

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: P952885

Luminaire Tested: **GALN-SB6C-835-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952885
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-SB6C-835-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41973 lumens
Efficiency: N/A
Efficacy: 139.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

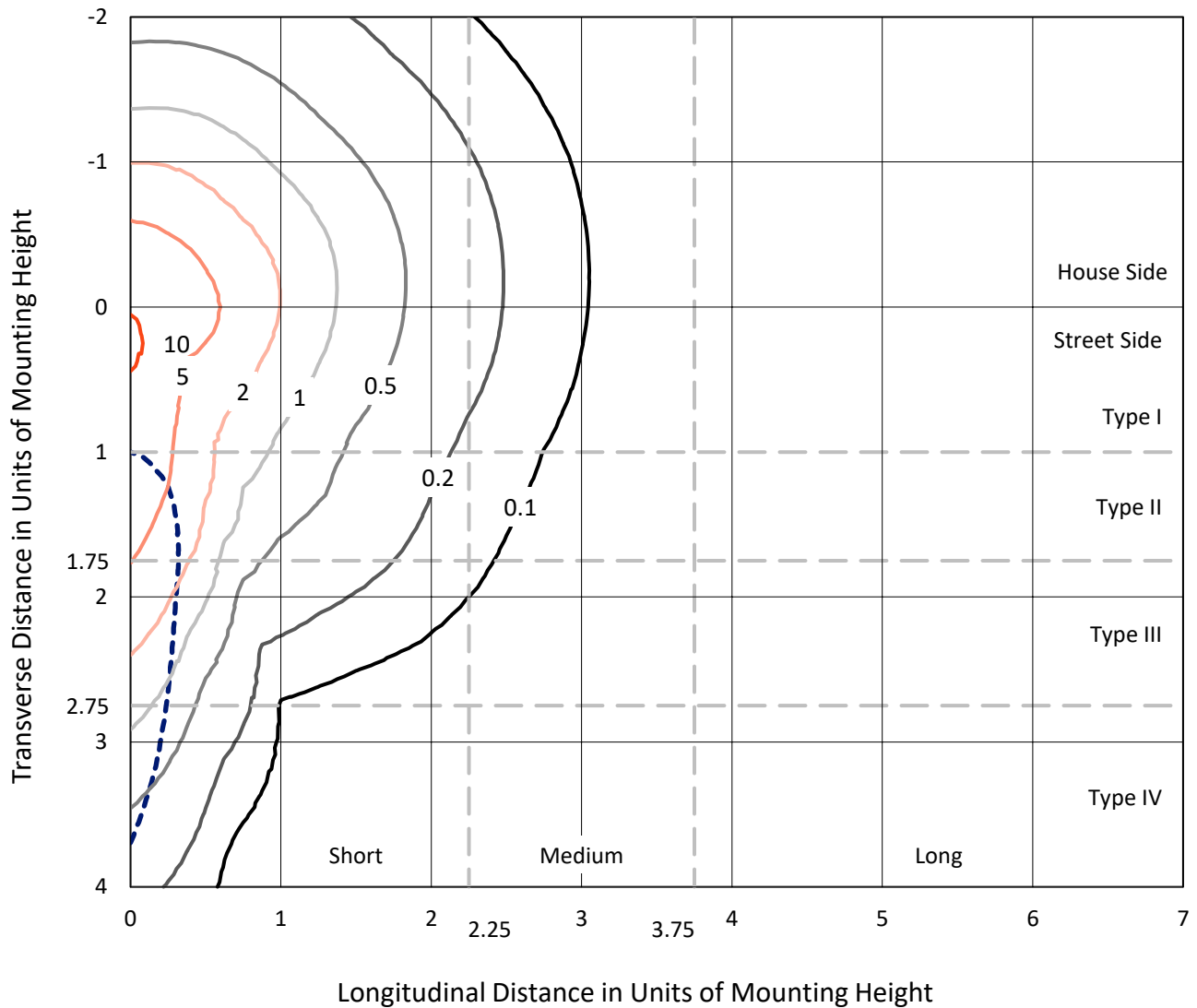
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

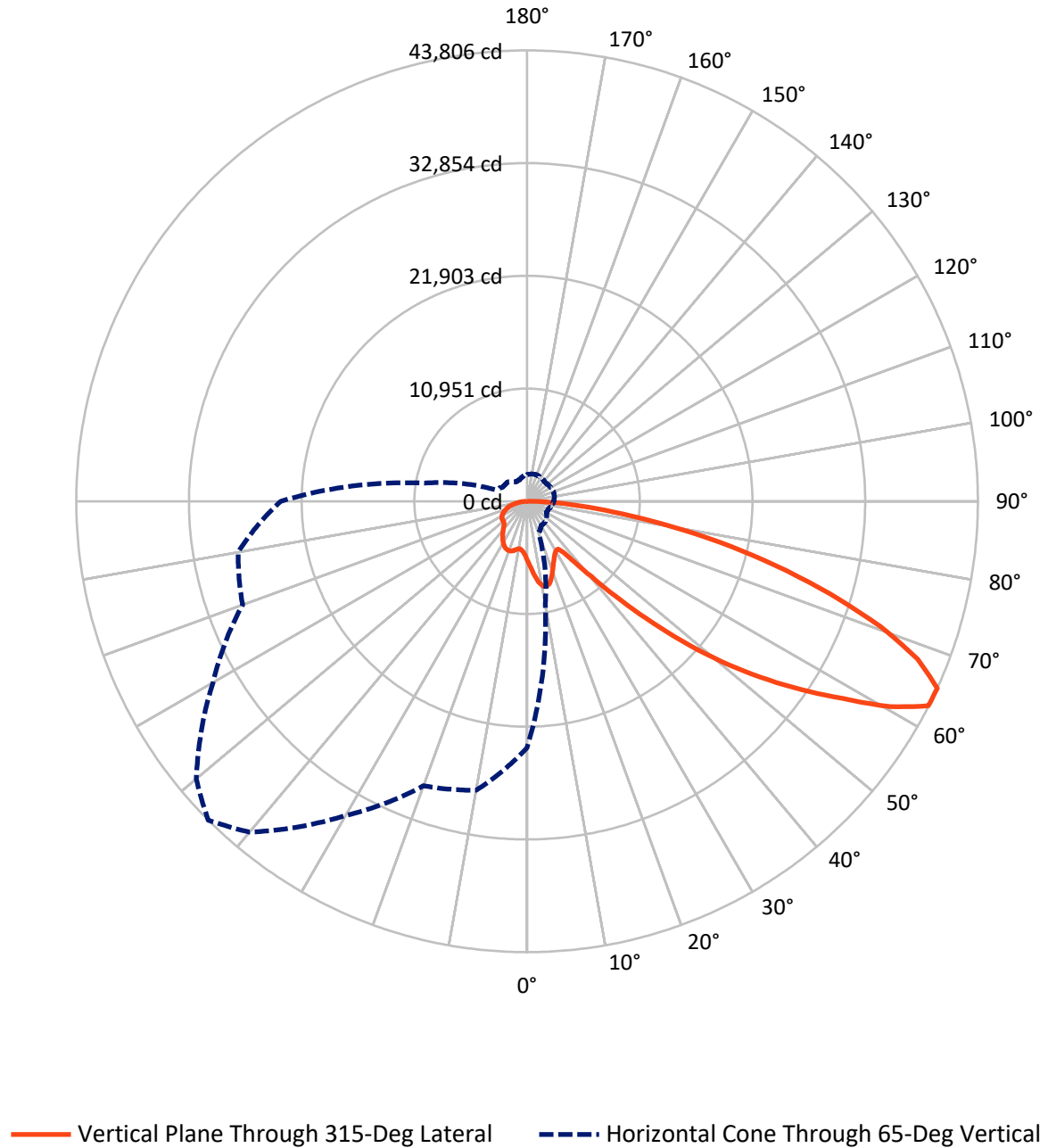
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.4 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	10667.4	0.0	10667.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31305.6	0.0	31305.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	41973.0	0.0	41973.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	572.5	1.4
10°-20°	1797.3	4.3
20°-30°	2776.3	6.6
30°-40°	3518.2	8.4
40°-50°	5306.4	12.6
50°-60°	8573.2	20.4
60°-70°	10687.9	25.5
70°-80°	7008.6	16.7
80°-90°	1732.7	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°	41973.0	100.0
0°-180°	41973.0	100.0

Coefficient of Utilization



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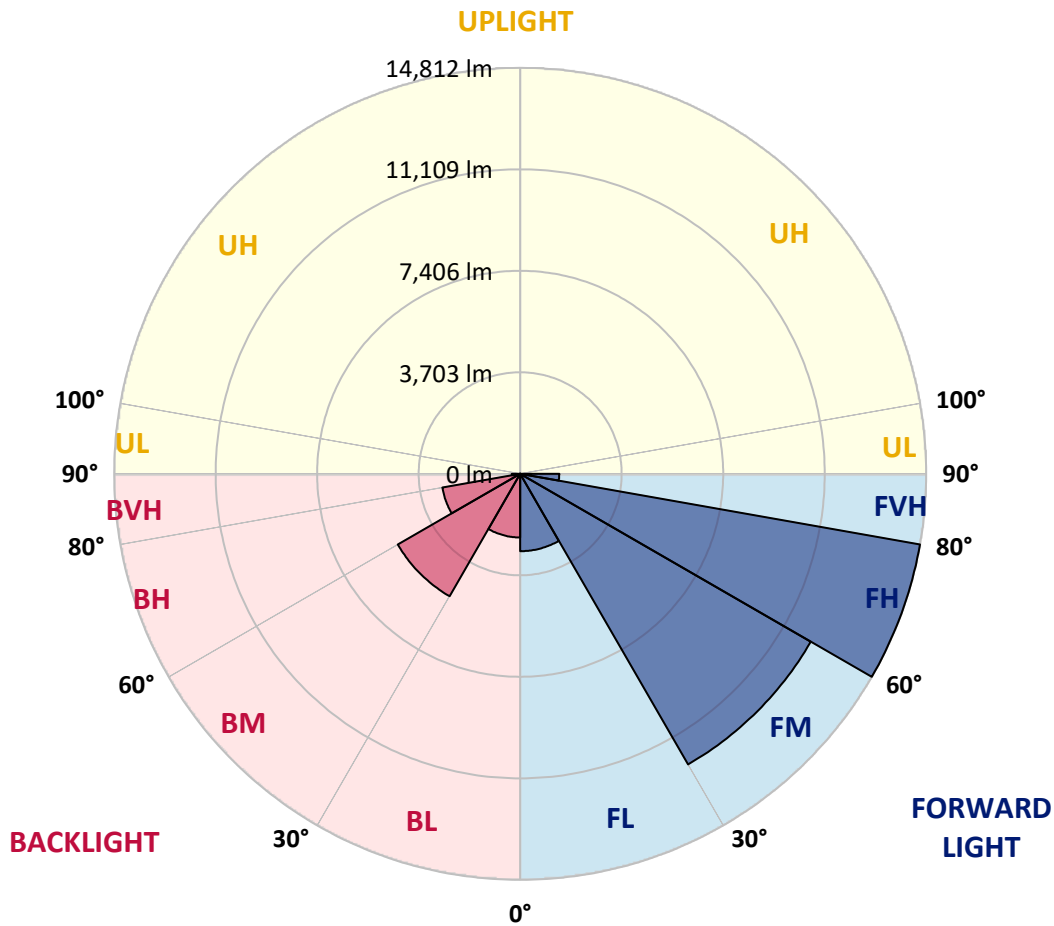
CATALOG NUMBER: GALN-SB6C-835-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2823.2	6.7			
FM (30°-60°)	12242.6	29.2			
FH (60°-80°)	14812.4	35.3			G5
FVH (80°-90°)	1427.4	3.4			G5
BL (0°-30°)	2323.0	5.5	B3/2500		
BM (30°-60°)	5155.2	12.3	B4/8500		
BH (60°-80°)	2884.0	6.9	B4/5000		G4/5000
BVH (80°-90°)	305.3	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°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
2.5°	6206.8	6159.2	6111.6	6060.9	6010.4	5959.5	5908.5	5859.8	5811.1	5763.9
5°	6674.2	6569.0	6463.8	6358.8	6254.0	6148.4	6043.0	5944.4	5845.8	5752.8
7.5°	7143.7	6970.1	6796.6	6636.3	6475.9	6319.8	6163.7	6026.1	5888.6	5761.7
10°	7503.6	7284.1	7064.6	6852.7	6640.9	6451.4	6261.6	6099.0	5936.0	5779.4
12.5°	7724.0	7482.8	7241.8	7001.7	6761.6	6538.0	6314.3	6130.2	5946.2	5781.6
15°	7857.9	7606.6	7355.2	7094.7	6834.3	6576.7	6319.1	6106.1	5893.0	5710.7
17.5°	7933.2	7678.3	7423.4	7139.3	6855.1	6556.1	6257.1	6000.9	5744.6	5530.2
20°	8016.3	7751.4	7486.3	7174.0	6861.8	6499.4	6137.1	5819.5	5501.9	5252.3
22.5°	8112.6	7842.0	7571.1	7221.0	6870.6	6429.9	5989.1	5606.6	5224.2	4940.0
25°	8236.7	7971.3	7706.2	7306.0	6905.6	6361.2	5817.1	5369.0	4921.2	4629.9
27.5°	8405.0	8152.1	7898.9	7438.9	6978.7	6315.4	5652.1	5151.7	4651.4	4386.3
30°	8632.0	8387.5	8143.2	7611.0	7078.8	6293.9	5508.5	4970.1	4431.7	4209.1
32.5°	8900.0	8657.9	8416.1	7790.6	7165.2	6267.3	5369.0	4813.5	4257.9	4078.5
35°	9225.6	8993.9	8762.0	7995.3	7228.5	6217.3	5206.4	4659.6	4112.8	3963.3
