

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: P951373

Luminaire Tested: **GALN-SB5C-750-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951373
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-SB5C-750-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39880 lumens
Efficiency: N/A
Efficacy: 159.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

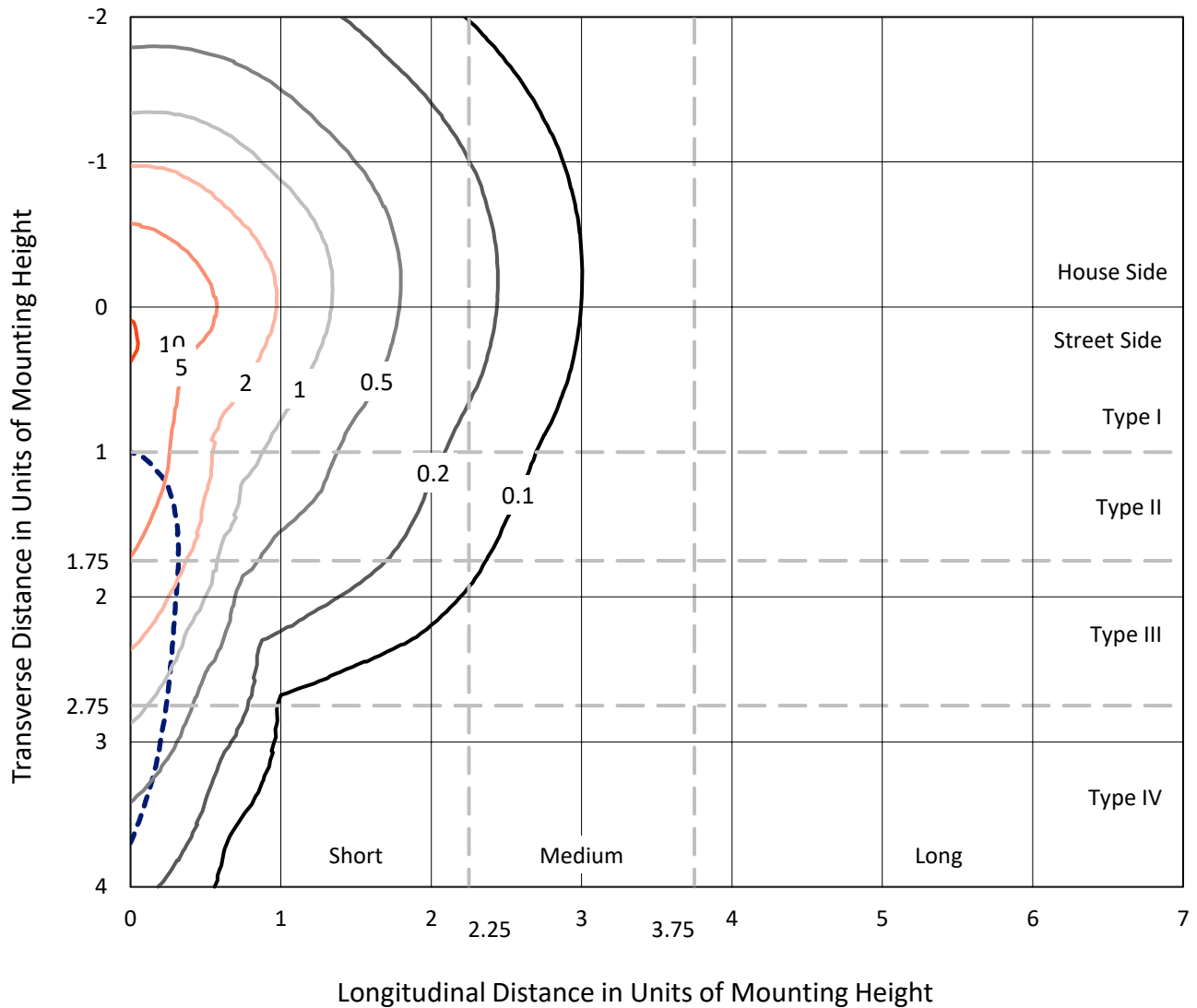
Input Watts (W): 249.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

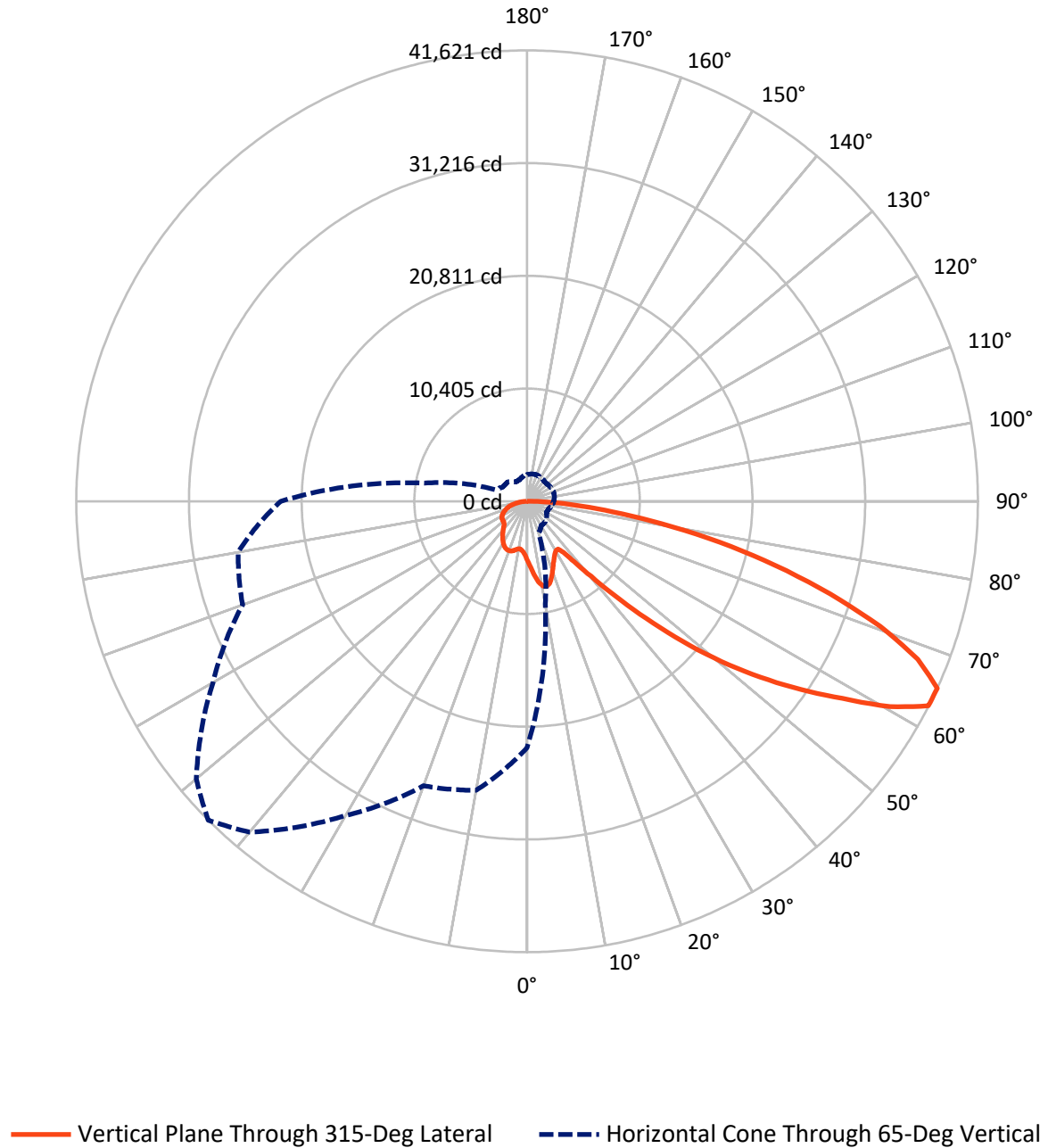
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SB5C-750-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P951373

CATALOG NUMBER: GALN-SB5C-750-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10135.5	0.0	10135.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	29744.5	0.0	29744.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	39880.0	0.0	39880.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	544.0	1.4
10°-20°	1707.7	4.3
20°-30°	2637.8	6.6
30°-40°	3342.8	8.4
40°-50°	5041.8	12.6
50°-60°	8145.7	20.4
60°-70°	10154.9	25.5
70°-80°	6659.1	16.7
80°-90°	1646.3	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°	39880.0	100.0
0°-180°	39880.0	100.0



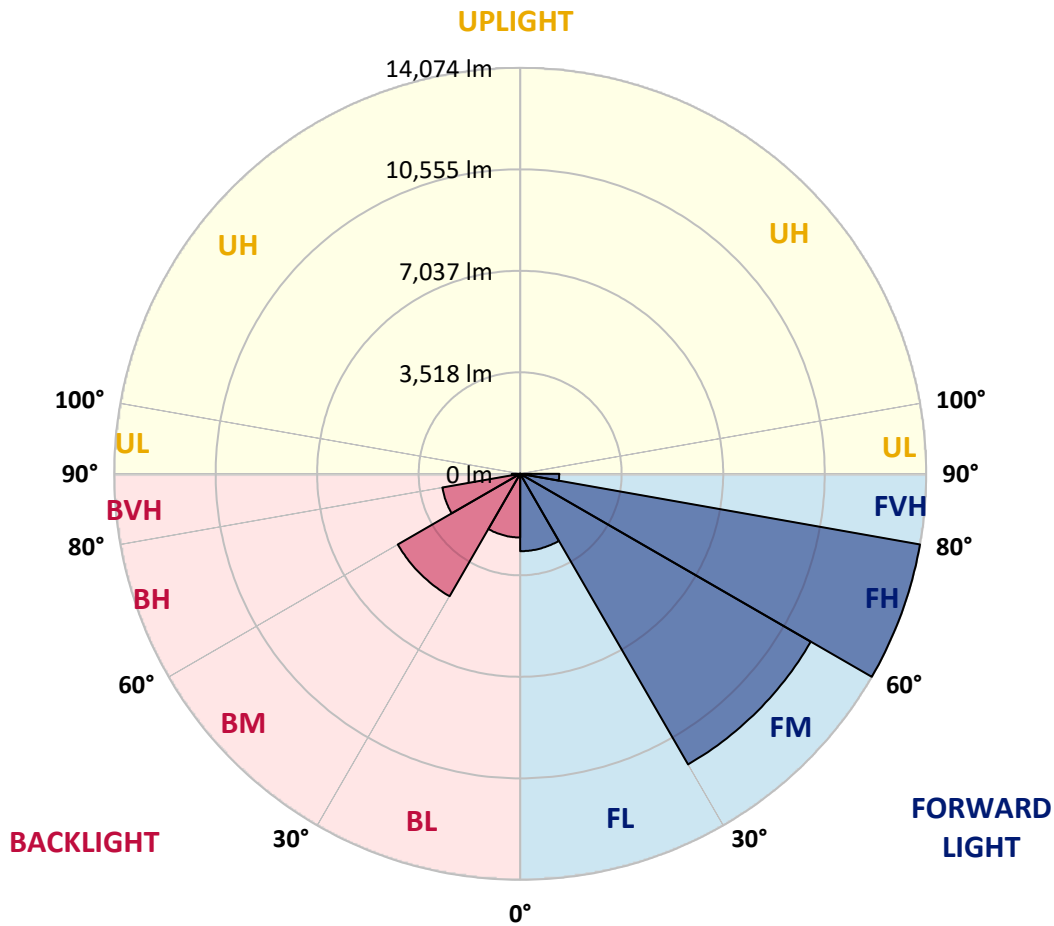
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2682.4	6.7			
FM (30°-60°)	11632.1	29.2			
FH (60°-80°)	14073.8	35.3			G5
FVH (80°-90°)	1356.2	3.4			G5
BL (0°-30°)	2207.1	5.5	B3/2500		
BM (30°-60°)	4898.1	12.3	B3/5000		
BH (60°-80°)	2740.2	6.9	B4/5000		G4/5000
BVH (80°-90°)	290.1	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°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
2.5°	5897.3	5852.1	5806.9	5758.7	5710.7	5662.3	5613.9	5567.6	5521.3	5476.5
5°	6341.4	6241.4	6141.4	6041.7	5942.2	5841.8	5741.6	5648.0	5554.3	5466.0
7.5°	6787.5	6622.5	6457.7	6305.4	6153.0	6004.7	5856.3	5725.6	5595.0	5474.4
10°	7129.4	6920.9	6712.3	6511.0	6309.8	6129.7	5949.3	5794.9	5640.0	5491.2
12.5°	7338.8	7109.6	6880.7	6652.6	6424.5	6211.9	5999.4	5824.5	5649.7	5493.3
15°	7466.1	7227.3	6988.4	6741.0	6493.5	6248.8	6004.0	5801.6	5599.2	5426.0
17.5°	7537.7	7295.4	7053.2	6783.3	6513.3	6229.2	5945.1	5701.6	5458.2	5254.5
20°	7616.6	7364.9	7113.0	6816.3	6519.6	6175.3	5831.1	5529.3	5227.5	4990.4
22.5°	7708.1	7451.0	7193.6	6860.9	6528.0	6109.2	5690.5	5327.1	4963.7	4693.7
25°	7825.9	7573.8	7322.0	6941.7	6561.3	6044.0	5527.0	5101.3	4675.8	4399.1
27.5°	7985.9	7745.6	7505.0	7068.0	6630.7	6000.5	5370.2	4894.8	4419.5	4167.6
30°	8201.6	7969.2	7737.1	7231.5	6725.8	5980.0	5233.9	4722.3	4210.7	3999.2
32.5°	8456.2	8226.2	7996.4	7402.1	6807.9	5954.8	5101.3	4573.5	4045.5	3875.1
35°	8765.5	8545.4	8325.1	7596.6	6868.1	5907.2	4946.8	4427.3	3907.7	3765.7
