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: P957442

Luminaire Tested: **GLAN-SB9D-750-U-SLR**

Issue Date: 1/21/2025

Report Generated By 670246001

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

Test Information

Test Method:	LM-79-08
Report Number:	P957442
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9D-750-U-SLR
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE (9) 70 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	97709 lumens
Efficiency:	N/A
Efficacy:	148.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B5 - U0 - G5

Input Watts (W):	658
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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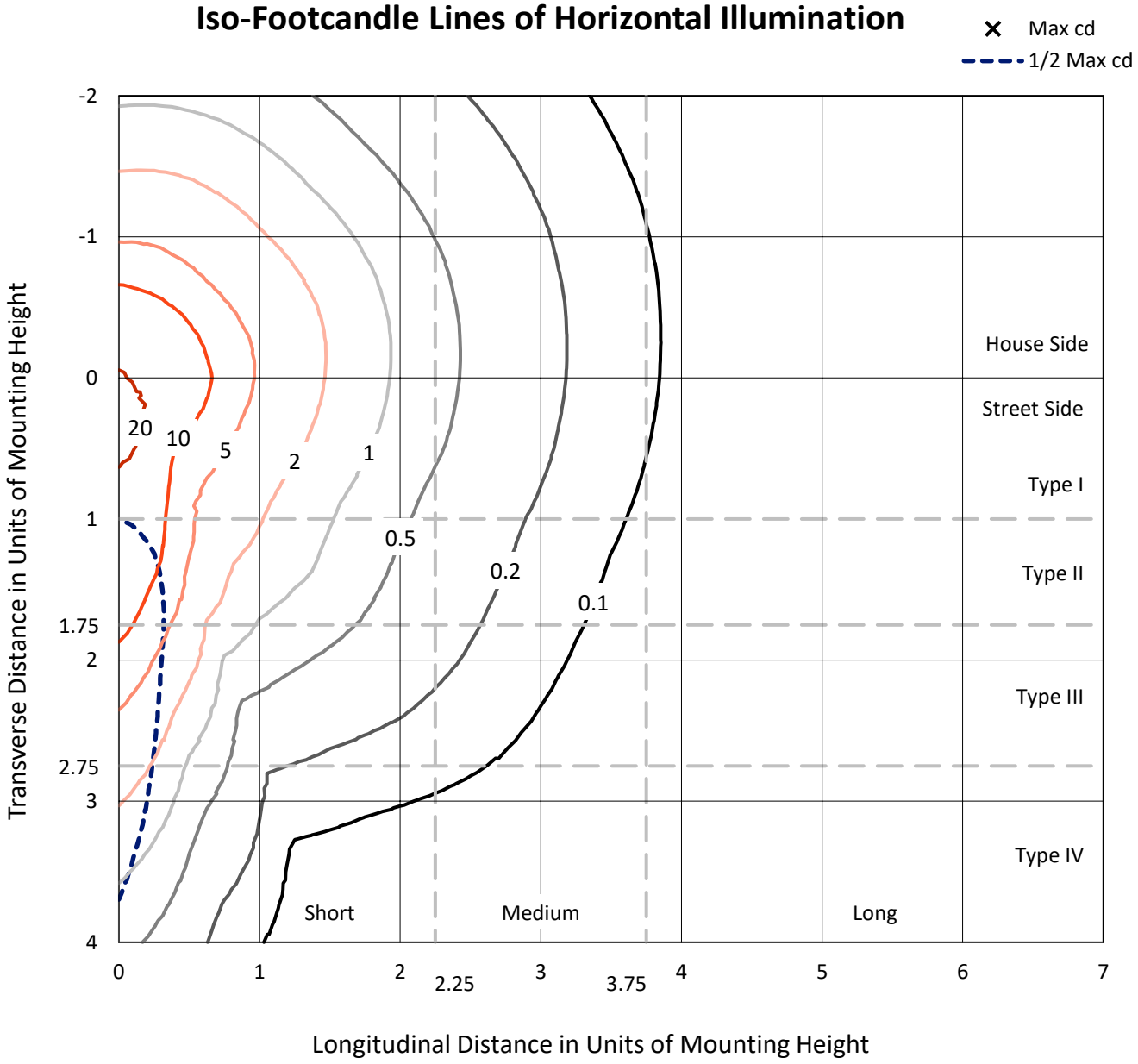
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 26.5 fc
Type IV - Short - N/A

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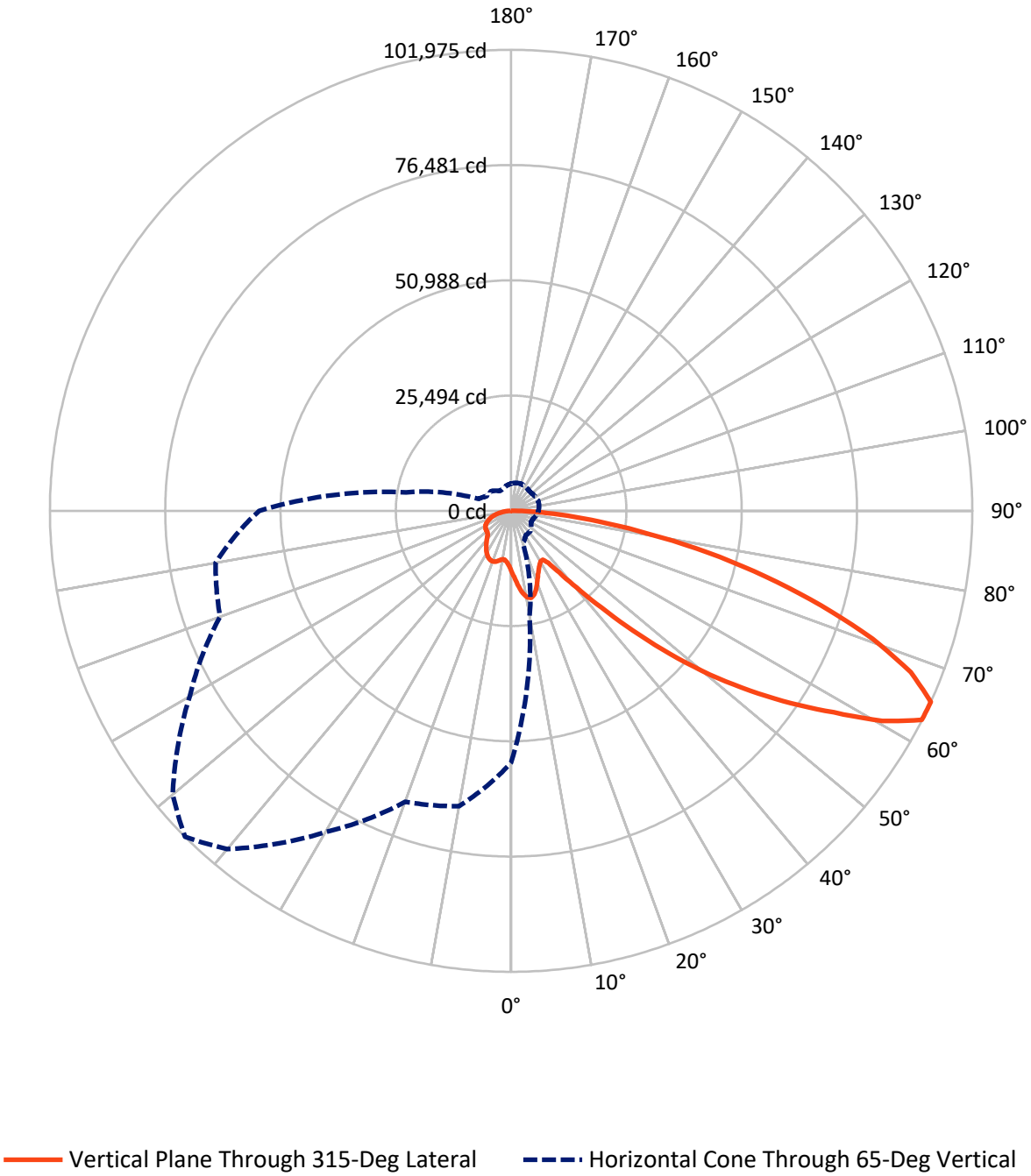
Luminous Intensity Polar Plot



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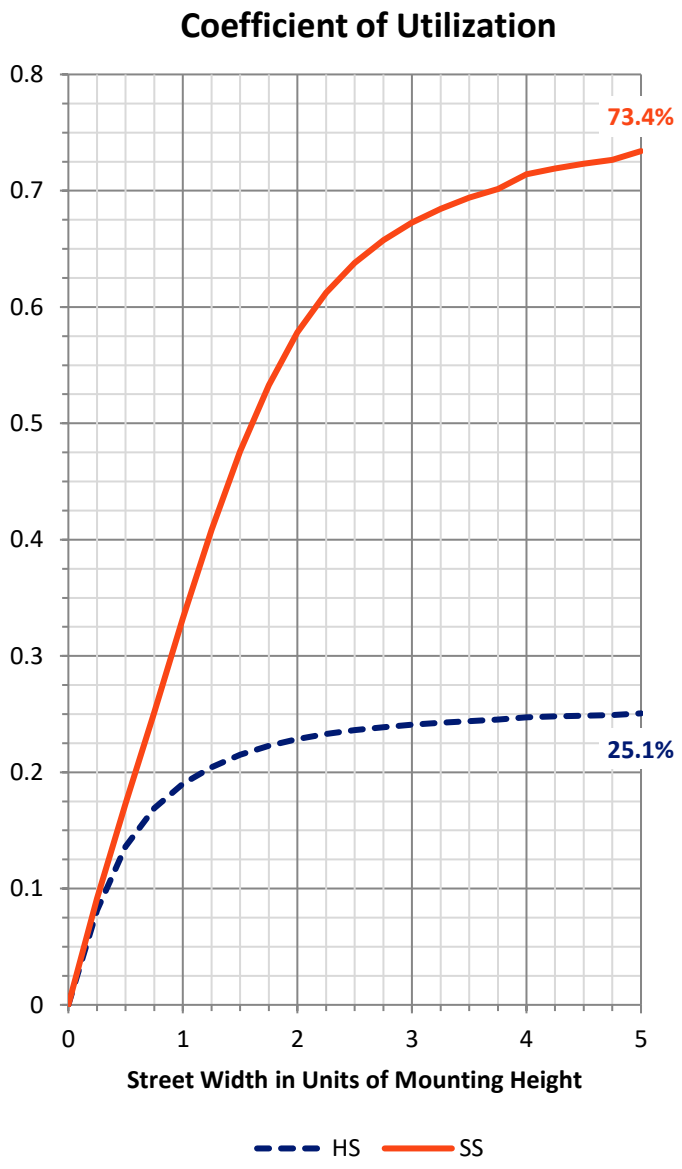
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24832.7	0.0	24832.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	72876.3	0.0	72876.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	97709.0	0.0	97709.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1332.8	1.4
10°-20°	4184.0	4.3
20°-30°	6462.8	6.6
30°-40°	8190.0	8.4
40°-50°	12352.7	12.6
50°-60°	19957.6	20.4
60°-70°	24880.3	25.5
70°-80°	16315.2	16.7
80°-90°	4033.5	4.1
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°	97709.0	100.0
0°-180°	97709.0	100.0



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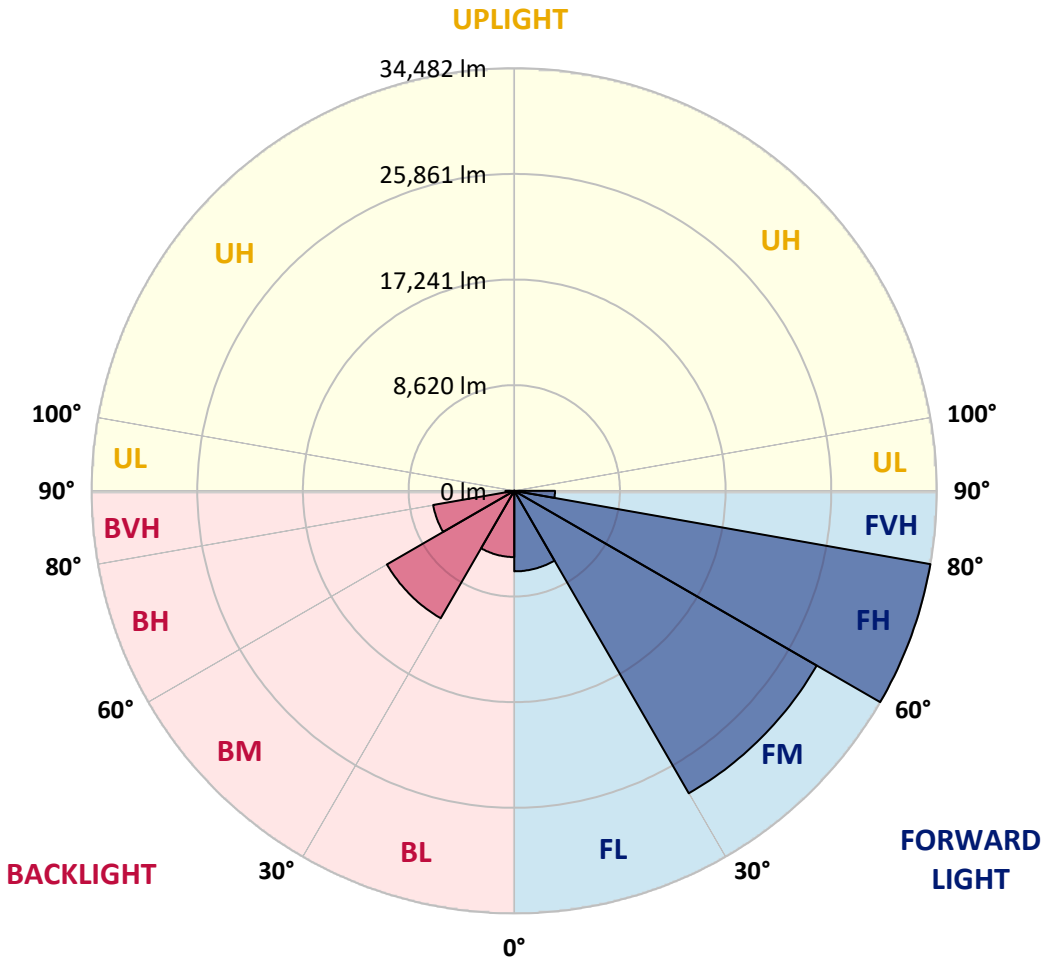
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	6572.1	6.7			
FM	(30°-60°)	28499.6	29.2			
FH	(60°-80°)	34481.9	35.3			G5
FVH	(80°-90°)	3322.7	3.4			G5
BL	(0°-30°)	5407.6	5.5	B5		
BM	(30°-60°)	12000.7	12.3	B5		
BH	(60°-80°)	6713.6	6.9	B5		G5
BVH	(80°-90°)	710.8	0.7			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
2.5°	14448.9	14338.1	14227.2	14109.2	13991.6	13873.0	13754.5	13641.0	13527.6	13417.8
5°	15536.8	15291.9	15047.0	14802.6	14558.7	14312.8	14067.4	13838.0	13608.5	13392.0
7.5°	16629.8	16225.6	15821.9	15448.6	15075.4	14711.9	14348.4	14028.2	13708.1	13412.6
10°	17467.6	16956.7	16445.7	15952.3	15459.5	15018.1	14576.3	14197.8	13818.4	13453.9
12.5°	17980.6	17419.1	16858.2	16299.3	15740.4	15219.7	14699.0	14270.5	13842.1	13459.0
15°	18292.5	17707.4	17122.2	16515.9	15909.5	15309.9	14710.3	14214.3	13718.4	13294.0
17.5°	18467.8	17874.4	17281.0	16619.5	15958.0	15262.0	14566.0	13969.4	13372.9	12873.9
20°	18661.2	18044.5	17427.4	16700.4	15973.5	15130.0	14286.5	13547.2	12807.9	12226.8
22.5°	18885.4	18255.4	17624.9	16809.7	15994.1	14968.1	13942.1	13051.7	12161.3	11499.9
25°	19174.2	18556.5	17939.4	17007.7	16075.6	14808.3	13541.5	12498.5	11456.0	10778.1
27.5°	19566.0	18977.2	18387.9	17317.1	16245.7	14701.6	13157.4	11992.7	10828.1	10210.9
