

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: P954794

Luminaire Tested: **GALN-SB7D-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954794
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-SB7D-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 90 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 52253 lumens
Efficiency: N/A
Efficacy: 101.9 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

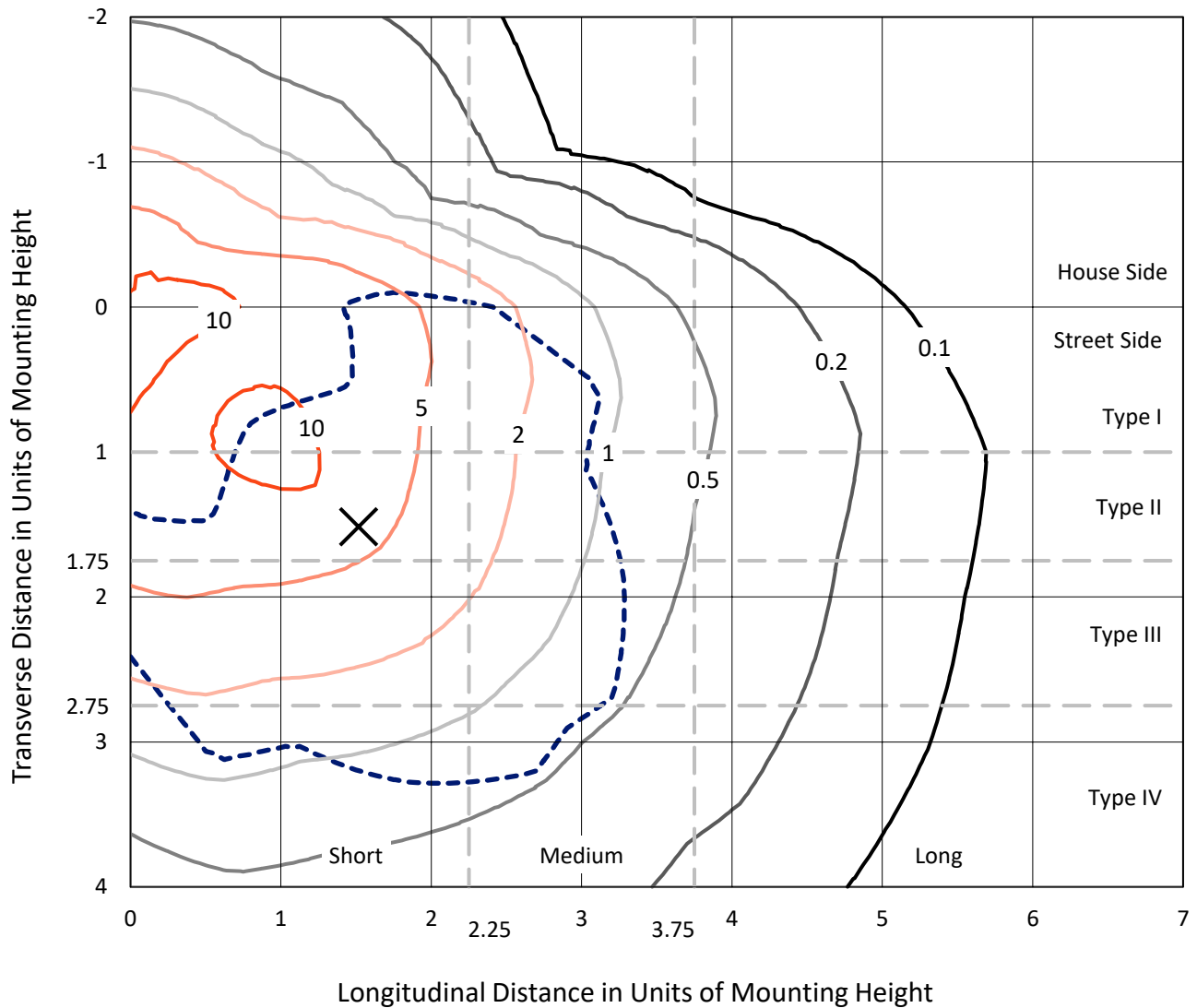
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

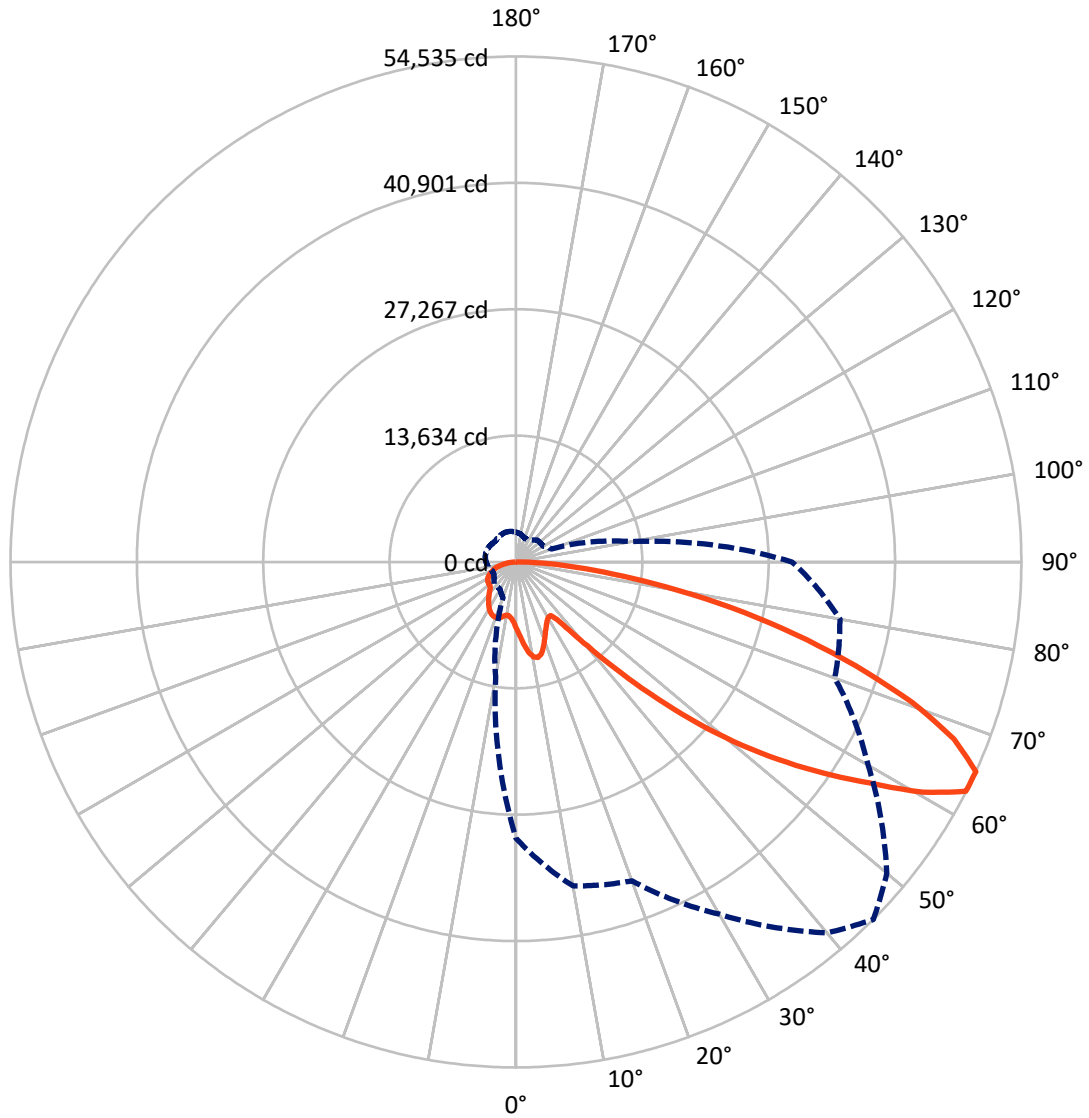
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.9 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	13280.1	0.0	13280.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	38972.9	0.0	38972.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	52253.0	0.0	52253.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	712.8	1.4
10°-20°	2237.5	4.3
20°-30°	3456.2	6.6
30°-40°	4379.9	8.4
40°-50°	6606.0	12.6
50°-60°	10672.9	20.4
60°-70°	13305.5	25.5
70°-80°	8725.1	16.7
80°-90°	2157.1	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°	52253.0	100.0
0°-180°	52253.0	100.0

Coefficient of Utilization



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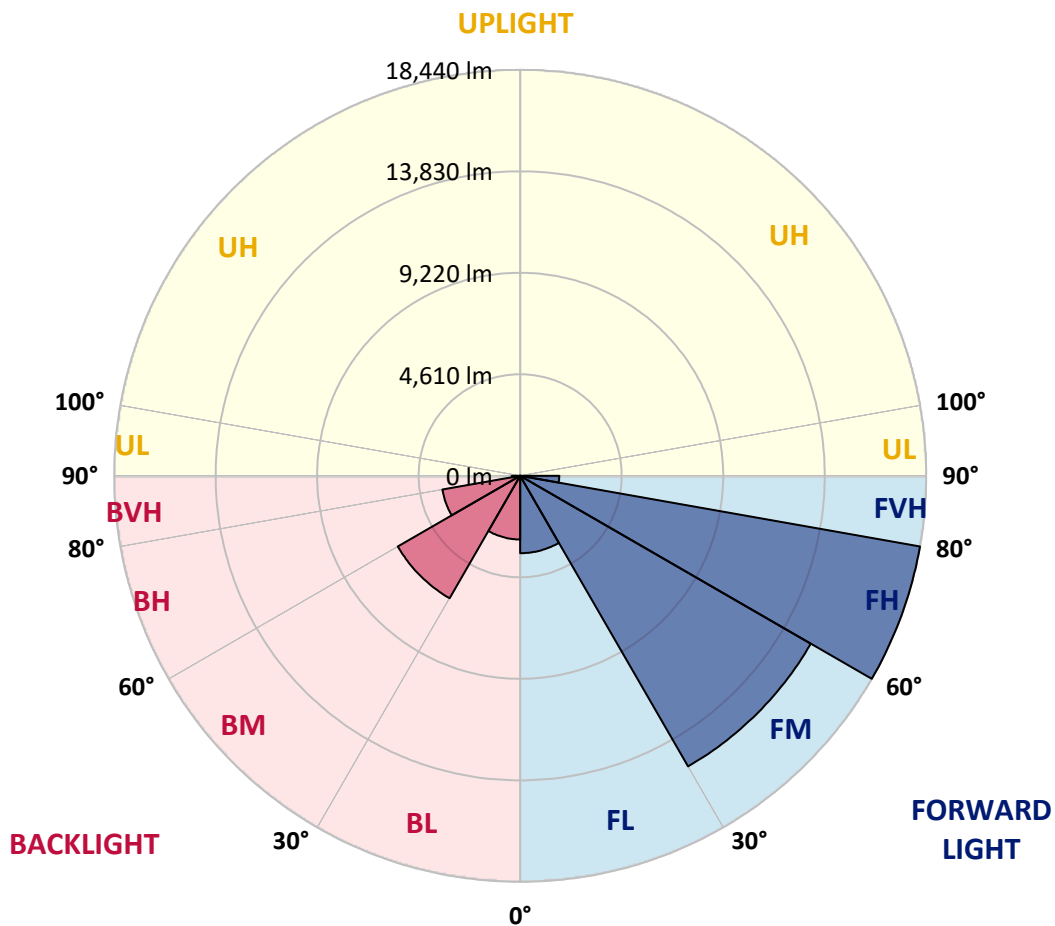
CATALOG NUMBER: GALN-SB7D-940-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3514.6	6.7			
FM (30°-60°)	15241.1	29.2			
FH (60°-80°)	18440.3	35.3			G5
FVH (80°-90°)	1776.9	3.4			G5
BL (0°-30°)	2891.9	5.5	B4/5000		
BM (30°-60°)	6417.7	12.3	B4/8500		
BH (60°-80°)	3590.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	380.1	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°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
2.5°	7727.0	7756.3	7785.8	7827.4	7869.0	7893.8	7918.7	7931.1	7943.5	7938.0
5°	8308.8	8411.1	8513.7	8615.1	8716.9	8772.0	8827.1	8860.5	8894.1	8919.5
7.5°	8893.3	9059.9	9226.1	9375.8	9525.5	9615.7	9705.9	9754.7	9803.2	9826.6
10°	9341.4	9538.2	9735.1	9910.7	10086.4	10192.8	10298.7	10346.1	10393.2	10411.1
12.5°	9615.7	9829.1	10042.2	10201.1	10359.3	10436.5	10513.7	10539.6	10565.6	10568.3
15°	9782.5	9966.7	10150.6	10250.1	10349.9	10352.7	10355.5	10327.9	10300.3	10267.8
17.5°	9876.3	10000.6	10125.0	10126.9	10128.5	10016.9	9905.2	9802.9	9700.3	9628.1
20°	9979.6	10022.9	10066.5	9935.5	9804.6	9558.1	9311.6	9132.1	8952.6	8842.3
22.5°	10099.6	10042.8	9986.0	9714.7	9443.4	9080.8	8718.2	8493.8	8269.4	8147.5
25°	10254.0	10074.8	9895.6	9483.6	9071.7	8631.4	8191.1	7955.0	7719.6	7604.3
27.5°	10463.5	10143.2	9822.5	9276.8	8731.5	8243.4	7755.4	7523.3	7291.4	7182.5
30°	10746.1	10268.3	9790.8	9119.1	8447.5	7939.1	7430.6	7215.3	7000.0	6898.5
32.5°	11079.8	10425.5	9771.5	9011.6	8251.7	7773.9	7296.1	7127.1	6957.8	6884.7
