

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: P954563

Luminaire Tested: **GALN-SB7D-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954563
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-740-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 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: 76290 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B5 - U0 - G5

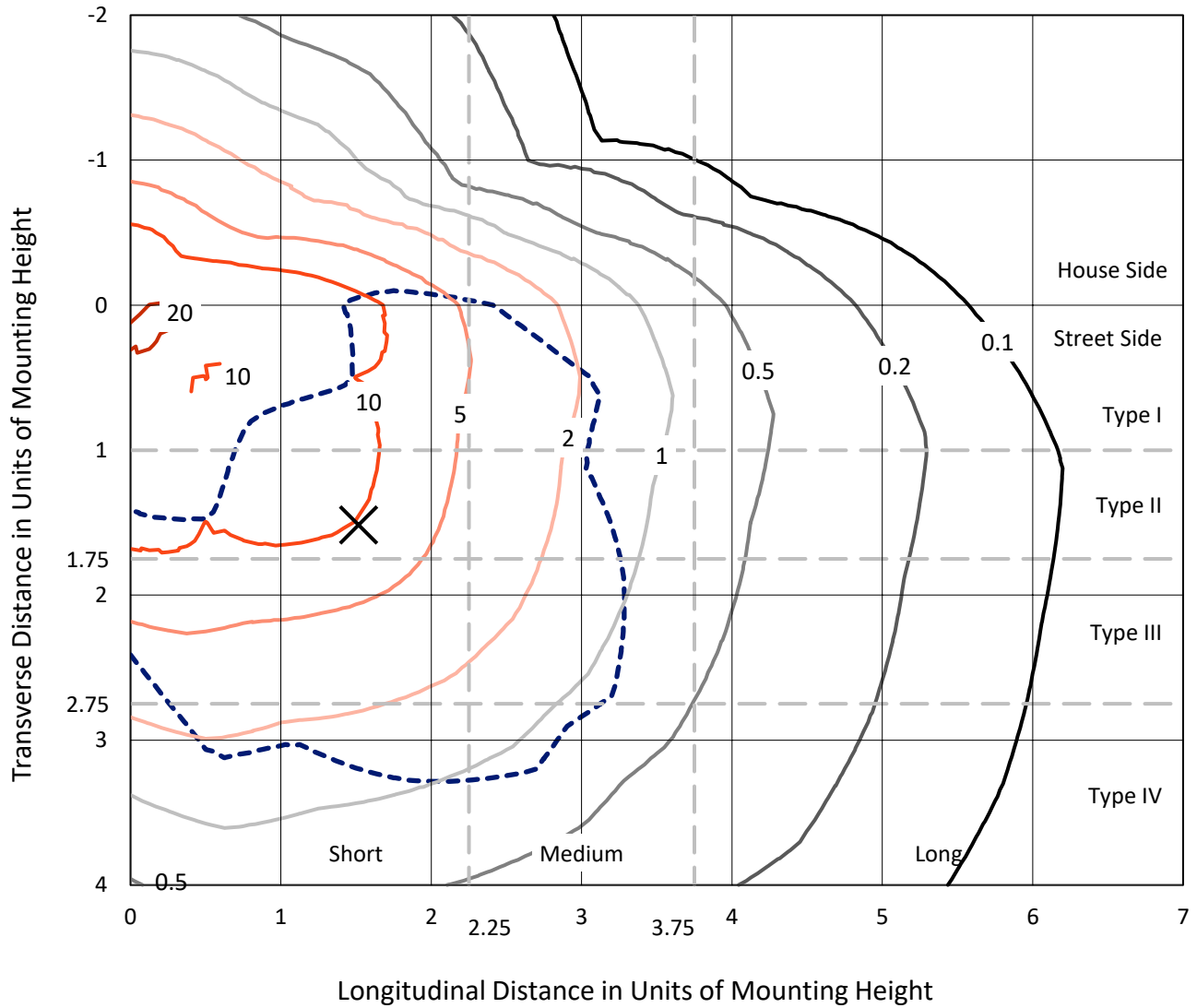
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

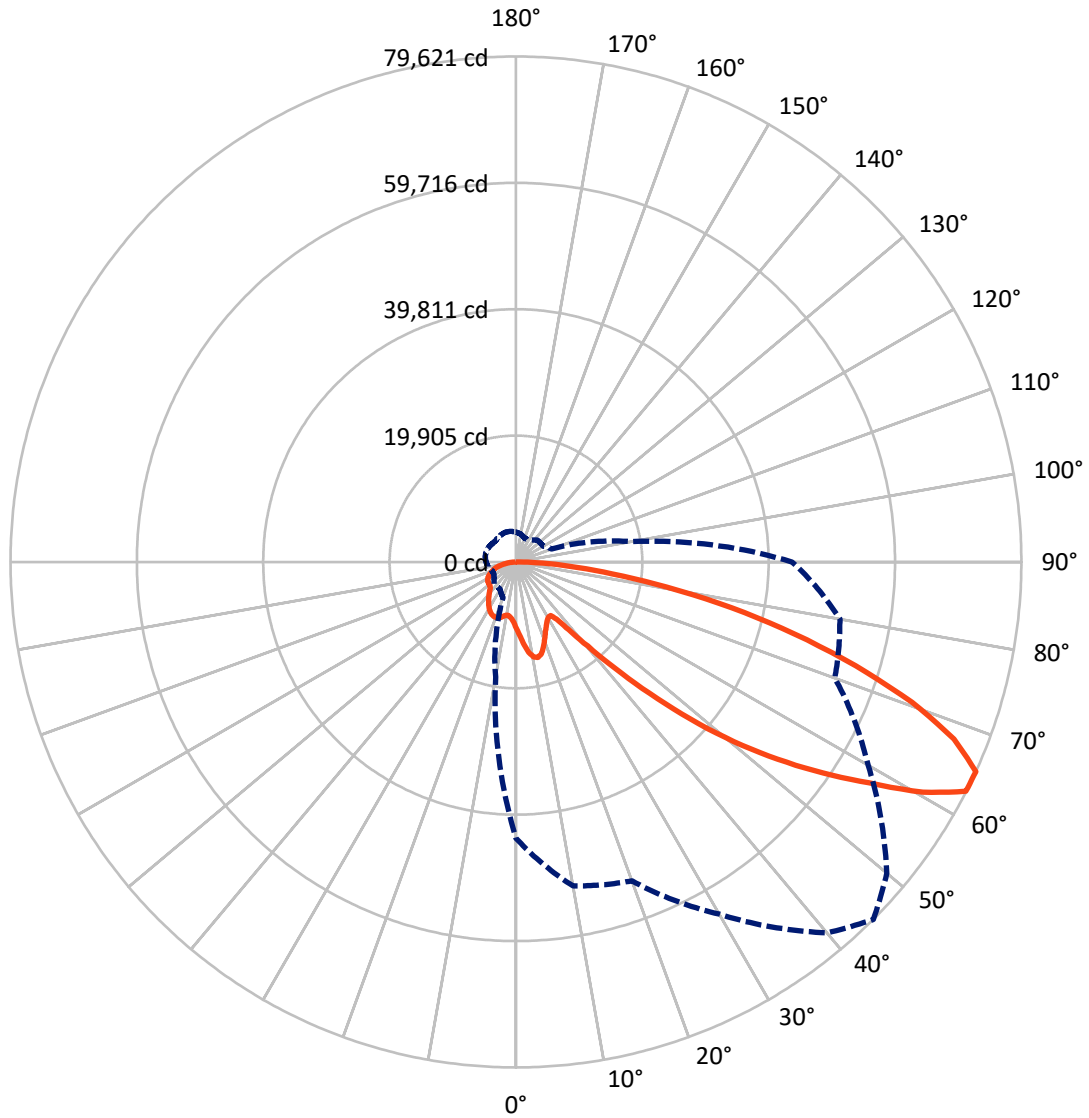
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 23.2 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	19389.1	0.0	19389.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	56900.9	0.0	56900.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	76290.0	0.0	76290.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1040.6	1.4
10°-20°	3266.8	4.3
20°-30°	5046.1	6.6
30°-40°	6394.7	8.4
40°-50°	9644.8	12.6
50°-60°	15582.6	20.4
60°-70°	19426.2	25.5
70°-80°	12738.8	16.7
80°-90°	3149.3	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°	76290.0	100.0
0°-180°	76290.0	100.0



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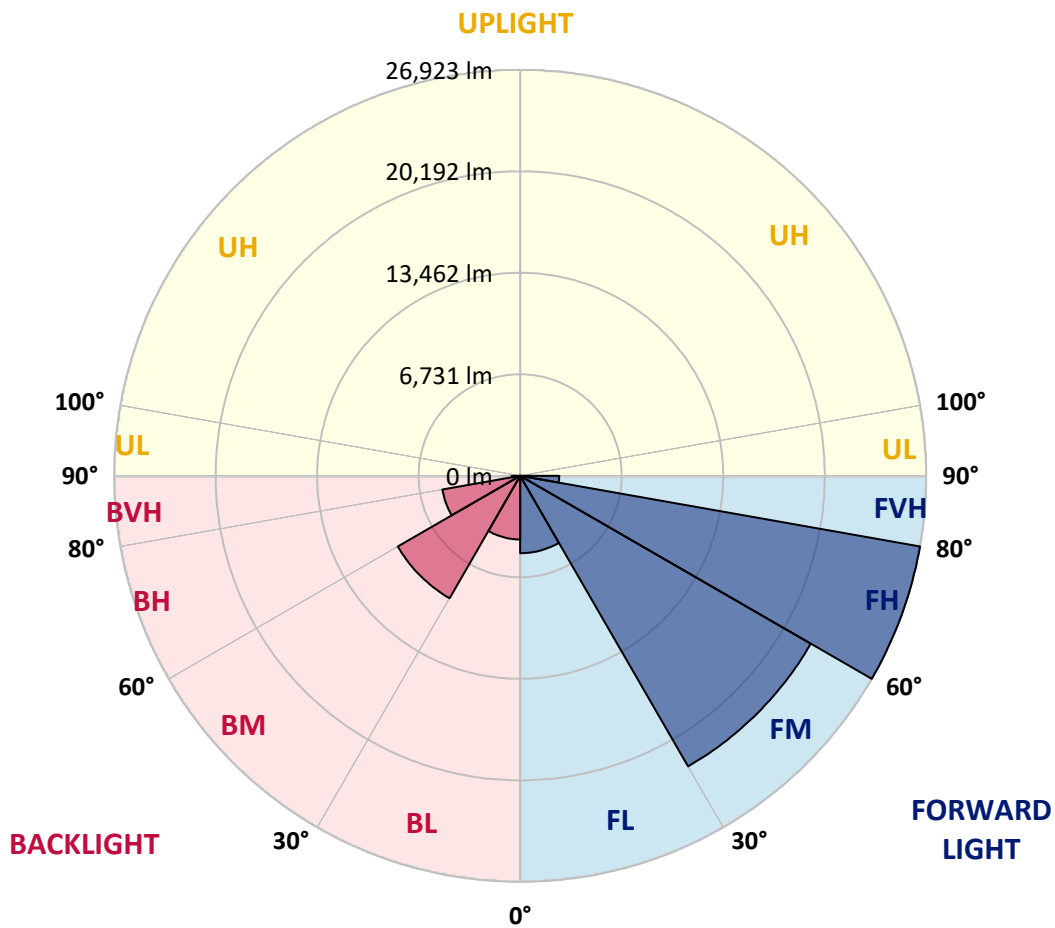
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5131.4	6.7			
FM (30°-60°)	22252.1	29.2			
FH (60°-80°)	26923.1	35.3			G5
FVH (80°-90°)	2594.4	3.4			G5
BL (0°-30°)	4222.2	5.5	B4/5000		
BM (30°-60°)	9370.0	12.3	B5		
BH (60°-80°)	5241.9	6.9	B5		G5
BVH (80°-90°)	555.0	0.7			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
2.5°	11281.5	11324.2	11367.3	11428.1	11488.9	11525.1	11561.3	11579.4	11597.6	11589.5
5°	12130.9	12280.3	12430.0	12578.2	12726.7	12807.2	12887.7	12936.4	12985.6	13022.6
7.5°	12984.3	13227.5	13470.2	13688.8	13907.4	14039.0	14170.7	14241.9	14312.8	14347.0
10°	13638.5	13925.9	14213.3	14469.8	14726.2	14881.6	15036.2	15105.4	15174.2	15200.4
12.5°	14039.0	14350.6	14661.8	14893.7	15124.7	15237.4	15350.2	15388.0	15425.8	15429.9
