

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: P955802

Luminaire Tested: **GALN-SB8C-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955802
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-SB8C-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36729 lumens
Efficiency: N/A
Efficacy: 91.9 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

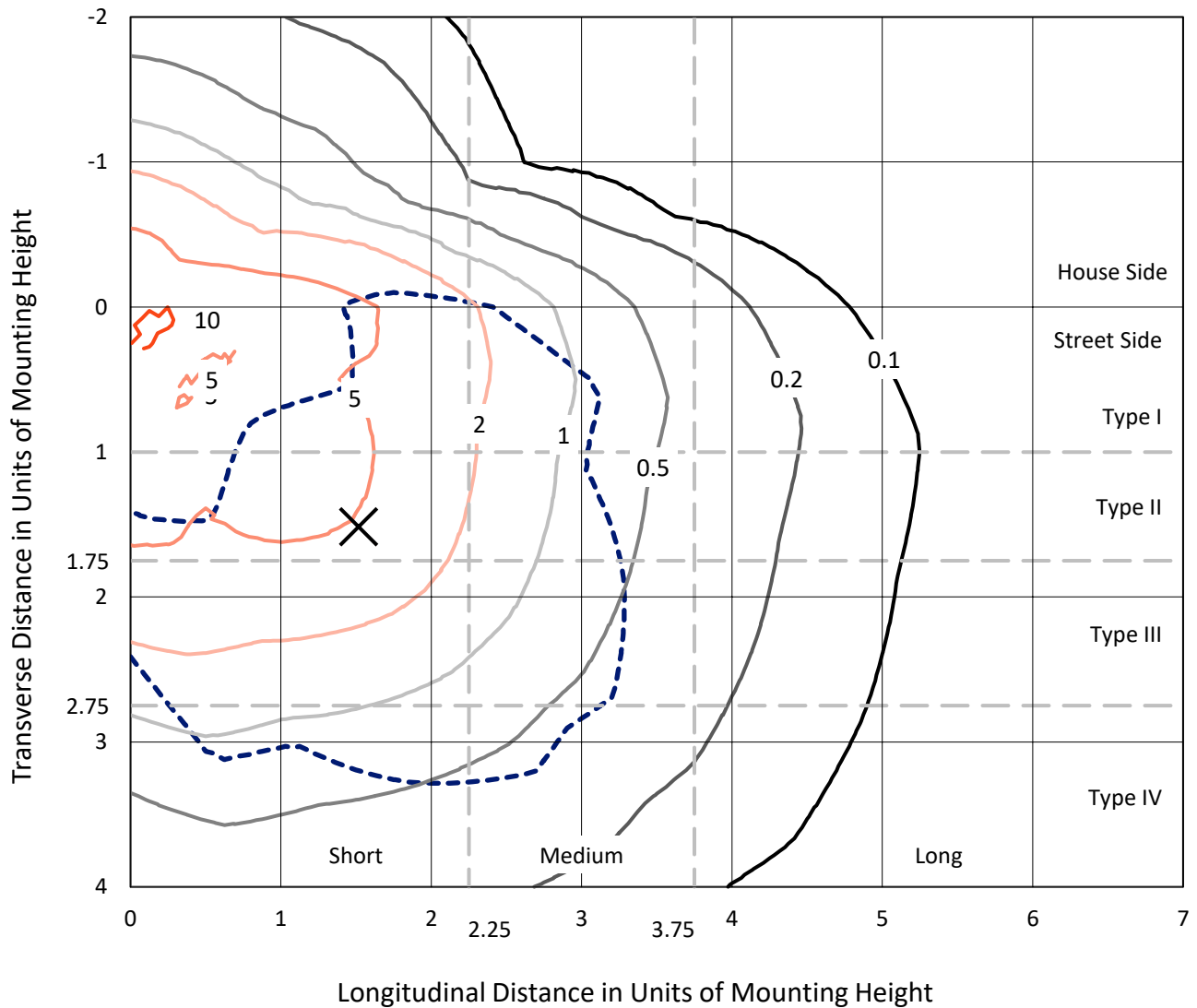
Input Watts (W): 399.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

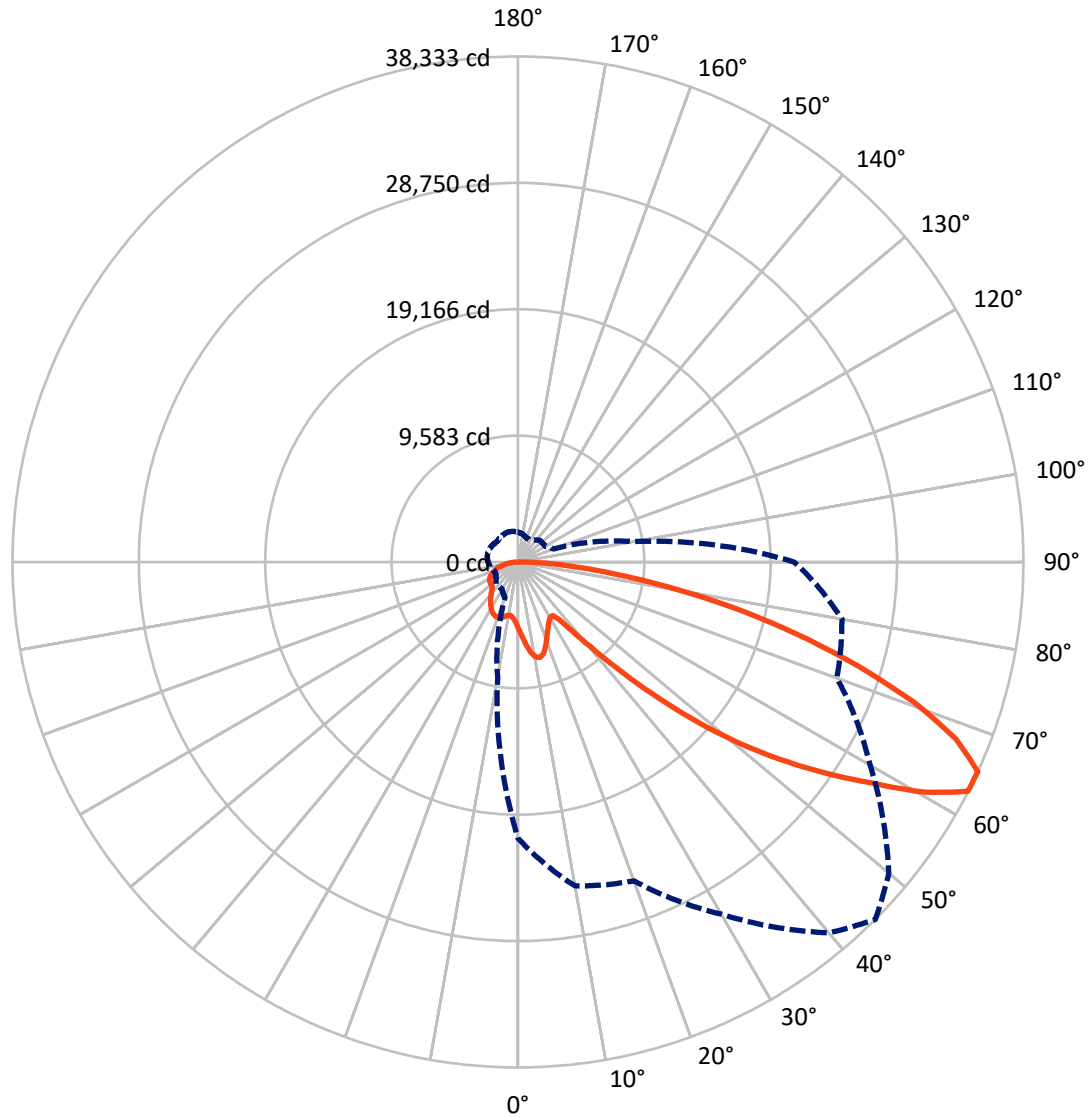
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.2 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	9334.7	0.0	9334.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	27394.3	0.0	27394.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	36729.0	0.0	36729.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	501.0	1.4
10°-20°	1572.8	4.3
20°-30°	2429.4	6.6
30°-40°	3078.7	8.4
40°-50°	4643.4	12.6
50°-60°	7502.1	20.4
60°-70°	9352.5	25.5
70°-80°	6132.9	16.7
80°-90°	1516.2	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°	36729.0	100.0
0°-180°	36729.0	100.0

Coefficient of Utilization



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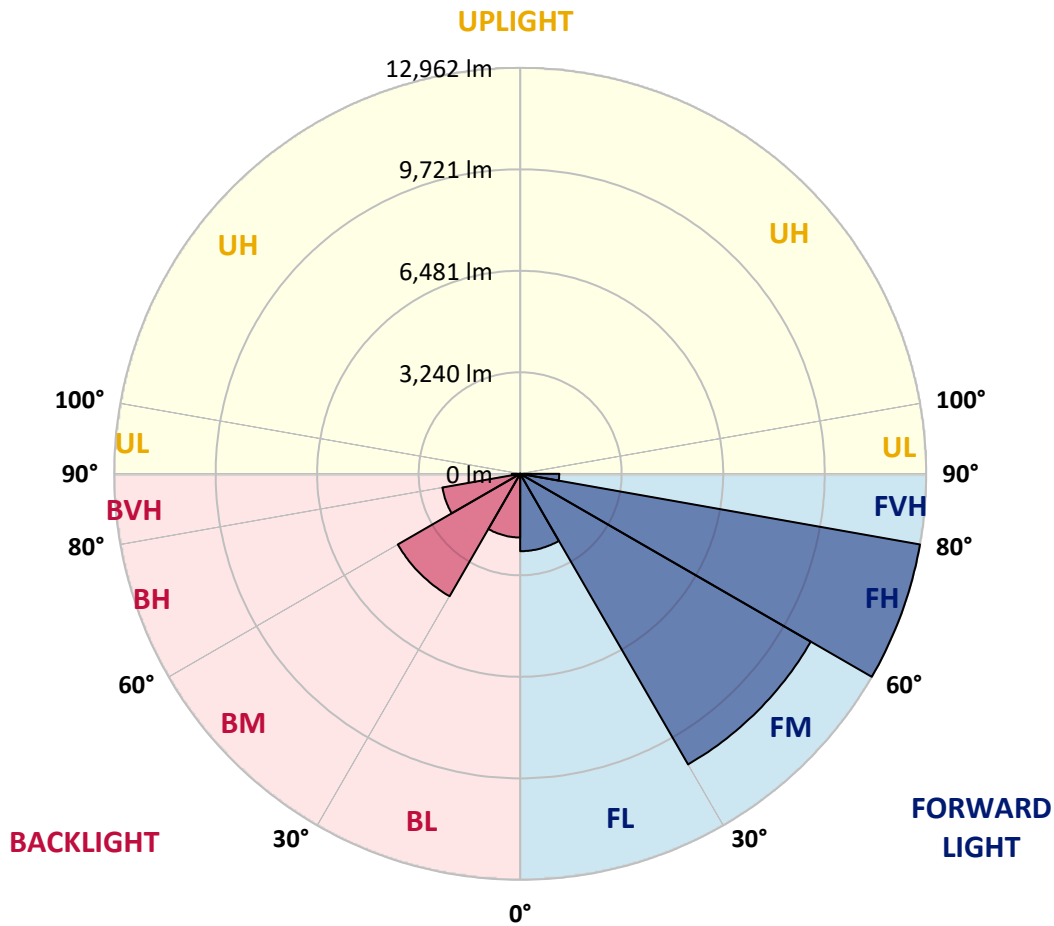
CATALOG NUMBER: GALN-SB8C-927-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2470.4	6.7			
FM (30°-60°)	10713.0	29.2			
FH (60°-80°)	12961.8	35.3			G5
FVH (80°-90°)	1249.0	3.4			G5
BL (0°-30°)	2032.7	5.5	B3/2500		
BM (30°-60°)	4511.1	12.3	B3/5000		
BH (60°-80°)	2523.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	267.2	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°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
2.5°	5431.4	5451.9	5472.7	5501.9	5531.2	5548.6	5566.1	5574.8	5583.5	5579.6
5°	5840.3	5912.2	5984.3	6055.6	6127.1	6165.9	6204.7	6228.1	6251.8	6269.6
7.5°	6251.2	6368.2	6485.1	6590.3	6695.6	6758.9	6822.3	6856.6	6890.7	6907.2
10°	6566.1	6704.5	6842.9	6966.3	7089.8	7164.6	7239.0	7272.3	7305.5	7318.1
12.5°	6758.9	6908.9	7058.8	7170.4	7281.6	7335.9	7390.2	7408.4	7426.6	7428.5
15°	6876.2	7005.7	7134.9	7204.9	7275.0	7277.0	7278.9	7259.5	7240.2	7217.3
17.5°	6942.1	7029.5	7116.9	7118.3	7119.4	7040.9	6962.4	6890.5	6818.4	6767.7
20°	7014.8	7045.2	7075.8	6983.8	6891.7	6718.4	6545.2	6419.0	6292.8	6215.3
22.5°	7099.1	7059.1	7019.2	6828.5	6637.8	6383.0	6128.1	5970.4	5812.6	5726.9
25°	7207.6	7081.6	6955.7	6666.1	6376.6	6067.1	5757.6	5591.7	5426.1	5345.1
27.5°	7354.9	7129.7	6904.3	6520.8	6137.4	5794.4	5451.3	5288.2	5125.2	5048.6
30°	7553.5	7217.7	6882.0	6409.9	5937.8	5580.4	5223.0	5071.7	4920.3	4849.0
32.5°	7788.0	7328.1	6868.4	6334.3	5800.2	5464.3	5128.5	5009.7	4890.7	4839.3
35°	8072.9	7510.1	6947.5	6390.9	5834.5	5601.2	5368.0	5340.3	5312.6	5308.3