35°	11485.1	10684.4	9884.0	9092.1	8300.5	7968.6	7636.9	7597.4	7558.0	7551.9
37.5°	12167.5	11225.6	10283.8	9564.1	8844.5	8823.0	8801.5	8981.8	9162.1	9255.9
40°	13198.7	12174.4	11150.1	10614.9	10079.7	10457.5	10835.2	11273.6	11712.0	11930.4
42.5°	14566.2	13549.9	12533.6	12225.4	11917.1	12741.0	13564.8	14362.2	15159.6	15627.8
45°	16255.0	15342.1	14428.9	14293.0	14156.8	15476.7	16796.8	18107.0	19417.5	20213.0
47.5°	18367.0	17478.9	16590.6	16563.0	16535.4	18439.5	20343.1	22261.3	24179.2	25305.5
50°	21135.2	20038.2	18941.3	18946.0	18950.7	21404.6	23858.5	26390.4	28922.4	30453.2
52.5°	24312.9	22984.5	21656.4	21522.1	21387.5	24318.7	27249.9	30382.6	33515.0	35349.9
55°	27696.0	26383.6	25071.1	24547.5	24023.9	27286.3	30548.3	34282.9	38017.5	40199.8
57.5°	30773.0	30058.3	29343.4	28293.2	27243.2	30537.3	33831.3	38061.4	42291.2	44997.3
60°	32632.7	33742.8	34853.1	33548.9	32244.8	35362.1	38479.3	43008.3	47537.3	50462.1
62.5°	31688.4	34721.6	37754.8	37607.8	37460.6	40316.2	43172.1	47481.0	51789.7	54493.1
65°	29798.3	32645.1	35491.9	36055.2	36618.2	40247.3	43876.5	48054.8	52232.8	54534.5
67.5°	27265.9	29973.4	32681.0	32945.1	33209.0	36990.2	40771.1	44967.3	49163.5	50966.7
70°	24223.3	27168.2	30113.5	30231.5	30349.8	33731.2	37112.3	40723.4	44334.2	45336.5
72.5°	20597.6	23977.1	27356.8	27441.8	27526.4	30171.9	32817.5	35522.0	38226.2	38327.7
75°	16011.0	19508.8	23006.5	23320.6	23634.6	25692.9	27751.1	29655.0	31558.8	31048.7
77.5°	11439.6	14704.6	17970.0	18419.4	18868.8	20433.5	21998.2	23348.4	24698.9	23822.1
80°	7487.1	10234.1	12980.9	13539.5	14098.1	15279.8	16461.0	17170.1	17879.0	16468.7
82.5°	4352.2	6230.1	8108.3	8732.3	9356.5	10169.9	10983.3	11279.1	11574.7	10466.3
85°	1914.9	2911.6	3908.3	4439.1	4969.8	5638.2	6306.2	6474.2	6642.1	5754.3
87.5°	592.8	927.8	1262.8	1558.9	1855.0	2189.2	2523.4	2537.7	2551.8	2142.3
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°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
7943.5	2.5°	7931.1	7918.7	7893.8	7869.0	7827.4	7785.8	7756.3	7727.0	7667.7	7608.5
8894.1	5°	8860.5	8827.1	8772.0	8716.9	8615.1	8513.7	8411.1	8308.8	8177.8	8046.9
9803.2	7.5°	9754.7	9705.9	9615.7	9525.5	9375.8	9226.1	9059.9	8893.3	8677.2	8461.3
10393.2	10°	10346.1	10298.7	10192.8	10086.4	9910.7	9735.1	9538.2	9341.4	9068.1	8794.9
10565.6	12.5°	10539.6	10513.7	10436.5	10359.3	10201.1	10042.2	9829.1	9615.7	9315.4	9015.5
10300.3	15°	10327.9	10355.5	10352.7	10349.9	10250.1	10150.6	9966.7	9782.5	9469.6	9156.6
9700.3	17.5°	9802.9	9905.2	10016.9	10128.5	10126.9	10125.0	10000.6	9876.3	9558.9	9241.5
8952.6	20°	9132.1	9311.6	9558.1	9804.6	9935.5	10066.5	10022.9	9979.6	9649.9	9319.9
8269.4	22.5°	8493.8	8718.2	9080.8	9443.4	9714.7	9986.0	10042.8	10099.6	9762.7	9425.5
