

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: McGRAW-EDISON

Report Number: P953849

Luminaire Tested: **GALN-SB7B-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953849
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: McGRAW-EDISON
Catalog Number: GALN-SB7B-740-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42216 lumens
Efficiency: N/A
Efficacy: 164.5 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

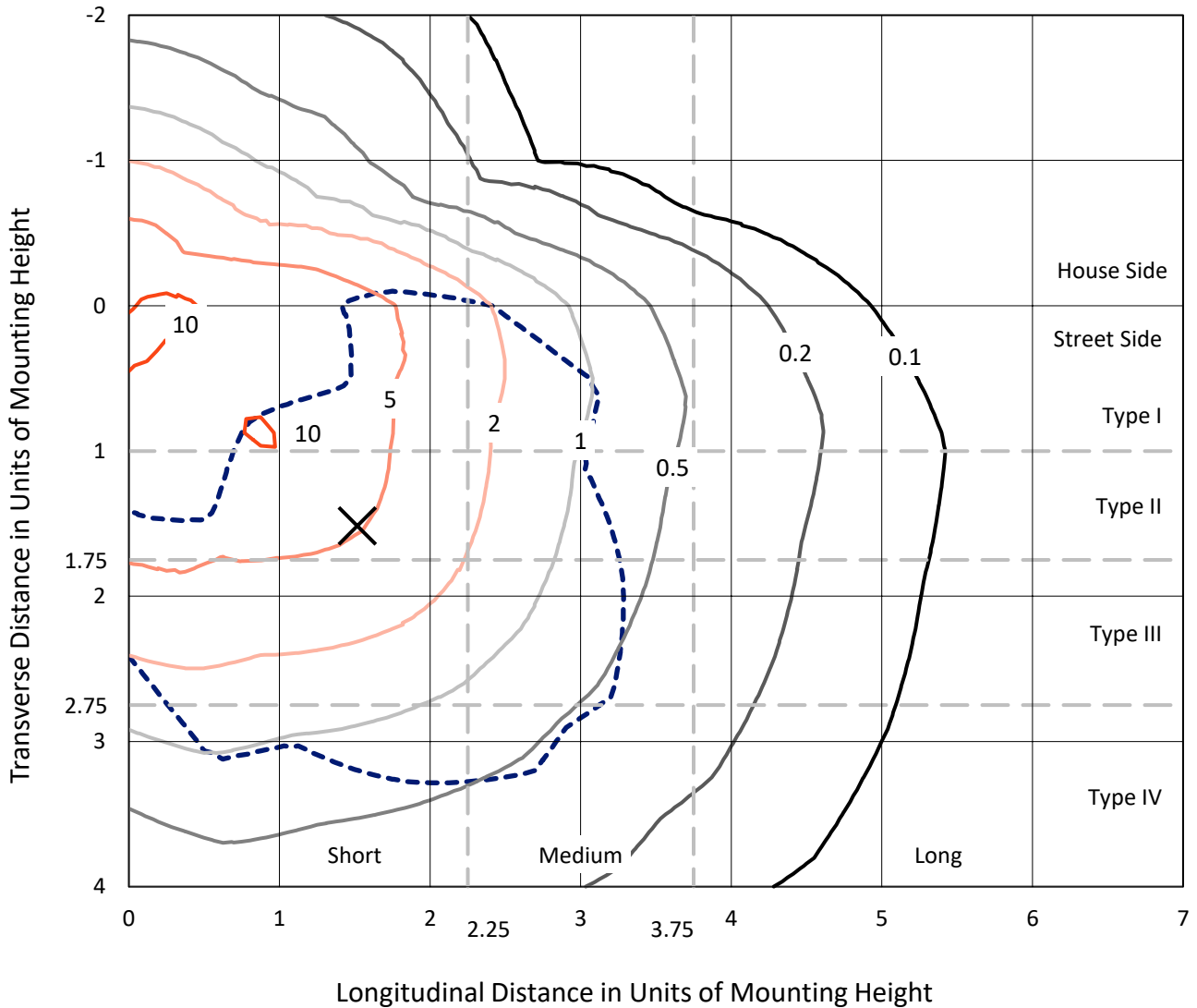
Input Watts (W): 256.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

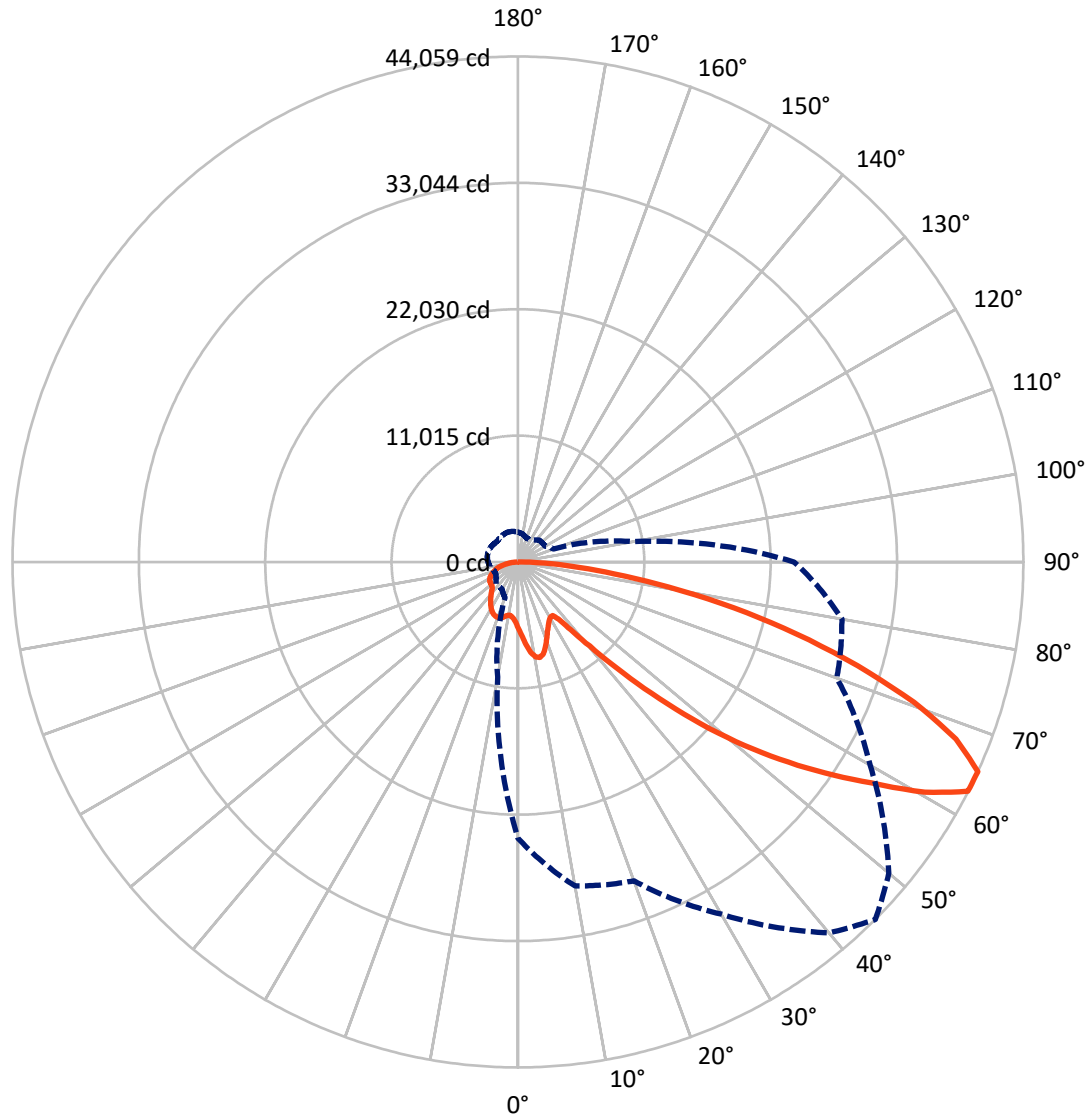
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 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	10729.2	0.0	10729.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31486.8	0.0	31486.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	42216.0	0.0	42216.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	575.9	1.4
10°-20°	1807.7	4.3
20°-30°	2792.3	6.6
30°-40°	3538.6	8.4
40°-50°	5337.1	12.6
50°-60°	8622.8	20.4
60°-70°	10749.7	25.5
70°-80°	7049.1	16.7
80°-90°	1742.7	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°	42216.0	100.0
0°-180°	42216.0	100.0



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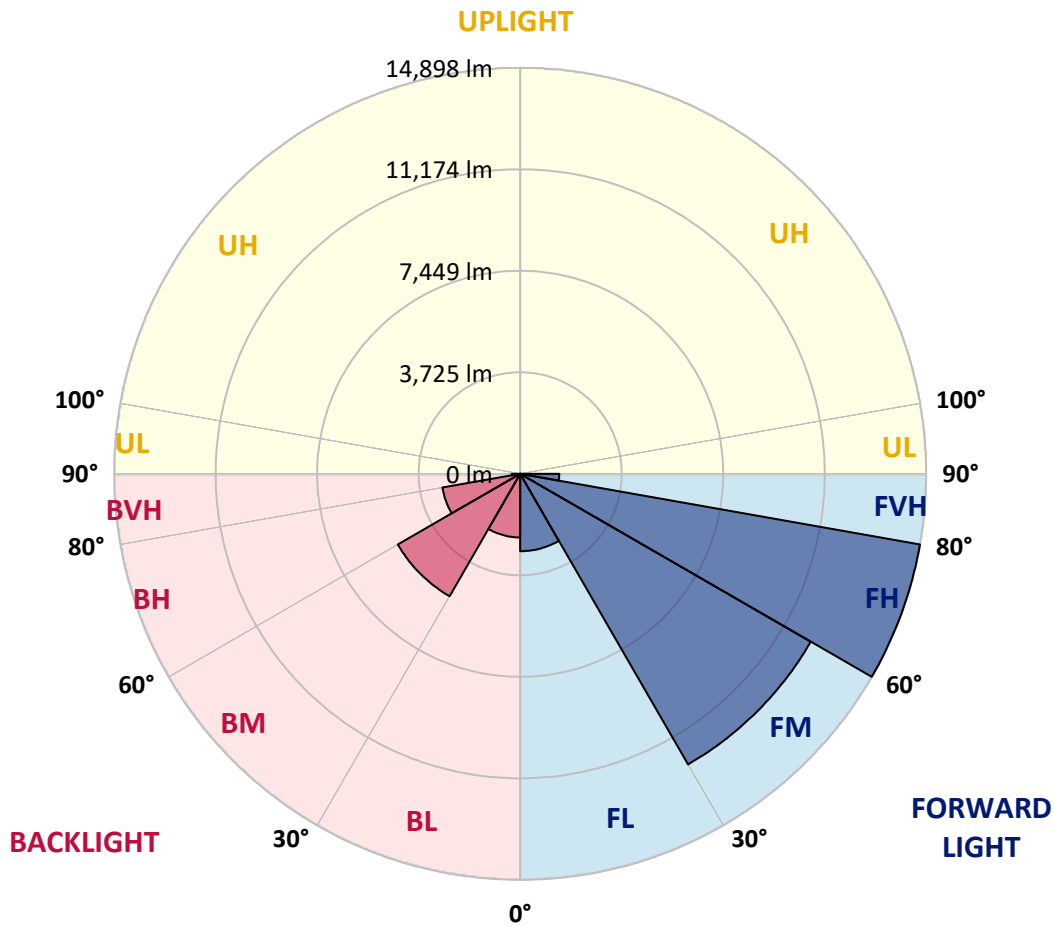
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2839.5	6.7			
FM (30°-60°)	12313.5	29.2			
FH (60°-80°)	14898.2	35.3			G5
FVH (80°-90°)	1435.6	3.4			G5
BL (0°-30°)	2336.4	5.5	B3/2500		
BM (30°-60°)	5185.0	12.3	B4/8500		
BH (60°-80°)	2900.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	307.1	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°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
2.5°	6242.8	6266.4	6290.2	6323.9	6357.5	6377.6	6397.6	6407.6	6417.6	6413.2
5°	6712.8	6795.4	6878.3	6960.3	7042.5	7087.0	7131.6	7158.5	7185.7	7206.2
7.5°	7185.0	7319.6	7453.9	7574.9	7695.8	7768.7	7841.5	7880.9	7920.1	7939.1
10°	7547.0	7706.1	7865.1	8007.0	8148.9	8234.9	8320.4	8358.8	8396.8	8411.3
12.5°	7768.7	7941.1	8113.3	8241.6	8369.4	8431.8	8494.2	8515.1	8536.1	8538.3
15°	7903.4	8052.2	8200.8	8281.2	8361.9	8364.1	8366.3	8344.1	8321.8	8295.5
17.5°	7979.2	8079.6	8180.1	8181.7	8183.0	8092.8	8002.6	7919.9	7837.1	7778.7
20°	8062.7	8097.7	8132.9	8027.1	7921.3	7722.1	7523.0	7378.0	7232.9	7143.8
22.5°	8159.6	8113.7	8067.8	7848.6	7629.4	7336.5	7043.6	6862.3	6680.9	6582.5
25°	8284.4	8139.6	7994.8	7662.0	7329.2	6973.4	6617.7	6427.0	6236.8	6143.7
27.5°	8453.7	8194.8	7935.7	7494.9	7054.3	6660.0	6265.7	6078.2	5890.8	5802.8
30°	8682.0	8295.9	7910.1	7367.5	6824.8	6414.1	6003.3	5829.3	5655.4	5573.4
32.5°	8951.5	8422.9	7894.5	7280.6	6666.7	6280.7	5894.6	5758.1	5621.3	5562.3
35°	9279.0	8632.1	7985.4	7345.7	6706.1	6437.9	6169.9	6138.1	6106.2	6101.3