30°	20094.5	19525.3	18956.6	17717.7	16478.7	14651.5	12823.3	11570.0	10316.6	9798.5
32.5°	20718.3	20154.8	19591.8	18135.8	16679.8	14589.7	12498.5	11205.5	9911.9	9494.3
35°	21476.2	20936.9	20397.1	18612.2	16827.3	14473.2	12120.1	10847.1	9574.2	9226.2
37.5°	22752.2	22064.5	21376.7	19145.8	16914.9	14273.6	11632.4	10425.4	9218.4	8914.3
40°	24680.5	23678.2	22675.9	19823.3	16970.1	13998.8	11028.1	9922.2	8816.3	8540.5
42.5°	27237.7	25791.0	24344.3	20709.5	17074.7	13715.3	10356.8	9366.9	8377.0	8122.9
45°	30395.6	28444.2	26492.7	21875.8	17258.8	13451.8	9645.3	8777.1	7908.9	7651.1
47.5°	34344.9	31598.4	28851.5	23118.3	17385.1	13234.2	9083.4	8310.5	7537.7	7205.1
50°	39521.2	35380.7	31239.6	24271.1	17302.6	12997.1	8691.5	8000.7	7309.8	6872.6
52.5°	45463.2	39353.7	33244.1	25019.7	16794.8	12596.5	8398.7	7796.5	7194.8	6692.1
55°	51789.3	42876.1	33963.4	24854.7	15745.6	11932.4	8119.2	7648.5	7177.8	6710.2
57.5°	57543.1	45372.5	33201.9	23693.7	14186.0	10996.1	7805.8	7473.2	7140.7	6728.2
60°	61020.6	45996.3	30971.5	21532.9	12094.3	9780.4	7466.5	7205.1	6943.7	6671.5
62.5°	59254.8	43369.5	27484.2	18611.1	9738.1	8325.5	6912.8	6739.1	6565.8	6532.3
65°	*55720.5*	*39652.7*	*23584.9*	*15630.1*	*7675.8*	*7016.4*	*6357.0*	*6275.0*	*6193.1*	*6197.2*
67.5°	50985.0	35229.6	19474.2	12709.9	5945.6	5758.4	5570.8	5616.7	5662.0	5650.7
70°	45295.7	30403.3	15511.0	10007.3	4503.5	4557.1	4610.3	4822.7	5034.6	5034.6
72.5°	38515.9	25171.3	11827.2	7650.6	3473.9	3635.3	3797.2	4098.3	4398.9	4449.4
75°	29939.3	19173.6	8408.0	5552.7	2697.5	2843.9	2990.3	3327.5	3664.7	3897.7
77.5°	21391.1	13419.8	5448.6	3762.7	2076.7	2176.2	2276.3	2603.6	2931.0	3315.1
80°	14000.4	8646.2	3291.9	2424.2	1557.0	1598.3	1639.5	1916.9	2193.8	2652.6
82.5°	8138.3	5004.2	1870.5	1491.0	1112.6	1119.8	1128.1	1332.2	1536.4	1928.2
85°	3580.7	2251.0	921.8	797.1	672.8	669.2	665.1	814.6	964.1	1255.4
87.5°	1108.5	737.3	366.1	330.5	294.9	291.3	287.7	348.5	409.9	531.0
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
13295.6	2.5°	13196.6	13098.1	13008.9	12920.3	12842.4	12764.6	12686.2	12608.3	12548.0	12487.2
13178.0	5°	12991.4	12804.3	12647.5	12491.3	12353.1	12215.0	12089.7	11963.9	11867.5	11770.5
13135.8	7.5°	12887.3	12639.3	12433.0	12226.8	12053.1	11878.8	11725.2	11572.0	11457.1	11342.6
13156.4	10°	12894.5	12632.6	12426.3	12220.1	12033.0	11845.3	11672.6	11499.9	11362.7	11225.1
13182.2	12.5°	12967.7	12754.2	12617.1	12481.0	12333.5	12187.1	12008.2	11829.8	11654.5	11479.2
13072.4	15°	12969.8	12867.7	12886.2	12904.8	12866.6	12828.5	12673.3	12518.1	12268.6	12019.0
12737.2	17.5°	12774.9	12812.0	13036.8	13261.6	13381.2	13500.3	13375.0	13250.2	12919.7	12589.3
12190.7	20°	12366.0	12541.3	12931.6	13322.4	13572.5	13822.5	13764.8	13706.5	13328.6	12951.2
11570.5	22.5°	11829.8	12089.2	12534.6	12981.1	13306.4	13631.7	13666.8	13701.3	13340.4	12979.5
10968.8	25°	11267.8	11566.9	11967.5	12368.6	12688.8	13008.9	13128.5	13247.6	12951.7	12656.3