37.5°	9286.3	9005.6	8724.9	7814.4	6903.8	5825.8	4747.8	4255.1	3762.5	3638.4
40°	10073.4	9664.3	9255.2	8090.9	6926.4	5713.6	4501.1	4049.8	3598.4	3485.8
42.5°	11117.1	10526.6	9936.2	8452.6	6969.1	5597.9	4227.1	3823.1	3419.1	3315.3
45°	12406.0	11609.5	10813.0	8928.6	7044.2	5490.4	3936.8	3582.4	3228.0	3122.8
47.5°	14017.9	12896.9	11775.7	9435.7	7095.7	5401.6	3707.4	3391.9	3076.5	2940.8
50°	16130.6	14440.6	12750.5	9906.3	7062.1	5304.8	3547.5	3265.5	2983.5	2805.1
52.5°	18555.8	16062.2	13568.6	10211.8	6854.8	5141.3	3427.9	3182.1	2936.6	2731.4
55°	21137.8	17499.9	13862.2	10144.5	6426.6	4870.2	3313.9	3121.8	2929.6	2738.8
57.5°	23486.3	18518.8	13551.4	9670.6	5790.0	4488.1	3185.9	3050.2	2914.5	2746.1
60°	24905.6	18773.4	12641.0	8788.7	4936.3	3991.9	3047.5	2940.8	2834.1	2723.0
62.5°	24184.9	17701.3	11217.7	7596.2	3974.6	3398.0	2821.5	2750.5	2679.8	2666.2
65°	22742.4	16184.3	9626.2	6379.4	3132.9	2863.8	2594.6	2561.2	2527.7	2529.4
67.5°	20809.6	14379.0	7948.4	5187.6	2426.7	2350.3	2273.7	2292.4	2311.0	2306.3
70°	18487.5	12409.1	6330.8	4084.5	1838.1	1860.0	1881.7	1968.4	2054.9	2054.9
72.5°	15720.3	10273.7	4827.3	3122.6	1417.9	1483.8	1549.8	1672.7	1795.4	1816.0
75°	12219.8	7825.7	3431.7	2266.3	1101.0	1160.7	1220.5	1358.1	1495.7	1590.9
77.5°	8730.8	5477.3	2223.8	1535.7	847.6	888.2	929.1	1062.7	1196.3	1353.1
80°	5714.3	3528.9	1343.6	989.4	635.5	652.3	669.2	782.4	895.4	1082.7
82.5°	3321.7	2042.4	763.4	608.6	454.1	457.1	460.4	543.8	627.1	787.0
85°	1461.4	918.7	376.3	325.3	274.6	273.1	271.5	332.5	393.5	512.4
87.5°	452.4	300.9	149.4	134.9	120.4	118.9	117.4	142.3	167.3	216.7
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°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
5426.6	2.5°	5386.2	5346.0	5309.6	5273.4	5241.6	5209.9	5177.9	5146.1	5121.5	5096.6
5378.6	5°	5302.5	5226.1	5162.1	5098.3	5041.9	4985.5	4934.4	4883.1	4843.7	4804.1
5361.4	7.5°	5259.9	5158.7	5074.6	4990.4	4919.5	4848.3	4785.6	4723.1	4676.2	4629.5
5369.8	10°	5262.9	5156.0	5071.8	4987.6	4911.3	4834.7	4764.2	4693.7	4637.7	4581.5
5380.3	12.5°	5292.8	5205.7	5149.7	5094.1	5033.9	4974.2	4901.2	4828.3	4756.8	4685.3
5335.5	15°	5293.6	5251.9	5259.5	5267.1	5251.5	5236.0	5172.6	5109.3	5007.4	4905.6
5198.7	17.5°	5214.1	5229.2	5321.0	5412.7	5461.5	5510.1	5459.0	5408.1	5273.2	5138.3
4975.7	20°	5047.2	5118.7	5278.0	5437.5	5539.6	5641.7	5618.1	5594.3	5440.1	5286.0
4722.5	22.5°	4828.3	4934.2	5116.0	5298.2	5431.0	5563.8	5578.1	5592.2	5444.9	5297.6
4476.9	25°	4599.0	4721.0	4884.5	5048.3	5178.9	5309.6	5358.4	5407.0	5286.2	5165.7
4262.3	27.5°	4380.1	4498.0	4632.4	4766.7	4871.5	4976.3	5030.6	5085.1	4999.0	4913.2
4073.5	30°	4167.0	4260.8	4372.3	4483.9	4570.8	4657.9	4702.1	4746.3	4680.8	4615.2
3908.1	32.5°	3963.5	4018.8	4107.8	4197.1	4280.4	4363.9	4413.0	4462.2	4402.0	4341.6