37.5°	9773.7	9478.3	9182.8	8224.5	7266.2	6131.5	4996.9	4478.5	3960.0	3829.3
40°	10602.0	10171.5	9740.9	8515.5	7289.9	6013.5	4737.4	4262.3	3787.2	3668.7
42.5°	11700.5	11079.1	10457.6	8896.2	7334.8	5891.7	4449.0	4023.8	3598.5	3489.3
45°	13057.1	12218.8	11380.5	9397.2	7413.9	5778.5	4143.4	3770.4	3397.4	3286.7
47.5°	14753.6	13573.8	12393.8	9931.0	7468.2	5685.1	3902.0	3570.0	3238.0	3095.1
50°	16977.2	15198.5	13419.6	10426.2	7432.7	5583.2	3733.6	3436.9	3140.1	2952.3
52.5°	19529.7	16905.2	14280.7	10747.8	7214.6	5411.1	3607.8	3349.2	3090.7	2874.8
55°	22247.2	18418.3	14589.7	10676.9	6763.9	5125.8	3487.8	3285.6	3083.4	2882.5
57.5°	24718.9	19490.7	14262.6	10178.1	6093.9	4723.6	3353.1	3210.3	3067.4	2890.3
60°	26212.7	19758.7	13304.5	9249.9	5195.4	4201.4	3207.4	3095.1	2982.8	2865.9
62.5°	25454.2	18630.3	11806.4	7994.8	4183.2	3576.4	2969.5	2894.9	2820.5	2806.1
65°	23936.0	17033.7	10131.4	6714.2	3297.3	3014.1	2730.8	2695.6	2660.4	2662.1
67.5°	21901.7	15133.6	8365.6	5459.8	2554.1	2473.7	2393.0	2412.8	2432.2	2427.4
70°	19457.7	13060.4	6663.1	4298.8	1934.6	1957.6	1980.4	2071.7	2162.7	2162.7
72.5°	16545.3	10812.9	5080.6	3286.5	1492.3	1561.6	1631.2	1760.5	1889.6	1911.3
75°	12861.1	8236.4	3611.8	2385.3	1158.8	1221.7	1284.6	1429.4	1574.2	1674.4
77.5°	9189.0	5764.8	2340.6	1616.3	892.1	934.8	977.8	1118.5	1259.1	1424.1
80°	6014.2	3714.1	1414.1	1041.4	668.9	686.6	704.3	823.4	942.4	1139.5
82.5°	3496.0	2149.6	803.5	640.5	477.9	481.0	484.6	572.3	660.0	828.3
85°	1538.1	967.0	396.0	342.4	289.0	287.5	285.7	349.9	414.2	539.3
87.5°	476.2	316.7	157.2	142.0	126.7	125.1	123.6	149.7	176.1	228.1
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°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
5711.4	2.5°	5668.9	5626.6	5588.3	5550.2	5516.7	5483.3	5449.6	5416.2	5390.3	5364.1
5660.9	5°	5580.7	5500.3	5433.0	5365.9	5306.6	5247.2	5193.4	5139.3	5097.9	5056.3
5642.8	7.5°	5536.0	5429.5	5340.9	5252.3	5177.7	5102.8	5036.8	4971.0	4921.6	4872.5
5651.6	10°	5539.1	5426.6	5338.0	5249.4	5169.0	5088.4	5014.2	4940.0	4881.1	4822.0
5662.7	12.5°	5570.5	5478.9	5419.9	5361.5	5298.1	5235.2	5158.4	5081.8	5006.5	4931.1
5615.5	15°	5571.4	5527.6	5535.6	5543.5	5527.1	5510.8	5444.1	5377.4	5270.2	5163.0
5471.5	17.5°	5487.7	5503.7	5600.2	5696.8	5748.2	5799.3	5745.5	5691.9	5550.0	5408.0
5236.8	20°	5312.1	5387.4	5555.0	5722.9	5830.3	5937.8	5913.0	5887.9	5725.6	5563.5
4970.4	22.5°	5081.8	5193.2	5384.5	5576.3	5716.1	5855.8	5870.9	5885.7	5730.7	5575.6
4711.9	25°	4840.3	4968.8	5140.9	5313.2	5450.7	5588.3	5639.6	5690.8	5563.7	5436.8
4486.0	27.5°	4610.0	4734.0	4875.6	5016.9	5127.2	5237.5	5294.6	5352.0	5261.4	5171.0
4287.3	30°	4385.7	4484.4	4601.8	4719.2	4810.7	4902.4	4948.9	4995.4	4926.5	4857.4