15°	14282.6	14551.5	14820.0	14965.3	15111.0	15115.1	15119.1	15078.8	15038.6	14991.1
17.5°	14419.4	14601.0	14782.6	14785.4	14787.8	14624.8	14461.7	14312.4	14162.6	14057.2
20°	14570.4	14633.6	14697.2	14506.0	14314.8	13954.9	13595.0	13333.0	13070.9	12909.9
22.5°	14745.5	14662.6	14579.7	14183.6	13787.4	13258.1	12728.7	12401.0	12073.4	11895.4
25°	14970.9	14709.3	14447.6	13846.2	13244.8	12601.9	11959.0	11614.5	11270.7	11102.4
27.5°	15276.9	14809.1	14341.0	13544.3	12748.0	12035.5	11323.0	10984.1	10645.5	10486.5
30°	15689.5	14991.9	14294.7	13314.0	12333.4	11591.1	10848.8	10534.4	10220.0	10071.9
32.5°	16176.6	15221.3	14266.5	13157.0	12047.6	11350.0	10652.4	10405.6	10158.4	10051.7
35°	16768.3	15599.3	14430.7	13274.6	12118.9	11634.2	11149.9	11092.3	11034.8	11025.9
37.5°	17764.7	16389.5	15014.4	13963.8	12913.1	12881.7	12850.3	13113.6	13376.8	13513.7
40°	19270.2	17774.7	16279.2	15497.9	14716.5	15268.0	15819.5	16459.6	17099.6	17418.5
42.5°	21266.9	19783.1	18299.3	17849.2	17399.1	18602.0	19804.8	20969.0	22133.2	22816.7
45°	23732.5	22399.7	21066.4	20867.9	20669.1	22596.1	24523.5	26436.5	28349.8	29511.2
47.5°	26816.1	25519.4	24222.4	24182.2	24141.9	26921.9	29701.2	32501.7	35301.9	36946.3
50°	30857.7	29255.9	27654.6	27661.4	27668.3	31251.0	34833.7	38530.4	42227.0	44462.0
52.5°	35497.1	33557.6	31618.5	31422.5	31226.0	35505.6	39785.1	44358.9	48932.3	51611.3
55°	40436.5	38520.3	36604.1	35839.7	35075.3	39838.3	44600.9	50053.4	55506.0	58692.2
57.5°	44928.9	43885.5	42841.7	41308.4	39775.5	44584.8	49394.1	55570.0	61745.6	65696.7
60°	47644.2	49264.8	50885.9	48981.8	47077.8	51629.0	56180.3	62792.6	69405.0	73675.3
62.5°	46265.4	50693.9	55122.4	54907.8	54692.9	58862.1	63031.8	69322.9	75613.5	79560.6
65°	43505.9	47662.3	51818.6	52641.1	53463.1	58761.5	64060.3	70160.6	76260.5	79621.0
67.5°	39808.5	43761.5	47714.6	48100.3	48485.5	54006.1	59526.3	65652.8	71779.2	74411.9
70°	35366.3	39666.0	43966.0	44138.3	44311.0	49247.9	54184.4	59456.7	64728.5	66191.8