3752.0	35°	3767.1	3782.5	3850.5	3918.2	4000.7	4083.4	4142.3	4201.3	4158.3	4115.6
3588.3	37.5°	3571.4	3554.6	3603.4	3652.0	3734.3	3816.8	3889.6	3962.4	3942.6	3922.9
3409.0	40°	3370.9	3332.8	3368.0	3403.1	3482.6	3562.2	3645.9	3729.9	3734.7	3739.4
3218.5	42.5°	3168.0	3117.5	3146.2	3175.0	3250.3	3325.9	3416.4	3506.8	3531.0	3555.2
3029.2	45°	2979.9	2930.9	2954.9	2979.3	3050.8	3122.4	3216.2	3310.1	3344.8	3379.5
2860.2	47.5°	2818.9	2777.7	2800.4	2822.9	2893.0	2962.9	3055.5	3148.1	3188.0	3228.0
2711.4	50°	2674.8	2638.4	2673.7	2709.3	2775.4	2841.2	2924.2	3007.1	3058.4	3109.8
2600.5	52.5°	2564.3	2528.3	2581.6	2634.6	2695.2	2755.6	2832.8	2910.3	2971.1	3031.9
2541.6	55°	2484.4	2427.3	2502.9	2578.2	2643.4	2708.7	2776.4	2844.0	2908.4	2973.0
2506.2	57.5°	2422.9	2339.6	2420.8	2502.0	2578.6	2655.2	2722.1	2789.3	2854.3	2919.1
2473.0	60°	2365.0	2256.9	2328.2	2399.3	2487.3	2575.3	2643.2	2711.4	2776.6	2841.9
2434.3	62.5°	2299.2	2164.3	2209.5	2254.8	2357.3	2459.9	2532.5	2605.1	2664.9	2724.7
2352.6	65°	2209.1	2065.4	2082.9	2100.1	2210.0	2320.0	2389.4	2458.9	2511.5	2564.1
2207.0	67.5°	2087.5	1968.0	1962.5	1957.0	2058.4	2160.1	2225.9	2291.6	2337.1	2382.5
2022.2	70°	1937.2	1852.2	1833.3	1814.3	1903.6	1992.8	2049.6	2106.4	2147.5	2188.5
1816.4	72.5°	1758.2	1699.9	1672.1	1644.5	1714.8	1784.9	1836.2	1887.6	1927.8	1968.0
1582.9	75°	1538.0	1493.0	1466.5	1439.8	1492.0	1544.1	1590.7	1637.2	1673.8	1710.4
1348.9	77.5°	1312.9	1276.9	1250.0	1223.0	1265.5	1307.8	1347.8	1387.8	1426.3	1464.6
1082.0	80°	1051.9	1021.6	999.1	976.4	1011.8	1046.9	1080.6	1114.2	1143.5	1172.5
795.9	82.5°	781.1	766.4	750.4	734.4	731.5	728.5	716.7	704.9	767.2	829.5
524.0	85°	508.2	492.4	474.5	456.6	441.5	426.1	393.5	360.9	419.2	477.7
231.5	87.5°	225.2	218.8	215.5	212.1	211.5	210.9	186.0	161.0	185.4	210.0
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°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
5076.7	2.5°	5056.7	5041.1	5025.5	5011.2	4996.7	4978.8	4996.7	5011.2	5025.5	5041.1
4776.6	5°	4749.0	4729.4	4709.9	4694.9	4680.0	4665.3	4680.0	4694.9	4709.9	4729.4
4596.7	7.5°	4563.8	4541.3	4519.0	4505.5	4492.3	4482.2	4492.3	4505.5	4519.0	4541.3
4544.9	10°	4507.9	4486.6	4465.4	4454.0	4442.6	4438.0	4442.6	4454.0	4465.4	4486.6
4637.9	12.5°	4590.6	4566.8	4543.2	4533.5	4523.9	4522.2	4523.9	4533.5	4543.2	4566.8
4833.6	15°	4761.6	4728.6	4695.8	4683.2	4670.5	4669.5	4670.5	4683.2	4695.8	4728.6
5032.3	17.5°	4926.2	4877.4	4828.3	4812.4	4796.2	4793.6	4796.2	4812.4	4828.3	4877.4
5156.0	20°	5026.2	4963.7	4900.9	4881.0	4861.0	4854.7	4861.0	4881.0	4900.9	4963.7
5163.8	22.5°	5029.7	4963.9	4897.8	4875.7	4853.6	4844.1	4853.6	4875.7	4897.8	4963.9
5046.6	25°	4927.9	4870.6	4813.6	4792.8	4772.2	4760.0	4772.2	4792.8	4813.6	4870.6