4113.2	32.5°	4171.5	4229.7	4323.4	4417.3	4505.0	4593.0	4644.6	4696.4	4633.0	4569.5
3948.9	35°	3964.9	3981.0	4052.6	4123.9	4210.7	4297.7	4359.7	4421.8	4376.6	4331.6
3776.6	37.5°	3758.9	3741.2	3792.5	3843.7	3930.3	4017.1	4093.8	4170.4	4149.6	4128.7
3587.9	40°	3547.8	3507.7	3544.7	3581.7	3665.4	3749.1	3837.3	3925.7	3930.7	3935.6
3387.5	42.5°	3334.3	3281.2	3311.3	3341.6	3420.9	3500.4	3595.7	3690.9	3716.4	3741.8
3188.1	45°	3136.3	3084.7	3110.0	3135.6	3211.0	3286.3	3385.0	3483.8	3520.4	3556.9
3010.3	47.5°	2966.9	2923.5	2947.4	2971.1	3044.8	3118.4	3215.8	3313.3	3355.4	3397.4
2853.7	50°	2815.2	2776.9	2814.1	2851.5	2921.0	2990.4	3077.6	3164.9	3218.9	3273.0
2737.0	52.5°	2698.9	2661.0	2717.1	2772.9	2836.7	2900.2	2981.5	3063.0	3127.0	3191.0
2675.0	55°	2614.7	2554.7	2634.2	2713.5	2782.2	2850.8	2922.1	2993.2	3061.0	3129.0
2637.8	57.5°	2550.1	2462.4	2547.9	2633.3	2714.0	2794.6	2865.0	2935.7	3004.1	3072.3
2602.8	60°	2489.2	2375.3	2450.4	2525.3	2617.8	2710.4	2782.0	2853.7	2922.4	2991.0
2562.0	62.5°	2419.8	2277.9	2325.5	2373.1	2481.0	2589.0	2665.5	2741.9	2804.8	2867.7
2476.1	65°	2325.0	2173.8	2192.2	2210.3	2325.9	2441.8	2514.9	2587.9	2643.3	2698.7
2322.8	67.5°	2197.0	2071.2	2065.5	2059.7	2166.5	2273.4	2342.8	2411.9	2459.7	2507.5
2128.4	70°	2038.9	1949.4	1929.5	1909.6	2003.5	2097.4	2157.2	2217.0	2260.2	2303.3
1911.8	72.5°	1850.4	1789.1	1759.8	1730.8	1804.8	1878.6	1932.6	1986.6	2028.9	2071.2
1665.9	75°	1618.8	1571.4	1543.5	1515.3	1570.3	1625.2	1674.1	1723.1	1761.6	1800.2
1419.7	77.5°	1381.8	1343.9	1315.6	1287.2	1332.0	1376.5	1418.5	1460.6	1501.2	1541.5
1138.8	80°	1107.2	1075.3	1051.6	1027.6	1064.9	1101.8	1137.3	1172.7	1203.5	1234.1
837.6	82.5°	822.1	806.6	789.8	772.9	769.8	766.7	754.3	741.9	807.5	873.1
551.5	85°	534.9	518.3	499.4	480.6	464.7	448.5	414.2	379.8	441.2	502.7
243.6	87.5°	237.0	230.3	226.8	223.2	222.6	221.9	195.8	169.4	195.1	221.0
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°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
5343.1	2.5°	5322.1	5305.7	5289.3	5274.2	5258.9	5240.1	5258.9	5274.2	5289.3	5305.7
5027.3	5°	4998.3	4977.7	4957.1	4941.3	4925.6	4910.1	4925.6	4941.3	4957.1	4977.7
4837.9	7.5°	4803.4	4779.7	4756.2	4742.0	4728.1	4717.4	4728.1	4742.0	4756.2	4779.7
4783.4	10°	4744.4	4722.1	4699.7	4687.7	4675.8	4670.9	4675.8	4687.7	4699.7	4722.1
4881.3	12.5°	4831.5	4806.5	4781.7	4771.5	4761.3	4759.5	4761.3	4771.5	4781.7	4806.5
5087.3	15°	5011.5	4976.8	4942.2	4928.9	4915.6	4914.5	4915.6	4928.9	4942.2	4976.8
5296.4	17.5°	5184.7	5133.4	5081.8	5064.9	5047.9	5045.2	5047.9	5064.9	5081.8	5133.4
5426.6	20°	5289.9	5224.2	5158.2	5137.1	5116.1	5109.4	5116.1	5137.1	5158.2	5224.2
5434.8	22.5°	5293.7	5224.4	5154.8	5131.6	5108.3	5098.4	5108.3	5131.6	5154.8	5224.4