37.5°	9830.3	9069.4	8308.4	7727.0	7145.6	7128.2	7110.9	7256.6	7402.2	7478.0
40°	10663.4	9835.9	9008.3	8575.9	8143.6	8448.8	8753.9	9108.1	9462.3	9638.7
42.5°	11768.3	10947.2	10126.1	9877.1	9628.0	10293.6	10959.2	11603.4	12247.7	12625.9
45°	13132.7	12395.1	11657.4	11547.5	11437.5	12503.8	13570.4	14628.9	15687.7	16330.4
47.5°	14839.0	14121.5	13403.8	13381.5	13359.2	14897.6	16435.5	17985.2	19534.7	20444.7
50°	17075.5	16189.1	15303.0	15306.8	15310.6	17293.1	19275.7	21321.2	23366.8	24603.6
52.5°	19642.8	18569.5	17496.5	17388.0	17279.3	19647.4	22015.6	24546.6	27077.3	28559.8
55°	22376.0	21315.7	20255.4	19832.3	19409.3	22045.0	24680.4	27697.7	30714.9	32478.1
57.5°	24862.0	24284.6	23707.0	22858.5	22010.2	24671.5	27332.8	30750.4	34167.7	36354.0
60°	26364.5	27261.3	28158.3	27104.7	26051.1	28569.6	31088.1	34747.1	38406.1	40769.1
62.5°	25601.5	28052.1	30502.6	30383.9	30265.0	32572.1	34879.4	38360.6	41841.7	44025.8
65°	24074.5	26374.5	28674.5	29129.6	29584.4	32516.4	35448.5	38824.2	42199.6	44059.2
67.5°	22028.5	24216.0	26403.5	26616.9	26830.0	29884.9	32939.6	36329.8	39719.9	41176.7
70°	19570.4	21949.6	24329.1	24424.5	24520.0	27251.9	29983.6	32901.1	35818.3	36628.0
72.5°	16641.1	19371.4	22102.0	22170.6	22239.0	24376.4	26513.7	28698.8	30883.6	30965.5
75°	12935.5	15761.4	18587.3	18841.1	19094.8	20757.7	22420.6	23958.7	25496.8	25084.7
77.5°	9242.2	11880.1	14518.2	14881.3	15244.4	16508.6	17772.7	18863.6	19954.6	19246.3
80°	6049.0	8268.3	10487.4	10938.7	11390.0	12344.8	13299.1	13872.0	14444.7	13305.3
82.5°	3516.2	5033.4	6550.9	7055.0	7559.3	8216.4	8873.5	9112.6	9351.4	8455.9
85°	1547.1	2352.3	3157.6	3586.4	4015.2	4555.2	5094.9	5230.6	5366.2	4649.0
87.5°	478.9	749.6	1020.2	1259.5	1498.7	1768.7	2038.7	2050.3	2061.6	1730.8
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°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
6417.6	2.5°	6407.6	6397.6	6377.6	6357.5	6323.9	6290.2	6266.4	6242.8	6194.9	6147.0
7185.7	5°	7158.5	7131.6	7087.0	7042.5	6960.3	6878.3	6795.4	6712.8	6607.0	6501.2
7920.1	7.5°	7880.9	7841.5	7768.7	7695.8	7574.9	7453.9	7319.6	7185.0	7010.4	6836.0
8396.8	10°	8358.8	8320.4	8234.9	8148.9	8007.0	7865.1	7706.1	7547.0	7326.3	7105.5
8536.1	12.5°	8515.1	8494.2	8431.8	8369.4	8241.6	8113.3	7941.1	7768.7	7526.1	7283.7
8321.8	15°	8344.1	8366.3	8364.1	8361.9	8281.2	8200.8	8052.2	7903.4	7650.6	7397.8
7837.1	17.5°	7919.9	8002.6	8092.8	8183.0	8181.7	8180.1	8079.6	7979.2	7722.8	7466.4
7232.9	20°	7378.0	7523.0	7722.1	7921.3	8027.1	8132.9	8097.7	8062.7	7796.3	7529.7
6680.9	22.5°	6862.3	7043.6	7336.5	7629.4	7848.6	8067.8	8113.7	8159.6	7887.4	7615.0
6236.8	25°	6427.0	6617.7	6973.4	7329.2	7662.0	7994.8	8139.6	8284.4	8017.5	7750.9
5890.8	27.5°	6078.2	6265.7	6660.0	7054.3	7494.9	7935.7	8194.8	8453.7	8199.3	7944.7
