

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: P954647

Luminaire Tested: **GLAN-SB7D-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954647
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-SB7D-830-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 64794 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

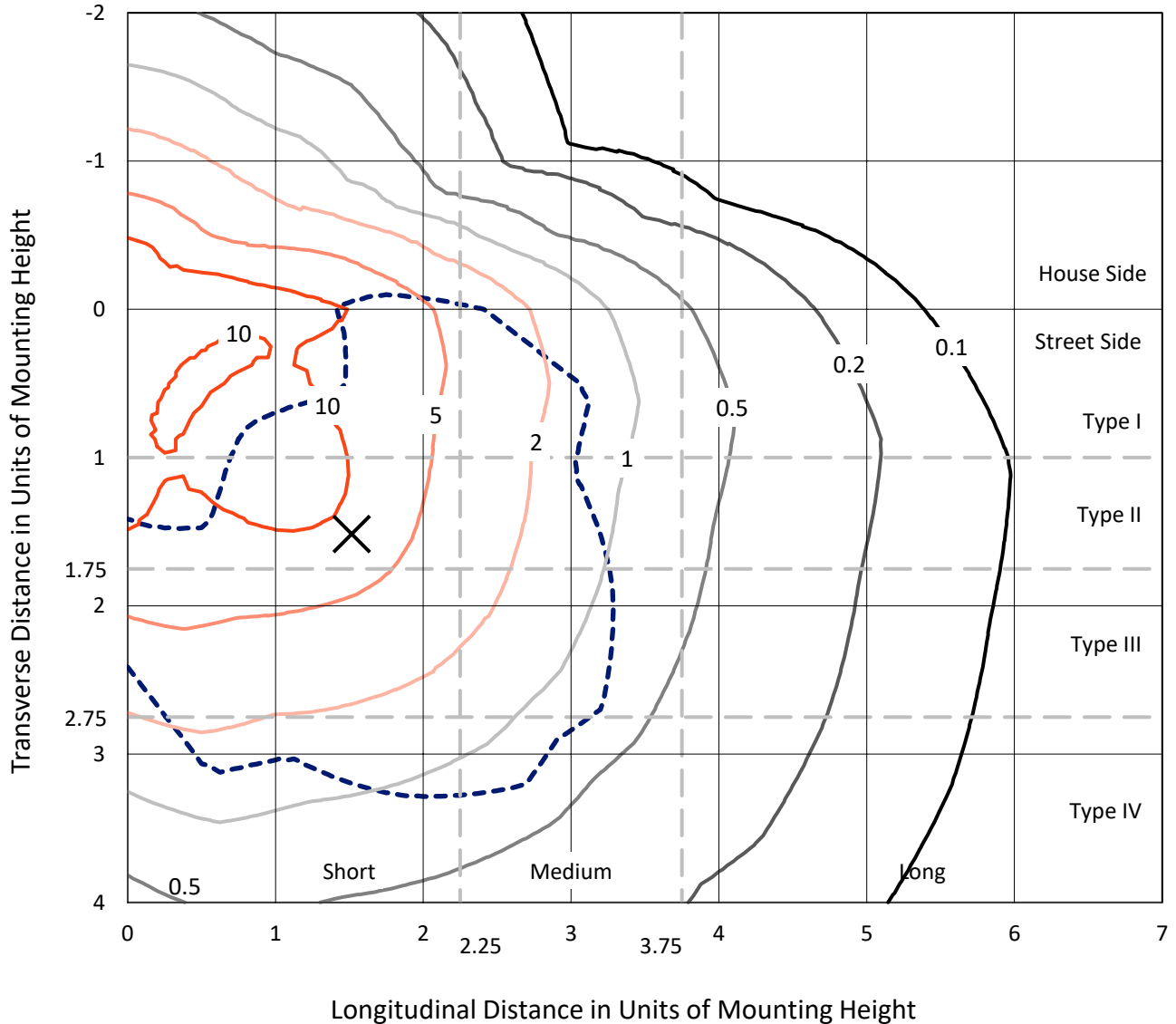
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

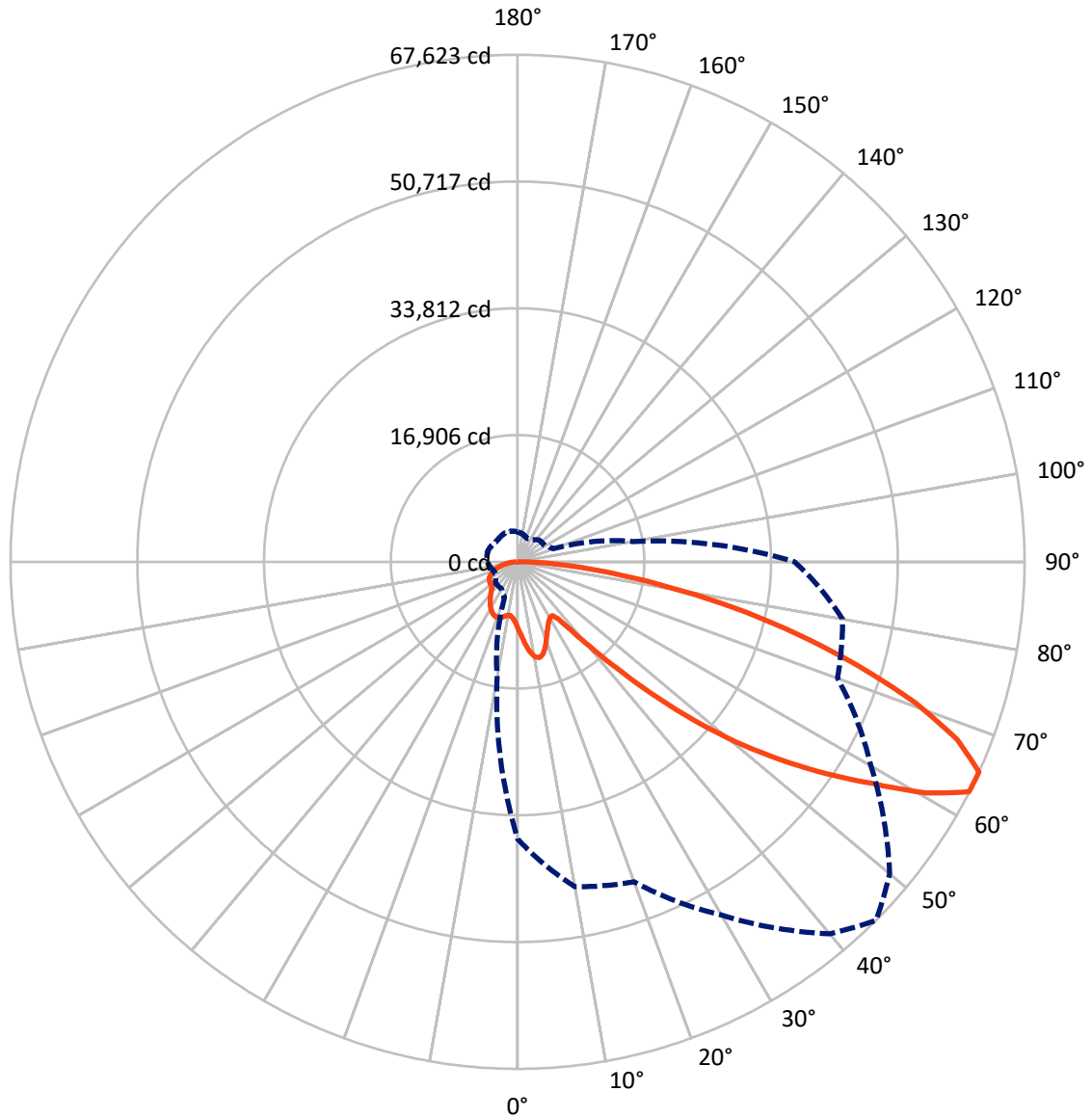
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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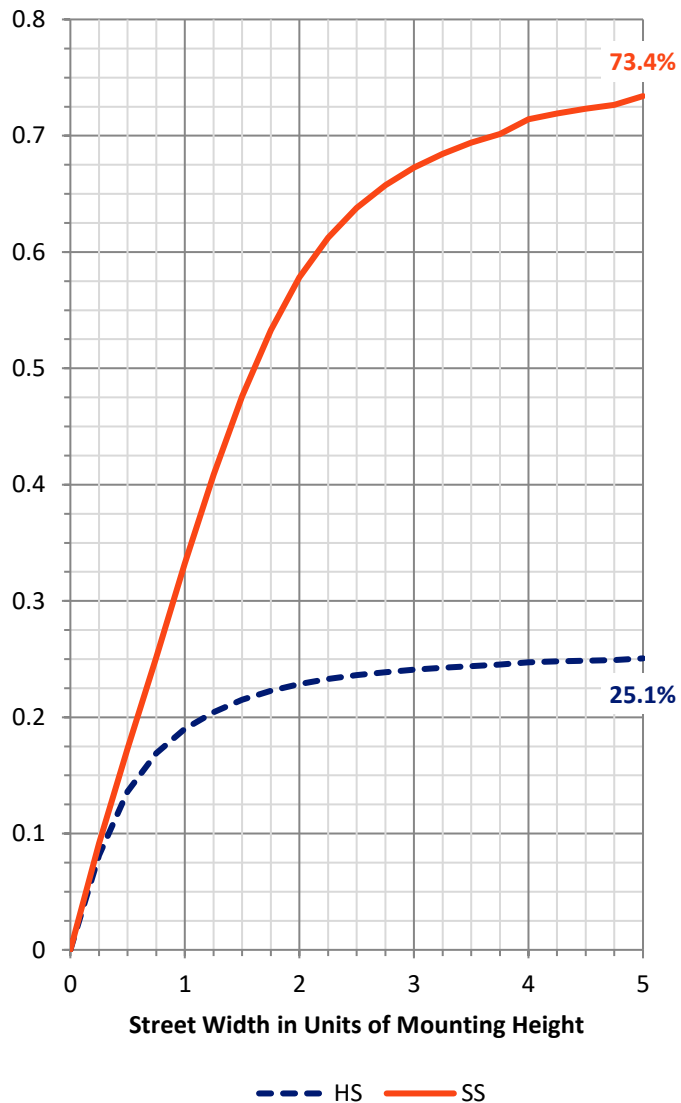
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16467.4	0.0	16467.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	48326.6	0.0	48326.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	64794.0	0.0	64794.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	883.8	1.4
10°-20°	2774.6	4.3
20°-30°	4285.7	6.6
30°-40°	5431.1	8.4
40°-50°	8191.5	12.6
50°-60°	13234.5	20.4
60°-70°	16498.9	25.5
70°-80°	10819.2	16.7
80°-90°	2674.8	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°	64794.0	100.0
0°-180°	64794.0	100.0

Coefficient of Utilization

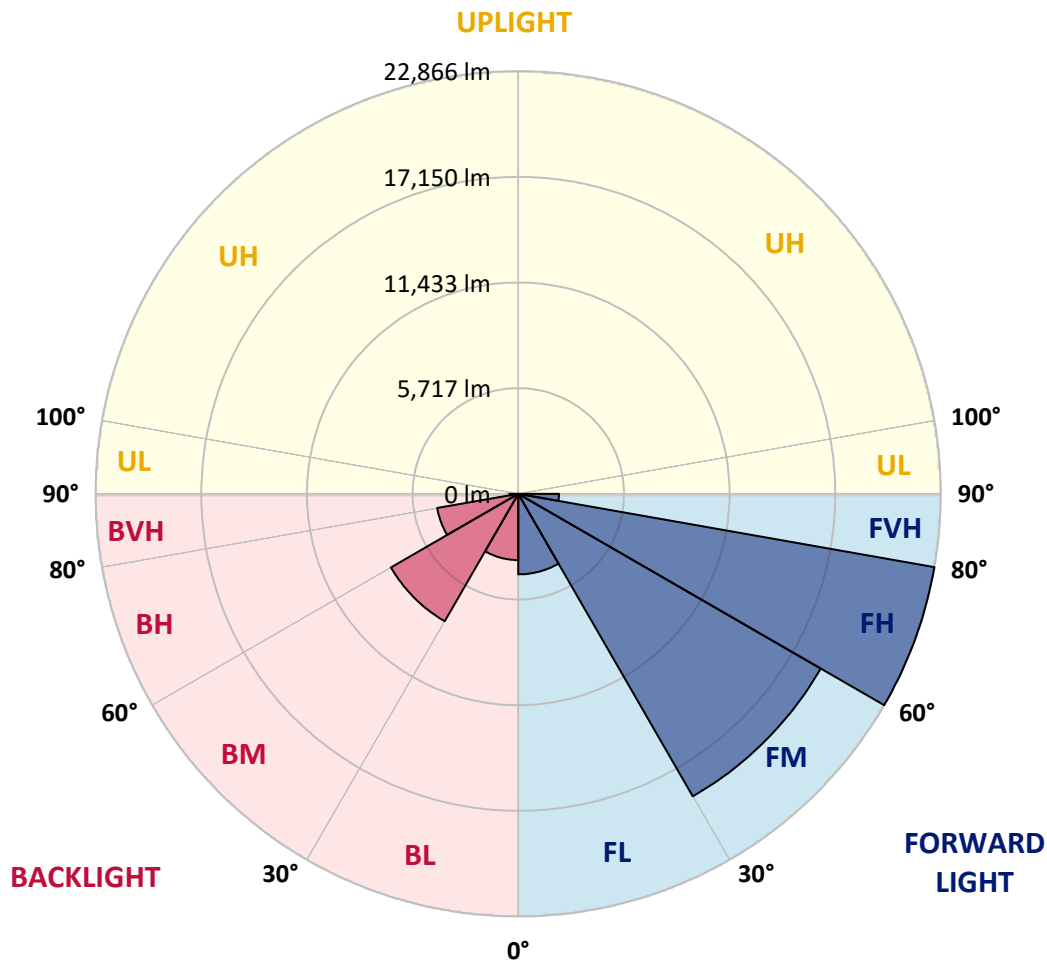


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4358.1	6.7			
FM (30°-60°)	18899.0	29.2			
FH (60°-80°)	22866.1	35.3			G5
FVH (80°-90°)	2203.4	3.4			G5
BL (0°-30°)	3586.0	5.5	B4/5000		
BM (30°-60°)	7958.0	12.3	B4/8500		
BH (60°-80°)	4452.0	6.9	B4/5000		G4/5000
BVH (80°-90°)	471.3	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
2.5°	9581.6	9617.8	9654.4	9706.0	9757.6	9788.4	9819.2	9834.6	9849.9	9843.1
5°	10302.9	10429.8	10557.0	10682.8	10808.9	10877.3	10945.7	10987.1	11028.8	11060.2
7.5°	11027.8	11234.3	11440.4	11626.1	11811.7	11923.5	12035.3	12095.8	12156.0	12185.1
10°	11583.3	11827.4	12071.6	12289.3	12507.1	12639.1	12770.4	12829.2	12887.7	12909.9
12.5°	11923.5	12188.1	12452.4	12649.4	12845.6	12941.3	13037.1	13069.2	13101.3	13104.8
15°	12130.4	12358.8	12586.8	12710.2	12834.0	12837.4	12840.8	12806.6	12772.4	12732.1
17.5°	12246.6	12400.8	12555.0	12557.4	12559.4	12421.0	12282.5	12155.7	12028.5	11938.9
20°	12374.8	12428.5	12482.5	12320.1	12157.7	11852.1	11546.4	11323.8	11101.3	10964.5
22.5°	12523.5	12453.1	12382.7	12046.3	11709.8	11260.2	10810.7	10532.4	10254.1	10102.9
25°	12715.0	12492.8	12270.5	11759.8	11249.0	10703.0	10157.0	9864.3	9572.3	9429.4
27.5°	12974.8	12577.6	12179.9	11503.3	10827.1	10221.9	9616.8	9328.9	9041.4	8906.3
30°	13325.3	12732.8	12140.6	11307.8	10474.9	9844.5	9214.0	8947.0	8680.0	8554.2
32.5°	13739.0	12927.7	12116.7	11174.4	10232.2	9639.7	9047.2	8837.6	8627.7	8537.1
35°	14241.6	13248.7	12256.2	11274.3	10292.7	9881.1	9469.8	9420.9	9372.0	9364.5
37.5°	15087.7	13919.8	12751.9	11859.6	10967.2	10940.6	10913.9	11137.5	11361.1	11477.3