4820.8	27.5°	4728.4	4690.1	4651.6	4642.1	4632.6	4629.5	4632.6	4642.1	4651.6	4690.1
4549.1	30°	4482.6	4463.0	4443.3	4443.3	4443.3	4446.4	4443.3	4443.3	4443.3	4463.0
4288.8	32.5°	4236.0	4223.1	4210.3	4212.0	4213.9	4217.0	4213.9	4212.0	4210.3	4223.1
4066.8	35°	4018.2	3998.6	3979.3	3975.0	3970.8	3968.7	3970.8	3975.0	3979.3	3998.6
3878.0	37.5°	3833.0	3797.4	3762.1	3743.4	3724.6	3714.1	3724.6	3743.4	3762.1	3797.4
3701.3	40°	3663.2	3611.4	3560.1	3525.1	3490.6	3470.0	3490.6	3525.1	3560.1	3611.4
3523.0	42.5°	3491.1	3426.9	3362.7	3312.0	3261.3	3228.0	3261.3	3312.0	3362.7	3426.9
3350.5	45°	3321.7	3248.2	3175.0	3115.4	3055.9	3017.6	3055.9	3115.4	3175.0	3248.2
3207.8	47.5°	3187.6	3122.4	3057.1	3002.0	2947.1	2910.3	2947.1	3002.0	3057.1	3122.4
3108.5	50°	3107.7	3055.5	3003.3	2952.4	2901.4	2866.1	2901.4	2952.4	3003.3	3055.5
3042.8	52.5°	3053.8	3011.3	2968.8	2923.1	2877.7	2845.0	2877.7	2923.1	2968.8	3011.3
2988.1	55°	3003.3	2966.2	2929.2	2889.2	2849.2	2819.8	2849.2	2889.2	2929.2	2966.2
2934.5	57.5°	2949.8	2912.4	2874.9	2835.4	2795.6	2765.1	2795.6	2835.4	2874.9	2912.4
2858.7	60°	2875.5	2838.9	2802.5	2761.7	2720.9	2689.3	2720.9	2761.7	2802.5	2838.9
2740.9	62.5°	2757.1	2724.0	2691.0	2648.1	2605.1	2567.3	2605.1	2648.1	2691.0	2724.0
2580.7	65°	2597.1	2565.4	2533.6	2491.9	2450.5	2417.9	2450.5	2491.9	2533.6	2565.4
2398.7	67.5°	2414.7	2385.5	2356.4	2317.7	2279.0	2249.5	2279.0	2317.7	2356.4	2385.5
2204.1	70°	2219.6	2195.9	2172.1	2135.0	2098.0	2064.3	2098.0	2135.0	2172.1	2195.9
1986.5	72.5°	2005.0	1985.2	1965.4	1930.1	1894.9	1862.3	1894.9	1930.1	1965.4	1985.2
1729.7	75°	1749.1	1739.4	1729.7	1700.1	1670.4	1639.3	1670.4	1700.1	1729.7	1739.4
1482.7	77.5°	1500.8	1487.3	1473.4	1443.6	1413.7	1388.8	1413.7	1443.6	1473.4	1487.3
1196.5	80°	1220.5	1214.6	1208.9	1168.7	1128.3	1081.6	1128.3	1168.7	1208.9	1214.6
870.3	82.5°	911.2	908.6	905.9	872.0	837.9	808.1	837.9	872.0	905.9	908.6
528.2	85°	578.7	574.5	570.3	543.8	517.2	490.3	517.2	543.8	570.3	574.5
230.4	87.5°	250.8	245.8	240.3	226.8	213.0	199.9	213.0	226.8	240.3	245.8
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
5056.7	2.5°	5076.7	5096.6	5121.5	5146.1	5177.9	5209.9	5241.6	5273.4	5309.6	5346.0
4749.0	5°	4776.6	4804.1	4843.7	4883.1	4934.4	4985.5	5041.9	5098.3	5162.1	5226.1
4563.8	7.5°	4596.7	4629.5	4676.2	4723.1	4785.6	4848.3	4919.5	4990.4	5074.6	5158.7
4507.9	10°	4544.9	4581.5	4637.7	4693.7	4764.2	4834.7	4911.3	4987.6	5071.8	5156.0
4590.6	12.5°	4637.9	4685.3	4756.8	4828.3	4901.2	4974.2	5033.9	5094.1	5149.7	5205.7
4761.6	15°	4833.6	4905.6	5007.4	5109.3	5172.6	5236.0	5251.5	5267.1	5259.5	5251.9
4926.2	17.5°	5032.3	5138.3	5273.2	5408.1	5459.0	5510.1	5461.5	5412.7	5321.0	5229.2