5311.4	25°	5186.5	5126.3	5066.2	5044.3	5022.6	5009.8	5022.6	5044.3	5066.2	5126.3
5073.8	27.5°	4976.6	4936.2	4895.7	4885.7	4875.8	4872.5	4875.8	4885.7	4895.7	4936.2
4787.9	30°	4717.9	4697.3	4676.5	4676.5	4676.5	4679.8	4676.5	4676.5	4676.5	4697.3
4513.9	32.5°	4458.3	4444.8	4431.3	4433.1	4435.0	4438.4	4435.0	4433.1	4431.3	4444.8
4280.2	35°	4229.1	4208.5	4188.1	4183.7	4179.2	4177.0	4179.2	4183.7	4188.1	4208.5
4081.6	37.5°	4034.2	3996.7	3959.5	3939.8	3920.1	3909.0	3920.1	3939.8	3959.5	3996.7
3895.5	40°	3855.4	3801.0	3746.9	3710.2	3673.8	3652.1	3673.8	3710.2	3746.9	3801.0
3707.9	42.5°	3674.3	3606.7	3539.2	3485.8	3432.4	3397.4	3432.4	3485.8	3539.2	3606.7
3526.3	45°	3496.0	3418.7	3341.6	3278.9	3216.3	3176.0	3216.3	3278.9	3341.6	3418.7
3376.2	47.5°	3354.9	3286.3	3217.6	3159.6	3101.8	3063.0	3101.8	3159.6	3217.6	3286.3
3271.6	50°	3270.7	3215.8	3160.9	3107.3	3053.7	3016.5	3053.7	3107.3	3160.9	3215.8
3202.5	52.5°	3214.1	3169.3	3124.6	3076.5	3028.7	2994.3	3028.7	3076.5	3124.6	3169.3
3145.0	55°	3160.9	3121.9	3082.9	3040.9	2998.8	2967.8	2998.8	3040.9	3082.9	3121.9
3088.5	57.5°	3104.6	3065.2	3025.8	2984.2	2942.3	2910.2	2942.3	2984.2	3025.8	3065.2
3008.7	60°	3026.5	2987.9	2949.6	2906.6	2863.7	2830.5	2863.7	2906.6	2949.6	2987.9
2884.7	62.5°	2901.8	2867.0	2832.2	2787.0	2741.9	2702.0	2741.9	2787.0	2832.2	2867.0
2716.2	65°	2733.4	2700.0	2666.6	2622.7	2579.1	2544.8	2579.1	2622.7	2666.6	2700.0
2524.6	67.5°	2541.4	2510.6	2480.1	2439.3	2398.6	2367.6	2398.6	2439.3	2480.1	2510.6
2319.7	70°	2336.1	2311.1	2286.1	2247.1	2208.1	2172.7	2208.1	2247.1	2286.1	2311.1
2090.7	72.5°	2110.2	2089.4	2068.6	2031.4	1994.4	1960.1	1994.4	2031.4	2068.6	2089.4
1820.5	75°	1840.9	1830.7	1820.5	1789.3	1758.1	1725.3	1758.1	1789.3	1820.5	1830.7
1560.5	77.5°	1579.6	1565.4	1550.8	1519.3	1487.9	1461.7	1487.9	1519.3	1550.8	1565.4
1259.3	80°	1284.6	1278.4	1272.4	1230.1	1187.6	1138.4	1187.6	1230.1	1272.4	1278.4
916.0	82.5°	959.0	956.3	953.5	917.8	881.9	850.5	881.9	917.8	953.5	956.3
555.9	85°	609.1	604.6	600.2	572.3	544.4	516.0	544.4	572.3	600.2	604.6
242.5	87.5°	264.0	258.7	252.9	238.8	224.1	210.4	224.1	238.8	252.9	258.7
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
5322.1	2.5°	5343.1	5364.1	5390.3	5416.2	5449.6	5483.3	5516.7	5550.2	5588.3	5626.6
4998.3	5°	5027.3	5056.3	5097.9	5139.3	5193.4	5247.2	5306.6	5365.9	5433.0	5500.3
4803.4	7.5°	4837.9	4872.5	4921.6	4971.0	5036.8	5102.8	5177.7	5252.3	5340.9	5429.5
4744.4	10°	4783.4	4822.0	4881.1	4940.0	5014.2	5088.4	5169.0	5249.4	5338.0	5426.6
4831.5	12.5°	4881.3	4931.1	5006.5	5081.8	5158.4	5235.2	5298.1	5361.5	5419.9	5478.9
5011.5	15°	5087.3	5163.0	5270.2	5377.4	5444.1	5510.8	5527.1	5543.5	5535.6	5527.6
5184.7	17.5°	5296.4	5408.0	5550.0	5691.9	5745.5	5799.3	5748.2	5696.8	5600.2	5503.7