40°	16366.4	15096.3	13826.2	13162.5	12498.9	12967.3	13435.7	13979.3	14522.9	14793.7
42.5°	18062.2	16802.0	15541.8	15159.5	14777.3	15798.9	16820.5	17809.2	18798.0	19378.5
45°	20156.3	19024.3	17891.9	17723.4	17554.5	19191.1	20828.1	22452.8	24077.8	25064.2
47.5°	22775.2	21674.0	20572.4	20538.2	20504.0	22865.1	25225.6	27604.1	29982.3	31378.9
50°	26207.8	24847.4	23487.4	23493.2	23499.0	26541.8	29584.7	32724.3	35863.9	37762.1
52.5°	30148.1	28500.9	26854.0	26687.5	26520.6	30155.3	33790.0	37674.6	41558.8	43834.1
55°	34343.2	32715.7	31088.3	30439.1	29789.8	33835.1	37880.0	42511.0	47141.9	49848.0
57.5°	38158.7	37272.5	36386.0	35083.7	33781.8	37866.4	41951.0	47196.3	52441.3	55796.9
60°	40464.8	41841.2	43218.0	41600.9	39983.7	43849.2	47714.6	53330.5	58946.5	62573.3
62.5°	39293.8	43054.9	46816.1	46633.9	46451.3	49992.3	53533.6	58876.7	64219.5	67571.7
65°	36950.1	40480.1	44010.2	44708.7	45406.8	49906.8	54407.2	59588.2	64768.9	67623.0
67.5°	33809.8	37167.2	40524.6	40852.1	41179.3	45868.0	50556.4	55759.7	60963.0	63198.9
70°	30037.0	33688.8	37340.9	37487.2	37633.9	41826.9	46019.5	50497.3	54974.7	56217.5
72.5°	25541.1	29731.7	33922.6	34027.9	34132.9	37413.4	40693.8	44047.4	47400.7	47526.6
75°	19853.7	24191.0	28528.2	28917.7	29307.1	31859.3	34411.5	36772.3	39133.1	38500.6
77.5°	14185.1	18233.8	22282.9	22840.2	23397.5	25337.7	27277.9	28952.2	30626.8	29539.6
80°	9284.1	12690.4	16096.3	16789.0	17481.7	18947.0	20411.7	21291.0	22170.1	20421.3
82.5°	5396.8	7725.4	10054.4	10828.1	11602.1	12610.7	13619.3	13986.2	14352.7	12978.3
85°	2374.4	3610.4	4846.3	5504.5	6162.6	6991.4	7819.8	8028.0	8236.2	7135.3
87.5°	735.1	1150.5	1565.9	1933.1	2300.3	2714.6	3129.0	3146.8	3164.2	2656.5
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°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
9849.9	2.5°	9834.6	9819.2	9788.4	9757.6	9706.0	9654.4	9617.8	9581.6	9508.0	9434.5
11028.8	5°	10987.1	10945.7	10877.3	10808.9	10682.8	10557.0	10429.8	10302.9	10140.5	9978.1
12156.0	7.5°	12095.8	12035.3	11923.5	11811.7	11626.1	11440.4	11234.3	11027.8	10759.7	10492.0
12887.7	10°	12829.2	12770.4	12639.1	12507.1	12289.3	12071.6	11827.4	11583.3	11244.5	10905.7
13101.3	12.5°	13069.2	13037.1	12941.3	12845.6	12649.4	12452.4	12188.1	11923.5	11551.2	11179.2
12772.4	15°	12806.6	12840.8	12837.4	12834.0	12710.2	12586.8	12358.8	12130.4	11742.3	11354.3
12028.5	17.5°	12155.7	12282.5	12421.0	12559.4	12557.4	12555.0	12400.8	12246.6	11853.1	11459.6
11101.3	20°	11323.8	11546.4	11852.1	12157.7	12320.1	12482.5	12428.5	12374.8	11965.9	11556.7
10254.1	22.5°	10532.4	10810.7	11260.2	11709.8	12046.3	12382.7	12453.1	12523.5	12105.7	11687.6
9572.3	25°	9864.3	10157.0	10703.0	11249.0	11759.8	12270.5	12492.8	12715.0	12305.4	11896.2