5655.4	30°	5829.3	6003.3	6414.1	6824.8	7367.5	7910.1	8295.9	8682.0	8436.1	8190.4
5621.3	32.5°	5758.1	5894.6	6280.7	6666.7	7280.6	7894.5	8422.9	8951.5	8708.0	8464.8
6106.2	35°	6138.1	6169.9	6437.9	6706.1	7345.7	7985.4	8632.1	9279.0	9046.0	8812.7
7402.2	37.5°	7256.6	7110.9	7128.2	7145.6	7727.0	8308.4	9069.4	9830.3	9533.1	9236.0
9462.3	40°	9108.1	8753.9	8448.8	8143.6	8575.9	9008.3	9835.9	10663.4	10230.4	9797.3
12247.7	42.5°	11603.4	10959.2	10293.6	9628.0	9877.1	10126.1	10947.2	11768.3	11143.2	10518.2
15687.7	45°	14628.9	13570.4	12503.8	11437.5	11547.5	11657.4	12395.1	13132.7	12289.5	11446.4
19534.7	47.5°	17985.2	16435.5	14897.6	13359.2	13381.5	13403.8	14121.5	14839.0	13652.4	12465.5
23366.8	50°	21321.2	19275.7	17293.1	15310.6	15306.8	15303.0	16189.1	17075.5	15286.5	13497.3
27077.3	52.5°	24546.6	22015.6	19647.4	17279.3	17388.0	17496.5	18569.5	19642.8	17003.1	14363.4
30714.9	55°	27697.7	24680.4	22045.0	19409.3	19832.3	20255.4	21315.7	22376.0	18525.0	14674.2
34167.7	57.5°	30750.4	27332.8	24671.5	22010.2	22858.5	23707.0	24284.6	24862.0	19603.6	14345.1
38406.1	60°	34747.1	31088.1	28569.6	26051.1	27104.7	28158.3	27261.3	26364.5	19873.1	13381.5
41841.7	62.5°	38360.6	34879.4	32572.1	30265.0	30383.9	30502.6	28052.1	25601.5	18738.1	11874.8
42199.6	65°	38824.2	35448.5	32516.4	29584.4	29129.6	28674.5	26374.5	24074.5	17132.3	10190.0
39719.9	67.5°	36329.8	32939.6	29884.9	26830.0	26616.9	26403.5	24216.0	22028.5	15221.3	8414.0
35818.3	70°	32901.1	29983.6	27251.9	24520.0	24424.5	24329.1	21949.6	19570.4	13136.0	6701.7
30883.6	72.5°	28698.8	26513.7	24376.4	22239.0	22170.6	22102.0	19371.4	16641.1	10875.5	5110.1
25496.8	75°	23958.7	22420.6	20757.7	19094.8	18841.1	18587.3	15761.4	12935.5	8284.1	3632.7
19954.6	77.5°	18863.6	17772.7	16508.6	15244.4	14881.3	14518.2	11880.1	9242.2	5798.2	2354.1
14444.7	80°	13872.0	13299.1	12344.8	11390.0	10938.7	10487.4	8268.3	6049.0	3735.6	1422.3
9351.4	82.5°	9112.6	8873.5	8216.4	7559.3	7055.0	6550.9	5033.4	3516.2	2162.1	808.2
5366.2	85°	5230.6	5094.9	4555.2	4015.2	3586.4	3157.6	2352.3	1547.1	972.6	398.3
2061.6	87.5°	2050.3	2038.7	1768.7	1498.7	1259.5	1020.2	749.6	478.9	318.5	158.2
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
6096.0	2.5°	6045.2	5994.0	5942.7	5893.7	5844.7	5797.3	5744.5	5701.7	5659.2	5620.6
6395.6	5°	6290.2	6184.0	6077.9	5978.8	5879.7	5786.1	5693.7	5613.0	5532.2	5464.5
6674.7	7.5°	6513.4	6356.4	6199.3	6061.0	5922.7	5795.0	5675.4	5568.0	5460.9	5371.8
6892.3	10°	6679.4	6488.7	6297.8	6134.3	5970.3	5812.9	5684.3	5571.2	5458.0	5368.9
7042.3	12.5°	6800.8	6575.8	6350.8	6165.7	5980.6	5815.1	5695.5	5602.8	5510.6	5451.3
7135.8	15°	6873.9	6614.8	6355.7	6141.4	5927.1	5743.8	5648.0	5603.7	5559.6	5567.6