7719.6	25°	7955.0	8191.1	8631.4	9071.7	9483.6	9895.6	10074.8	10254.0	9923.7	9593.6
7291.4	27.5°	7523.3	7755.4	8243.4	8731.5	9276.8	9822.5	10143.2	10463.5	10148.7	9833.5
7000.0	30°	7215.3	7430.6	7939.1	8447.5	9119.1	9790.8	10268.3	10746.1	10441.8	10137.6
6957.8	32.5°	7127.1	7296.1	7773.9	8251.7	9011.6	9771.5	10425.5	11079.8	10778.4	10477.3
7558.0	35°	7597.4	7636.9	7968.6	8300.5	9092.1	9884.0	10684.4	11485.1	11196.7	10908.0
9162.1	37.5°	8981.8	8801.5	8823.0	8844.5	9564.1	10283.8	11225.6	12167.5	11799.7	11431.9
11712.0	40°	11273.6	10835.2	10457.5	10079.7	10614.9	11150.1	12174.4	13198.7	12662.7	12126.7
15159.6	42.5°	14362.2	13564.8	12741.0	11917.1	12225.4	12533.6	13549.9	14566.2	13792.6	13018.9
19417.5	45°	18107.0	16796.8	15476.7	14156.8	14293.0	14428.9	15342.1	16255.0	15211.4	14167.8
24179.2	47.5°	22261.3	20343.1	18439.5	16535.4	16563.0	16590.6	17478.9	18367.0	16898.3	15429.2
28922.4	50°	26390.4	23858.5	21404.6	18950.7	18946.0	18941.3	20038.2	21135.2	18920.9	16706.4
33515.0	52.5°	30382.6	27249.9	24318.7	21387.5	21522.1	21656.4	22984.5	24312.9	21045.6	17778.4
38017.5	55°	34282.9	30548.3	27286.3	24023.9	24547.5	25071.1	26383.6	27696.0	22929.3	18163.0
42291.2	57.5°	38061.4	33831.3	30537.3	27243.2	28293.2	29343.4	30058.3	30773.0	24264.4	17755.8
47537.3	60°	43008.3	38479.3	35362.1	32244.8	33548.9	34853.1	33742.8	32632.7	24598.0	16563.0
51789.7	62.5°	47481.0	43172.1	40316.2	37460.6	37607.8	37754.8	34721.6	31688.4	23193.2	14698.0
52232.8	65°	48054.8	43876.5	40247.3	36618.2	36055.2	35491.9	32645.1	29798.3	21205.5	12612.8
49163.5	67.5°	44967.3	40771.1	36990.2	33209.0	32945.1	32681.0	29973.4	27265.9	18840.2	10414.5
44334.2	70°	40723.4	37112.3	33731.2	30349.8	30231.5	30113.5	27168.2	24223.3	16259.2	8295.0
38226.2	72.5°	35522.0	32817.5	30171.9	27526.4	27441.8	27356.8	23977.1	20597.6	13461.2	6325.0
31558.8	75°	29655.0	27751.1	25692.9	23634.6	23320.6	23006.5	19508.8	16011.0	10253.7	4496.4
24698.9	77.5°	23348.4	21998.2	20433.5	18868.8	18419.4	17970.0	14704.6	11439.6	7176.7	2913.8
17879.0	80°	17170.1	16461.0	15279.8	14098.1	13539.5	12980.9	10234.1	7487.1	4623.8	1760.5
11574.7	82.5°	11279.1	10983.3	10169.9	9356.5	8732.3	8108.3	6230.1	4352.2	2676.1	1000.3
6642.1	85°	6474.2	6306.2	5638.2	4969.8	4439.1	3908.3	2911.6	1914.9	1203.8	493.0
2551.8	87.5°	2537.7	2523.4	2189.2	1855.0	1558.9	1262.8	927.8	592.8	394.3	195.8
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
7545.3	2.5°	7482.5	7419.0	7355.6	7295.0	7234.3	7175.6	7110.2	7057.3	7004.6	6956.9
7916.2	5°	7785.8	7654.2	7523.0	7400.3	7277.6	7161.8	7047.4	6947.6	6847.5	6763.7
8261.6	7.5°	8062.0	7867.6	7673.3	7502.0	7330.8	7172.8	7024.8	6891.9	6759.3	6649.0
8531.0	10°	8267.4	8031.4	7795.1	7592.8	7389.8	7194.9	7035.8	6895.7	6755.7	6645.4
8716.6	12.5°	8417.7	8139.2	7860.7	7631.6	7402.5	7197.6	7049.6	6934.9	6820.7	6747.4