9041.4	27.5°	9328.9	9616.8	10221.9	10827.1	11503.3	12179.9	12577.6	12974.8	12584.4	12193.6
8680.0	30°	8947.0	9214.0	9844.5	10474.9	11307.8	12140.6	12732.8	13325.3	12947.8	12570.7
8627.7	32.5°	8837.6	9047.2	9639.7	10232.2	11174.4	12116.7	12927.7	13739.0	13365.3	12991.9
9372.0	35°	9420.9	9469.8	9881.1	10292.7	11274.3	12256.2	13248.7	14241.6	13883.9	13526.0
11361.1	37.5°	11137.5	10913.9	10940.6	10967.2	11859.6	12751.9	13919.8	15087.7	14631.7	14175.6
14522.9	40°	13979.3	13435.7	12967.3	12498.9	13162.5	13826.2	15096.3	16366.4	15701.8	15037.1
18798.0	42.5°	17809.2	16820.5	15798.9	14777.3	15159.5	15541.8	16802.0	18062.2	17102.9	16143.5
24077.8	45°	22452.8	20828.1	19191.1	17554.5	17723.4	17891.9	19024.3	20156.3	18862.2	17568.2
29982.3	47.5°	27604.1	25225.6	22865.1	20504.0	20538.2	20572.4	21674.0	22775.2	20953.9	19132.3
35863.9	50°	32724.3	29584.7	26541.8	23499.0	23493.2	23487.4	24847.4	26207.8	23462.1	20716.0
41558.8	52.5°	37674.6	33790.0	30155.3	26520.6	26687.5	26854.0	28500.9	30148.1	26096.7	22045.3
47141.9	55°	42511.0	37880.0	33835.1	29789.8	30439.1	31088.3	32715.7	34343.2	28432.5	22522.2
52441.3	57.5°	47196.3	41951.0	37866.4	33781.8	35083.7	36386.0	37272.5	38158.7	30088.0	22017.2
58946.5	60°	53330.5	47714.6	43849.2	39983.7	41600.9	43218.0	41841.2	40464.8	30501.6	20538.2
64219.5	62.5°	58876.7	53533.6	49992.3	46451.3	46633.9	46816.1	43054.9	39293.8	28759.7	18225.6
64768.9	65°	59588.2	54407.2	49906.8	45406.8	44708.7	44010.2	40480.1	36950.1	26295.0	15639.9
60963.0	67.5°	55759.7	50556.4	45868.0	41179.3	40852.1	40524.6	37167.2	33809.8	23361.9	12914.0
54974.7	70°	50497.3	46019.5	41826.9	37633.9	37487.2	37340.9	33688.8	30037.0	20161.4	10285.9
47400.7	72.5°	44047.4	40693.8	37413.4	34132.9	34027.9	33922.6	29731.7	25541.1	16691.9	7843.0
39133.1	75°	36772.3	34411.5	31859.3	29307.1	28917.7	28528.2	24191.0	19853.7	12714.7	5575.6
30626.8	77.5°	28952.2	27277.9	25337.7	23397.5	22840.2	22282.9	18233.8	14185.1	8899.1	3613.1
22170.1	80°	21291.0	20411.7	18947.0	17481.7	16789.0	16096.3	12690.4	9284.1	5733.5	2183.0
14352.7	82.5°	13986.2	13619.3	12610.7	11602.1	10828.1	10054.4	7725.4	5396.8	3318.4	1240.4
8236.2	85°	8028.0	7819.8	6991.4	6162.6	5504.5	4846.3	3610.4	2374.4	1492.7	611.3
3164.2	87.5°	3146.8	3129.0	2714.6	2300.3	1933.1	1565.9	1150.5	735.1	488.9	242.7
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°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
9356.2	2.5°	9278.3	9199.7	9121.0	9045.8	8970.6	8897.8	8816.7	8751.1	8685.8	8626.6
9816.1	5°	9654.4	9491.3	9328.6	9176.4	9024.3	8880.7	8738.8	8615.0	8490.9	8387.0
10244.5	7.5°	9997.0	9755.9	9514.9	9302.6	9090.3	8894.3	8710.8	8546.0	8381.5	8244.8
10578.5	10°	10251.7	9959.0	9666.0	9415.1	9163.4	8921.7	8724.4	8550.7	8377.1	8240.3
10808.6	12.5°	10438.0	10092.7	9747.4	9463.3	9179.1	8925.1	8741.5	8599.3	8457.8	8366.8