72.5°	30072.7	35006.8	39941.3	40065.3	40188.9	44051.4	47913.9	51862.5	55810.8	55958.9
75°	23376.3	28483.0	33589.8	34048.3	34506.8	37511.9	40517.0	43296.6	46076.2	45331.5
77.5°	16701.9	21469.0	26236.4	26892.6	27548.7	29833.2	32117.7	34089.0	36060.7	34780.6
80°	10931.3	14942.0	18952.2	19767.8	20583.3	22308.7	24033.2	25068.6	26103.6	24044.5
82.5°	6354.3	9096.1	11838.3	12749.3	13660.6	14848.2	16035.7	16467.6	16899.2	15280.9
85°	2795.7	4251.0	5706.2	6481.1	7256.0	8231.8	9207.2	9452.3	9697.5	8401.3
87.5°	865.5	1354.6	1843.7	2276.0	2708.4	3196.3	3684.2	3705.1	3725.6	3127.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
11597.6	2.5°	11579.4	11561.3	11525.1	11488.9	11428.1	11367.3	11324.2	11281.5	11195.0	11108.5
12985.6	5°	12936.4	12887.7	12807.2	12726.7	12578.2	12430.0	12280.3	12130.9	11939.7	11748.5
14312.8	7.5°	14241.9	14170.7	14039.0	13907.4	13688.8	13470.2	13227.5	12984.3	12668.7	12353.5
15174.2	10°	15105.4	15036.2	14881.6	14726.2	14469.8	14213.3	13925.9	13638.5	13239.6	12840.6
15425.8	12.5°	15388.0	15350.2	15237.4	15124.7	14893.7	14661.8	14350.6	14039.0	13600.7	13162.7
15038.6	15°	15078.8	15119.1	15115.1	15111.0	14965.3	14820.0	14551.5	14282.6	13825.7	13368.8
14162.6	17.5°	14312.4	14461.7	14624.8	14787.8	14785.4	14782.6	14601.0	14419.4	13956.1	13492.8
13070.9	20°	13333.0	13595.0	13954.9	14314.8	14506.0	14697.2	14633.6	14570.4	14089.0	13607.1
12073.4	22.5°	12401.0	12728.7	13258.1	13787.4	14183.6	14579.7	14662.6	14745.5	14253.6	13761.3
11270.7	25°	11614.5	11959.0	12601.9	13244.8	13846.2	14447.6	14709.3	14970.9	14488.7	14006.8
10645.5	27.5°	10984.1	11323.0	12035.5	12748.0	13544.3	14341.0	14809.1	15276.9	14817.2	14357.1
10220.0	30°	10534.4	10848.8	11591.1	12333.4	13314.0	14294.7	14991.9	15689.5	15245.1	14801.1
10158.4	32.5°	10405.6	10652.4	11350.0	12047.6	13157.0	14266.5	15221.3	16176.6	15736.6	15297.0
11034.8	35°	11092.3	11149.9	11634.2	12118.9	13274.6	14430.7	15599.3	16768.3	16347.3	15925.8
