555.0	663.0	774.8	882.8	990.8	1098.8	1180.8
17.5°	212.3	264.5	316.6	368.8	473.1	573.6	677.9	778.5	875.3	972.2	1061.6
20°	182.5	242.1	301.7	361.3	502.9	644.4	785.9	927.5	1072.8	1214.3	1329.8
22.5°	163.9	201.1	234.7	271.9	368.8	461.9	558.7	651.9	767.3	879.1	968.5
25°	137.8	182.5	227.2	271.9	432.1	592.3	752.4	912.6	1110.0	1307.4	1463.9
27.5°	134.1	167.6	201.1	234.7	443.3	651.9	860.4	1069.0	1318.6	1568.2	1776.8
30°	126.6	156.4	182.5	212.3	458.2	704.0	949.8	1195.7	1549.5	1899.7	2149.2
32.5°	119.2	137.8	152.7	171.3	417.2	666.8	912.6	1158.4	1571.9	1981.6	2264.7
35°	104.3	119.2	130.4	141.5	387.4	633.2	875.3	1121.2	1594.2	2063.6	2383.9
37.5°	93.1	104.3	115.5	126.6	365.0	599.7	838.1	1072.8	1616.6	2160.4	2521.7
40°	81.9	93.1	104.3	115.5	342.7	569.9	793.4	1020.6	1638.9	2257.3	2655.8
42.5°	74.5	85.7	96.8	108.0	324.1	540.1	752.4	968.5	1665.0	2361.6	2804.8
45°	67.0	78.2	85.7	96.8	298.0	499.1	700.3	901.4	1702.3	2503.1	2983.6
47.5°	59.6	70.8	81.9	93.1	279.4	465.6	648.1	834.4	1739.5	2644.7	3177.3
50°	55.9	67.0	74.5	85.7	264.5	443.3	622.1	800.8	1814.0	2823.4	3412.0
52.5°	48.4	59.6	67.0	78.2	253.3	424.6	599.7	771.0	1903.4	3032.0	3691.3
55°	44.7	52.1	63.3	70.8	234.7	394.8	558.7	718.9	1922.0	3121.4	3851.5
57.5°	37.2	48.4	55.9	63.3	216.0	368.8	517.8	670.5	1955.6	3236.9	4004.2
60°	33.5	41.0	48.4	55.9	197.4	342.7	484.2	625.8	1996.5	3367.3	4194.2
62.5°	33.5	37.2	44.7	48.4	178.8	312.9	443.3	573.6	2063.6	3549.8	4466.1
65°	29.8	33.5	41.0	44.7	163.9	286.8	406.0	525.2	2126.9	3724.9	4786.5
67.5°	26.1	33.5	37.2	41.0	149.0	253.3	361.3	465.6	2126.9	3788.2	5039.7
70°	*22.3*	*26.1*	*33.5*	*37.2*	*122.9*	*204.9*	*290.5*	*372.5*	*1974.2*	*3575.9*	*4998.8*
72.5°	18.6	22.3	26.1	29.8	81.9	134.1	182.5	234.7	1609.1	2983.6	4443.8
75°	14.9	18.6	18.6	22.3	44.7	70.8	93.1	115.5	1139.8	2160.4	3315.1
77.5°	14.9	14.9	18.6	18.6	29.8	44.7	55.9	67.0	566.2	1061.6	1702.3
80°	11.2	11.2	14.9	14.9	22.3	29.8	33.5	41.0	134.1	223.5	361.3
82.5°	7.4	11.2	11.2	11.2	14.9	18.6	18.6	22.3	29.8	37.2	59.6
85°	7.4	7.4	7.4	7.4	7.4	11.2	11.2	11.2	14.9	14.9	22.3
87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	11.2
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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1266.5	1285.1	1300.0	1318.6	1341.0	1355.9	1370.7	1385.6	1400.5	1415.4	1430.3