10952.2	15°	10550.1	10152.5	9754.9	9426.0	9097.1	8815.7	8668.7	8600.7	8533.0	8545.3
11020.9	17.5°	10582.3	10120.7	9659.2	9263.6	8868.0	8537.1	8446.5	8471.4	8496.0	8645.1
11074.6	20°	10592.5	10033.2	9473.9	8983.6	8493.3	8108.0	8084.1	8200.3	8316.5	8575.4
11147.1	22.5°	10606.2	9925.8	9245.5	8655.0	8064.6	7625.9	7672.8	7844.7	8016.7	8312.1
11278.4	25°	10660.2	9819.9	8979.8	8288.2	7596.9	7147.3	7273.8	7472.1	7670.4	7936.0
11483.5	27.5°	10773.1	9749.1	8725.1	7952.8	7180.4	6771.2	6925.0	7116.5	7308.0	7526.4
11749.2	30°	10927.6	9715.9	8503.6	7672.4	6841.3	6497.7	6618.4	6770.2	6922.7	7103.9
12026.4	32.5°	11060.9	9674.9	8288.2	7430.7	6572.9	6296.0	6349.6	6439.6	6529.5	6674.1
12342.3	35°	11158.7	9597.6	8037.2	7193.1	6349.0	6118.2	6096.0	6120.6	6145.5	6256.0
12696.2	37.5°	11216.8	9465.3	7713.8	6913.4	6113.0	5911.3	5830.0	5802.6	5775.3	5854.6
13145.4	40°	11253.4	9283.1	7313.1	6579.7	5846.4	5663.5	5538.7	5476.8	5414.9	5472.0
13733.2	42.5°	11322.8	9095.0	6867.9	6211.5	5555.1	5386.5	5229.3	5147.2	5065.1	5111.6
14506.5	45°	11444.9	8920.3	6396.1	5820.4	5244.6	5073.7	4921.6	4841.5	4761.9	4800.9
15330.5	47.5°	11528.6	8776.1	6023.5	5511.0	4998.5	4778.0	4647.0	4580.0	4513.0	4549.9
16095.0	50°	11473.9	8618.8	5763.6	5305.5	4847.4	4557.4	4405.3	4345.8	4286.7	4344.1
16591.4	52.5°	11137.2	8353.1	5569.4	5170.1	4771.1	4437.8	4225.1	4166.3	4107.8	4194.3
16482.0	55°	10441.4	7912.8	5384.1	5072.0	4759.8	4449.7	4129.4	4036.4	3943.7	4066.5
15712.0	57.5°	9407.2	7291.9	5176.3	4955.7	4735.2	4461.7	4071.9	3936.6	3801.2	3933.1
14279.2	60°	8020.1	6485.7	4951.3	4778.0	4604.6	4424.1	4017.9	3842.5	3666.8	3782.7
12341.7	62.5°	6457.7	5520.9	4584.1	4468.9	4354.0	4331.8	3955.0	3735.5	3516.4	3589.9
10364.8	65°	5090.1	4652.8	4215.5	4161.2	4106.8	4109.6	3822.4	3589.2	3355.7	3384.1
8428.3	67.5°	3942.7	3818.6	3694.2	3724.6	3754.7	3747.1	3585.8	3391.6	3197.4	3188.5
6636.1	70°	2986.4	3022.0	3057.2	3198.1	3338.6	3338.6	3285.6	3147.5	3009.3	2978.6
5073.4	72.5°	2303.7	2410.7	2518.0	2717.7	2917.0	2950.5	2951.2	2856.5	2761.8	2716.7
3682.2	75°	1788.8	1885.9	1983.0	2206.6	2430.2	2584.7	2571.7	2498.9	2425.7	2382.7
2495.1	77.5°	1377.1	1443.1	1509.5	1726.6	1943.7	2198.4	2191.5	2133.1	2074.6	2030.8
1607.6	80°	1032.5	1059.9	1087.2	1271.2	1454.8	1759.0	1758.0	1709.1	1659.9	1623.3
988.8	82.5°	737.8	742.6	748.1	883.5	1018.8	1278.7	1293.0	1269.1	1245.2	1219.2
528.6	85°	446.2	443.8	441.0	540.2	639.3	832.5	851.3	825.7	800.0	771.0
219.2	87.5°	195.6	193.2	190.8	231.1	271.8	352.1	376.1	365.8	355.6	350.1
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°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
8567.8	2.5°	8516.2	8464.6	8412.6	8361.0	8321.0	8280.6	8248.2	8215.7	8190.4	8165.1
8283.4	5°	8191.8	8100.1	8017.1	7933.6	7869.7	7805.4	7760.6	7715.8	7684.0	7652.3