7180.6	17.5°	6894.8	6594.1	6293.3	6035.6	5777.9	5562.3	5503.2	5519.5	5535.5	5632.6
7215.6	20°	6901.5	6537.0	6172.6	5853.2	5533.7	5282.7	5267.1	5342.8	5418.6	5587.2
7262.8	22.5°	6910.4	6467.1	6023.8	5639.1	5254.4	4968.6	4999.1	5111.2	5223.2	5415.7
7348.3	25°	6945.6	6398.0	5850.7	5400.1	4949.7	4656.7	4739.2	4868.4	4997.6	5170.6
7482.0	27.5°	7019.1	6351.9	5684.8	5181.6	4678.4	4411.7	4512.0	4636.7	4761.4	4903.8
7655.1	30°	7119.8	6330.3	5540.4	4998.9	4457.4	4233.5	4312.1	4411.0	4510.4	4628.5
7835.7	32.5°	7206.7	6303.6	5400.1	4841.4	4282.5	4102.1	4137.1	4195.6	4254.2	4348.5
8041.6	35°	7270.4	6253.3	5236.6	4686.6	4136.6	3986.2	3971.8	3987.8	4004.1	4076.0
8272.1	37.5°	7308.2	6167.0	5025.9	4504.4	3982.9	3851.5	3798.5	3780.6	3762.8	3814.5
8564.8	40°	7332.1	6048.3	4764.8	4287.0	3809.2	3690.0	3608.7	3568.4	3528.0	3565.2
8947.7	42.5°	7377.3	5925.8	4474.8	4047.1	3619.4	3509.5	3407.1	3353.6	3300.2	3330.4
9451.6	45°	7456.8	5812.0	4167.3	3792.2	3417.1	3305.7	3206.6	3154.5	3102.6	3128.0
9988.5	47.5°	7511.4	5718.0	3924.5	3590.6	3256.7	3113.0	3027.7	2984.1	2940.4	2964.5
10486.5	50°	7475.7	5615.5	3755.2	3456.8	3158.3	2969.4	2870.2	2831.5	2792.9	2830.4
10810.0	52.5°	7256.3	5442.4	3628.7	3368.5	3108.6	2891.4	2752.8	2714.5	2676.4	2732.8
10738.7	55°	6803.0	5155.5	3508.0	3304.6	3101.2	2899.2	2690.5	2629.9	2569.5	2649.5
10237.0	57.5°	6129.2	4751.0	3372.6	3228.9	3085.2	2907.0	2653.0	2564.8	2476.6	2562.6
9303.5	60°	5225.4	4225.7	3226.0	3113.0	3000.1	2882.5	2617.8	2503.6	2389.1	2464.6
8041.1	62.5°	4207.4	3597.1	2986.7	2911.7	2836.8	2822.3	2576.9	2433.8	2291.1	2339.0
6753.1	65°	3316.4	3031.5	2746.6	2711.2	2675.8	2677.5	2490.4	2338.5	2186.4	2204.9
5491.4	67.5°	2568.8	2488.0	2406.9	2426.7	2446.3	2441.4	2336.3	2209.8	2083.2	2077.4
4323.7	70°	1945.8	1969.0	1991.9	2083.7	2175.2	2175.2	2140.7	2050.7	1960.7	1940.7
3305.5	72.5°	1500.9	1570.7	1640.6	1770.7	1900.6	1922.4	1922.8	1861.1	1799.4	1770.0
2399.1	75°	1165.5	1228.7	1292.0	1437.7	1583.4	1684.0	1675.6	1628.1	1580.5	1552.4
1625.7	77.5°	897.3	940.3	983.5	1124.9	1266.4	1432.3	1427.9	1389.8	1351.7	1323.2
1047.4	80°	672.7	690.5	708.4	828.2	947.8	1146.1	1145.4	1113.6	1081.5	1057.7
644.2	82.5°	480.7	483.8	487.4	575.6	663.8	833.1	842.5	826.9	811.3	794.4
344.4	85°	290.7	289.1	287.4	352.0	416.6	542.4	554.7	538.0	521.3	502.3
142.8	87.5°	127.4	125.9	124.3	150.6	177.1	229.4	245.0	238.4	231.7	228.1
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°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
5582.3	2.5°	5548.7	5515.0	5481.2	5447.5	5421.5	5395.2	5374.0	5352.9	5336.4	5319.9
5397.0	5°	5337.3	5277.6	5223.4	5169.1	5127.4	5085.6	5056.4	5027.2	5006.5	4985.8
5282.7	7.5°	5207.6	5132.3	5066.0	4999.8	4950.1	4900.7	4865.9	4831.2	4807.3	4783.7