5°	1311.2	1348.4	1381.9	1419.2	1456.4	1478.8	1501.1	1523.5	1545.8	1504.8	1463.9
7.5°	1206.9	1251.6	1296.3	1341.0	1374.5	1363.3	1352.1	1341.0	1329.8	1378.2	1422.9
10°	1083.9	1121.2	1162.2	1199.4	1106.3	1124.9	1139.8	1158.4	1173.3	1199.4	1225.5
12.5°	972.2	961.0	953.6	942.4	972.2	1046.7	1121.2	1192.0	1266.5	1277.6	1292.5
15°	1262.7	1270.2	1277.6	1285.1	1292.5	1255.3	1218.0	1177.1	1139.8	1151.0	1162.2
17.5°	1151.0	1162.2	1177.1	1188.2	1229.2	1255.3	1277.6	1303.7	1326.1	1374.5	1422.9
20°	1441.5	1467.6	1489.9	1516.0	1430.3	1381.9	1329.8	1281.4	1229.2	1281.4	1333.5
22.5°	1057.9	1184.5	1311.2	1437.8	1411.7	1493.7	1575.6	1653.8	1735.8	1650.1	1564.4
25°	1616.6	1676.2	1739.5	1799.1	1836.4	1754.4	1672.5	1590.5	1508.6	1571.9	1635.2
27.5°	1985.4	1970.5	1955.6	1940.7	2015.2	1985.4	1955.6	1922.0	1892.2	1832.6	1769.3
30°	2395.1	2514.3	2633.5	2752.7	2782.5	2648.4	2510.6	2376.5	2238.6	2164.1	2085.9
32.5°	2544.1	2693.1	2838.3	2987.3	2979.9	2901.7	2823.4	2741.5	2663.3	2532.9	2406.3
35°	2704.3	2871.9	3035.8	3203.4	3270.4	3155.0	3035.8	2920.3	2801.1	2711.7	2622.3
37.5°	2879.3	3061.8	3244.4	3426.9	3572.1	3426.9	3285.3	3140.1	2994.8	2901.7	2808.5
40°	3050.7	3300.2	3546.1	3795.6	3803.1	3657.8	3508.8	3363.6	3214.6	3114.0	3013.4
42.5°	3244.4	3527.4	3806.8	4089.9	4093.6	3937.2	3784.5	3628.0	3471.6	3371.0	3270.4
45°	3460.4	3780.7	4097.4	4417.7	4399.1	4220.3	4041.5	3862.7	3683.9	3594.5	3501.4
47.5°	3710.0	4056.4	4402.8	4749.2	4864.7	4622.6	4376.7	4134.6	3888.8	3806.8	3724.9
50°	3996.8	4369.3	4741.8	5114.2	5267.0	4980.1	4693.3	4402.8	4116.0	4034.0	3952.1
52.5°	4346.9	4730.6	5110.5	5494.2	5650.6	5337.7	5024.8	4712.0	4399.1	4298.5	4197.9
55°	4577.9	5021.1	5460.7	5903.9	6082.7	5736.3	5389.9	5039.7	4693.3	4555.5	4414.0
57.5°	4771.6	5226.0	5676.7	6131.1	6309.9	5952.3	5594.7	5233.4	4875.8	4708.2	4540.6
60°	5017.4	5479.3	5944.9	6406.8	6559.5	6172.1	5784.7	5393.6	5006.2	4812.5	4622.6
62.5°	5378.7	5818.2	6257.8	6697.3	6797.9	6384.4	5974.7	5561.2	5147.8	4901.9	4656.1
65°	5848.0	6287.6	6730.8	7170.4	7278.4	6786.7	6298.7	5807.1	5315.4	4991.3	4667.3
67.5°	6287.6	6790.4	7297.0	7799.9	7907.9	7300.7	6689.9	6082.7	5471.8	5047.2	4622.6
70°	*6417.9*	*7013.9*	*7609.9*	*8205.9*	*8347.4*	*7632.2*	*6917.1*	*6198.2*	*5483.0*	*4950.3*	*4421.4*
72.5°	5903.9	6581.8	7256.0	7934.0	8202.2	7438.6	6675.0	5907.6	5144.0	4544.3	3948.4