8832.4	15°	8508.1	8187.5	7866.8	7601.6	7336.3	7109.4	6990.9	6936.0	6881.4	6891.3
8887.8	17.5°	8534.1	8161.8	7789.6	7470.6	7151.6	6884.7	6811.6	6831.8	6851.6	6971.8
8931.1	20°	8542.3	8091.3	7640.2	7244.8	6849.4	6538.7	6519.4	6613.1	6706.9	6915.6
8989.5	22.5°	8553.4	8004.7	7456.0	6979.8	6503.7	6149.9	6187.7	6326.4	6465.1	6703.3
9095.4	25°	8596.9	7919.2	7241.8	6684.0	6126.5	5763.9	5865.9	6025.8	6185.8	6400.0
9260.9	27.5°	8687.9	7862.1	7036.3	6413.5	5790.7	5460.6	5584.7	5739.1	5893.5	6069.7
9475.1	30°	8812.5	7835.4	6857.7	6187.4	5517.1	5240.0	5337.4	5459.8	5582.8	5728.9
9698.7	32.5°	8920.1	7802.3	6684.0	5992.5	5300.7	5077.4	5120.7	5193.2	5265.7	5382.3
9953.5	35°	8998.9	7740.0	6481.6	5800.9	5120.1	4934.0	4916.1	4935.9	4956.0	5045.1
10238.8	37.5°	9045.8	7633.3	6220.8	5575.3	4929.9	4767.2	4701.6	4679.5	4657.4	4721.4
10601.1	40°	9075.3	7486.3	5897.6	5306.2	4714.8	4567.3	4466.6	4416.7	4366.8	4412.9
11075.1	42.5°	9131.3	7334.7	5538.6	5009.3	4479.9	4344.0	4217.1	4150.9	4084.8	4122.3
11698.8	45°	9229.7	7193.8	5158.2	4693.8	4229.5	4091.7	3969.0	3904.5	3840.2	3871.6
12363.2	47.5°	9297.2	7077.4	4857.6	4444.3	4031.0	3853.2	3747.6	3693.5	3639.5	3669.3
12979.7	50°	9253.1	6950.6	4648.1	4278.6	3909.1	3675.3	3552.6	3504.7	3457.0	3503.3
13380.1	52.5°	8981.5	6736.4	4491.5	4169.4	3847.7	3578.8	3407.3	3359.9	3312.8	3382.5
13291.9	55°	8420.5	6381.2	4342.0	4090.3	3838.6	3588.5	3330.1	3255.1	3180.4	3279.4
12670.9	57.5°	7586.4	5880.5	4174.4	3996.5	3818.7	3598.1	3283.8	3174.6	3065.4	3171.9
11515.4	60°	6467.8	5230.4	3993.0	3853.2	3713.4	3567.8	3240.2	3098.8	2957.1	3050.6
9952.9	62.5°	5207.8	4452.3	3696.8	3603.9	3511.3	3493.4	3189.5	3012.5	2835.8	2895.0
8358.7	65°	4104.9	3752.3	3399.6	3355.8	3311.9	3314.1	3082.5	2894.5	2706.2	2729.1
6797.0	67.5°	3179.6	3079.5	2979.1	3003.7	3027.9	3021.9	2891.7	2735.1	2578.5	2571.4
5351.7	70°	2408.4	2437.1	2465.5	2579.1	2692.4	2692.4	2649.7	2538.3	2426.9	2402.1
4091.4	72.5°	1857.8	1944.1	2030.7	2191.7	2352.4	2379.5	2380.0	2303.6	2227.3	2190.9
2969.5	75°	1442.6	1520.9	1599.2	1779.5	1959.8	2084.4	2074.0	2015.2	1956.2	1921.5
2012.2	77.5°	1110.6	1163.8	1217.3	1392.4	1567.5	1772.9	1767.4	1720.2	1673.1	1637.8
1296.4	80°	832.7	854.7	876.8	1025.1	1173.2	1418.6	1417.7	1378.3	1338.6	1309.1
797.4	82.5°	595.0	598.9	603.3	712.5	821.6	1031.2	1042.8	1023.5	1004.2	983.2
426.3	85°	359.8	357.9	355.7	435.6	515.6	671.4	686.5	665.9	645.2	621.7
176.7	87.5°	157.7	155.8	153.9	186.4	219.2	284.0	303.3	295.0	286.7	282.3
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
6909.5	2.5°	6867.9	6826.3	6784.3	6742.7	6710.4	6677.9	6651.7	6625.5	6605.1	6584.7
6680.1	5°	6606.2	6532.3	6465.3	6398.1	6346.5	6294.7	6258.5	6222.4	6196.8	6171.1