8108.0	7.5°	7992.8	7877.2	7775.3	7673.8	7597.5	7521.6	7468.3	7415.0	7378.4	7342.2
8103.5	10°	7979.4	7855.0	7740.5	7625.9	7535.0	7443.7	7384.2	7324.0	7289.5	7255.0
8276.5	12.5°	8178.8	8081.7	7963.0	7844.7	7728.5	7612.2	7535.3	7458.4	7419.8	7381.5
8557.6	15°	8532.3	8507.0	8404.1	8301.2	8135.7	7970.2	7853.3	7736.4	7682.7	7629.3
8794.2	17.5°	8873.5	8952.5	8869.4	8786.7	8567.5	8348.3	8176.0	8003.7	7924.4	7844.7
8834.5	20°	9000.3	9166.2	9127.9	9089.2	8838.6	8588.4	8377.1	8166.1	8064.6	7962.7
8608.2	22.5°	8823.9	9039.7	9062.9	9085.8	8846.5	8607.2	8389.7	8171.9	8064.9	7957.6
8202.0	25°	8414.3	8626.6	8706.0	8784.9	8588.7	8392.8	8199.3	8006.5	7913.5	7820.8
7744.6	27.5°	7914.8	8085.1	8173.3	8261.8	8122.0	7982.5	7832.4	7682.3	7620.1	7557.5
7285.1	30°	7426.3	7567.8	7639.6	7711.4	7605.1	7498.4	7391.0	7283.0	7251.2	7219.1
6819.1	32.5°	6954.4	7090.2	7169.8	7249.8	7152.1	7053.9	6968.1	6882.3	6861.5	6840.6
6366.0	35°	6500.1	6634.4	6730.2	6825.9	6756.1	6686.7	6607.4	6528.4	6496.7	6465.2
5933.6	37.5°	6067.2	6201.3	6319.6	6437.8	6405.7	6373.6	6300.7	6227.6	6169.8	6112.4
5529.1	40°	5658.3	5787.6	5923.6	6060.1	6067.9	6075.4	6013.6	5951.7	5867.6	5784.1
5158.5	42.5°	5280.9	5403.6	5550.6	5697.6	5737.0	5776.3	5724.0	5672.0	5567.7	5463.5
4840.5	45°	4956.8	5073.0	5225.5	5378.0	5434.4	5490.8	5443.6	5396.8	5277.5	5158.5
4586.5	47.5°	4700.3	4813.9	4964.3	5114.7	5179.7	5244.6	5211.8	5179.0	5073.0	4967.0
4401.9	50°	4509.2	4616.2	4750.9	4885.7	4969.1	5052.5	5050.4	5049.1	4964.3	4879.5
4280.5	52.5°	4379.0	4477.1	4602.6	4728.4	4827.2	4926.0	4943.8	4961.6	4892.5	4823.4
4188.9	55°	4294.9	4400.8	4510.9	4620.7	4725.3	4830.3	4854.9	4879.5	4819.3	4759.2
4065.1	57.5°	4189.6	4314.0	4422.7	4531.8	4637.4	4742.7	4767.7	4792.7	4731.8	4670.9
3898.3	60°	4041.2	4184.1	4294.5	4405.3	4511.3	4617.3	4644.6	4672.0	4612.5	4553.3
3663.4	62.5°	3829.9	3996.7	4114.7	4232.6	4329.7	4426.8	4453.2	4479.5	4425.8	4372.1
3412.1	65°	3590.6	3769.4	3882.2	3995.0	4080.5	4166.0	4193.0	4219.6	4168.0	4116.4
3179.6	67.5°	3344.4	3509.5	3616.5	3723.2	3797.1	3870.9	3897.2	3923.2	3875.7	3828.5
2947.8	70°	3092.8	3237.7	3330.0	3422.3	3489.0	3555.7	3581.0	3606.3	3567.7	3529.0
2671.9	72.5°	2786.1	2899.9	2983.4	3066.8	3132.1	3197.4	3227.5	3257.6	3225.4	3193.3
2339.2	75°	2424.0	2508.8	2584.4	2659.9	2719.4	2778.9	2810.4	2841.8	2826.1	2810.4
1987.1	77.5°	2056.1	2124.9	2189.8	2254.8	2317.4	2379.6	2409.0	2438.4	2416.5	2393.9
1586.4	80°	1643.8	1700.9	1755.6	1810.3	1857.8	1905.0	1944.0	1983.0	1973.4	1964.2
1193.2	82.5°	1188.4	1183.6	1164.5	1145.3	1246.5	1347.7	1414.1	1480.4	1476.3	1471.8
741.9	85°	717.3	692.3	639.3	586.3	681.1	776.1	858.2	940.2	933.4	926.5
344.6	87.5°	343.6	342.6	302.2	261.5	301.2	341.2	374.4	407.5	399.3	390.4
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°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