75°	4466.1	5129.1	5795.9	6458.9	6801.6	6131.1	5464.4	4793.9	4123.4	3575.9	3032.0
77.5°	2342.9	2842.1	3337.5	3836.6	4451.2	3929.7	3404.5	2883.0	2357.8	2022.6	1683.6
80°	495.4	666.8	834.4	1005.7	1352.1	1229.2	1110.0	987.1	864.2	726.3	584.8
82.5°	81.9	108.0	134.1	160.2	201.1	201.1	204.9	204.9	204.9	178.8	149.0
85°	26.1	33.5	41.0	48.4	48.4	52.1	52.1	55.9	55.9	55.9	52.1
87.5°	11.2	11.2	14.9	14.9	14.9	14.9	18.6	18.6	18.6	18.6	18.6
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1445.2	1460.1	1471.3	1486.2	1497.4	1508.6	1516.0	1519.7	1527.2	1530.9	1523.5
5°	1419.2	1378.2	1393.1	1408.0	1419.2	1434.1	1445.2	1456.4	1463.9	1475.0	1482.5
7.5°	1471.3	1516.0	1534.6	1553.3	1571.9	1590.5	1601.7	1612.9	1620.3	1631.5	1635.2
10°	1251.6	1277.6	1333.5	1393.1	1449.0	1504.8	1486.2	1467.6	1449.0	1430.3	1512.3
12.5°	1303.7	1314.9	1348.4	1378.2	1411.7	1441.5	1504.8	1564.4	1627.8	1687.4	1724.6
15°	1173.3	1184.5	1273.9	1359.6	1449.0	1534.6	1508.6	1482.5	1456.4	1430.3	1471.3
17.5°	1467.6	1516.0	1430.3	1341.0	1255.3	1165.9	1270.2	1378.2	1482.5	1586.8	1624.0
20°	1385.6	1437.8	1482.5	1527.2	1571.9	1616.6	1579.3	1545.8	1508.6	1471.3	1441.5
22.5°	1475.0	1389.4	1441.5	1497.4	1549.5	1601.7	1575.6	1553.3	1527.2	1501.1	1560.7
25°	1694.8	1758.1	1676.2	1594.2	1512.3	1430.3	1523.5	1616.6	1706.0	1799.1	1739.5
27.5°	1709.7	1646.4	1720.9	1791.7	1866.2	1936.9	1858.7	1784.2	1706.0	1627.8	1713.4
30°	2011.4	1933.2	1910.9	1888.5	1866.2	1843.8	1884.8	1925.8	1963.0	2004.0	2015.2
32.5°	2275.9	2145.5	2179.0	2216.3	2249.8	2283.3	2253.5	2227.5	2197.7	2167.9	2294.5
35°	2532.9	2443.5	2458.4	2473.3	2488.2	2503.1	2510.6	2514.3	2521.7	2525.5	2689.4
37.5°	2711.7	2618.6	2670.7	2722.9	2775.0	2827.2	2827.2	2823.4	2823.4	2819.7	3006.0
40°	2909.1	2808.5	2883.0	2953.8	3028.3	3099.1	3114.0	3128.9	3143.8	3158.7	3330.0
42.5°	3166.1	3065.6	3128.9	3188.5	3251.8	3311.4	3337.5	3363.6	3385.9	3412.0	3583.3
45°	3412.0	3318.9	3367.3	3415.7	3464.1	3512.5	3534.9	3557.2	3579.6	3601.9	3799.4
47.5°	3642.9	3561.0	3590.8	3616.8	3646.6	3672.7	3691.3	3706.2	3724.9	3739.8	3937.2
50°	3870.1	3788.2	3795.6	3803.1	3806.8	3814.3	3821.7	3832.9	3840.3	3847.8	4078.7
52.5°	4093.6	3993.1	3974.4	3955.8	3937.2	3918.6	3918.6	3914.8	3914.8	3911.1	4089.9
55°	4276.1	4134.6	4089.9	4041.5	3996.8	3948.4	3929.7	3911.1	3888.8	3870.1	3963.3