37.5°	8552.6	7890.6	7228.5	6722.7	6216.9	6201.8	6186.6	6313.4	6440.1	6506.0
40°	9277.4	8557.5	7837.5	7461.3	7085.1	7350.6	7616.1	7924.3	8232.4	8385.9
42.5°	10238.7	9524.3	8810.0	8593.3	8376.6	8955.7	9534.8	10095.3	10655.8	10984.9
45°	11425.8	10784.1	10142.2	10046.6	9950.9	10878.7	11806.6	12727.6	13648.7	14207.8
47.5°	12910.3	12286.1	11661.6	11642.2	11622.9	12961.3	14299.3	15647.6	16995.7	17787.4
50°	14856.1	14085.0	13314.0	13317.3	13320.6	15045.5	16770.3	18550.0	20329.7	21405.7
52.5°	17089.7	16156.0	15222.4	15128.0	15033.4	17093.8	19154.1	21356.1	23557.9	24847.7
55°	19467.7	18545.2	17622.7	17254.6	16886.6	19179.7	21472.6	24097.7	26722.8	28256.7
57.5°	21630.6	21128.2	20625.7	19887.5	19149.5	21464.9	23780.2	26753.6	29726.8	31628.9
60°	22937.8	23718.0	24498.5	23581.8	22665.1	24856.2	27047.4	30230.8	33414.3	35470.2
62.5°	22274.0	24406.0	26538.1	26434.8	26331.3	28338.5	30346.0	33374.7	36403.3	38303.6
65°	20945.5	22946.5	24947.5	25343.5	25739.2	28290.1	30841.1	33778.0	36714.8	38332.7
67.5°	19165.4	21068.5	22971.7	23157.4	23342.8	26000.7	28658.3	31607.8	34557.3	35824.8
70°	17026.7	19096.8	21167.0	21249.9	21333.1	23709.9	26086.5	28624.8	31162.8	31867.3
72.5°	14478.2	16853.7	19229.3	19289.0	19348.5	21208.1	23067.6	24968.7	26869.5	26940.8
75°	11254.2	13712.9	16171.5	16392.2	16612.9	18059.7	19506.5	20844.7	22182.9	21824.4
77.5°	8041.0	10336.0	12631.2	12947.1	13263.0	14362.9	15462.7	16411.8	17361.0	16744.7
80°	5262.8	7193.6	9124.3	9517.0	9909.6	10740.3	11570.5	12069.0	12567.3	11576.0
82.5°	3059.2	4379.2	5699.4	6138.0	6576.8	7148.5	7720.2	7928.2	8135.9	7356.8
85°	1346.0	2046.6	2747.2	3120.3	3493.3	3963.1	4432.7	4550.7	4668.8	4044.7
87.5°	416.7	652.2	887.6	1095.8	1303.9	1538.8	1773.7	1783.8	1793.7	1505.9
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°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
5583.5	2.5°	5574.8	5566.1	5548.6	5531.2	5501.9	5472.7	5451.9	5431.4	5389.7	5348.0
6251.8	5°	6228.1	6204.7	6165.9	6127.1	6055.6	5984.3	5912.2	5840.3	5748.3	5656.2
6890.7	7.5°	6856.6	6822.3	6758.9	6695.6	6590.3	6485.1	6368.2	6251.2	6099.2	5947.5
7305.5	10°	7272.3	7239.0	7164.6	7089.8	6966.3	6842.9	6704.5	6566.1	6374.0	6182.0
7426.6	12.5°	7408.4	7390.2	7335.9	7281.6	7170.4	7058.8	6908.9	6758.9	6547.9	6337.0
7240.2	15°	7259.5	7278.9	7277.0	7275.0	7204.9	7134.9	7005.7	6876.2	6656.2	6436.3
6818.4	17.5°	6890.5	6962.4	7040.9	7119.4	7118.3	7116.9	7029.5	6942.1	6719.0	6496.0
6292.8	20°	6419.0	6545.2	6718.4	6891.7	6983.8	7075.8	7045.2	7014.8	6783.0	6551.0
5812.6	22.5°	5970.4	6128.1	6383.0	6637.8	6828.5	7019.2	7059.1	7099.1	6862.2	6625.2
5426.1	25°	5591.7	5757.6	6067.1	6376.6	6666.1	6955.7	7081.6	7207.6	6975.4	6743.4