5026.2	20°	5156.0	5286.0	5440.1	5594.3	5618.1	5641.7	5539.6	5437.5	5278.0	5118.7
5029.7	22.5°	5163.8	5297.6	5444.9	5592.2	5578.1	5563.8	5431.0	5298.2	5116.0	4934.2
4927.9	25°	5046.6	5165.7	5286.2	5407.0	5358.4	5309.6	5178.9	5048.3	4884.5	4721.0
4728.4	27.5°	4820.8	4913.2	4999.0	5085.1	5030.6	4976.3	4871.5	4766.7	4632.4	4498.0
4482.6	30°	4549.1	4615.2	4680.8	4746.3	4702.1	4657.9	4570.8	4483.9	4372.3	4260.8
4236.0	32.5°	4288.8	4341.6	4402.0	4462.2	4413.0	4363.9	4280.4	4197.1	4107.8	4018.8
4018.2	35°	4066.8	4115.6	4158.3	4201.3	4142.3	4083.4	4000.7	3918.2	3850.5	3782.5
3833.0	37.5°	3878.0	3922.9	3942.6	3962.4	3889.6	3816.8	3734.3	3652.0	3603.4	3554.6
3663.2	40°	3701.3	3739.4	3734.7	3729.9	3645.9	3562.2	3482.6	3403.1	3368.0	3332.8
3491.1	42.5°	3523.0	3555.2	3531.0	3506.8	3416.4	3325.9	3250.3	3175.0	3146.2	3117.5
3321.7	45°	3350.5	3379.5	3344.8	3310.1	3216.2	3122.4	3050.8	2979.3	2954.9	2930.9
3187.6	47.5°	3207.8	3228.0	3188.0	3148.1	3055.5	2962.9	2893.0	2822.9	2800.4	2777.7
3107.7	50°	3108.5	3109.8	3058.4	3007.1	2924.2	2841.2	2775.4	2709.3	2673.7	2638.4
3053.8	52.5°	3042.8	3031.9	2971.1	2910.3	2832.8	2755.6	2695.2	2634.6	2581.6	2528.3
3003.3	55°	2988.1	2973.0	2908.4	2844.0	2776.4	2708.7	2643.4	2578.2	2502.9	2427.3
2949.8	57.5°	2934.5	2919.1	2854.3	2789.3	2722.1	2655.2	2578.6	2502.0	2420.8	2339.6
2875.5	60°	2858.7	2841.9	2776.6	2711.4	2643.2	2575.3	2487.3	2399.3	2328.2	2256.9
2757.1	62.5°	2740.9	2724.7	2664.9	2605.1	2532.5	2459.9	2357.3	2254.8	2209.5	2164.3
2597.1	65°	2580.7	2564.1	2511.5	2458.9	2389.4	2320.0	2210.0	2100.1	2082.9	2065.4
2414.7	67.5°	2398.7	2382.5	2337.1	2291.6	2225.9	2160.1	2058.4	1957.0	1962.5	1968.0
2219.6	70°	2204.1	2188.5	2147.5	2106.4	2049.6	1992.8	1903.6	1814.3	1833.3	1852.2
2005.0	72.5°	1986.5	1968.0	1927.8	1887.6	1836.2	1784.9	1714.8	1644.5	1672.1	1699.9
1749.1	75°	1729.7	1710.4	1673.8	1637.2	1590.7	1544.1	1492.0	1439.8	1466.5	1493.0
1500.8	77.5°	1482.7	1464.6	1426.3	1387.8	1347.8	1307.8	1265.5	1223.0	1250.0	1276.9
1220.5	80°	1196.5	1172.5	1143.5	1114.2	1080.6	1046.9	1011.8	976.4	999.1	1021.6
911.2	82.5°	870.3	829.5	767.2	704.9	716.7	728.5	731.5	734.4	750.4	766.4
578.7	85°	528.2	477.7	419.2	360.9	393.5	426.1	441.5	456.6	474.5	492.4
250.8	87.5°	230.4	210.0	185.4	161.0	186.0	210.9	211.5	212.1	215.5	218.8
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
5386.2	2.5°	5426.6	5476.5	5521.3	5567.6	5613.9	5662.3	5710.7	5758.7	5806.9	5852.1
5302.5	5°	5378.6	5466.0	5554.3	5648.0	5741.6	5841.8	5942.2	6041.7	6141.4	6241.4
5259.9	7.5°	5361.4	5474.4	5595.0	5725.6	5856.3	6004.7	6153.0	6305.4	6457.7	6622.5
5262.9	10°	5369.8	5491.2	5640.0	5794.9	5949.3	6129.7	6309.8	6511.0	6712.3	6920.9
5292.8	12.5°	5380.3	5493.3	5649.7	5824.5	5999.4	6211.9	6424.5	6652.6	6880.7	7109.6