6538.7	7.5°	6445.8	6352.6	6270.4	6188.5	6127.0	6065.8	6022.8	5979.8	5950.3	5921.1
6535.1	10°	6435.0	6334.6	6242.3	6149.9	6076.6	6003.0	5955.0	5906.5	5878.6	5850.8
6674.6	12.5°	6595.8	6517.4	6421.8	6326.4	6232.6	6138.9	6076.8	6014.8	5983.7	5952.8
6901.2	15°	6880.8	6860.4	6777.4	6694.5	6561.0	6427.6	6333.3	6239.0	6195.7	6152.7
7092.0	17.5°	7156.0	7219.7	7152.7	7086.0	6909.2	6732.5	6593.5	6454.6	6390.6	6326.4
7124.6	20°	7258.3	7392.0	7361.1	7330.0	7127.9	6926.1	6755.7	6585.5	6503.7	6421.5
6942.1	22.5°	7116.0	7290.0	7308.8	7327.2	7134.2	6941.2	6765.9	6590.2	6503.9	6417.4
6614.5	25°	6785.7	6956.9	7020.9	7084.6	6926.3	6768.4	6612.3	6456.8	6381.8	6307.1
6245.6	27.5°	6382.9	6520.2	6591.3	6662.7	6550.0	6437.5	6316.4	6195.4	6145.2	6094.8
5875.0	30°	5988.9	6103.0	6160.9	6218.8	6133.1	6047.1	5960.5	5873.4	5847.7	5821.8
5499.2	32.5°	5608.4	5717.9	5782.1	5846.6	5767.8	5688.6	5619.4	5550.2	5533.4	5516.6
5133.9	35°	5242.0	5350.3	5427.5	5504.7	5448.5	5392.5	5328.5	5264.9	5239.2	5213.8
4785.1	37.5°	4892.9	5001.0	5096.4	5191.8	5165.9	5140.0	5081.2	5022.2	4975.6	4929.3
4458.9	40°	4563.1	4667.4	4777.1	4887.1	4893.5	4899.5	4849.6	4799.7	4731.9	4664.6
4160.0	42.5°	4258.8	4357.7	4476.3	4594.9	4626.6	4658.3	4616.1	4574.2	4490.1	4406.0
3903.6	45°	3997.4	4091.1	4214.1	4337.1	4382.6	4428.0	4390.0	4352.2	4256.0	4160.0
3698.8	47.5°	3790.6	3882.1	4003.4	4124.8	4177.1	4229.5	4203.1	4176.6	4091.1	4005.6
3549.9	50°	3636.5	3722.8	3831.4	3940.0	4007.3	4074.6	4072.9	4071.8	4003.4	3935.1
3452.0	52.5°	3531.4	3610.5	3711.7	3813.2	3892.9	3972.6	3986.9	4001.2	3945.5	3889.8
3378.1	55°	3463.6	3549.1	3637.8	3726.3	3810.7	3895.4	3915.2	3935.1	3886.5	3838.0
3278.3	57.5°	3378.7	3479.0	3566.7	3654.7	3739.9	3824.8	3844.9	3865.0	3816.0	3766.9
3143.7	60°	3259.0	3374.2	3463.3	3552.6	3638.1	3723.6	3745.6	3767.7	3719.7	3672.0
2954.3	62.5°	3088.6	3223.2	3318.3	3413.4	3491.7	3570.0	3591.2	3612.5	3569.2	3525.9
2751.7	65°	2895.6	3039.8	3130.8	3221.8	3290.7	3359.6	3381.4	3402.9	3361.3	3319.7
2564.2	67.5°	2697.1	2830.3	2916.6	3002.6	3062.1	3121.7	3142.9	3163.9	3125.6	3087.5
2377.2	70°	2494.2	2611.1	2685.5	2759.9	2813.7	2867.5	2887.9	2908.3	2877.1	2846.0
2154.7	72.5°	2246.8	2338.6	2405.9	2473.2	2525.9	2578.5	2602.8	2627.1	2601.1	2575.2
1886.5	75°	1954.8	2023.2	2084.2	2145.1	2193.1	2241.0	2266.4	2291.8	2279.1	2266.4
1602.5	77.5°	1658.2	1713.6	1766.0	1818.4	1868.8	1919.0	1942.7	1966.4	1948.8	1930.6
1279.3	80°	1325.7	1371.7	1415.8	1459.9	1498.3	1536.3	1567.7	1599.2	1591.5	1584.0
962.3	82.5°	958.4	954.5	939.1	923.7	1005.3	1086.9	1140.4	1193.9	1190.6	1187.0
598.3	85°	578.5	558.3	515.6	472.9	549.2	625.9	692.1	758.2	752.7	747.2
277.9	87.5°	277.1	276.3	243.7	210.9	242.9	275.2	301.9	328.7	322.0	314.9
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