5125.2	27.5°	5288.2	5451.3	5794.4	6137.4	6520.8	6904.3	7129.7	7354.9	7133.6	6912.0
4920.3	30°	5071.7	5223.0	5580.4	5937.8	6409.9	6882.0	7217.7	7553.5	7339.6	7125.8
4890.7	32.5°	5009.7	5128.5	5464.3	5800.2	6334.3	6868.4	7328.1	7788.0	7576.2	7364.6
5312.6	35°	5340.3	5368.0	5601.2	5834.5	6390.9	6947.5	7510.1	8072.9	7870.2	7667.3
6440.1	37.5°	6313.4	6186.6	6201.8	6216.9	6722.7	7228.5	7890.6	8552.6	8294.1	8035.5
8232.4	40°	7924.3	7616.1	7350.6	7085.1	7461.3	7837.5	8557.5	9277.4	8900.7	8523.9
10655.8	42.5°	10095.3	9534.8	8955.7	8376.6	8593.3	8810.0	9524.3	10238.7	9694.9	9151.1
13648.7	45°	12727.6	11806.6	10878.7	9950.9	10046.6	10142.2	10784.1	11425.8	10692.2	9958.7
16995.7	47.5°	15647.6	14299.3	12961.3	11622.9	11642.2	11661.6	12286.1	12910.3	11877.9	10845.3
20329.7	50°	18550.0	16770.3	15045.5	13320.6	13317.3	13314.0	14085.0	14856.1	13299.7	11743.0
23557.9	52.5°	21356.1	19154.1	17093.8	15033.4	15128.0	15222.4	16156.0	17089.7	14793.1	12496.5
26722.8	55°	24097.7	21472.6	19179.7	16886.6	17254.6	17622.7	18545.2	19467.7	16117.2	12766.9
29726.8	57.5°	26753.6	23780.2	21464.9	19149.5	19887.5	20625.7	21128.2	21630.6	17055.6	12480.6
33414.3	60°	30230.8	27047.4	24856.2	22665.1	23581.8	24498.5	23718.0	22937.8	17290.1	11642.2
36403.3	62.5°	33374.7	30346.0	28338.5	26331.3	26434.8	26538.1	24406.0	22274.0	16302.7	10331.3
36714.8	65°	33778.0	30841.1	28290.1	25739.2	25343.5	24947.5	22946.5	20945.5	14905.5	8865.6
34557.3	67.5°	31607.8	28658.3	26000.7	23342.8	23157.4	22971.7	21068.5	19165.4	13242.9	7320.4
31162.8	70°	28624.8	26086.5	23709.9	21333.1	21249.9	21167.0	19096.8	17026.7	11428.7	5830.6
26869.5	72.5°	24968.7	23067.6	21208.1	19348.5	19289.0	19229.3	16853.7	14478.2	9461.9	4445.9
22182.9	75°	20844.7	19506.5	18059.7	16612.9	16392.2	16171.5	13712.9	11254.2	7207.4	3160.6
17361.0	77.5°	16411.8	15462.7	14362.9	13263.0	12947.1	12631.2	10336.0	8041.0	5044.5	2048.1
12567.3	80°	12069.0	11570.5	10740.3	9909.6	9517.0	9124.3	7193.6	5262.8	3250.1	1237.4
8135.9	82.5°	7928.2	7720.2	7148.5	6576.8	6138.0	5699.4	4379.2	3059.2	1881.1	703.1
4668.8	85°	4550.7	4432.7	3963.1	3493.3	3120.3	2747.2	2046.6	1346.0	846.2	346.5
1793.7	87.5°	1783.8	1773.7	1538.8	1303.9	1095.8	887.6	652.2	416.7	277.1	137.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
5303.7	2.5°	5259.5	5214.9	5170.3	5127.7	5085.1	5043.8	4997.8	4960.6	4923.6	4890.1
5564.3	5°	5472.7	5380.2	5288.0	5201.7	5115.5	5034.1	4953.7	4883.5	4813.1	4754.2
5807.2	7.5°	5666.9	5530.2	5393.6	5273.2	5152.9	5041.8	4937.8	4844.3	4751.1	4673.6
5996.5	10°	5811.2	5645.3	5479.3	5337.0	5194.4	5057.3	4945.5	4847.1	4748.6	4671.1
6126.9	12.5°	5916.9	5721.1	5525.4	5364.3	5203.3	5059.3	4955.2	4874.6	4794.3	4742.8
6208.3	15°	5980.4	5755.0	5529.6	5343.2	5156.8	4997.3	4913.9	4875.4	4837.0	4844.0