13376.8	37.5°	13113.6	12850.3	12881.7	12913.1	13963.8	15014.4	16389.5	17764.7	17227.7	16690.7
17099.6	40°	16459.6	15819.5	15268.0	14716.5	15497.9	16279.2	17774.7	19270.2	18487.7	17705.1
22133.2	42.5°	20969.0	19804.8	18602.0	17399.1	17849.2	18299.3	19783.1	21266.9	20137.3	19007.7
28349.8	45°	26436.5	24523.5	22596.1	20669.1	20867.9	21066.4	22399.7	23732.5	22208.9	20685.2
35301.9	47.5°	32501.7	29701.2	26921.9	24141.9	24182.2	24222.4	25519.4	26816.1	24671.7	22526.9
42227.0	50°	38530.4	34833.7	31251.0	27668.3	27661.4	27654.6	29255.9	30857.7	27624.8	24391.5
48932.3	52.5°	44358.9	39785.1	35505.6	31226.0	31422.5	31618.5	33557.6	35497.1	30726.9	25956.6
55506.0	55°	50053.4	44600.9	39838.3	35075.3	35839.7	36604.1	38520.3	40436.5	33477.1	26518.2
61745.6	57.5°	55570.0	49394.1	44584.8	39775.5	41308.4	42841.7	43885.5	44928.9	35426.3	25923.6
69405.0	60°	62792.6	56180.3	51629.0	47077.8	48981.8	50885.9	49264.8	47644.2	35913.4	24182.2
75613.5	62.5°	69322.9	63031.8	58862.1	54692.9	54907.8	55122.4	50693.9	46265.4	33862.4	21459.3
76260.5	65°	70160.6	64060.3	58761.5	53463.1	52641.1	51818.6	47662.3	43505.9	30960.4	18414.8
71779.2	67.5°	65652.8	59526.3	54006.1	48485.5	48100.3	47714.6	43761.5	39808.5	27506.9	15205.2
64728.5	70°	59456.7	54184.4	49247.9	44311.0	44138.3	43966.0	39666.0	35366.3	23738.6	12110.8
55810.8	72.5°	51862.5	47913.9	44051.4	40188.9	40065.3	39941.3	35006.8	30072.7	19653.4	9234.6
46076.2	75°	43296.6	40517.0	37511.9	34506.8	34048.3	33589.8	28483.0	23376.3	14970.5	6564.8
36060.7	77.5°	34089.0	32117.7	29833.2	27548.7	26892.6	26236.4	21469.0	16701.9	10478.1	4254.2
26103.6	80°	25068.6	24033.2	22308.7	20583.3	19767.8	18952.2	14942.0	10931.3	6750.8	2570.3
16899.2	82.5°	16467.6	16035.7	14848.2	13660.6	12749.3	11838.3	9096.1	6354.3	3907.2	1460.5
9697.5	85°	9452.3	9207.2	8231.8	7256.0	6481.1	5706.2	4251.0	2795.7	1757.5	719.8
3725.6	87.5°	3705.1	3684.2	3196.3	2708.4	2276.0	1843.7	1354.6	865.5	575.7	285.8
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°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