5289.9	20°	5426.6	5563.5	5725.6	5887.9	5913.0	5937.8	5830.3	5722.9	5555.0	5387.4
5293.7	22.5°	5434.8	5575.6	5730.7	5885.7	5870.9	5855.8	5716.1	5576.3	5384.5	5193.2
5186.5	25°	5311.4	5436.8	5563.7	5690.8	5639.6	5588.3	5450.7	5313.2	5140.9	4968.8
4976.6	27.5°	5073.8	5171.0	5261.4	5352.0	5294.6	5237.5	5127.2	5016.9	4875.6	4734.0
4717.9	30°	4787.9	4857.4	4926.5	4995.4	4948.9	4902.4	4810.7	4719.2	4601.8	4484.4
4458.3	32.5°	4513.9	4569.5	4633.0	4696.4	4644.6	4593.0	4505.0	4417.3	4323.4	4229.7
4229.1	35°	4280.2	4331.6	4376.6	4421.8	4359.7	4297.7	4210.7	4123.9	4052.6	3981.0
4034.2	37.5°	4081.6	4128.7	4149.6	4170.4	4093.8	4017.1	3930.3	3843.7	3792.5	3741.2
3855.4	40°	3895.5	3935.6	3930.7	3925.7	3837.3	3749.1	3665.4	3581.7	3544.7	3507.7
3674.3	42.5°	3707.9	3741.8	3716.4	3690.9	3595.7	3500.4	3420.9	3341.6	3311.3	3281.2
3496.0	45°	3526.3	3556.9	3520.4	3483.8	3385.0	3286.3	3211.0	3135.6	3110.0	3084.7
3354.9	47.5°	3376.2	3397.4	3355.4	3313.3	3215.8	3118.4	3044.8	2971.1	2947.4	2923.5
3270.7	50°	3271.6	3273.0	3218.9	3164.9	3077.6	2990.4	2921.0	2851.5	2814.1	2776.9
3214.1	52.5°	3202.5	3191.0	3127.0	3063.0	2981.5	2900.2	2836.7	2772.9	2717.1	2661.0
3160.9	55°	3145.0	3129.0	3061.0	2993.2	2922.1	2850.8	2782.2	2713.5	2634.2	2554.7
3104.6	57.5°	3088.5	3072.3	3004.1	2935.7	2865.0	2794.6	2714.0	2633.3	2547.9	2462.4
3026.5	60°	3008.7	2991.0	2922.4	2853.7	2782.0	2710.4	2617.8	2525.3	2450.4	2375.3
2901.8	62.5°	2884.7	2867.7	2804.8	2741.9	2665.5	2589.0	2481.0	2373.1	2325.5	2277.9
2733.4	65°	2716.2	2698.7	2643.3	2587.9	2514.9	2441.8	2325.9	2210.3	2192.2	2173.8
2541.4	67.5°	2524.6	2507.5	2459.7	2411.9	2342.8	2273.4	2166.5	2059.7	2065.5	2071.2
2336.1	70°	2319.7	2303.3	2260.2	2217.0	2157.2	2097.4	2003.5	1909.6	1929.5	1949.4
2110.2	72.5°	2090.7	2071.2	2028.9	1986.6	1932.6	1878.6	1804.8	1730.8	1759.8	1789.1
1840.9	75°	1820.5	1800.2	1761.6	1723.1	1674.1	1625.2	1570.3	1515.3	1543.5	1571.4
1579.6	77.5°	1560.5	1541.5	1501.2	1460.6	1418.5	1376.5	1332.0	1287.2	1315.6	1343.9
1284.6	80°	1259.3	1234.1	1203.5	1172.7	1137.3	1101.8	1064.9	1027.6	1051.6	1075.3
959.0	82.5°	916.0	873.1	807.5	741.9	754.3	766.7	769.8	772.9	789.8	806.6
609.1	85°	555.9	502.7	441.2	379.8	414.2	448.5	464.7	480.6	499.4	518.3
264.0	87.5°	242.5	221.0	195.1	169.4	195.8	221.9	222.6	223.2	226.8	230.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
5668.9	2.5°	5711.4	5763.9	5811.1	5859.8	5908.5	5959.5	6010.4	6060.9	6111.6	6159.2
5580.7	5°	5660.9	5752.8	5845.8	5944.4	6043.0	6148.4	6254.0	6358.8	6463.8	6569.0
5536.0	7.5°	5642.8	5761.7	5888.6	6026.1	6163.7	6319.8	6475.9	6636.3	6796.6	6970.1
5539.1	10°	5651.6	5779.4	5936.0	6099.0	6261.6	6451.4	6640.9	6852.7	7064.6	7284.1