10442.9	27.5°	10731.6	11020.4	11349.8	11678.8	11935.5	12192.3	12325.3	12458.8	12247.9	12037.6
9980.5	30°	10209.4	10439.3	10712.6	10985.8	11198.8	11412.2	11520.5	11628.7	11468.4	11307.5
9575.2	32.5°	9710.8	9846.4	10064.5	10283.1	10487.3	10692.0	10812.1	10932.7	10785.3	10637.3
9192.7	35°	9229.8	9267.4	9434.0	9600.0	9802.1	10004.7	10149.1	10293.4	10188.2	10083.6
8791.5	37.5°	8750.3	8709.1	8828.7	8947.8	9149.4	9351.5	9529.8	9708.2	9659.8	9611.3
8352.3	40°	8259.0	8165.6	8251.7	8337.8	8532.7	8727.6	8932.8	9138.5	9150.4	9161.7
7885.7	42.5°	7761.9	7638.2	7708.3	7779.0	7963.5	8148.6	8370.3	8592.0	8651.3	8710.6
7421.7	45°	7301.0	7180.9	7239.7	7299.5	7474.8	7650.1	7880.0	8110.0	8195.0	8280.1
7007.7	47.5°	6906.6	6805.6	6861.2	6916.4	7088.1	7259.3	7486.1	7713.0	7810.9	7908.9
6643.2	50°	6553.4	6464.3	6550.9	6638.0	6799.9	6961.3	7164.4	7367.5	7493.3	7619.1
6371.4	52.5°	6282.8	6194.6	6325.0	6455.0	6603.5	6751.4	6940.6	7130.4	7279.4	7428.4
6227.1	55°	6086.9	5947.1	6132.2	6316.8	6476.6	6636.5	6802.5	6968.0	7125.7	7284.0
6140.5	57.5°	5936.3	5732.1	5931.2	6130.2	6317.8	6505.5	6669.5	6833.9	6993.2	7152.0
6059.0	60°	5794.5	5529.5	5704.3	5878.6	6094.1	6309.6	6476.1	6643.2	6803.0	6962.8
5964.1	62.5°	5633.1	5302.7	5413.5	5524.4	5775.4	6027.0	6204.9	6382.8	6529.2	6675.6
5764.1	65°	*5412.5*	*5060.3*	*5103.1*	*5145.4*	*5414.5*	*5684.2*	*5854.3*	*6024.5*	*6153.4*	*6282.3*
5407.3	67.5°	5114.5	4821.6	4808.2	4794.8	5043.3	5292.4	5453.7	5614.6	5726.0	5837.3
4954.7	70°	4746.4	4538.1	4491.7	4445.3	4663.9	4882.5	5021.7	5160.9	5261.4	5362.0
4450.4	72.5°	4307.6	4164.8	4096.7	4029.2	4201.4	4373.1	4498.9	4624.7	4723.2	4821.6
3878.1	75°	3768.3	3658.0	3593.0	3527.5	3655.4	3783.3	3897.2	4011.2	4100.9	4190.6
3304.8	77.5°	3216.7	3128.5	3062.5	2996.5	3100.7	3204.3	3302.2	3400.2	3494.6	3588.4
2651.1	80°	2577.3	2503.1	2447.9	2392.3	2478.9	2565.0	2647.5	2730.0	2801.6	2872.8
1949.9	82.5°	1913.8	1877.7	1838.5	1799.3	1792.1	1784.9	1756.0	1727.2	1879.8	2032.4
1283.8	85°	1245.1	1206.4	1162.6	1118.8	1081.7	1044.0	964.1	884.2	1027.0	1170.4
567.1	87.5°	551.7	536.2	527.9	519.7	518.2	516.6	455.8	394.4	454.2	514.5
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
12438.2	2.5°	12389.2	12351.1	12312.9	12277.9	12242.3	12198.5	12242.3	12277.9	12312.9	12351.1
11703.0	5°	11635.4	11587.5	11539.6	11502.9	11466.3	11430.3	11466.3	11502.9	11539.6	11587.5
11262.2	7.5°	11181.7	11126.6	11071.9	11038.9	11006.4	10981.7	11006.4	11038.9	11071.9	11126.6
11135.3	10°	11044.6	10992.5	10940.5	10912.6	10884.8	10873.4	10884.8	10912.6	10940.5	10992.5
11363.2	12.5°	11247.2	11189.0	11131.2	11107.5	11083.8	11079.7	11083.8	11107.5	11131.2	11189.0
11842.7	15°	11666.4	11585.4	11505.0	11474.1	11443.1	11440.6	11443.1	11474.1	11505.0	11585.4
12329.4	17.5°	12069.6	11949.9	11829.8	11790.6	11750.9	11744.7	11750.9	11790.6	11829.8	11949.9
12632.6	20°	12314.5	12161.3	12007.7	11958.7	11909.7	11894.3	11909.7	11958.7	12007.7	12161.3