57.5°	4369.3	4201.6	4134.6	4063.8	3996.8	3926.0	3862.7	3795.6	3732.3	3665.3	3650.4
60°	4428.9	4235.2	4130.9	4022.9	3918.6	3810.5	3654.1	3497.6	3341.2	3184.8	3102.8
62.5°	4406.5	4160.7	4000.5	3836.6	3676.4	3512.5	3270.4	3028.3	2782.5	2540.4	2424.9
65°	4339.5	4015.4	3784.5	3549.8	3318.9	3084.2	2793.6	2503.1	2212.6	1922.0	1814.0
67.5°	4197.9	3773.3	3449.2	3128.9	2804.8	2480.8	2186.5	1892.2	1598.0	1303.7	1225.5
70°	*3888.8*	*3356.1*	*2976.2*	*2592.5*	*2212.6*	*1828.9*	*1579.3*	*1326.1*	*1076.5*	*823.2*	*785.9*
72.5°	3348.7	2748.9	2361.6	1977.9	1590.5	1203.1	1031.8	860.4	689.1	517.8	506.6
75°	2484.5	1936.9	1638.9	1337.2	1039.2	737.5	637.0	540.1	439.5	339.0	342.7
77.5°	1348.4	1009.4	867.9	726.3	581.1	439.5	391.1	342.7	294.3	245.8	253.3
80°	447.0	305.4	283.1	260.7	238.4	216.0	197.4	178.8	160.2	141.5	149.0
82.5°	122.9	93.1	100.6	111.7	119.2	126.6	126.6	126.6	122.9	122.9	122.9
85°	52.1	48.4	44.7	44.7	41.0	37.2	44.7	52.1	59.6	67.0	70.8
87.5°	14.9	14.9	14.9	11.2	11.2	7.4	7.4	7.4	7.4	7.4	11.2
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8	1221.8
2.5°	1519.7	1512.3	1504.8	1493.7	1486.2	1475.0	1463.9	1452.7	1441.5	1426.6	1415.4
5°	1489.9	1497.4	1504.8	1508.6	1516.0	1519.7	1523.5	1527.2	1530.9	1530.9	1534.6
7.5°	1635.2	1638.9	1638.9	1616.6	1598.0	1575.6	1553.3	1549.5	1549.5	1545.8	1542.1
10°	1598.0	1679.9	1761.9	1761.9	1758.1	1758.1	1754.4	1754.4	1758.1	1758.1	1758.1
12.5°	1761.9	1799.1	1836.4	1821.5	1810.3	1795.4	1780.5	1717.2	1650.1	1586.8	1519.7
15°	1512.3	1549.5	1590.5	1646.4	1702.3	1758.1	1814.0	1810.3	1810.3	1806.6	1802.8
17.5°	1657.6	1694.8	1728.3	1702.3	1676.2	1646.4	1620.3	1571.9	1523.5	1475.0	1426.6
20°	1415.4	1385.6	1355.9	1475.0	1594.2	1713.4	1832.6	1828.9	1828.9	1825.2	1821.5
22.5°	1620.3	1676.2	1735.8	1691.1	1646.4	1601.7	1557.0	1549.5	1538.4	1530.9	1519.7
25°	1679.9	1616.6	1557.0	1668.7	1784.2	1896.0	2007.7	2026.3	2045.0	2059.8	2078.5
27.5°	1802.8	1888.5	1974.2	1951.8	1929.5	1903.4	1881.1	1896.0	1910.9	1925.8	1940.7
30°	2030.1	2041.2	2052.4	2216.3	2383.9	2547.8	2711.7	2734.1	2752.7	2775.0	2793.6
32.5°	2421.2	2544.1	2670.7	2771.3	2875.6	2976.2	3076.7	3210.8	3348.7	3482.7	3616.8
35°	2857.0	3020.9	3184.8	3378.5	3575.9	3769.6	3963.3	4011.7	4063.8	4112.2	4160.7
37.5°	3192.2	3378.5	3564.7	3765.8	3963.3	4164.4	4361.8	4399.1	4436.3	4473.6	4510.8