5570.5	12.5°	5662.7	5781.6	5946.2	6130.2	6314.3	6538.0	6761.6	7001.7	7241.8	7482.8
5571.4	15°	5615.5	5710.7	5893.0	6106.1	6319.1	6576.7	6834.3	7094.7	7355.2	7606.6
5487.7	17.5°	5471.5	5530.2	5744.6	6000.9	6257.1	6556.1	6855.1	7139.3	7423.4	7678.3
5312.1	20°	5236.8	5252.3	5501.9	5819.5	6137.1	6499.4	6861.8	7174.0	7486.3	7751.4
5081.8	22.5°	4970.4	4940.0	5224.2	5606.6	5989.1	6429.9	6870.6	7221.0	7571.1	7842.0
4840.3	25°	4711.9	4629.9	4921.2	5369.0	5817.1	6361.2	6905.6	7306.0	7706.2	7971.3
4610.0	27.5°	4486.0	4386.3	4651.4	5151.7	5652.1	6315.4	6978.7	7438.9	7898.9	8152.1
4385.7	30°	4287.3	4209.1	4431.7	4970.1	5508.5	6293.9	7078.8	7611.0	8143.2	8387.5
4171.5	32.5°	4113.2	4078.5	4257.9	4813.5	5369.0	6267.3	7165.2	7790.6	8416.1	8657.9
3964.9	35°	3948.9	3963.3	4112.8	4659.6	5206.4	6217.3	7228.5	7995.3	8762.0	8993.9
3758.9	37.5°	3776.6	3829.3	3960.0	4478.5	4996.9	6131.5	7266.2	8224.5	9182.8	9478.3
3547.8	40°	3587.9	3668.7	3787.2	4262.3	4737.4	6013.5	7289.9	8515.5	9740.9	10171.5
3334.3	42.5°	3387.5	3489.3	3598.5	4023.8	4449.0	5891.7	7334.8	8896.2	10457.6	11079.1
3136.3	45°	3188.1	3286.7	3397.4	3770.4	4143.4	5778.5	7413.9	9397.2	11380.5	12218.8
2966.9	47.5°	3010.3	3095.1	3238.0	3570.0	3902.0	5685.1	7468.2	9931.0	12393.8	13573.8
2815.2	50°	2853.7	2952.3	3140.1	3436.9	3733.6	5583.2	7432.7	10426.2	13419.6	15198.5
2698.9	52.5°	2737.0	2874.8	3090.7	3349.2	3607.8	5411.1	7214.6	10747.8	14280.7	16905.2
2614.7	55°	2675.0	2882.5	3083.4	3285.6	3487.8	5125.8	6763.9	10676.9	14589.7	18418.3
2550.1	57.5°	2637.8	2890.3	3067.4	3210.3	3353.1	4723.6	6093.9	10178.1	14262.6	19490.7
2489.2	60°	2602.8	2865.9	2982.8	3095.1	3207.4	4201.4	5195.4	9249.9	13304.5	19758.7
2419.8	62.5°	2562.0	2806.1	2820.5	2894.9	2969.5	3576.4	4183.2	7994.8	11806.4	18630.3
2325.0	65°	2476.1	2662.1	2660.4	2695.6	2730.8	3014.1	3297.3	6714.2	10131.4	17033.7
2197.0	67.5°	2322.8	2427.4	2432.2	2412.8	2393.0	2473.7	2554.1	5459.8	8365.6	15133.6
2038.9	70°	2128.4	2162.7	2162.7	2071.7	1980.4	1957.6	1934.6	4298.8	6663.1	13060.4
1850.4	72.5°	1911.8	1911.3	1889.6	1760.5	1631.2	1561.6	1492.3	3286.5	5080.6	10812.9
1618.8	75°	1665.9	1674.4	1574.2	1429.4	1284.6	1221.7	1158.8	2385.3	3611.8	8236.4
1381.8	77.5°	1419.7	1424.1	1259.1	1118.5	977.8	934.8	892.1	1616.3	2340.6	5764.8
1107.2	80°	1138.8	1139.5	942.4	823.4	704.3	686.6	668.9	1041.4	1414.1	3714.1
822.1	82.5°	837.6	828.3	660.0	572.3	484.6	481.0	477.9	640.5	803.5	2149.6
534.9	85°	551.5	539.3	414.2	349.9	285.7	287.5	289.0	342.4	396.0	967.0
237.0	87.5°	243.6	228.1	176.1	149.7	123.6	125.1	126.7	142.0	157.2	316.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
6206.8	2.5°	6230.3	6254.0	6287.5	6320.9	6340.8	6360.8	6370.7	6380.7	6376.3	6380.7
6674.2	5°	6756.3	6838.7	6920.2	7001.9	7046.2	7090.5	7117.3	7144.4	7164.7	7144.4