5293.6	15°	5335.5	5426.0	5599.2	5801.6	6004.0	6248.8	6493.5	6741.0	6988.4	7227.3
5214.1	17.5°	5198.7	5254.5	5458.2	5701.6	5945.1	6229.2	6513.3	6783.3	7053.2	7295.4
5047.2	20°	4975.7	4990.4	5227.5	5529.3	5831.1	6175.3	6519.6	6816.3	7113.0	7364.9
4828.3	22.5°	4722.5	4693.7	4963.7	5327.1	5690.5	6109.2	6528.0	6860.9	7193.6	7451.0
4599.0	25°	4476.9	4399.1	4675.8	5101.3	5527.0	6044.0	6561.3	6941.7	7322.0	7573.8
4380.1	27.5°	4262.3	4167.6	4419.5	4894.8	5370.2	6000.5	6630.7	7068.0	7505.0	7745.6
4167.0	30°	4073.5	3999.2	4210.7	4722.3	5233.9	5980.0	6725.8	7231.5	7737.1	7969.2
3963.5	32.5°	3908.1	3875.1	4045.5	4573.5	5101.3	5954.8	6807.9	7402.1	7996.4	8226.2
3767.1	35°	3752.0	3765.7	3907.7	4427.3	4946.8	5907.2	6868.1	7596.6	8325.1	8545.4
3571.4	37.5°	3588.3	3638.4	3762.5	4255.1	4747.8	5825.8	6903.8	7814.4	8724.9	9005.6
3370.9	40°	3409.0	3485.8	3598.4	4049.8	4501.1	5713.6	6926.4	8090.9	9255.2	9664.3
3168.0	42.5°	3218.5	3315.3	3419.1	3823.1	4227.1	5597.9	6969.1	8452.6	9936.2	10526.6
2979.9	45°	3029.2	3122.8	3228.0	3582.4	3936.8	5490.4	7044.2	8928.6	10813.0	11609.5
2818.9	47.5°	2860.2	2940.8	3076.5	3391.9	3707.4	5401.6	7095.7	9435.7	11775.7	12896.9
2674.8	50°	2711.4	2805.1	2983.5	3265.5	3547.5	5304.8	7062.1	9906.3	12750.5	14440.6
2564.3	52.5°	2600.5	2731.4	2936.6	3182.1	3427.9	5141.3	6854.8	10211.8	13568.6	16062.2
2484.4	55°	2541.6	2738.8	2929.6	3121.8	3313.9	4870.2	6426.6	10144.5	13862.2	17499.9
2422.9	57.5°	2506.2	2746.1	2914.5	3050.2	3185.9	4488.1	5790.0	9670.6	13551.4	18518.8
2365.0	60°	2473.0	2723.0	2834.1	2940.8	3047.5	3991.9	4936.3	8788.7	12641.0	18773.4
2299.2	62.5°	2434.3	2666.2	2679.8	2750.5	2821.5	3398.0	3974.6	7596.2	11217.7	17701.3
2209.1	65°	2352.6	2529.4	2527.7	2561.2	2594.6	2863.8	3132.9	6379.4	9626.2	16184.3
2087.5	67.5°	2207.0	2306.3	2311.0	2292.4	2273.7	2350.3	2426.7	5187.6	7948.4	14379.0
1937.2	70°	2022.2	2054.9	2054.9	1968.4	1881.7	1860.0	1838.1	4084.5	6330.8	12409.1
1758.2	72.5°	1816.4	1816.0	1795.4	1672.7	1549.8	1483.8	1417.9	3122.6	4827.3	10273.7
1538.0	75°	1582.9	1590.9	1495.7	1358.1	1220.5	1160.7	1101.0	2266.3	3431.7	7825.7
1312.9	77.5°	1348.9	1353.1	1196.3	1062.7	929.1	888.2	847.6	1535.7	2223.8	5477.3
1051.9	80°	1082.0	1082.7	895.4	782.4	669.2	652.3	635.5	989.4	1343.6	3528.9
781.1	82.5°	795.9	787.0	627.1	543.8	460.4	457.1	454.1	608.6	763.4	2042.4
508.2	85°	524.0	512.4	393.5	332.5	271.5	273.1	274.6	325.3	376.3	918.7
225.2	87.5°	231.5	216.7	167.3	142.3	117.4	118.9	120.4	134.9	149.4	300.9
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°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
5897.3	2.5°	5919.6	5942.2	5973.9	6005.7	6024.7	6043.6	6053.1	6062.5	6058.3	6062.5
6341.4	5°	6419.4	6497.7	6575.1	6652.8	6694.9	6737.0	6762.4	6788.1	6807.5	6788.1