11016.3	2.5°	10924.5	10831.9	10739.3	10650.7	10562.2	10476.4	10381.0	10303.7	10226.9	10157.2
11557.7	5°	11367.3	11175.3	10983.7	10804.5	10625.4	10456.3	10289.3	10143.5	9997.4	9875.0
12062.1	7.5°	11770.7	11486.9	11203.1	10953.1	10703.1	10472.4	10256.2	10062.2	9868.6	9707.6
12455.4	10°	12070.6	11726.0	11381.0	11085.5	10789.2	10504.6	10272.3	10067.9	9863.4	9702.3
12726.3	12.5°	12289.9	11883.4	11476.8	11142.3	10807.7	10508.6	10292.5	10125.0	9958.4	9851.3
12895.4	15°	12422.0	11953.8	11485.6	11098.4	10711.1	10379.8	10206.7	10126.6	10046.9	10061.4
12976.3	17.5°	12459.8	11916.4	11372.9	10907.2	10441.4	10051.7	9945.1	9974.5	10003.4	10179.0
13039.5	20°	12471.9	11813.3	11154.7	10577.5	10000.2	9546.5	9518.4	9655.2	9792.1	10096.8
13124.8	22.5°	12488.0	11686.9	10885.8	10190.6	9495.4	8978.9	9034.1	9236.6	9439.1	9786.9
13279.4	25°	12551.6	11562.1	10573.1	9758.7	8944.7	8415.4	8564.3	8797.8	9031.3	9344.1
13521.0	27.5°	12684.4	11478.8	10273.2	9363.8	8454.4	7972.6	8153.7	8379.1	8604.6	8861.8
13833.7	30°	12866.4	11439.8	10012.3	9033.7	8055.1	7650.5	7792.6	7971.4	8150.9	8364.2
14160.2	32.5°	13023.4	11391.4	9758.7	8749.1	7739.1	7413.0	7476.2	7582.1	7688.0	7858.2
14532.2	35°	13138.5	11300.5	9463.2	8469.3	7475.4	7203.7	7177.5	7206.5	7235.9	7365.9
14948.8	37.5°	13207.0	11144.7	9082.4	8140.0	7197.6	6960.1	6864.3	6832.1	6799.9	6893.3
15477.8	40°	13250.0	10930.1	8610.6	7747.1	6883.7	6668.3	6521.4	6448.5	6375.6	6442.9
16169.8	42.5°	13331.8	10708.7	8086.5	7313.6	6540.7	6342.2	6157.0	6060.4	5963.8	6018.6
17080.3	45°	13475.5	10503.0	7531.0	6853.1	6175.2	5973.9	5794.8	5700.6	5606.8	5652.6
18050.5	47.5°	13574.1	10333.1	7092.2	6488.8	5885.3	5625.7	5471.5	5392.6	5313.7	5357.2
18950.6	50°	13509.7	10148.0	6786.2	6246.8	5707.4	5366.0	5186.9	5116.9	5047.2	5114.8
19535.1	52.5°	13113.2	9835.2	6557.6	6087.4	5617.6	5225.1	4974.8	4905.5	4836.7	4938.5
19406.3	55°	12294.0	9316.7	6339.4	5971.9	5604.3	5239.2	4862.0	4752.5	4643.4	4788.0