6247.3	17.5°	5998.6	5737.0	5475.4	5251.1	5026.9	4839.3	4787.9	4802.1	4816.0	4900.5
6277.7	20°	6004.5	5687.4	5370.3	5092.4	4814.5	4596.1	4582.5	4648.4	4714.3	4861.0
6318.8	22.5°	6012.2	5626.5	5240.9	4906.2	4571.5	4322.8	4349.4	4446.9	4544.3	4711.8
6393.2	25°	6042.8	5566.5	5090.3	4698.2	4306.3	4051.5	4123.2	4235.6	4348.0	4498.6
6509.5	27.5°	6106.8	5526.3	4945.9	4508.1	4070.3	3838.3	3925.5	4034.0	4142.6	4266.4
6660.1	30°	6194.4	5507.5	4820.3	4349.2	3878.0	3683.3	3751.7	3837.7	3924.2	4026.9
6817.3	32.5°	6270.0	5484.3	4698.2	4212.2	3725.9	3568.9	3599.3	3650.3	3701.3	3783.3
6996.4	35°	6325.4	5440.5	4556.0	4077.5	3599.0	3468.1	3455.5	3469.5	3483.6	3546.2
7196.9	37.5°	6358.3	5365.5	4372.6	3918.9	3465.2	3350.9	3304.8	3289.3	3273.8	3318.7
7451.6	40°	6379.1	5262.2	4145.5	3729.8	3314.1	3210.4	3139.6	3104.6	3069.5	3101.8
7784.8	42.5°	6418.4	5155.6	3893.2	3521.0	3148.9	3053.4	2964.2	2917.7	2871.2	2897.6
8223.1	45°	6487.6	5056.6	3625.7	3299.3	2973.0	2876.1	2789.8	2744.5	2699.3	2721.4
8690.2	47.5°	6535.1	4974.8	3414.5	3123.9	2833.4	2708.4	2634.2	2596.2	2558.2	2579.2
9123.6	50°	6504.1	4885.6	3267.2	3007.5	2747.8	2583.4	2497.2	2463.5	2429.9	2462.5
9405.0	52.5°	6313.2	4735.0	3157.1	2930.7	2704.5	2515.6	2395.0	2361.7	2328.6	2377.6
9342.9	55°	5918.8	4485.4	3052.0	2875.1	2698.2	2522.4	2340.8	2288.1	2235.5	2305.1
8906.5	57.5°	5332.5	4133.5	2934.2	2809.2	2684.2	2529.2	2308.2	2231.5	2154.7	2229.5
8094.3	60°	4546.3	3676.5	2806.7	2708.4	2610.2	2507.8	2277.6	2178.2	2078.6	2144.3
6996.0	62.5°	3660.6	3129.6	2598.5	2533.2	2468.1	2455.5	2241.9	2117.5	1993.3	2035.0
5875.4	65°	2885.4	2637.5	2389.6	2358.8	2328.0	2329.5	2166.7	2034.6	1902.2	1918.3
4777.7	67.5°	2235.0	2164.6	2094.1	2111.3	2128.4	2124.1	2032.6	1922.5	1812.5	1807.4
3761.8	70°	1692.9	1713.0	1733.0	1812.9	1892.5	1892.5	1862.5	1784.2	1705.9	1688.4
2875.9	72.5°	1305.9	1366.5	1427.4	1540.6	1653.5	1672.5	1672.9	1619.2	1565.6	1540.0
2087.3	75°	1014.0	1069.0	1124.1	1250.8	1377.6	1465.2	1457.8	1416.5	1375.0	1350.6
1414.4	77.5°	780.6	818.1	855.6	978.7	1101.8	1246.2	1242.3	1209.1	1176.0	1151.2
911.3	80°	585.3	600.8	616.3	720.6	824.6	997.1	996.5	968.8	940.9	920.2
560.5	82.5°	418.2	420.9	424.0	500.8	577.5	724.8	733.0	719.4	705.8	691.1
299.6	85°	252.9	251.6	250.0	306.2	362.4	471.9	482.6	468.0	453.5	437.0
124.2	87.5°	110.9	109.5	108.1	131.0	154.1	199.6	213.2	207.4	201.6	198.5
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
4856.7	2.5°	4827.5	4798.2	4768.8	4739.5	4716.8	4694.0	4675.5	4657.1	4642.8	4628.4
4695.5	5°	4643.6	4591.6	4544.5	4497.2	4461.0	4424.6	4399.2	4373.8	4355.8	4337.7
4596.1	7.5°	4530.8	4465.3	4407.5	4349.9	4306.7	4263.7	4233.5	4203.2	4182.5	4162.0
4593.6	10°	4523.2	4452.7	4387.7	4322.8	4271.3	4219.5	4185.8	4151.7	4132.1	4112.5