5279.8	10°	5198.9	5117.9	5043.2	4968.6	4909.4	4849.9	4811.1	4771.9	4749.4	4726.9
5392.5	12.5°	5328.8	5265.5	5188.2	5111.2	5035.4	4959.7	4909.6	4859.5	4834.3	4809.3
5575.6	15°	5559.1	5542.7	5475.6	5408.6	5300.7	5192.9	5116.7	5040.6	5005.6	4970.8
5729.8	17.5°	5781.5	5832.9	5778.8	5724.9	5582.1	5439.3	5327.0	5214.8	5163.1	5111.2
5756.1	20°	5864.1	5972.1	5947.2	5922.0	5758.7	5595.7	5458.0	5320.6	5254.4	5188.0
5608.6	22.5°	5749.2	5889.7	5904.9	5919.8	5763.9	5607.9	5466.2	5324.4	5254.6	5184.7
5344.0	25°	5482.3	5620.6	5672.3	5723.8	5595.9	5468.3	5342.2	5216.5	5155.9	5095.6
5045.9	27.5°	5156.8	5267.8	5325.2	5382.9	5291.8	5200.9	5103.2	5005.4	4964.8	4924.1
4746.5	30°	4838.5	4930.7	4977.5	5024.3	4955.0	4885.5	4815.6	4745.2	4724.5	4703.5
4442.9	32.5°	4531.1	4619.5	4671.5	4723.6	4659.9	4595.9	4540.0	4484.1	4470.5	4456.9
4147.7	35°	4235.1	4322.6	4385.0	4447.4	4401.9	4356.7	4305.0	4253.6	4232.8	4212.3
3866.0	37.5°	3953.1	4040.4	4117.5	4194.5	4173.6	4152.6	4105.2	4057.5	4019.9	3982.5
3602.4	40°	3686.6	3770.8	3859.5	3948.4	3953.5	3958.4	3918.1	3877.8	3823.0	3768.6
3361.0	42.5°	3440.7	3520.7	3616.5	3712.3	3737.9	3763.5	3729.4	3695.5	3627.6	3559.7
3153.8	45°	3229.5	3305.3	3404.6	3504.0	3540.7	3577.5	3546.7	3516.2	3438.5	3361.0
2988.3	47.5°	3062.5	3136.4	3234.4	3332.5	3374.8	3417.1	3395.7	3374.3	3305.3	3236.2
2868.0	50°	2938.0	3007.7	3095.4	3183.2	3237.6	3291.9	3290.6	3289.7	3234.4	3179.2
2788.9	52.5°	2853.1	2917.0	2998.8	3080.7	3145.1	3209.5	3221.1	3232.7	3187.7	3142.7
2729.2	55°	2798.3	2867.3	2939.1	3010.6	3078.7	3147.1	3163.2	3179.2	3140.0	3100.8
2648.6	57.5°	2729.7	2810.8	2881.6	2952.7	3021.5	3090.1	3106.4	3122.6	3083.0	3043.3
2539.9	60°	2633.0	2726.1	2798.1	2870.2	2939.3	3008.3	3026.2	3044.0	3005.2	2966.7
2386.8	62.5°	2495.3	2604.0	2680.9	2757.7	2821.0	2884.3	2901.4	2918.6	2883.6	2848.6
2223.1	65°	2339.4	2455.9	2529.4	2602.9	2658.6	2714.3	2731.9	2749.3	2715.6	2682.0
2071.6	67.5°	2179.0	2286.6	2356.3	2425.8	2473.9	2522.1	2539.2	2556.1	2525.2	2494.4
1920.6	70°	2015.1	2109.5	2169.7	2229.8	2273.2	2316.7	2333.2	2349.6	2324.5	2299.3
1740.9	72.5°	1815.3	1889.4	1943.8	1998.1	2040.7	2083.2	2102.8	2122.4	2101.5	2080.6
1524.1	75°	1579.4	1634.6	1683.8	1733.1	1771.8	1810.6	1831.1	1851.6	1841.3	1831.1
1294.7	77.5°	1339.7	1384.4	1426.8	1469.1	1509.9	1550.4	1569.6	1588.7	1574.5	1559.7
1033.6	80°	1071.0	1108.2	1143.9	1179.5	1210.5	1241.2	1266.6	1292.0	1285.8	1279.7
777.4	82.5°	774.3	771.2	758.7	746.2	812.2	878.1	921.3	964.5	961.9	959.0
483.4	85°	467.3	451.1	416.6	382.0	443.7	505.7	559.1	612.6	608.1	603.7
224.5	87.5°	223.9	223.2	196.9	170.4	196.2	222.3	243.9	265.5	260.2	254.4
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°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
5304.7	2.5°	5289.4	5270.4	5289.4	5304.7	5319.9	5336.4	5352.9	5374.0	5395.2	5421.5