6566.0	2.5°	6546.9	6523.5	6546.9	6566.0	6584.7	6605.1	6625.5	6651.7	6677.9	6710.4
6151.6	5°	6132.0	6112.7	6132.0	6151.6	6171.1	6196.8	6222.4	6258.5	6294.7	6346.5
5903.4	7.5°	5886.0	5872.8	5886.0	5903.4	5921.1	5950.3	5979.8	6022.8	6065.8	6127.0
5835.9	10°	5821.0	5814.9	5821.0	5835.9	5850.8	5878.6	5906.5	5955.0	6003.0	6076.6
5940.1	12.5°	5927.4	5925.2	5927.4	5940.1	5952.8	5983.7	6014.8	6076.8	6138.9	6232.6
6136.1	15°	6119.6	6118.2	6119.6	6136.1	6152.7	6195.7	6239.0	6333.3	6427.6	6561.0
6305.4	17.5°	6284.2	6280.9	6284.2	6305.4	6326.4	6390.6	6454.6	6593.5	6732.5	6909.2
6395.3	20°	6369.1	6360.8	6369.1	6395.3	6421.5	6503.7	6585.5	6755.7	6926.1	7127.9
6388.4	22.5°	6359.5	6347.1	6359.5	6388.4	6417.4	6503.9	6590.2	6765.9	6941.2	7134.2
6279.8	25°	6252.8	6236.8	6252.8	6279.8	6307.1	6381.8	6456.8	6612.3	6768.4	6926.3
6082.4	27.5°	6070.0	6065.8	6070.0	6082.4	6094.8	6145.2	6195.4	6316.4	6437.5	6550.0
5821.8	30°	5821.8	5825.9	5821.8	5821.8	5821.8	5847.7	5873.4	5960.5	6047.1	6133.1
5518.8	32.5°	5521.3	5525.4	5521.3	5518.8	5516.6	5533.4	5550.2	5619.4	5688.6	5767.8
5208.3	35°	5202.8	5200.1	5202.8	5208.3	5213.8	5239.2	5264.9	5328.5	5392.5	5448.5
4904.8	37.5°	4880.2	4866.4	4880.2	4904.8	4929.3	4975.6	5022.2	5081.2	5140.0	5165.9
4618.8	40°	4573.6	4546.6	4573.6	4618.8	4664.6	4731.9	4799.7	4849.6	4899.5	4893.5
4339.5	42.5°	4273.1	4229.5	4273.1	4339.5	4406.0	4490.1	4574.2	4616.1	4658.3	4626.6
4082.0	45°	4004.0	3953.8	4004.0	4082.0	4160.0	4256.0	4352.2	4390.0	4428.0	4382.6
3933.4	47.5°	3861.4	3813.2	3861.4	3933.4	4005.6	4091.1	4176.6	4203.1	4229.5	4177.1
3868.3	50°	3801.6	3755.3	3801.6	3868.3	3935.1	4003.4	4071.8	4072.9	4074.6	4007.3
3830.0	52.5°	3770.5	3727.7	3770.5	3830.0	3889.8	3945.5	4001.2	3986.9	3972.6	3892.9
3785.6	55°	3733.2	3694.6	3733.2	3785.6	3838.0	3886.5	3935.1	3915.2	3895.4	3810.7
3715.0	57.5°	3662.9	3622.9	3662.9	3715.0	3766.9	3816.0	3865.0	3844.9	3824.8	3739.9
3618.5	60°	3565.0	3523.7	3565.0	3618.5	3672.0	3719.7	3767.7	3745.6	3723.6	3638.1
3469.6	62.5°	3413.4	3363.8	3413.4	3469.6	3525.9	3569.2	3612.5	3591.2	3570.0	3491.7
3265.1	65°	3210.7	3168.0	3210.7	3265.1	3319.7	3361.3	3402.9	3381.4	3359.6	3290.7
3036.8	67.5°	2986.0	2947.4	2986.0	3036.8	3087.5	3125.6	3163.9	3142.9	3121.7	3062.1
2797.4	70°	2748.9	2704.8	2748.9	2797.4	2846.0	2877.1	2908.3	2887.9	2867.5	2813.7
2528.9	72.5°	2482.8	2440.1	2482.8	2528.9	2575.2	2601.1	2627.1	2602.8	2578.5	2525.9
2227.5	75°	2188.7	2147.9	2188.7	2227.5	2266.4	2279.1	2291.8	2266.4	2241.0	2193.1
1891.4	77.5°	1852.3	1819.7	1852.3	1891.4	1930.6	1948.8	1966.4	1942.7	1919.0	1868.8
1531.3	80°	1478.4	1417.2	1478.4	1531.3	1584.0	1591.5	1599.2	1567.7	1536.3	1498.3
1142.6	82.5°	1097.9	1058.8	1097.9	1142.6	1187.0	1190.6	1193.9	1140.4	1086.9	1005.3
712.5	85°	677.7	642.4	677.7	712.5	747.2	752.7	758.2	692.1	625.9	549.2