18499.7	57.5°	11076.2	8585.7	6094.7	5835.0	5575.4	5253.3	4794.4	4635.0	4475.6	4631.0
16812.6	60°	9443.1	7636.4	5829.8	5625.7	5421.6	5209.0	4730.8	4524.3	4317.4	4453.8
14531.4	62.5°	7603.4	6500.4	5397.4	5261.8	5126.5	5100.3	4656.7	4398.3	4140.3	4226.8
12203.8	65°	5993.2	5478.3	4963.5	4899.5	4835.5	4838.7	4500.5	4226.0	3951.1	3984.5
9923.7	67.5°	4642.2	4496.1	4349.6	4385.4	4420.8	4412.0	4222.0	3993.3	3764.7	3754.2
7813.6	70°	3516.3	3558.2	3599.6	3765.5	3930.9	3930.9	3868.5	3705.9	3543.3	3507.0
5973.5	72.5°	2712.4	2838.4	2964.8	3199.9	3434.6	3474.0	3474.8	3363.3	3251.8	3198.7
4335.5	75°	2106.2	2220.5	2334.8	2598.1	2861.3	3043.3	3028.0	2942.3	2856.1	2805.4
2937.8	77.5°	1621.5	1699.2	1777.3	2032.9	2288.5	2588.4	2580.4	2511.5	2442.7	2391.2
1892.8	80°	1215.7	1247.9	1280.1	1496.7	1712.9	2071.1	2069.9	2012.4	1954.4	1911.3
1164.2	82.5°	868.7	874.3	880.8	1040.2	1199.6	1505.5	1522.5	1494.3	1466.1	1435.5
622.3	85°	525.3	522.5	519.3	636.0	752.8	980.2	1002.4	972.2	942.0	907.8
258.0	87.5°	230.3	227.4	224.6	272.1	320.0	414.6	442.8	430.7	418.7	412.2
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
10088.0	2.5°	10027.2	9966.4	9905.2	9844.4	9797.3	9749.8	9711.6	9673.3	9643.6	9613.8
9753.1	5°	9645.2	9537.3	9439.5	9341.2	9266.0	9190.3	9137.6	9084.8	9047.4	9009.9
9546.5	7.5°	9410.9	9274.8	9154.9	9035.3	8945.5	8856.2	8793.4	8730.6	8687.5	8644.8
9541.3	10°	9395.2	9248.7	9113.8	8978.9	8871.9	8764.4	8694.3	8623.5	8582.8	8542.2
9745.0	12.5°	9629.9	9515.5	9375.9	9236.6	9099.7	8962.8	8872.3	8781.7	8736.2	8691.1
10075.9	15°	10046.1	10016.3	9895.2	9774.0	9579.2	9384.3	9246.6	9109.0	9045.8	8983.0
10354.5	17.5°	10447.9	10540.9	10443.0	10345.6	10087.6	9829.5	9626.7	9423.8	9330.4	9236.6
10402.0	20°	10597.2	10792.4	10747.4	10701.9	10406.8	10112.1	9863.4	9615.0	9495.4	9375.5
10135.5	22.5°	10389.5	10643.5	10670.9	10697.8	10416.1	10134.3	9878.2	9621.8	9495.8	9369.4
9657.2	25°	9907.2	10157.2	10250.6	10343.6	10112.5	9881.9	9654.0	9427.0	9317.5	9208.4