4969.9	5°	4954.1	4938.5	4954.1	4969.9	4985.8	5006.5	5027.2	5056.4	5085.6	5127.4
4769.5	7.5°	4755.4	4744.7	4755.4	4769.5	4783.7	4807.3	4831.2	4865.9	4900.7	4950.1
4714.9	10°	4702.9	4698.0	4702.9	4714.9	4726.9	4749.4	4771.9	4811.1	4849.9	4909.4
4799.1	12.5°	4788.8	4787.1	4788.8	4799.1	4809.3	4834.3	4859.5	4909.6	4959.7	5035.4
4957.5	15°	4944.1	4943.0	4944.1	4957.5	4970.8	5005.6	5040.6	5116.7	5192.9	5300.7
5094.2	17.5°	5077.1	5074.4	5077.1	5094.2	5111.2	5163.1	5214.8	5327.0	5439.3	5582.1
5166.9	20°	5145.7	5139.0	5145.7	5166.9	5188.0	5254.4	5320.6	5458.0	5595.7	5758.7
5161.3	22.5°	5137.9	5127.9	5137.9	5161.3	5184.7	5254.6	5324.4	5466.2	5607.9	5763.9
5073.5	25°	5051.7	5038.8	5051.7	5073.5	5095.6	5155.9	5216.5	5342.2	5468.3	5595.9
4914.0	27.5°	4904.0	4900.7	4904.0	4914.0	4924.1	4964.8	5005.4	5103.2	5200.9	5291.8
4703.5	30°	4703.5	4706.9	4703.5	4703.5	4703.5	4724.5	4745.2	4815.6	4885.5	4955.0
4458.7	32.5°	4460.7	4464.1	4460.7	4458.7	4456.9	4470.5	4484.1	4540.0	4595.9	4659.9
4207.9	35°	4203.4	4201.2	4203.4	4207.9	4212.3	4232.8	4253.6	4305.0	4356.7	4401.9
3962.6	37.5°	3942.8	3931.7	3942.8	3962.6	3982.5	4019.9	4057.5	4105.2	4152.6	4173.6
3731.6	40°	3695.1	3673.3	3695.1	3731.6	3768.6	3823.0	3877.8	3918.1	3958.4	3953.5
3506.0	42.5°	3452.3	3417.1	3452.3	3506.0	3559.7	3627.6	3695.5	3729.4	3763.5	3737.9
3297.9	45°	3234.9	3194.3	3234.9	3297.9	3361.0	3438.5	3516.2	3546.7	3577.5	3540.7
3177.9	47.5°	3119.7	3080.7	3119.7	3177.9	3236.2	3305.3	3374.3	3395.7	3417.1	3374.8
3125.3	50°	3071.4	3034.0	3071.4	3125.3	3179.2	3234.4	3289.7	3290.6	3291.9	3237.6
3094.3	52.5°	3046.2	3011.7	3046.2	3094.3	3142.7	3187.7	3232.7	3221.1	3209.5	3145.1
3058.5	55°	3016.1	2985.0	3016.1	3058.5	3100.8	3140.0	3179.2	3163.2	3147.1	3078.7
3001.4	57.5°	2959.3	2927.0	2959.3	3001.4	3043.3	3083.0	3122.6	3106.4	3090.1	3021.5
2923.5	60°	2880.3	2846.8	2880.3	2923.5	2966.7	3005.2	3044.0	3026.2	3008.3	2939.3
2803.2	62.5°	2757.7	2717.6	2757.7	2803.2	2848.6	2883.6	2918.6	2901.4	2884.3	2821.0
2637.9	65°	2594.0	2559.5	2594.0	2637.9	2682.0	2715.6	2749.3	2731.9	2714.3	2658.6
2453.5	67.5°	2412.5	2381.3	2412.5	2453.5	2494.4	2525.2	2556.1	2539.2	2522.1	2473.9
2260.1	70°	2220.9	2185.3	2220.9	2260.1	2299.3	2324.5	2349.6	2333.2	2316.7	2273.2
2043.1	72.5°	2005.9	1971.4	2005.9	2043.1	2080.6	2101.5	2122.4	2102.8	2083.2	2040.7
1799.7	75°	1768.2	1735.3	1768.2	1799.7	1831.1	1841.3	1851.6	1831.1	1810.6	1771.8
1528.1	77.5°	1496.5	1470.2	1496.5	1528.1	1559.7	1574.5	1588.7	1569.6	1550.4	1509.9
1237.2	80°	1194.4	1145.0	1194.4	1237.2	1279.7	1285.8	1292.0	1266.6	1241.2	1210.5
923.1	82.5°	887.0	855.4	887.0	923.1	959.0	961.9	964.5	921.3	878.1	812.2
575.6	85°	547.5	519.0	547.5	575.6	603.7	608.1	612.6	559.1	505.7	443.7