8141.8	2.5°	8118.3	8089.2	8118.3	8141.8	8165.1	8190.4	8215.7	8248.2	8280.6	8321.0
7628.0	5°	7603.7	7579.8	7603.7	7628.0	7652.3	7684.0	7715.8	7760.6	7805.4	7869.7
7320.3	7.5°	7298.7	7282.3	7298.7	7320.3	7342.2	7378.4	7415.0	7468.3	7521.6	7597.5
7236.5	10°	7218.0	7210.5	7218.0	7236.5	7255.0	7289.5	7324.0	7384.2	7443.7	7535.0
7365.7	12.5°	7350.0	7347.3	7350.0	7365.7	7381.5	7419.8	7458.4	7535.3	7612.2	7728.5
7608.8	15°	7588.3	7586.6	7588.3	7608.8	7629.3	7682.7	7736.4	7853.3	7970.2	8135.7
7818.8	17.5°	7792.4	7788.3	7792.4	7818.8	7844.7	7924.4	8003.7	8176.0	8348.3	8567.5
7930.2	20°	7897.7	7887.5	7897.7	7930.2	7962.7	8064.6	8166.1	8377.1	8588.4	8838.6
7921.7	22.5°	7885.8	7870.4	7885.8	7921.7	7957.6	8064.9	8171.9	8389.7	8607.2	8846.5
7787.0	25°	7753.5	7733.6	7753.5	7787.0	7820.8	7913.5	8006.5	8199.3	8392.8	8588.7
7542.2	27.5°	7526.8	7521.6	7526.8	7542.2	7557.5	7620.1	7682.3	7832.4	7982.5	8122.0
7219.1	30°	7219.1	7224.2	7219.1	7219.1	7219.1	7251.2	7283.0	7391.0	7498.4	7605.1
6843.3	32.5°	6846.4	6851.5	6846.4	6843.3	6840.6	6861.5	6882.3	6968.1	7053.9	7152.1
6458.4	35°	6451.5	6448.1	6451.5	6458.4	6465.2	6496.7	6528.4	6607.4	6686.7	6756.1
6081.9	37.5°	6051.5	6034.4	6051.5	6081.9	6112.4	6169.8	6227.6	6300.7	6373.6	6405.7
5727.4	40°	5671.3	5637.8	5671.3	5727.4	5784.1	5867.6	5951.7	6013.6	6075.4	6067.9
5381.1	42.5°	5298.7	5244.6	5298.7	5381.1	5463.5	5567.7	5672.0	5724.0	5776.3	5737.0
5061.7	45°	4965.0	4902.7	4965.0	5061.7	5158.5	5277.5	5396.8	5443.6	5490.8	5434.4
4877.4	47.5°	4788.2	4728.4	4788.2	4877.4	4967.0	5073.0	5179.0	5211.8	5244.6	5179.7
4796.8	50°	4714.0	4656.6	4714.0	4796.8	4879.5	4964.3	5049.1	5050.4	5052.5	4969.1
4749.2	52.5°	4675.4	4622.4	4675.4	4749.2	4823.4	4892.5	4961.6	4943.8	4926.0	4827.2
4694.2	55°	4629.2	4581.4	4629.2	4694.2	4759.2	4819.3	4879.5	4854.9	4830.3	4725.3
4606.7	57.5°	4542.0	4492.5	4542.0	4606.7	4670.9	4731.8	4792.7	4767.7	4742.7	4637.4
4487.0	60°	4420.7	4369.4	4420.7	4487.0	4553.3	4612.5	4672.0	4644.6	4617.3	4511.3
4302.4	62.5°	4232.6	4171.1	4232.6	4302.4	4372.1	4425.8	4479.5	4453.2	4426.8	4329.7
4048.7	65°	3981.3	3928.4	3981.3	4048.7	4116.4	4168.0	4219.6	4193.0	4166.0	4080.5
3765.6	67.5°	3702.7	3654.8	3702.7	3765.6	3828.5	3875.7	3923.2	3897.2	3870.9	3797.1
3468.8	70°	3408.7	3354.0	3408.7	3468.8	3529.0	3567.7	3606.3	3581.0	3555.7	3489.0
3135.8	72.5°	3078.7	3025.8	3078.7	3135.8	3193.3	3225.4	3257.6	3227.5	3197.4	3132.1
2762.2	75°	2713.9	2663.3	2713.9	2762.2	2810.4	2826.1	2841.8	2810.4	2778.9	2719.4
2345.4	77.5°	2296.8	2256.5	2296.8	2345.4	2393.9	2416.5	2438.4	2409.0	2379.6	2317.4
1898.9	80°	1833.2	1757.3	1833.2	1898.9	1964.2	1973.4	1983.0	1944.0	1905.0	1857.8
1416.8	82.5°	1361.4	1312.9	1361.4	1416.8	1471.8	1476.3	1480.4	1414.1	1347.7	1246.5