9118.6	27.5°	9319.1	9519.6	9623.4	9727.7	9563.0	9398.8	9222.1	9045.4	8972.1	8898.4
8577.6	30°	8743.9	8910.5	8995.0	9079.6	8954.4	8828.8	8702.4	8575.2	8537.7	8499.9
8028.9	32.5°	8188.3	8348.1	8441.9	8536.1	8421.0	8305.5	8204.4	8103.4	8078.8	8054.3
7495.5	35°	7653.3	7811.5	7924.3	8037.0	7954.9	7873.1	7779.7	7686.8	7649.3	7612.3
6986.3	37.5°	7143.7	7301.5	7440.8	7580.1	7542.2	7504.4	7418.6	7332.5	7264.5	7196.8
6510.1	40°	6662.3	6814.4	6974.6	7135.3	7144.5	7153.4	7080.5	7007.6	6908.6	6810.4
6073.7	42.5°	6217.8	6362.4	6535.4	6708.5	6754.8	6801.1	6739.5	6678.4	6555.6	6432.8
5699.3	45°	5836.2	5973.1	6152.6	6332.2	6398.6	6465.0	6409.4	6354.3	6213.8	6073.7
5400.2	47.5°	5534.3	5667.9	5845.1	6022.2	6098.7	6175.2	6136.5	6097.9	5973.1	5848.3
5182.9	50°	5309.3	5435.3	5593.9	5752.5	5850.7	5948.9	5946.5	5944.9	5845.1	5745.2
5040.0	52.5°	5155.9	5271.4	5419.2	5567.3	5683.6	5800.0	5820.9	5841.8	5760.5	5679.2
4932.1	55°	5056.9	5181.7	5311.3	5440.5	5563.7	5687.3	5716.3	5745.2	5674.4	5603.5
4786.4	57.5°	4932.9	5079.4	5207.4	5335.8	5460.2	5584.2	5613.6	5643.0	5571.3	5499.7
4589.9	60°	4758.2	4926.4	5056.5	5186.9	5311.7	5436.5	5468.7	5500.9	5430.8	5361.2
4313.4	62.5°	4509.4	4705.8	4844.7	4983.6	5097.9	5212.3	5243.3	5274.2	5211.0	5147.8
4017.5	65°	4227.6	4438.1	4571.0	4703.8	4804.5	4905.1	4936.9	4968.3	4907.5	4846.7
3743.7	67.5°	3937.8	4132.2	4258.2	4383.8	4470.8	4557.7	4588.7	4619.3	4563.3	4507.8
3470.8	70°	3641.5	3812.2	3920.9	4029.6	4108.1	4186.6	4216.3	4246.1	4200.6	4155.2
3146.0	72.5°	3280.4	3414.5	3512.7	3610.9	3687.8	3764.7	3800.1	3835.5	3797.7	3759.8
2754.3	75°	2854.1	2953.9	3042.9	3131.9	3201.9	3272.0	3309.0	3346.0	3327.5	3309.0
2339.6	77.5°	2421.0	2501.9	2578.4	2654.8	2728.5	2801.8	2836.4	2871.0	2845.2	2818.7
1867.8	80°	1935.5	2002.7	2067.1	2131.5	2187.5	2243.0	2288.9	2334.8	2323.5	2312.7
1404.9	82.5°	1399.3	1393.6	1371.1	1348.6	1467.7	1586.9	1665.0	1743.1	1738.2	1733.0
873.5	85°	844.6	815.2	752.8	690.4	801.9	913.8	1010.4	1107.0	1099.0	1090.9