240.1	87.5°	225.4	211.6	225.4	240.1	254.4	260.2	265.5	243.9	222.3	196.2
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°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
5447.5	2.5°	5481.2	5515.0	5548.7	5582.3	5620.6	5659.2	5701.7	5744.5	5797.3	5844.7
5169.1	5°	5223.4	5277.6	5337.3	5397.0	5464.5	5532.2	5613.0	5693.7	5786.1	5879.7
4999.8	7.5°	5066.0	5132.3	5207.6	5282.7	5371.8	5460.9	5568.0	5675.4	5795.0	5922.7
4968.6	10°	5043.2	5117.9	5198.9	5279.8	5368.9	5458.0	5571.2	5684.3	5812.9	5970.3
5111.2	12.5°	5188.2	5265.5	5328.8	5392.5	5451.3	5510.6	5602.8	5695.5	5815.1	5980.6
5408.6	15°	5475.6	5542.7	5559.1	5575.6	5567.6	5559.6	5603.7	5648.0	5743.8	5927.1
5724.9	17.5°	5778.8	5832.9	5781.5	5729.8	5632.6	5535.5	5519.5	5503.2	5562.3	5777.9
5922.0	20°	5947.2	5972.1	5864.1	5756.1	5587.2	5418.6	5342.8	5267.1	5282.7	5533.7
5919.8	22.5°	5904.9	5889.7	5749.2	5608.6	5415.7	5223.2	5111.2	4999.1	4968.6	5254.4
5723.8	25°	5672.3	5620.6	5482.3	5344.0	5170.6	4997.6	4868.4	4739.2	4656.7	4949.7
5382.9	27.5°	5325.2	5267.8	5156.8	5045.9	4903.8	4761.4	4636.7	4512.0	4411.7	4678.4
5024.3	30°	4977.5	4930.7	4838.5	4746.5	4628.5	4510.4	4411.0	4312.1	4233.5	4457.4
4723.6	32.5°	4671.5	4619.5	4531.1	4442.9	4348.5	4254.2	4195.6	4137.1	4102.1	4282.5
4447.4	35°	4385.0	4322.6	4235.1	4147.7	4076.0	4004.1	3987.8	3971.8	3986.2	4136.6
4194.5	37.5°	4117.5	4040.4	3953.1	3866.0	3814.5	3762.8	3780.6	3798.5	3851.5	3982.9
3948.4	40°	3859.5	3770.8	3686.6	3602.4	3565.2	3528.0	3568.4	3608.7	3690.0	3809.2
3712.3	42.5°	3616.5	3520.7	3440.7	3361.0	3330.4	3300.2	3353.6	3407.1	3509.5	3619.4
3504.0	45°	3404.6	3305.3	3229.5	3153.8	3128.0	3102.6	3154.5	3206.6	3305.7	3417.1
3332.5	47.5°	3234.4	3136.4	3062.5	2988.3	2964.5	2940.4	2984.1	3027.7	3113.0	3256.7
3183.2	50°	3095.4	3007.7	2938.0	2868.0	2830.4	2792.9	2831.5	2870.2	2969.4	3158.3
3080.7	52.5°	2998.8	2917.0	2853.1	2788.9	2732.8	2676.4	2714.5	2752.8	2891.4	3108.6
3010.6	55°	2939.1	2867.3	2798.3	2729.2	2649.5	2569.5	2629.9	2690.5	2899.2	3101.2
2952.7	57.5°	2881.6	2810.8	2729.7	2648.6	2562.6	2476.6	2564.8	2653.0	2907.0	3085.2
2870.2	60°	2798.1	2726.1	2633.0	2539.9	2464.6	2389.1	2503.6	2617.8	2882.5	3000.1
2757.7	62.5°	2680.9	2604.0	2495.3	2386.8	2339.0	2291.1	2433.8	2576.9	2822.3	2836.8
2602.9	65°	2529.4	2455.9	2339.4	2223.1	2204.9	2186.4	2338.5	2490.4	2677.5	2675.8
2425.8	67.5°	2356.3	2286.6	2179.0	2071.6	2077.4	2083.2	2209.8	2336.3	2441.4	2446.3
2229.8	70°	2169.7	2109.5	2015.1	1920.6	1940.7	1960.7	2050.7	2140.7	2175.2	2175.2
1998.1	72.5°	1943.8	1889.4	1815.3	1740.9	1770.0	1799.4	1861.1	1922.8	1922.4	1900.6
1733.1	75°	1683.8	1634.6	1579.4	1524.1	1552.4	1580.5	1628.1	1675.6	1684.0	1583.4
1469.1	77.5°	1426.8	1384.4	1339.7	1294.7	1323.2	1351.7	1389.8	1427.9	1432.3	1266.4