4691.6	12.5°	4636.2	4581.2	4513.9	4446.9	4381.0	4315.1	4271.5	4227.9	4206.0	4184.2
4850.9	15°	4836.6	4822.3	4763.9	4705.6	4611.8	4518.0	4451.7	4385.4	4355.0	4324.8
4985.0	17.5°	5030.0	5074.8	5027.7	4980.8	4856.6	4732.3	4634.6	4537.0	4492.0	4446.9
5007.9	20°	5101.9	5195.9	5174.2	5152.3	5010.2	4868.4	4748.6	4629.0	4571.5	4513.7
4879.6	22.5°	5001.9	5124.2	5137.4	5150.4	5014.7	4879.0	4755.8	4632.3	4571.7	4510.8
4649.4	25°	4769.7	4890.1	4935.0	4979.8	4868.6	4757.5	4647.8	4538.5	4485.8	4433.3
4390.1	27.5°	4486.6	4583.1	4633.1	4683.3	4604.0	4525.0	4439.9	4354.8	4319.5	4284.1
4129.6	30°	4209.6	4289.9	4330.6	4371.3	4311.0	4250.5	4189.7	4128.4	4110.4	4092.2
3865.4	32.5°	3942.2	4019.1	4064.3	4109.6	4054.2	3998.6	3949.9	3901.3	3889.5	3877.6
3608.6	35°	3684.6	3760.8	3815.0	3869.3	3829.8	3790.4	3745.5	3700.7	3682.7	3664.8
3363.5	37.5°	3439.3	3515.2	3582.3	3649.3	3631.1	3612.9	3571.6	3530.2	3497.4	3464.8
3134.2	40°	3207.5	3280.7	3357.9	3435.2	3439.6	3443.9	3408.8	3373.8	3326.1	3278.8
2924.1	42.5°	2993.5	3063.1	3146.4	3229.8	3252.0	3274.3	3244.7	3215.2	3156.1	3097.0
2743.9	45°	2809.8	2875.7	2962.1	3048.5	3080.5	3112.5	3085.8	3059.2	2991.6	2924.1
2599.9	47.5°	2664.4	2728.8	2814.0	2899.3	2936.1	2973.0	2954.4	2935.8	2875.7	2815.6
2495.2	50°	2556.1	2616.8	2693.1	2769.5	2816.8	2864.0	2862.9	2862.1	2814.0	2766.0
2426.4	52.5°	2482.3	2537.9	2609.0	2680.3	2736.3	2792.3	2802.4	2812.5	2773.3	2734.2
2374.5	55°	2434.6	2494.7	2557.1	2619.3	2678.6	2738.1	2752.0	2766.0	2731.9	2697.8
2304.3	57.5°	2374.9	2445.4	2507.1	2568.9	2628.8	2688.5	2702.6	2716.8	2682.3	2647.8
2209.8	60°	2290.8	2371.8	2434.4	2497.2	2557.3	2617.3	2632.8	2648.3	2614.6	2581.1
2076.6	62.5°	2171.0	2265.6	2332.4	2399.3	2454.3	2509.4	2524.3	2539.2	2508.8	2478.4
1934.2	65°	2035.3	2136.7	2200.7	2264.6	2313.1	2361.5	2376.8	2391.9	2362.7	2333.4
1802.4	67.5°	1895.8	1989.4	2050.1	2110.5	2152.4	2194.3	2209.2	2223.9	2197.0	2170.2
1671.0	70°	1753.2	1835.3	1887.7	1940.0	1977.8	2015.6	2029.9	2044.3	2022.4	2000.5
1514.6	72.5°	1579.3	1643.9	1691.1	1738.4	1775.4	1812.5	1829.5	1846.6	1828.4	1810.1
1326.0	75°	1374.1	1422.1	1465.0	1507.8	1541.5	1575.2	1593.1	1610.9	1602.0	1593.1
1126.4	77.5°	1165.5	1204.5	1241.3	1278.1	1313.6	1348.9	1365.5	1382.2	1369.8	1357.0
899.3	80°	931.8	964.2	995.2	1026.2	1053.1	1079.9	1102.0	1124.1	1118.6	1113.4
676.4	82.5°	673.7	671.0	660.1	649.2	706.6	764.0	801.6	839.2	836.8	834.3
420.6	85°	406.6	392.5	362.4	332.4	386.1	439.9	486.5	533.0	529.1	525.2
195.4	87.5°	194.8	194.2	171.3	148.3	170.7	193.4	212.2	231.0	226.4	221.3
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°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
4615.3	2.5°	4601.9	4585.4	4601.9	4615.3	4628.4	4642.8	4657.1	4675.5	4694.0	4716.8