7143.7	7.5°	7277.5	7411.0	7531.3	7651.5	7724.0	7796.4	7835.6	7874.6	7893.4	7874.6
7503.6	10°	7661.7	7819.9	7960.9	8102.0	8187.5	8272.5	8310.6	8348.5	8362.9	8348.5
7724.0	12.5°	7895.4	8066.6	8194.1	8321.3	8383.3	8445.3	8466.1	8486.9	8489.2	8486.9
7857.9	15°	8005.9	8153.6	8233.6	8313.7	8316.0	8318.2	8296.0	8273.9	8247.7	8273.9
7933.2	17.5°	8033.1	8133.0	8134.6	8135.9	8046.2	7956.5	7874.3	7791.9	7733.9	7791.9
8016.3	20°	8051.1	8086.1	7980.9	7875.7	7677.7	7479.7	7335.5	7191.3	7102.7	7191.3
8112.6	22.5°	8067.0	8021.4	7803.5	7585.5	7294.3	7003.1	6822.8	6642.5	6544.6	6642.5
8236.7	25°	8092.7	7948.8	7617.9	7287.0	6933.3	6579.6	6390.0	6200.9	6108.3	6200.9
8405.0	27.5°	8147.6	7890.1	7451.8	7013.7	6621.7	6229.7	6043.2	5856.9	5769.4	5856.9
8632.0	30°	8248.2	7864.6	7325.1	6785.6	6377.2	5968.8	5795.8	5622.8	5541.3	5622.8
8900.0	32.5°	8374.4	7849.1	7238.7	6628.3	6244.5	5860.7	5724.9	5588.9	5530.2	5588.9
9225.6	35°	8582.4	7939.5	7303.4	6667.5	6400.9	6134.4	6102.8	6071.1	6066.2	6071.1
9773.7	37.5°	9017.1	8260.6	7682.5	7104.5	7087.2	7069.9	7214.8	7359.6	7434.9	7359.6
10602.0	40°	9779.2	8956.5	8526.6	8096.7	8400.1	8703.5	9055.7	9407.8	9583.2	9407.8
11700.5	42.5°	10884.2	10067.8	9820.2	9572.6	10234.4	10896.1	11536.7	12177.2	12553.2	12177.2
13057.1	45°	12323.8	11590.3	11481.1	11371.7	12431.9	13492.3	14544.7	15597.4	16236.4	15597.4
14753.6	47.5°	14040.2	13326.6	13304.5	13282.3	14811.8	16340.9	17881.7	19422.3	20327.0	19422.3
16977.2	50°	16095.9	15214.9	15218.7	15222.4	17193.6	19164.7	21198.5	23232.3	24462.0	23232.3
19529.7	52.5°	18462.6	17395.8	17287.9	17179.8	19534.4	21888.9	24405.3	26921.4	28395.4	26921.4
22247.2	55°	21193.0	20138.8	19718.2	19297.6	21918.1	24538.4	27538.3	30538.1	32291.1	30538.1
24718.9	57.5°	24144.8	23570.5	22726.9	21883.5	24529.5	27175.5	30573.4	33971.0	36144.8	33971.0
26212.7	60°	27104.4	27996.3	26948.7	25901.1	28405.1	30909.1	34547.1	38185.0	40534.4	38185.0
25454.2	62.5°	27890.6	30327.1	30209.0	30090.8	32384.6	34678.6	38139.8	41600.8	43772.4	41600.8
23936.0	65°	26222.7	28509.4	28961.9	29414.1	32329.2	35244.5	38600.7	41956.7	43805.6	41956.7
21901.7	67.5°	24076.6	26251.5	26463.7	26675.6	29712.9	32750.0	36120.6	39491.3	40939.7	39491.3
19457.7	70°	21823.3	24189.1	24283.9	24378.9	27095.1	29811.0	32711.7	35612.1	36417.2	35612.1
16545.3	72.5°	19259.9	21974.8	22043.0	22111.0	24236.1	26361.1	28533.6	30705.8	30787.3	30705.8
12861.1	75°	15670.7	18480.4	18732.6	18984.9	20638.2	22291.5	23820.8	25350.1	24940.3	25350.1
9189.0	77.5°	11811.7	14434.7	14795.7	15156.7	16413.5	17670.4	18755.0	19839.8	19135.5	19839.8
6014.2	80°	8220.7	10427.1	10875.8	11324.5	12273.7	13222.5	13792.2	14361.6	13228.7	14361.6