12651.6	22.5°	12323.2	12161.8	12000.0	11945.8	11891.7	11868.5	11891.7	11945.8	12000.0	12161.8
12364.5	25°	12073.7	11933.4	11793.7	11742.7	11692.2	11662.3	11692.2	11742.7	11793.7	11933.4
11811.3	27.5°	11584.9	11491.1	11396.7	11373.5	11350.3	11342.6	11350.3	11373.5	11396.7	11491.1
11145.7	30°	10982.7	10934.8	10886.3	10886.3	10886.3	10894.1	10886.3	10886.3	10886.3	10934.8
10507.9	32.5°	10378.5	10347.0	10315.6	10319.7	10324.3	10332.1	10324.3	10319.7	10315.6	10347.0
9964.0	35°	9844.9	9796.9	9749.5	9739.2	9728.9	9723.7	9728.9	9739.2	9749.5	9796.9
9501.5	37.5°	9391.2	9304.0	9217.4	9171.5	9125.6	9099.9	9125.6	9171.5	9217.4	9304.0
9068.4	40°	8975.1	8848.3	8722.5	8636.9	8552.3	8501.8	8552.3	8636.9	8722.5	8848.3
8631.7	42.5°	8553.4	8396.1	8238.9	8114.6	7990.3	7908.9	7990.3	8114.6	8238.9	8396.1
8209.0	45°	8138.3	7958.4	7779.0	7633.1	7487.1	7393.3	7487.1	7633.1	7779.0	7958.4
7859.4	47.5°	7809.9	7650.1	7490.2	7355.2	7220.6	7130.4	7220.6	7355.2	7490.2	7650.1
7616.0	50°	7614.0	7486.1	7358.3	7233.5	7108.7	7022.1	7108.7	7233.5	7358.3	7486.1
7455.2	52.5°	7482.0	7377.8	7273.7	7161.8	7050.5	6970.5	7050.5	7161.8	7273.7	7377.8
7321.1	55°	7358.3	7267.5	7176.8	7078.8	6980.9	6908.7	6980.9	7078.8	7176.8	7267.5
7189.7	57.5°	7227.3	7135.5	7043.8	6946.8	6849.4	6774.6	6849.4	6946.8	7043.8	7135.5
7004.1	60°	7045.3	6955.6	6866.4	6766.4	6666.4	6589.0	6666.4	6766.4	6866.4	6955.6
6715.3	62.5°	6755.0	6674.1	6593.1	6488.0	6382.8	6290.0	6382.8	6488.0	6593.1	6674.1
6323.0	65°	*6363.2*	*6285.3*	*6207.5*	*6105.4*	*6003.8*	*5923.9*	*6003.8*	*6105.4*	*6207.5*	*6285.3*
5877.0	67.5°	5916.2	5844.5	5773.4	5678.5	5583.7	5511.5	5583.7	5678.5	5773.4	5844.5
5400.1	70°	5438.3	5380.0	5321.7	5231.0	5140.3	5057.8	5140.3	5231.0	5321.7	5380.0
4867.0	72.5°	4912.4	4863.9	4815.5	4728.8	4642.7	4562.8	4642.7	4728.8	4815.5	4863.9
4238.0	75°	4285.4	4261.7	4238.0	4165.3	4092.6	4016.3	4092.6	4165.3	4238.0	4261.7
3632.7	77.5°	3677.1	3644.1	3610.0	3536.8	3463.6	3402.8	3463.6	3536.8	3610.0	3644.1
2931.5	80°	2990.3	2975.9	2962.0	2863.5	2764.5	2650.0	2764.5	2863.5	2962.0	2975.9
2132.4	82.5°	2232.4	2226.2	2219.5	2136.5	2053.0	1979.8	2053.0	2136.5	2219.5	2226.2
1294.1	85°	1417.8	1407.5	1397.2	1332.2	1267.3	1201.3	1267.3	1332.2	1397.2	1407.5
564.6	87.5°	614.6	602.2	588.8	555.8	521.8	489.8	521.8	555.8	588.8	602.2
0.0	90°	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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
12389.2	2.5°	12438.2	12487.2	12548.0	12608.3	12686.2	12764.6	12842.4	12920.3	13008.9	13098.1
11635.4	5°	11703.0	11770.5	11867.5	11963.9	12089.7	12215.0	12353.1	12491.3	12647.5	12804.3
11181.7	7.5°	11262.2	11342.6	11457.1	11572.0	11725.2	11878.8	12053.1	12226.8	12433.0	12639.3
11044.6	10°	11135.3	11225.1	11362.7	11499.9	11672.6	11845.3	12033.0	12220.1	12426.3	12632.6
11247.2	12.5°	11363.2	11479.2	11654.5	11829.8	12008.2	12187.1	12333.5	12481.0	12617.1	12754.2
11666.4	15°	11842.7	12019.0	12268.6	12518.1	12673.3	12828.5	12866.6	12904.8	12886.2	12867.7