4324.0	5°	4310.2	4296.7	4310.2	4324.0	4337.7	4355.8	4373.8	4399.2	4424.6	4461.0
4149.6	7.5°	4137.3	4128.0	4137.3	4149.6	4162.0	4182.5	4203.2	4233.5	4263.7	4306.7
4102.1	10°	4091.6	4087.3	4091.6	4102.1	4112.5	4132.1	4151.7	4185.8	4219.5	4271.3
4175.3	12.5°	4166.4	4164.9	4166.4	4175.3	4184.2	4206.0	4227.9	4271.5	4315.1	4381.0
4313.1	15°	4301.5	4300.5	4301.5	4313.1	4324.8	4355.0	4385.4	4451.7	4518.0	4611.8
4432.1	17.5°	4417.2	4414.9	4417.2	4432.1	4446.9	4492.0	4537.0	4634.6	4732.3	4856.6
4495.3	20°	4476.9	4471.1	4476.9	4495.3	4513.7	4571.5	4629.0	4748.6	4868.4	5010.2
4490.5	22.5°	4470.1	4461.4	4470.1	4490.5	4510.8	4571.7	4632.3	4755.8	4879.0	5014.7
4414.1	25°	4395.1	4383.9	4395.1	4414.1	4433.3	4485.8	4538.5	4647.8	4757.5	4868.6
4275.3	27.5°	4266.6	4263.7	4266.6	4275.3	4284.1	4319.5	4354.8	4439.9	4525.0	4604.0
4092.2	30°	4092.2	4095.1	4092.2	4092.2	4092.2	4110.4	4128.4	4189.7	4250.5	4311.0
3879.2	32.5°	3880.9	3883.8	3880.9	3879.2	3877.6	3889.5	3901.3	3949.9	3998.6	4054.2
3661.0	35°	3657.1	3655.2	3657.1	3661.0	3664.8	3682.7	3700.7	3745.5	3790.4	3829.8
3447.6	37.5°	3430.3	3420.7	3430.3	3447.6	3464.8	3497.4	3530.2	3571.6	3612.9	3631.1
3246.6	40°	3214.8	3195.8	3214.8	3246.6	3278.8	3326.1	3373.8	3408.8	3443.9	3439.6
3050.3	42.5°	3003.6	2973.0	3003.6	3050.3	3097.0	3156.1	3215.2	3244.7	3274.3	3252.0
2869.3	45°	2814.4	2779.2	2814.4	2869.3	2924.1	2991.6	3059.2	3085.8	3112.5	3080.5
2764.8	47.5°	2714.2	2680.3	2714.2	2764.8	2815.6	2875.7	2935.8	2954.4	2973.0	2936.1
2719.1	50°	2672.2	2639.6	2672.2	2719.1	2766.0	2814.0	2862.1	2862.9	2864.0	2816.8
2692.1	52.5°	2650.3	2620.2	2650.3	2692.1	2734.2	2773.3	2812.5	2802.4	2792.3	2736.3
2660.9	55°	2624.1	2597.0	2624.1	2660.9	2697.8	2731.9	2766.0	2752.0	2738.1	2678.6
2611.3	57.5°	2574.7	2546.6	2574.7	2611.3	2647.8	2682.3	2716.8	2702.6	2688.5	2628.8
2543.5	60°	2505.9	2476.8	2505.9	2543.5	2581.1	2614.6	2648.3	2632.8	2617.3	2557.3
2438.8	62.5°	2399.3	2364.4	2399.3	2438.8	2478.4	2508.8	2539.2	2524.3	2509.4	2454.3
2295.0	65°	2256.9	2226.8	2256.9	2295.0	2333.4	2362.7	2391.9	2376.8	2361.5	2313.1
2134.6	67.5°	2098.9	2071.8	2098.9	2134.6	2170.2	2197.0	2223.9	2209.2	2194.3	2152.4
1966.3	70°	1932.2	1901.2	1932.2	1966.3	2000.5	2022.4	2044.3	2029.9	2015.6	1977.8
1777.6	72.5°	1745.2	1715.2	1745.2	1777.6	1810.1	1828.4	1846.6	1829.5	1812.5	1775.4
1565.7	75°	1538.4	1509.7	1538.4	1565.7	1593.1	1602.0	1610.9	1593.1	1575.2	1541.5
1329.5	77.5°	1302.0	1279.1	1302.0	1329.5	1357.0	1369.8	1382.2	1365.5	1348.9	1313.6
1076.4	80°	1039.2	996.2	1039.2	1076.4	1113.4	1118.6	1124.1	1102.0	1079.9	1053.1
803.1	82.5°	771.7	744.2	771.7	803.1	834.3	836.8	839.2	801.6	764.0	706.6
500.8	85°	476.4	451.6	476.4	500.8	525.2	529.1	533.0	486.5	439.9	386.1