3496.0	82.5°	5004.5	6513.1	7014.3	7515.8	8169.1	8822.5	9060.1	9297.5	8407.2	9297.5
1538.1	85°	2338.8	3139.4	3565.8	3992.1	4529.0	5065.6	5200.5	5335.3	4622.2	5335.3
476.2	87.5°	745.3	1014.4	1252.2	1490.1	1758.5	2026.9	2038.5	2049.8	1720.9	2049.8
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°
5771.6	0°	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6	5771.6
6370.7	2.5°	6360.8	6340.8	6320.9	6287.5	6254.0	6230.3	6206.8
7117.3	5°	7090.5	7046.2	7001.9	6920.2	6838.7	6756.3	6674.2
7835.6	7.5°	7796.4	7724.0	7651.5	7531.3	7411.0	7277.5	7143.7
8310.6	10°	8272.5	8187.5	8102.0	7960.9	7819.9	7661.7	7503.6
8466.1	12.5°	8445.3	8383.3	8321.3	8194.1	8066.6	7895.4	7724.0
8296.0	15°	8318.2	8316.0	8313.7	8233.6	8153.6	8005.9	7857.9
7874.3	17.5°	7956.5	8046.2	8135.9	8134.6	8133.0	8033.1	7933.2
7335.5	20°	7479.7	7677.7	7875.7	7980.9	8086.1	8051.1	8016.3
6822.8	22.5°	7003.1	7294.3	7585.5	7803.5	8021.4	8067.0	8112.6
6390.0	25°	6579.6	6933.3	7287.0	7617.9	7948.8	8092.7	8236.7
6043.2	27.5°	6229.7	6621.7	7013.7	7451.8	7890.1	8147.6	8405.0
5795.8	30°	5968.8	6377.2	6785.6	7325.1	7864.6	8248.2	8632.0
5724.9	32.5°	5860.7	6244.5	6628.3	7238.7	7849.1	8374.4	8900.0
6102.8	35°	6134.4	6400.9	6667.5	7303.4	7939.5	8582.4	9225.6
7214.8	37.5°	7069.9	7087.2	7104.5	7682.5	8260.6	9017.1	9773.7
9055.7	40°	8703.5	8400.1	8096.7	8526.6	8956.5	9779.2	10602.0
11536.7	42.5°	10896.1	10234.4	9572.6	9820.2	10067.8	10884.2	11700.5
14544.7	45°	13492.3	12431.9	11371.7	11481.1	11590.3	12323.8	13057.1
17881.7	47.5°	16340.9	14811.8	13282.3	13304.5	13326.6	14040.2	14753.6
21198.5	50°	19164.7	17193.6	15222.4	15218.7	15214.9	16095.9	16977.2
24405.3	52.5°	21888.9	19534.4	17179.8	17287.9	17395.8	18462.6	19529.7
27538.3	55°	24538.4	21918.1	19297.6	19718.2	20138.8	21193.0	22247.2
30573.4	57.5°	27175.5	24529.5	21883.5	22726.9	23570.5	24144.8	24718.9
34547.1	60°	30909.1	28405.1	25901.1	26948.7	27996.3	27104.4	26212.7
38139.8	62.5°	34678.6	32384.6	30090.8	30209.0	30327.1	27890.6	25454.2
38600.7	65°	35244.5	32329.2	29414.1	28961.9	28509.4	26222.7	23936.0
36120.6	67.5°	32750.0	29712.9	26675.6	26463.7	26251.5	24076.6	21901.7
32711.7	70°	29811.0	27095.1	24378.9	24283.9	24189.1	21823.3	19457.7
28533.6	72.5°	26361.1	24236.1	22111.0	22043.0	21974.8	19259.9	16545.3
23820.8	75°	22291.5	20638.2	18984.9	18732.6	18480.4	15670.7	12861.1
18755.0	77.5°	17670.4	16413.5	15156.7	14795.7	14434.7	11811.7	9189.0
13792.2	80°	13222.5	12273.7	11324.5	10875.8	10427.1	8220.7	6014.2
9060.1	82.5°	8822.5	8169.1	7515.8	7014.3	6513.1	5004.5	3496.0
5200.5	85°	5065.6	4529.0	3992.1	3565.8	3139.4	2338.8	1538.1
2038.5	87.5°	2026.9	1758.5	1490.1	1252.2	1014.4	745.3	476.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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