12069.6	17.5°	12329.4	12589.3	12919.7	13250.2	13375.0	13500.3	13381.2	13261.6	13036.8	12812.0
12314.5	20°	12632.6	12951.2	13328.6	13706.5	13764.8	13822.5	13572.5	13322.4	12931.6	12541.3
12323.2	22.5°	12651.6	12979.5	13340.4	13701.3	13666.8	13631.7	13306.4	12981.1	12534.6	12089.2
12073.7	25°	12364.5	12656.3	12951.7	13247.6	13128.5	13008.9	12688.8	12368.6	11967.5	11566.9
11584.9	27.5°	11811.3	12037.6	12247.9	12458.8	12325.3	12192.3	11935.5	11678.8	11349.8	11020.4
10982.7	30°	11145.7	11307.5	11468.4	11628.7	11520.5	11412.2	11198.8	10985.8	10712.6	10439.3
10378.5	32.5°	10507.9	10637.3	10785.3	10932.7	10812.1	10692.0	10487.3	10283.1	10064.5	9846.4
9844.9	35°	9964.0	10083.6	10188.2	10293.4	10149.1	10004.7	9802.1	9600.0	9434.0	9267.4
9391.2	37.5°	9501.5	9611.3	9659.8	9708.2	9529.8	9351.5	9149.4	8947.8	8828.7	8709.1
8975.1	40°	9068.4	9161.7	9150.4	9138.5	8932.8	8727.6	8532.7	8337.8	8251.7	8165.6
8553.4	42.5°	8631.7	8710.6	8651.3	8592.0	8370.3	8148.6	7963.5	7779.0	7708.3	7638.2
8138.3	45°	8209.0	8280.1	8195.0	8110.0	7880.0	7650.1	7474.8	7299.5	7239.7	7180.9
7809.9	47.5°	7859.4	7908.9	7810.9	7713.0	7486.1	7259.3	7088.1	6916.4	6861.2	6805.6
7614.0	50°	7616.0	7619.1	7493.3	7367.5	7164.4	6961.3	6799.9	6638.0	6550.9	6464.3
7482.0	52.5°	7455.2	7428.4	7279.4	7130.4	6940.6	6751.4	6603.5	6455.0	6325.0	6194.6
7358.3	55°	7321.1	7284.0	7125.7	6968.0	6802.5	6636.5	6476.6	6316.8	6132.2	5947.1
7227.3	57.5°	7189.7	7152.0	6993.2	6833.9	6669.5	6505.5	6317.8	6130.2	5931.2	5732.1
7045.3	60°	7004.1	6962.8	6803.0	6643.2	6476.1	6309.6	6094.1	5878.6	5704.3	5529.5
6755.0	62.5°	6715.3	6675.6	6529.2	6382.8	6204.9	6027.0	5775.4	5524.4	5413.5	5302.7
6363.2	65°	*6323.0*	*6282.3*	*6153.4*	*6024.5*	*5854.3*	*5684.2*	*5414.5*	*5145.4*	*5103.1*	*5060.3*
5916.2	67.5°	5877.0	5837.3	5726.0	5614.6	5453.7	5292.4	5043.3	4794.8	4808.2	4821.6
5438.3	70°	5400.1	5362.0	5261.4	5160.9	5021.7	4882.5	4663.9	4445.3	4491.7	4538.1
4912.4	72.5°	4867.0	4821.6	4723.2	4624.7	4498.9	4373.1	4201.4	4029.2	4096.7	4164.8
4285.4	75°	4238.0	4190.6	4100.9	4011.2	3897.2	3783.3	3655.4	3527.5	3593.0	3658.0
3677.1	77.5°	3632.7	3588.4	3494.6	3400.2	3302.2	3204.3	3100.7	2996.5	3062.5	3128.5
2990.3	80°	2931.5	2872.8	2801.6	2730.0	2647.5	2565.0	2478.9	2392.3	2447.9	2503.1
2232.4	82.5°	2132.4	2032.4	1879.8	1727.2	1756.0	1784.9	1792.1	1799.3	1838.5	1877.7
1417.8	85°	1294.1	1170.4	1027.0	884.2	964.1	1044.0	1081.7	1118.8	1162.6	1206.4
614.6	87.5°	564.6	514.5	454.2	394.4	455.8	516.6	518.2	519.7	527.9	536.2
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
13196.6	2.5°	13295.6	13417.8	13527.6	13641.0	13754.5	13873.0	13991.6	14109.2	14227.2	14338.1
12991.4	5°	13178.0	13392.0	13608.5	13838.0	14067.4	14312.8	14558.7	14802.6	15047.0	15291.9
12887.3	7.5°	13135.8	13412.6	13708.1	14028.2	14348.4	14711.9	15075.4	15448.6	15821.9	16225.6
12894.5	10°	13156.4	13453.9	13818.4	14197.8	14576.3	15018.1	15459.5	15952.3	16445.7	16956.7