883.5	85°	840.4	796.6	840.4	883.5	926.5	933.4	940.2	858.2	776.1	681.1
368.6	87.5°	346.0	324.8	346.0	368.6	390.4	399.3	407.5	374.4	341.2	301.2
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
8361.0	2.5°	8412.6	8464.6	8516.2	8567.8	8626.6	8685.8	8751.1	8816.7	8897.8	8970.6
7933.6	5°	8017.1	8100.1	8191.8	8283.4	8387.0	8490.9	8615.0	8738.8	8880.7	9024.3
7673.8	7.5°	7775.3	7877.2	7992.8	8108.0	8244.8	8381.5	8546.0	8710.8	8894.3	9090.3
7625.9	10°	7740.5	7855.0	7979.4	8103.5	8240.3	8377.1	8550.7	8724.4	8921.7	9163.4
7844.7	12.5°	7963.0	8081.7	8178.8	8276.5	8366.8	8457.8	8599.3	8741.5	8925.1	9179.1
8301.2	15°	8404.1	8507.0	8532.3	8557.6	8545.3	8533.0	8600.7	8668.7	8815.7	9097.1
8786.7	17.5°	8869.4	8952.5	8873.5	8794.2	8645.1	8496.0	8471.4	8446.5	8537.1	8868.0
9089.2	20°	9127.9	9166.2	9000.3	8834.5	8575.4	8316.5	8200.3	8084.1	8108.0	8493.3
9085.8	22.5°	9062.9	9039.7	8823.9	8608.2	8312.1	8016.7	7844.7	7672.8	7625.9	8064.6
8784.9	25°	8706.0	8626.6	8414.3	8202.0	7936.0	7670.4	7472.1	7273.8	7147.3	7596.9
8261.8	27.5°	8173.3	8085.1	7914.8	7744.6	7526.4	7308.0	7116.5	6925.0	6771.2	7180.4
7711.4	30°	7639.6	7567.8	7426.3	7285.1	7103.9	6922.7	6770.2	6618.4	6497.7	6841.3
7249.8	32.5°	7169.8	7090.2	6954.4	6819.1	6674.1	6529.5	6439.6	6349.6	6296.0	6572.9
6825.9	35°	6730.2	6634.4	6500.1	6366.0	6256.0	6145.5	6120.6	6096.0	6118.2	6349.0
6437.8	37.5°	6319.6	6201.3	6067.2	5933.6	5854.6	5775.3	5802.6	5830.0	5911.3	6113.0
6060.1	40°	5923.6	5787.6	5658.3	5529.1	5472.0	5414.9	5476.8	5538.7	5663.5	5846.4
5697.6	42.5°	5550.6	5403.6	5280.9	5158.5	5111.6	5065.1	5147.2	5229.3	5386.5	5555.1
5378.0	45°	5225.5	5073.0	4956.8	4840.5	4800.9	4761.9	4841.5	4921.6	5073.7	5244.6
5114.7	47.5°	4964.3	4813.9	4700.3	4586.5	4549.9	4513.0	4580.0	4647.0	4778.0	4998.5
4885.7	50°	4750.9	4616.2	4509.2	4401.9	4344.1	4286.7	4345.8	4405.3	4557.4	4847.4
4728.4	52.5°	4602.6	4477.1	4379.0	4280.5	4194.3	4107.8	4166.3	4225.1	4437.8	4771.1
4620.7	55°	4510.9	4400.8	4294.9	4188.9	4066.5	3943.7	4036.4	4129.4	4449.7	4759.8
4531.8	57.5°	4422.7	4314.0	4189.6	4065.1	3933.1	3801.2	3936.6	4071.9	4461.7	4735.2
4405.3	60°	4294.5	4184.1	4041.2	3898.3	3782.7	3666.8	3842.5	4017.9	4424.1	4604.6
4232.6	62.5°	4114.7	3996.7	3829.9	3663.4	3589.9	3516.4	3735.5	3955.0	4331.8	4354.0
3995.0	65°	3882.2	3769.4	3590.6	3412.1	3384.1	3355.7	3589.2	3822.4	4109.6	4106.8
3723.2	67.5°	3616.5	3509.5	3344.4	3179.6	3188.5	3197.4	3391.6	3585.8	3747.1	3754.7
3422.3	70°	3330.0	3237.7	3092.8	2947.8	2978.6	3009.3	3147.5	3285.6	3338.6	3338.6
3066.8	72.5°	2983.4	2899.9	2786.1	2671.9	2716.7	2761.8	2856.5	2951.2	2950.5	2917.0
2659.9	75°	2584.4	2508.8	2424.0	2339.2	2382.7	2425.7	2498.9	2571.7	2584.7	2430.2
2254.8	77.5°	2189.8	2124.9	2056.1	1987.1	2030.8	2074.6	2133.1	2191.5	2198.4	1943.7