1179.5	80°	1143.9	1108.2	1071.0	1033.6	1057.7	1081.5	1113.6	1145.4	1146.1	947.8
746.2	82.5°	758.7	771.2	774.3	777.4	794.4	811.3	826.9	842.5	833.1	663.8
382.0	85°	416.6	451.1	467.3	483.4	502.3	521.3	538.0	554.7	542.4	416.6
170.4	87.5°	196.9	223.2	223.9	224.5	228.1	231.7	238.4	245.0	229.4	177.1
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):

325°		330°	335°	340°	345°	350°	355°	360°
5805.1	0°	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1	5805.1
5893.7	2.5°	5942.7	5994.0	6045.2	6096.0	6147.0	6194.9	6242.8
5978.8	5°	6077.9	6184.0	6290.2	6395.6	6501.2	6607.0	6712.8
6061.0	7.5°	6199.3	6356.4	6513.4	6674.7	6836.0	7010.4	7185.0
6134.3	10°	6297.8	6488.7	6679.4	6892.3	7105.5	7326.3	7547.0
6165.7	12.5°	6350.8	6575.8	6800.8	7042.3	7283.7	7526.1	7768.7
6141.4	15°	6355.7	6614.8	6873.9	7135.8	7397.8	7650.6	7903.4
6035.6	17.5°	6293.3	6594.1	6894.8	7180.6	7466.4	7722.8	7979.2
5853.2	20°	6172.6	6537.0	6901.5	7215.6	7529.7	7796.3	8062.7
5639.1	22.5°	6023.8	6467.1	6910.4	7262.8	7615.0	7887.4	8159.6
5400.1	25°	5850.7	6398.0	6945.6	7348.3	7750.9	8017.5	8284.4
5181.6	27.5°	5684.8	6351.9	7019.1	7482.0	7944.7	8199.3	8453.7
4998.9	30°	5540.4	6330.3	7119.8	7655.1	8190.4	8436.1	8682.0
4841.4	32.5°	5400.1	6303.6	7206.7	7835.7	8464.8	8708.0	8951.5
4686.6	35°	5236.6	6253.3	7270.4	8041.6	8812.7	9046.0	9279.0
4504.4	37.5°	5025.9	6167.0	7308.2	8272.1	9236.0	9533.1	9830.3
4287.0	40°	4764.8	6048.3	7332.1	8564.8	9797.3	10230.4	10663.4
4047.1	42.5°	4474.8	5925.8	7377.3	8947.7	10518.2	11143.2	11768.3
3792.2	45°	4167.3	5812.0	7456.8	9451.6	11446.4	12289.5	13132.7
3590.6	47.5°	3924.5	5718.0	7511.4	9988.5	12465.5	13652.4	14839.0
3456.8	50°	3755.2	5615.5	7475.7	10486.5	13497.3	15286.5	17075.5
3368.5	52.5°	3628.7	5442.4	7256.3	10810.0	14363.4	17003.1	19642.8
3304.6	55°	3508.0	5155.5	6803.0	10738.7	14674.2	18525.0	22376.0
3228.9	57.5°	3372.6	4751.0	6129.2	10237.0	14345.1	19603.6	24862.0
3113.0	60°	3226.0	4225.7	5225.4	9303.5	13381.5	19873.1	26364.5
2911.7	62.5°	2986.7	3597.1	4207.4	8041.1	11874.8	18738.1	25601.5
2711.2	65°	2746.6	3031.5	3316.4	6753.1	10190.0	17132.3	24074.5
2426.7	67.5°	2406.9	2488.0	2568.8	5491.4	8414.0	15221.3	22028.5
2083.7	70°	1991.9	1969.0	1945.8	4323.7	6701.7	13136.0	19570.4
1770.7	72.5°	1640.6	1570.7	1500.9	3305.5	5110.1	10875.5	16641.1
1437.7	75°	1292.0	1228.7	1165.5	2399.1	3632.7	8284.1	12935.5
1124.9	77.5°	983.5	940.3	897.3	1625.7	2354.1	5798.2	9242.2
828.2	80°	708.4	690.5	672.7	1047.4	1422.3	3735.6	6049.0
575.6	82.5°	487.4	483.8	480.7	644.2	808.2	2162.1	3516.2
352.0	85°	287.4	289.1	290.7	344.4	398.3	972.6	1547.1
150.6	87.5°	124.3	125.9	127.4	142.8	158.2	318.5	478.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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