40°	3501.4	3672.7	3844.1	4056.4	4268.7	4481.0	4693.3	4723.1	4752.9	4782.7	4812.5
42.5°	3754.7	3922.3	4093.6	4305.9	4518.3	4730.6	4942.9	4969.0	4991.3	5017.4	5039.7
45°	3996.8	4194.2	4391.6	4577.9	4764.1	4946.6	5132.9	5151.5	5166.4	5185.0	5199.9
47.5°	4138.3	4335.7	4533.2	4708.2	4883.3	5054.6	5229.7	5229.7	5229.7	5229.7	5229.7
50°	4309.7	4536.9	4767.8	4857.2	4942.9	5032.3	5118.0	5099.3	5080.7	5058.4	5039.7
52.5°	4265.0	4443.8	4618.8	4652.4	4685.9	4719.4	4752.9	4704.5	4659.8	4611.4	4563.0
55°	4056.4	4145.8	4238.9	4183.0	4123.4	4067.6	4008.0	3870.1	3732.3	3594.5	3456.7
57.5°	3635.5	3620.6	3605.7	3456.7	3311.4	3162.4	3013.4	2924.0	2838.3	2748.9	2659.6
60°	3024.6	2942.6	2860.7	2726.6	2592.5	2458.4	2324.3	2275.9	2223.7	2175.3	2123.2
62.5°	2309.4	2193.9	2078.5	2011.4	1944.4	1877.3	1810.3	1761.9	1709.7	1661.3	1609.1
65°	1709.7	1601.7	1493.7	1437.8	1381.9	1322.3	1266.5	1232.9	1199.4	1162.2	1128.6
67.5°	1151.0	1072.8	994.5	961.0	923.8	890.2	853.0	838.1	819.5	804.6	785.9
70°	*745.0*	*707.7*	*666.8*	*651.9*	*640.7*	*625.8*	*610.9*	*596.0*	*581.1*	*566.2*	*551.3*
72.5°	495.4	484.2	473.1	465.6	458.2	450.7	443.3	435.8	424.6	417.2	406.0
75°	342.7	346.4	346.4	342.7	342.7	339.0	335.2	305.4	275.6	245.8	216.0
77.5°	257.0	264.5	268.2	249.6	230.9	208.6	190.0	186.2	182.5	178.8	175.1
80°	160.2	167.6	175.1	167.6	163.9	156.4	149.0	141.5	134.1	126.6	119.2
82.5°	122.9	122.9	122.9	115.5	108.0	96.8	89.4	85.7	81.9	78.2	74.5
85°	74.5	78.2	81.9	74.5	63.3	55.9	44.7	37.2	29.8	22.3	14.9
87.5°	11.2	14.9	14.9	14.9	11.2	11.2	7.4	7.4	7.4	3.7	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):

	357.5°	360°
0°	1221.8	1221.8
2.5°	1385.6	1355.9
5°	1538.4	1542.1
7.5°	1449.0	1352.1
10°	1758.1	1758.1
12.5°	1501.1	1478.8
15°	1795.4	1787.9
17.5°	1422.9	1415.4
20°	1817.7	1814.0
22.5°	1519.7	1516.0
25°	2082.2	2082.2
27.5°	1940.7	1936.9
30°	2793.6	2793.6
32.5°	3687.6	3754.7
35°	4171.8	4183.0
37.5°	4529.4	4544.3
40°	4823.7	4834.9
42.5°	5043.5	5043.5
45°	5199.9	5199.9
47.5°	5226.0	5222.3
50°	5028.6	5017.4
52.5°	4518.3	4469.8
55°	3430.6	3400.8
57.5°	2652.1	2640.9
60°	2123.2	2123.2
62.5°	1594.2	1579.3
65°	1113.7	1095.1
67.5°	778.5	771.0
70°	*551.3*	*547.6*
72.5°	402.3	398.6
75°	212.3	204.9
77.5°	175.1	171.3
80°	122.9	122.9
82.5°	74.5	70.8
85°	11.2	7.4
87.5°	3.7	3.7
90°	0.0	0.0

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