12967.7	12.5°	13182.2	13459.0	13842.1	14270.5	14699.0	15219.7	15740.4	16299.3	16858.2	17419.1
12969.8	15°	13072.4	13294.0	13718.4	14214.3	14710.3	15309.9	15909.5	16515.9	17122.2	17707.4
12774.9	17.5°	12737.2	12873.9	13372.9	13969.4	14566.0	15262.0	15958.0	16619.5	17281.0	17874.4
12366.0	20°	12190.7	12226.8	12807.9	13547.2	14286.5	15130.0	15973.5	16700.4	17427.4	18044.5
11829.8	22.5°	11570.5	11499.9	12161.3	13051.7	13942.1	14968.1	15994.1	16809.7	17624.9	18255.4
11267.8	25°	10968.8	10778.1	11456.0	12498.5	13541.5	14808.3	16075.6	17007.7	17939.4	18556.5
10731.6	27.5°	10442.9	10210.9	10828.1	11992.7	13157.4	14701.6	16245.7	17317.1	18387.9	18977.2
10209.4	30°	9980.5	9798.5	10316.6	11570.0	12823.3	14651.5	16478.7	17717.7	18956.6	19525.3
9710.8	32.5°	9575.2	9494.3	9911.9	11205.5	12498.5	14589.7	16679.8	18135.8	19591.8	20154.8
9229.8	35°	9192.7	9226.2	9574.2	10847.1	12120.1	14473.2	16827.3	18612.2	20397.1	20936.9
8750.3	37.5°	8791.5	8914.3	9218.4	10425.4	11632.4	14273.6	16914.9	19145.8	21376.7	22064.5
8259.0	40°	8352.3	8540.5	8816.3	9922.2	11028.1	13998.8	16970.1	19823.3	22675.9	23678.2
7761.9	42.5°	7885.7	8122.9	8377.0	9366.9	10356.8	13715.3	17074.7	20709.5	24344.3	25791.0
7301.0	45°	7421.7	7651.1	7908.9	8777.1	9645.3	13451.8	17258.8	21875.8	26492.7	28444.2
6906.6	47.5°	7007.7	7205.1	7537.7	8310.5	9083.4	13234.2	17385.1	23118.3	28851.5	31598.4
6553.4	50°	6643.2	6872.6	7309.8	8000.7	8691.5	12997.1	17302.6	24271.1	31239.6	35380.7
6282.8	52.5°	6371.4	6692.1	7194.8	7796.5	8398.7	12596.5	16794.8	25019.7	33244.1	39353.7
6086.9	55°	6227.1	6710.2	7177.8	7648.5	8119.2	11932.4	15745.6	24854.7	33963.4	42876.1
5936.3	57.5°	6140.5	6728.2	7140.7	7473.2	7805.8	10996.1	14186.0	23693.7	33201.9	45372.5
5794.5	60°	6059.0	6671.5	6943.7	7205.1	7466.5	9780.4	12094.3	21532.9	30971.5	45996.3
5633.1	62.5°	5964.1	6532.3	6565.8	6739.1	6912.8	8325.5	9738.1	18611.1	27484.2	43369.5
5412.5	65°	*5764.1*	*6197.2*	*6193.1*	*6275.0*	*6357.0*	*7016.4*	*7675.8*	*15630.1*	*23584.9*	*39652.7*
5114.5	67.5°	5407.3	5650.7	5662.0	5616.7	5570.8	5758.4	5945.6	12709.9	19474.2	35229.6
4746.4	70°	4954.7	5034.6	5034.6	4822.7	4610.3	4557.1	4503.5	10007.3	15511.0	30403.3
4307.6	72.5°	4450.4	4449.4	4398.9	4098.3	3797.2	3635.3	3473.9	7650.6	11827.2	25171.3
3768.3	75°	3878.1	3897.7	3664.7	3327.5	2990.3	2843.9	2697.5	5552.7	8408.0	19173.6
3216.7	77.5°	3304.8	3315.1	2931.0	2603.6	2276.3	2176.2	2076.7	3762.7	5448.6	13419.8
2577.3	80°	2651.1	2652.6	2193.8	1916.9	1639.5	1598.3	1557.0	2424.2	3291.9	8646.2
1913.8	82.5°	1949.9	1928.2	1536.4	1332.2	1128.1	1119.8	1112.6	1491.0	1870.5	5004.2
1245.1	85°	1283.8	1255.4	964.1	814.6	665.1	669.2	672.8	797.1	921.8	2251.0
551.7	87.5°	567.1	531.0	409.9	348.5	287.7	291.3	294.9	330.5	366.1	737.3
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	*13435.8*	13435.8
14448.9	2.5°	14503.6	14558.7	14636.6	14714.4	14760.9	14807.3	14830.5	14853.7	*14843.3*	14853.7
15536.8	5°	15728.1	15919.9	16109.6	16299.8	16403.0	16506.1	16568.4	16631.3	*16678.8*	16631.3