6787.5	7.5°	6914.6	7041.5	7155.7	7270.0	7338.8	7407.6	7444.9	7481.9	7499.8	7481.9
7129.4	10°	7279.7	7429.9	7564.0	7698.0	7779.2	7860.0	7896.2	7932.2	7945.9	7932.2
7338.8	12.5°	7501.7	7664.3	7785.5	7906.3	7965.3	8024.2	8044.0	8063.7	8065.8	8063.7
7466.1	15°	7606.7	7747.0	7823.0	7899.2	7901.3	7903.4	7882.3	7861.3	7836.5	7861.3
7537.7	17.5°	7632.6	7727.5	7728.9	7730.2	7645.0	7559.7	7481.7	7403.4	7348.3	7403.4
7616.6	20°	7649.6	7682.9	7582.9	7482.9	7294.8	7106.7	6969.7	6832.7	6748.5	6832.7
7708.1	22.5°	7664.8	7621.4	7414.3	7207.3	6930.6	6653.8	6482.6	6311.3	6218.2	6311.3
7825.9	25°	7689.2	7552.4	7238.0	6923.6	6587.6	6251.5	6071.4	5891.7	5803.7	5891.7
7985.9	27.5°	7741.4	7496.6	7080.2	6663.9	6291.5	5919.0	5741.8	5564.9	5481.7	5564.9
8201.6	30°	7836.9	7472.4	6959.8	6447.2	6059.2	5671.1	5506.8	5342.4	5265.0	5342.4
8456.2	32.5°	7956.8	7457.7	6877.7	6297.8	5933.1	5568.4	5439.4	5310.2	5254.5	5310.2
8765.5	35°	8154.4	7543.5	6939.2	6335.0	6081.7	5828.5	5798.4	5768.3	5763.7	5768.3
9286.3	37.5°	8567.5	7848.7	7299.4	6750.2	6733.8	6717.4	6855.0	6992.6	7064.2	6992.6
10073.4	40°	9291.6	8509.8	8101.4	7693.0	7981.2	8269.5	8604.1	8938.7	9105.4	8938.7
11117.1	42.5°	10341.4	9565.8	9330.5	9095.3	9724.0	10352.8	10961.4	11569.9	11927.3	11569.9
12406.0	45°	11709.2	11012.3	10908.6	10804.6	11811.9	12819.5	13819.5	14819.6	15426.7	14819.6
14017.9	47.5°	13340.1	12662.1	12641.0	12620.0	14073.2	15526.1	16990.0	18453.8	19313.4	18453.8
16130.6	50°	15293.3	14456.2	14459.8	14463.4	16336.2	18209.1	20141.4	22073.8	23242.2	22073.8
18555.8	52.5°	17542.0	16528.3	16425.9	16323.2	18560.3	20797.4	23188.3	25579.0	26979.4	25579.0
21137.8	55°	20136.2	19134.5	18734.9	18335.3	20825.1	23314.8	26165.0	29015.3	30680.9	29015.3
23486.3	57.5°	22940.8	22395.2	21593.6	20792.3	23306.3	25820.4	29048.8	32277.0	34342.4	32277.0
24905.6	60°	25752.8	26600.2	25604.9	24609.5	26988.7	29367.8	32824.4	36280.9	38513.2	36280.9
24184.9	62.5°	26499.8	28814.8	28702.6	28590.3	30769.7	32949.4	36238.0	39526.4	41589.7	39526.4
22742.4	65°	24915.1	27087.8	27517.7	27947.4	30717.1	33487.0	36675.9	39864.6	41621.2	39864.6
20809.6	67.5°	22876.0	24942.4	25144.0	25345.4	28231.3	31116.9	34319.5	37522.0	38898.3	37522.0
18487.5	70°	20735.1	22982.9	23073.0	23163.2	25744.0	28324.5	31080.5	33836.3	34601.2	33836.3
15720.3	72.5°	18299.5	20879.0	20943.8	21008.4	23027.5	25046.6	27110.7	29174.6	29252.1	29174.6
12219.8	75°	14889.3	17558.8	17798.5	18038.2	19609.1	21179.9	22633.0	24086.0	23696.7	24086.0
8730.8	77.5°	11222.7	13714.9	14057.9	14400.9	15595.1	16789.3	17819.8	18850.4	18181.3	18850.4
5714.3	80°	7810.8	9907.1	10333.4	10759.8	11661.7	12563.2	13104.4	13645.4	12569.1	13645.4
3321.7	82.5°	4754.9	6188.4	6664.6	7141.0	7761.8	8382.5	8608.3	8833.9	7988.0	8833.9