208.9	87.5°	196.1	184.1	196.1	208.9	221.3	226.4	231.0	212.2	193.4	170.7
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°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
4739.5	2.5°	4768.8	4798.2	4827.5	4856.7	4890.1	4923.6	4960.6	4997.8	5043.8	5085.1
4497.2	5°	4544.5	4591.6	4643.6	4695.5	4754.2	4813.1	4883.5	4953.7	5034.1	5115.5
4349.9	7.5°	4407.5	4465.3	4530.8	4596.1	4673.6	4751.1	4844.3	4937.8	5041.8	5152.9
4322.8	10°	4387.7	4452.7	4523.2	4593.6	4671.1	4748.6	4847.1	4945.5	5057.3	5194.4
4446.9	12.5°	4513.9	4581.2	4636.2	4691.6	4742.8	4794.3	4874.6	4955.2	5059.3	5203.3
4705.6	15°	4763.9	4822.3	4836.6	4850.9	4844.0	4837.0	4875.4	4913.9	4997.3	5156.8
4980.8	17.5°	5027.7	5074.8	5030.0	4985.0	4900.5	4816.0	4802.1	4787.9	4839.3	5026.9
5152.3	20°	5174.2	5195.9	5101.9	5007.9	4861.0	4714.3	4648.4	4582.5	4596.1	4814.5
5150.4	22.5°	5137.4	5124.2	5001.9	4879.6	4711.8	4544.3	4446.9	4349.4	4322.8	4571.5
4979.8	25°	4935.0	4890.1	4769.7	4649.4	4498.6	4348.0	4235.6	4123.2	4051.5	4306.3
4683.3	27.5°	4633.1	4583.1	4486.6	4390.1	4266.4	4142.6	4034.0	3925.5	3838.3	4070.3
4371.3	30°	4330.6	4289.9	4209.6	4129.6	4026.9	3924.2	3837.7	3751.7	3683.3	3878.0
4109.6	32.5°	4064.3	4019.1	3942.2	3865.4	3783.3	3701.3	3650.3	3599.3	3568.9	3725.9
3869.3	35°	3815.0	3760.8	3684.6	3608.6	3546.2	3483.6	3469.5	3455.5	3468.1	3599.0
3649.3	37.5°	3582.3	3515.2	3439.3	3363.5	3318.7	3273.8	3289.3	3304.8	3350.9	3465.2
3435.2	40°	3357.9	3280.7	3207.5	3134.2	3101.8	3069.5	3104.6	3139.6	3210.4	3314.1
3229.8	42.5°	3146.4	3063.1	2993.5	2924.1	2897.6	2871.2	2917.7	2964.2	3053.4	3148.9
3048.5	45°	2962.1	2875.7	2809.8	2743.9	2721.4	2699.3	2744.5	2789.8	2876.1	2973.0
2899.3	47.5°	2814.0	2728.8	2664.4	2599.9	2579.2	2558.2	2596.2	2634.2	2708.4	2833.4
2769.5	50°	2693.1	2616.8	2556.1	2495.2	2462.5	2429.9	2463.5	2497.2	2583.4	2747.8
2680.3	52.5°	2609.0	2537.9	2482.3	2426.4	2377.6	2328.6	2361.7	2395.0	2515.6	2704.5
2619.3	55°	2557.1	2494.7	2434.6	2374.5	2305.1	2235.5	2288.1	2340.8	2522.4	2698.2
2568.9	57.5°	2507.1	2445.4	2374.9	2304.3	2229.5	2154.7	2231.5	2308.2	2529.2	2684.2
2497.2	60°	2434.4	2371.8	2290.8	2209.8	2144.3	2078.6	2178.2	2277.6	2507.8	2610.2
2399.3	62.5°	2332.4	2265.6	2171.0	2076.6	2035.0	1993.3	2117.5	2241.9	2455.5	2468.1
2264.6	65°	2200.7	2136.7	2035.3	1934.2	1918.3	1902.2	2034.6	2166.7	2329.5	2328.0
2110.5	67.5°	2050.1	1989.4	1895.8	1802.4	1807.4	1812.5	1922.5	2032.6	2124.1	2128.4
1940.0	70°	1887.7	1835.3	1753.2	1671.0	1688.4	1705.9	1784.2	1862.5	1892.5	1892.5
1738.4	72.5°	1691.1	1643.9	1579.3	1514.6	1540.0	1565.6	1619.2	1672.9	1672.5	1653.5
1507.8	75°	1465.0	1422.1	1374.1	1326.0	1350.6	1375.0	1416.5	1457.8	1465.2	1377.6