16629.8	7.5°	16941.2	17252.1	17532.1	17812.0	17980.6	18149.2	18240.5	18331.2	*18375.0*	18331.2
17467.6	10°	17835.7	18203.8	18532.3	18860.7	19059.7	19257.7	19346.4	19434.5	*19468.0*	19434.5
17980.6	12.5°	18379.7	18778.2	19075.2	19371.1	19515.5	19659.8	19708.3	19756.8	*19761.9*	19756.8
18292.5	15°	18636.9	18980.8	19166.9	19353.6	19358.7	19363.9	19312.3	19260.8	*19199.9*	19260.8
18467.8	17.5°	18700.3	18932.9	18936.5	18939.6	18730.8	18522.0	18330.7	18138.9	*18003.8*	18138.9
18661.2	20°	18742.1	18823.6	18578.7	18333.8	17872.8	17411.9	17076.3	16740.7	*16534.4*	16740.7
18885.4	22.5°	18779.2	18673.0	18165.7	17658.4	16980.4	16302.4	15882.7	15463.1	*15235.2*	15463.1
19174.2	25°	18839.0	18503.9	17733.6	16963.4	16140.0	15316.6	14875.3	14435.0	*14219.5*	14435.0
19566.0	27.5°	18966.9	18367.3	17347.0	16327.2	15414.6	14502.0	14067.9	13634.3	*13430.7*	13634.3
20094.5	30°	19201.0	18308.0	17052.1	15796.1	14845.4	13894.7	13492.0	13089.4	*12899.6*	13089.4
20718.3	32.5°	19494.8	18271.9	16851.0	15430.1	14536.6	13643.1	13327.0	13010.5	*12873.9*	13010.5
21476.2	35°	19979.0	18482.3	17001.5	15521.3	14900.6	14280.3	14206.6	14132.9	*14121.5*	14132.9
22752.2	37.5°	20991.0	19229.8	17884.2	16538.5	16498.3	16458.1	16795.3	17132.5	*17307.8*	17132.5
24680.5	40°	22765.1	20849.8	19849.0	18848.3	19554.6	20261.0	21080.7	21900.5	*22308.8*	21900.5
27237.7	42.5°	25337.3	23436.9	22860.5	22284.1	23824.6	25365.2	26856.2	28347.2	*29222.7*	28347.2
30395.6	45°	28688.5	26981.0	26726.8	26472.1	28940.1	31408.7	33858.7	36309.2	*37796.6*	36309.2
34344.9	47.5°	32684.2	31023.1	30971.5	30919.9	34480.5	38040.0	41626.8	45213.2	*47319.3*	45213.2
39521.2	50°	37469.8	35418.8	35427.6	35436.4	40025.0	44613.6	49348.1	54082.6	*56945.0*	54082.6
45463.2	52.5°	42979.2	40495.7	40244.6	39993.0	45474.0	50955.1	56813.0	62670.5	*66101.6*	62670.5
51789.3	55°	49335.2	46881.0	45902.0	44922.9	51023.2	57122.9	64106.3	71089.8	*75170.5*	71089.8
57543.1	57.5°	56206.7	54869.8	52906.0	50942.7	57102.3	63261.8	71171.7	79081.1	*84141.5*	79081.1
61020.6	60°	63096.3	65172.5	62733.9	60295.2	66124.3	71953.3	80422.1	88890.9	*94360.1*	88890.9
59254.8	62.5°	64926.6	70598.4	70323.6	70048.3	75388.1	80728.4	88785.8	96842.6	*101897.8*	96842.6
55720.5	65°	*61043.8*	*66367.1*	*67420.4*	*68473.2*	*75259.2*	*82045.7*	*89858.7*	*97671.2*	*101975.2*	*97671.2*
50985.0	67.5°	56047.9	61110.9	61604.8	62098.2	69168.7	76238.8	84085.3	91931.8	*95303.6*	91931.8
45295.7	70°	50802.5	56309.8	56530.5	56751.7	63074.7	69397.1	76149.6	82901.5	*84775.6*	82901.5
38515.9	72.5°	44835.2	51155.1	51313.9	51472.2	56419.1	61366.1	66423.3	71480.1	*71669.8*	71480.1
29939.3	75°	36479.9	43020.4	43607.7	44194.9	48043.7	51892.4	55452.4	59012.5	*58058.7*	59012.5
21391.1	77.5°	27496.5	33602.5	34442.8	35283.2	38209.1	41135.0	43659.7	46185.0	*44545.5*	46185.0
14000.4	80°	19137.0	24273.2	25317.7	26362.3	28572.0	30780.7	32106.8	33432.3	*30795.2*	33432.3