297.2	87.5°	279.0	261.9	279.0	297.2	314.9	322.0	328.7	301.9	275.2	242.9
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°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
6742.7	2.5°	6784.3	6826.3	6867.9	6909.5	6956.9	7004.6	7057.3	7110.2	7175.6	7234.3
6398.1	5°	6465.3	6532.3	6606.2	6680.1	6763.7	6847.5	6947.6	7047.4	7161.8	7277.6
6188.5	7.5°	6270.4	6352.6	6445.8	6538.7	6649.0	6759.3	6891.9	7024.8	7172.8	7330.8
6149.9	10°	6242.3	6334.6	6435.0	6535.1	6645.4	6755.7	6895.7	7035.8	7194.9	7389.8
6326.4	12.5°	6421.8	6517.4	6595.8	6674.6	6747.4	6820.7	6934.9	7049.6	7197.6	7402.5
6694.5	15°	6777.4	6860.4	6880.8	6901.2	6891.3	6881.4	6936.0	6990.9	7109.4	7336.3
7086.0	17.5°	7152.7	7219.7	7156.0	7092.0	6971.8	6851.6	6831.8	6811.6	6884.7	7151.6
7330.0	20°	7361.1	7392.0	7258.3	7124.6	6915.6	6706.9	6613.1	6519.4	6538.7	6849.4
7327.2	22.5°	7308.8	7290.0	7116.0	6942.1	6703.3	6465.1	6326.4	6187.7	6149.9	6503.7
7084.6	25°	7020.9	6956.9	6785.7	6614.5	6400.0	6185.8	6025.8	5865.9	5763.9	6126.5
6662.7	27.5°	6591.3	6520.2	6382.9	6245.6	6069.7	5893.5	5739.1	5584.7	5460.6	5790.7
6218.8	30°	6160.9	6103.0	5988.9	5875.0	5728.9	5582.8	5459.8	5337.4	5240.0	5517.1
5846.6	32.5°	5782.1	5717.9	5608.4	5499.2	5382.3	5265.7	5193.2	5120.7	5077.4	5300.7
5504.7	35°	5427.5	5350.3	5242.0	5133.9	5045.1	4956.0	4935.9	4916.1	4934.0	5120.1
5191.8	37.5°	5096.4	5001.0	4892.9	4785.1	4721.4	4657.4	4679.5	4701.6	4767.2	4929.9
4887.1	40°	4777.1	4667.4	4563.1	4458.9	4412.9	4366.8	4416.7	4466.6	4567.3	4714.8
4594.9	42.5°	4476.3	4357.7	4258.8	4160.0	4122.3	4084.8	4150.9	4217.1	4344.0	4479.9
4337.1	45°	4214.1	4091.1	3997.4	3903.6	3871.6	3840.2	3904.5	3969.0	4091.7	4229.5
4124.8	47.5°	4003.4	3882.1	3790.6	3698.8	3669.3	3639.5	3693.5	3747.6	3853.2	4031.0
3940.0	50°	3831.4	3722.8	3636.5	3549.9	3503.3	3457.0	3504.7	3552.6	3675.3	3909.1
3813.2	52.5°	3711.7	3610.5	3531.4	3452.0	3382.5	3312.8	3359.9	3407.3	3578.8	3847.7
3726.3	55°	3637.8	3549.1	3463.6	3378.1	3279.4	3180.4	3255.1	3330.1	3588.5	3838.6
3654.7	57.5°	3566.7	3479.0	3378.7	3278.3	3171.9	3065.4	3174.6	3283.8	3598.1	3818.7
3552.6	60°	3463.3	3374.2	3259.0	3143.7	3050.6	2957.1	3098.8	3240.2	3567.8	3713.4
3413.4	62.5°	3318.3	3223.2	3088.6	2954.3	2895.0	2835.8	3012.5	3189.5	3493.4	3511.3
3221.8	65°	3130.8	3039.8	2895.6	2751.7	2729.1	2706.2	2894.5	3082.5	3314.1	3311.9
3002.6	67.5°	2916.6	2830.3	2697.1	2564.2	2571.4	2578.5	2735.1	2891.7	3021.9	3027.9
2759.9	70°	2685.5	2611.1	2494.2	2377.2	2402.1	2426.9	2538.3	2649.7	2692.4	2692.4
2473.2	72.5°	2405.9	2338.6	2246.8	2154.7	2190.9	2227.3	2303.6	2380.0	2379.5	2352.4
2145.1	75°	2084.2	2023.2	1954.8	1886.5	1921.5	1956.2	2015.2	2074.0	2084.4	1959.8
1818.4	77.5°	1766.0	1713.6	1658.2	1602.5	1637.8	1673.1	1720.2	1767.4	1772.9	1567.5