1810.3	80°	1755.6	1700.9	1643.8	1586.4	1623.3	1659.9	1709.1	1758.0	1759.0	1454.8
1145.3	82.5°	1164.5	1183.6	1188.4	1193.2	1219.2	1245.2	1269.1	1293.0	1278.7	1018.8
586.3	85°	639.3	692.3	717.3	741.9	771.0	800.0	825.7	851.3	832.5	639.3
261.5	87.5°	302.2	342.6	343.6	344.6	350.1	355.6	365.8	376.1	352.1	271.8
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°
8909.7	0°	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7	8909.7
9045.8	2.5°	9121.0	9199.7	9278.3	9356.2	9434.5	9508.0	9581.6
9176.4	5°	9328.6	9491.3	9654.4	9816.1	9978.1	10140.5	10302.9
9302.6	7.5°	9514.9	9755.9	9997.0	10244.5	10492.0	10759.7	11027.8
9415.1	10°	9666.0	9959.0	10251.7	10578.5	10905.7	11244.5	11583.3
9463.3	12.5°	9747.4	10092.7	10438.0	10808.6	11179.2	11551.2	11923.5
9426.0	15°	9754.9	10152.5	10550.1	10952.2	11354.3	11742.3	12130.4
9263.6	17.5°	9659.2	10120.7	10582.3	11020.9	11459.6	11853.1	12246.6
8983.6	20°	9473.9	10033.2	10592.5	11074.6	11556.7	11965.9	12374.8
8655.0	22.5°	9245.5	9925.8	10606.2	11147.1	11687.6	12105.7	12523.5
8288.2	25°	8979.8	9819.9	10660.2	11278.4	11896.2	12305.4	12715.0
7952.8	27.5°	8725.1	9749.1	10773.1	11483.5	12193.6	12584.4	12974.8
7672.4	30°	8503.6	9715.9	10927.6	11749.2	12570.7	12947.8	13325.3
7430.7	32.5°	8288.2	9674.9	11060.9	12026.4	12991.9	13365.3	13739.0
7193.1	35°	8037.2	9597.6	11158.7	12342.3	13526.0	13883.9	14241.6
6913.4	37.5°	7713.8	9465.3	11216.8	12696.2	14175.6	14631.7	15087.7
6579.7	40°	7313.1	9283.1	11253.4	13145.4	15037.1	15701.8	16366.4
6211.5	42.5°	6867.9	9095.0	11322.8	13733.2	16143.5	17102.9	18062.2
5820.4	45°	6396.1	8920.3	11444.9	14506.5	17568.2	18862.2	20156.3
5511.0	47.5°	6023.5	8776.1	11528.6	15330.5	19132.3	20953.9	22775.2
5305.5	50°	5763.6	8618.8	11473.9	16095.0	20716.0	23462.1	26207.8
5170.1	52.5°	5569.4	8353.1	11137.2	16591.4	22045.3	26096.7	30148.1
5072.0	55°	5384.1	7912.8	10441.4	16482.0	22522.2	28432.5	34343.2
4955.7	57.5°	5176.3	7291.9	9407.2	15712.0	22017.2	30088.0	38158.7
4778.0	60°	4951.3	6485.7	8020.1	14279.2	20538.2	30501.6	40464.8
4468.9	62.5°	4584.1	5520.9	6457.7	12341.7	18225.6	28759.7	39293.8
4161.2	65°	4215.5	4652.8	5090.1	10364.8	15639.9	26295.0	36950.1
3724.6	67.5°	3694.2	3818.6	3942.7	8428.3	12914.0	23361.9	33809.8
3198.1	70°	3057.2	3022.0	2986.4	6636.1	10285.9	20161.4	30037.0
2717.7	72.5°	2518.0	2410.7	2303.7	5073.4	7843.0	16691.9	25541.1
2206.6	75°	1983.0	1885.9	1788.8	3682.2	5575.6	12714.7	19853.7
1726.6	77.5°	1509.5	1443.1	1377.1	2495.1	3613.1	8899.1	14185.1
1271.2	80°	1087.2	1059.9	1032.5	1607.6	2183.0	5733.5	9284.1
883.5	82.5°	748.1	742.6	737.8	988.8	1240.4	3318.4	5396.8
540.2	85°	441.0	443.8	446.2	528.6	611.3	1492.7	2374.4
231.1	87.5°	190.8	193.2	195.6	219.2	242.7	488.9	735.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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