8138.3	82.5°	11649.9	15162.0	16328.7	17496.0	19016.9	20537.8	21091.1	21643.7	*19571.1*	21643.7
3580.7	85°	5444.4	7308.2	8300.7	9293.2	10542.9	11792.2	12106.2	12420.2	*10760.0*	12420.2
1108.5	87.5°	1734.9	2361.3	2915.0	3468.8	4093.6	4718.5	4745.3	4771.6	*4006.0*	4771.6
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
13435.8	0°	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8	13435.8
14830.5	2.5°	14807.3	14760.9	14714.4	14636.6	14558.7	14503.6	14448.9
16568.4	5°	16506.1	16403.0	16299.8	16109.6	15919.9	15728.1	15536.8
18240.5	7.5°	18149.2	17980.6	17812.0	17532.1	17252.1	16941.2	16629.8
19346.4	10°	19257.7	19059.7	18860.7	18532.3	18203.8	17835.7	17467.6
19708.3	12.5°	19659.8	19515.5	19371.1	19075.2	18778.2	18379.7	17980.6
19312.3	15°	19363.9	19358.7	19353.6	19166.9	18980.8	18636.9	18292.5
18330.7	17.5°	18522.0	18730.8	18939.6	18936.5	18932.9	18700.3	18467.8
17076.3	20°	17411.9	17872.8	18333.8	18578.7	18823.6	18742.1	18661.2
15882.7	22.5°	16302.4	16980.4	17658.4	18165.7	18673.0	18779.2	18885.4
14875.3	25°	15316.6	16140.0	16963.4	17733.6	18503.9	18839.0	19174.2
14067.9	27.5°	14502.0	15414.6	16327.2	17347.0	18367.3	18966.9	19566.0
13492.0	30°	13894.7	14845.4	15796.1	17052.1	18308.0	19201.0	20094.5
13327.0	32.5°	13643.1	14536.6	15430.1	16851.0	18271.9	19494.8	20718.3
14206.6	35°	14280.3	14900.6	15521.3	17001.5	18482.3	19979.0	21476.2
16795.3	37.5°	16458.1	16498.3	16538.5	17884.2	19229.8	20991.0	22752.2
21080.7	40°	20261.0	19554.6	18848.3	19849.0	20849.8	22765.1	24680.5
26856.2	42.5°	25365.2	23824.6	22284.1	22860.5	23436.9	25337.3	27237.7
33858.7	45°	31408.7	28940.1	26472.1	26726.8	26981.0	28688.5	30395.6
41626.8	47.5°	38040.0	34480.5	30919.9	30971.5	31023.1	32684.2	34344.9
49348.1	50°	44613.6	40025.0	35436.4	35427.6	35418.8	37469.8	39521.2
56813.0	52.5°	50955.1	45474.0	39993.0	40244.6	40495.7	42979.2	45463.2
64106.3	55°	57122.9	51023.2	44922.9	45902.0	46881.0	49335.2	51789.3
71171.7	57.5°	63261.8	57102.3	50942.7	52906.0	54869.8	56206.7	57543.1
80422.1	60°	71953.3	66124.3	60295.2	62733.9	65172.5	63096.3	61020.6
88785.8	62.5°	80728.4	75388.1	70048.3	70323.6	70598.4	64926.6	59254.8
89858.7	65°	*82045.7*	*75259.2*	*68473.2*	*67420.4*	*66367.1*	*61043.8*	*55720.5*
84085.3	67.5°	76238.8	69168.7	62098.2	61604.8	61110.9	56047.9	50985.0
76149.6	70°	69397.1	63074.7	56751.7	56530.5	56309.8	50802.5	45295.7
66423.3	72.5°	61366.1	56419.1	51472.2	51313.9	51155.1	44835.2	38515.9
55452.4	75°	51892.4	48043.7	44194.9	43607.7	43020.4	36479.9	29939.3
43659.7	77.5°	41135.0	38209.1	35283.2	34442.8	33602.5	27496.5	21391.1
32106.8	80°	30780.7	28572.0	26362.3	25317.7	24273.2	19137.0	14000.4
21091.1	82.5°	20537.8	19016.9	17496.0	16328.7	15162.0	11649.9	8138.3
12106.2	85°	11792.2	10542.9	9293.2	8300.7	7308.2	5444.4	3580.7
4745.3	87.5°	4718.5	4093.6	3468.8	2915.0	2361.3	1734.9	1108.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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