1278.1	77.5°	1241.3	1204.5	1165.5	1126.4	1151.2	1176.0	1209.1	1242.3	1246.2	1101.8
1026.2	80°	995.2	964.2	931.8	899.3	920.2	940.9	968.8	996.5	997.1	824.6
649.2	82.5°	660.1	671.0	673.7	676.4	691.1	705.8	719.4	733.0	724.8	577.5
332.4	85°	362.4	392.5	406.6	420.6	437.0	453.5	468.0	482.6	471.9	362.4
148.3	87.5°	171.3	194.2	194.8	195.4	198.5	201.6	207.4	213.2	199.6	154.1
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°
5050.6	0°	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6	5050.6
5127.7	2.5°	5170.3	5214.9	5259.5	5303.7	5348.0	5389.7	5431.4
5201.7	5°	5288.0	5380.2	5472.7	5564.3	5656.2	5748.3	5840.3
5273.2	7.5°	5393.6	5530.2	5666.9	5807.2	5947.5	6099.2	6251.2
5337.0	10°	5479.3	5645.3	5811.2	5996.5	6182.0	6374.0	6566.1
5364.3	12.5°	5525.4	5721.1	5916.9	6126.9	6337.0	6547.9	6758.9
5343.2	15°	5529.6	5755.0	5980.4	6208.3	6436.3	6656.2	6876.2
5251.1	17.5°	5475.4	5737.0	5998.6	6247.3	6496.0	6719.0	6942.1
5092.4	20°	5370.3	5687.4	6004.5	6277.7	6551.0	6783.0	7014.8
4906.2	22.5°	5240.9	5626.5	6012.2	6318.8	6625.2	6862.2	7099.1
4698.2	25°	5090.3	5566.5	6042.8	6393.2	6743.4	6975.4	7207.6
4508.1	27.5°	4945.9	5526.3	6106.8	6509.5	6912.0	7133.6	7354.9
4349.2	30°	4820.3	5507.5	6194.4	6660.1	7125.8	7339.6	7553.5
4212.2	32.5°	4698.2	5484.3	6270.0	6817.3	7364.6	7576.2	7788.0
4077.5	35°	4556.0	5440.5	6325.4	6996.4	7667.3	7870.2	8072.9
3918.9	37.5°	4372.6	5365.5	6358.3	7196.9	8035.5	8294.1	8552.6
3729.8	40°	4145.5	5262.2	6379.1	7451.6	8523.9	8900.7	9277.4
3521.0	42.5°	3893.2	5155.6	6418.4	7784.8	9151.1	9694.9	10238.7
3299.3	45°	3625.7	5056.6	6487.6	8223.1	9958.7	10692.2	11425.8
3123.9	47.5°	3414.5	4974.8	6535.1	8690.2	10845.3	11877.9	12910.3
3007.5	50°	3267.2	4885.6	6504.1	9123.6	11743.0	13299.7	14856.1
2930.7	52.5°	3157.1	4735.0	6313.2	9405.0	12496.5	14793.1	17089.7
2875.1	55°	3052.0	4485.4	5918.8	9342.9	12766.9	16117.2	19467.7
2809.2	57.5°	2934.2	4133.5	5332.5	8906.5	12480.6	17055.6	21630.6
2708.4	60°	2806.7	3676.5	4546.3	8094.3	11642.2	17290.1	22937.8
2533.2	62.5°	2598.5	3129.6	3660.6	6996.0	10331.3	16302.7	22274.0
2358.8	65°	2389.6	2637.5	2885.4	5875.4	8865.6	14905.5	20945.5
2111.3	67.5°	2094.1	2164.6	2235.0	4777.7	7320.4	13242.9	19165.4
1812.9	70°	1733.0	1713.0	1692.9	3761.8	5830.6	11428.7	17026.7
1540.6	72.5°	1427.4	1366.5	1305.9	2875.9	4445.9	9461.9	14478.2
1250.8	75°	1124.1	1069.0	1014.0	2087.3	3160.6	7207.4	11254.2
978.7	77.5°	855.6	818.1	780.6	1414.4	2048.1	5044.5	8041.0
720.6	80°	616.3	600.8	585.3	911.3	1237.4	3250.1	5262.8
500.8	82.5°	424.0	420.9	418.2	560.5	703.1	1881.1	3059.2
306.2	85°	250.0	251.6	252.9	299.6	346.5	846.2	1346.0
131.0	87.5°	108.1	109.5	110.9	124.2	137.6	277.1	416.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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