1461.4	85°	2222.2	2982.9	3387.9	3793.0	4303.1	4813.0	4941.1	5069.3	4391.7	5069.3
452.4	87.5°	708.1	963.8	1189.8	1415.8	1670.8	1925.9	1936.8	1947.5	1635.1	1947.5
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):

325°		330°	335°	340°	345°	350°	355°	360°
5483.8	0°	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8	5483.8
6053.1	2.5°	6043.6	6024.7	6005.7	5973.9	5942.2	5919.6	5897.3
6762.4	5°	6737.0	6694.9	6652.8	6575.1	6497.7	6419.4	6341.4
7444.9	7.5°	7407.6	7338.8	7270.0	7155.7	7041.5	6914.6	6787.5
7896.2	10°	7860.0	7779.2	7698.0	7564.0	7429.9	7279.7	7129.4
8044.0	12.5°	8024.2	7965.3	7906.3	7785.5	7664.3	7501.7	7338.8
7882.3	15°	7903.4	7901.3	7899.2	7823.0	7747.0	7606.7	7466.1
7481.7	17.5°	7559.7	7645.0	7730.2	7728.9	7727.5	7632.6	7537.7
6969.7	20°	7106.7	7294.8	7482.9	7582.9	7682.9	7649.6	7616.6
6482.6	22.5°	6653.8	6930.6	7207.3	7414.3	7621.4	7664.8	7708.1
6071.4	25°	6251.5	6587.6	6923.6	7238.0	7552.4	7689.2	7825.9
5741.8	27.5°	5919.0	6291.5	6663.9	7080.2	7496.6	7741.4	7985.9
5506.8	30°	5671.1	6059.2	6447.2	6959.8	7472.4	7836.9	8201.6
5439.4	32.5°	5568.4	5933.1	6297.8	6877.7	7457.7	7956.8	8456.2
5798.4	35°	5828.5	6081.7	6335.0	6939.2	7543.5	8154.4	8765.5
6855.0	37.5°	6717.4	6733.8	6750.2	7299.4	7848.7	8567.5	9286.3
8604.1	40°	8269.5	7981.2	7693.0	8101.4	8509.8	9291.6	10073.4
10961.4	42.5°	10352.8	9724.0	9095.3	9330.5	9565.8	10341.4	11117.1
13819.5	45°	12819.5	11811.9	10804.6	10908.6	11012.3	11709.2	12406.0
16990.0	47.5°	15526.1	14073.2	12620.0	12641.0	12662.1	13340.1	14017.9
20141.4	50°	18209.1	16336.2	14463.4	14459.8	14456.2	15293.3	16130.6
23188.3	52.5°	20797.4	18560.3	16323.2	16425.9	16528.3	17542.0	18555.8
26165.0	55°	23314.8	20825.1	18335.3	18734.9	19134.5	20136.2	21137.8
29048.8	57.5°	25820.4	23306.3	20792.3	21593.6	22395.2	22940.8	23486.3
32824.4	60°	29367.8	26988.7	24609.5	25604.9	26600.2	25752.8	24905.6
36238.0	62.5°	32949.4	30769.7	28590.3	28702.6	28814.8	26499.8	24184.9
36675.9	65°	33487.0	30717.1	27947.4	27517.7	27087.8	24915.1	22742.4
34319.5	67.5°	31116.9	28231.3	25345.4	25144.0	24942.4	22876.0	20809.6
31080.5	70°	28324.5	25744.0	23163.2	23073.0	22982.9	20735.1	18487.5
27110.7	72.5°	25046.6	23027.5	21008.4	20943.8	20879.0	18299.5	15720.3
22633.0	75°	21179.9	19609.1	18038.2	17798.5	17558.8	14889.3	12219.8
17819.8	77.5°	16789.3	15595.1	14400.9	14057.9	13714.9	11222.7	8730.8
13104.4	80°	12563.2	11661.7	10759.8	10333.4	9907.1	7810.8	5714.3
8608.3	82.5°	8382.5	7761.8	7141.0	6664.6	6188.4	4754.9	3321.7
4941.1	85°	4813.0	4303.1	3793.0	3387.9	2982.9	2222.2	1461.4
1936.8	87.5°	1925.9	1670.8	1415.8	1189.8	963.8	708.1	452.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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