1459.9	80°	1415.8	1371.7	1325.7	1279.3	1309.1	1338.6	1378.3	1417.7	1418.6	1173.2
923.7	82.5°	939.1	954.5	958.4	962.3	983.2	1004.2	1023.5	1042.8	1031.2	821.6
472.9	85°	515.6	558.3	578.5	598.3	621.7	645.2	665.9	686.5	671.4	515.6
210.9	87.5°	243.7	276.3	277.1	277.9	282.3	286.7	295.0	303.3	284.0	219.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
7185.2	0°	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2	7185.2
7295.0	2.5°	7355.6	7419.0	7482.5	7545.3	7608.5	7667.7	7727.0
7400.3	5°	7523.0	7654.2	7785.8	7916.2	8046.9	8177.8	8308.8
7502.0	7.5°	7673.3	7867.6	8062.0	8261.6	8461.3	8677.2	8893.3
7592.8	10°	7795.1	8031.4	8267.4	8531.0	8794.9	9068.1	9341.4
7631.6	12.5°	7860.7	8139.2	8417.7	8716.6	9015.5	9315.4	9615.7
7601.6	15°	7866.8	8187.5	8508.1	8832.4	9156.6	9469.6	9782.5
7470.6	17.5°	7789.6	8161.8	8534.1	8887.8	9241.5	9558.9	9876.3
7244.8	20°	7640.2	8091.3	8542.3	8931.1	9319.9	9649.9	9979.6
6979.8	22.5°	7456.0	8004.7	8553.4	8989.5	9425.5	9762.7	10099.6
6684.0	25°	7241.8	7919.2	8596.9	9095.4	9593.6	9923.7	10254.0
6413.5	27.5°	7036.3	7862.1	8687.9	9260.9	9833.5	10148.7	10463.5
6187.4	30°	6857.7	7835.4	8812.5	9475.1	10137.6	10441.8	10746.1
5992.5	32.5°	6684.0	7802.3	8920.1	9698.7	10477.3	10778.4	11079.8
5800.9	35°	6481.6	7740.0	8998.9	9953.5	10908.0	11196.7	11485.1
5575.3	37.5°	6220.8	7633.3	9045.8	10238.8	11431.9	11799.7	12167.5
5306.2	40°	5897.6	7486.3	9075.3	10601.1	12126.7	12662.7	13198.7
5009.3	42.5°	5538.6	7334.7	9131.3	11075.1	13018.9	13792.6	14566.2
4693.8	45°	5158.2	7193.8	9229.7	11698.8	14167.8	15211.4	16255.0
4444.3	47.5°	4857.6	7077.4	9297.2	12363.2	15429.2	16898.3	18367.0
4278.6	50°	4648.1	6950.6	9253.1	12979.7	16706.4	18920.9	21135.2
4169.4	52.5°	4491.5	6736.4	8981.5	13380.1	17778.4	21045.6	24312.9
4090.3	55°	4342.0	6381.2	8420.5	13291.9	18163.0	22929.3	27696.0
3996.5	57.5°	4174.4	5880.5	7586.4	12670.9	17755.8	24264.4	30773.0
3853.2	60°	3993.0	5230.4	6467.8	11515.4	16563.0	24598.0	32632.7
3603.9	62.5°	3696.8	4452.3	5207.8	9952.9	14698.0	23193.2	31688.4
3355.8	65°	3399.6	3752.3	4104.9	8358.7	12612.8	21205.5	29798.3
3003.7	67.5°	2979.1	3079.5	3179.6	6797.0	10414.5	18840.2	27265.9
2579.1	70°	2465.5	2437.1	2408.4	5351.7	8295.0	16259.2	24223.3
2191.7	72.5°	2030.7	1944.1	1857.8	4091.4	6325.0	13461.2	20597.6
1779.5	75°	1599.2	1520.9	1442.6	2969.5	4496.4	10253.7	16011.0
1392.4	77.5°	1217.3	1163.8	1110.6	2012.2	2913.8	7176.7	11439.6
1025.1	80°	876.8	854.7	832.7	1296.4	1760.5	4623.8	7487.1
712.5	82.5°	603.3	598.9	595.0	797.4	1000.3	2676.1	4352.2
435.6	85°	355.7	357.9	359.8	426.3	493.0	1203.8	1914.9
186.4	87.5°	153.9	155.8	157.7	176.7	195.8	394.3	592.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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