405.8	87.5°	404.6	403.4	355.9	308.0	354.6	401.7	440.8	479.8	470.2	459.7
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
9586.4	2.5°	9558.6	9524.4	9558.6	9586.4	9613.8	9643.6	9673.3	9711.6	9749.8	9797.3
8981.4	5°	8952.8	8924.6	8952.8	8981.4	9009.9	9047.4	9084.8	9137.6	9190.3	9266.0
8619.1	7.5°	8593.7	8574.4	8593.7	8619.1	8644.8	8687.5	8730.6	8793.4	8856.2	8945.5
8520.4	10°	8498.7	8489.8	8498.7	8520.4	8542.2	8582.8	8623.5	8694.3	8764.4	8871.9
8672.6	12.5°	8654.1	8650.9	8654.1	8672.6	8691.1	8736.2	8781.7	8872.3	8962.8	9099.7
8958.8	15°	8934.7	8932.7	8934.7	8958.8	8983.0	9045.8	9109.0	9246.6	9384.3	9579.2
9206.0	17.5°	9175.0	9170.2	9175.0	9206.0	9236.6	9330.4	9423.8	9626.7	9829.5	10087.6
9337.2	20°	9299.0	9286.9	9299.0	9337.2	9375.5	9495.4	9615.0	9863.4	10112.1	10406.8
9327.2	22.5°	9284.9	9266.8	9284.9	9327.2	9369.4	9495.8	9621.8	9878.2	10134.3	10416.1
9168.5	25°	9129.1	9105.7	9129.1	9168.5	9208.4	9317.5	9427.0	9654.0	9881.9	10112.5
8880.3	27.5°	8862.2	8856.2	8862.2	8880.3	8898.4	8972.1	9045.4	9222.1	9398.8	9563.0
8499.9	30°	8499.9	8505.9	8499.9	8499.9	8499.9	8537.7	8575.2	8702.4	8828.8	8954.4
8057.5	32.5°	8061.1	8067.2	8061.1	8057.5	8054.3	8078.8	8103.4	8204.4	8305.5	8421.0
7604.2	35°	7596.2	7592.2	7596.2	7604.2	7612.3	7649.3	7686.8	7779.7	7873.1	7954.9
7161.0	37.5°	7125.2	7105.1	7125.2	7161.0	7196.8	7264.5	7332.5	7418.6	7504.4	7542.2
6743.6	40°	6677.5	6638.1	6677.5	6743.6	6810.4	6908.6	7007.6	7080.5	7153.4	7144.5
6335.8	42.5°	6238.8	6175.2	6238.8	6335.8	6432.8	6555.6	6678.4	6739.5	6801.1	6754.8
5959.8	45°	5845.9	5772.6	5845.9	5959.8	6073.7	6213.8	6354.3	6409.4	6465.0	6398.6
5742.8	47.5°	5637.8	5567.3	5637.8	5742.8	5848.3	5973.1	6097.9	6136.5	6175.2	6098.7
5647.8	50°	5550.4	5482.8	5550.4	5647.8	5745.2	5845.1	5944.9	5946.5	5948.9	5850.7
5591.9	52.5°	5504.9	5442.5	5504.9	5591.9	5679.2	5760.5	5841.8	5820.9	5800.0	5683.6
5527.1	55°	5450.6	5394.2	5450.6	5527.1	5603.5	5674.4	5745.2	5716.3	5687.3	5563.7
5424.0	57.5°	5347.9	5289.5	5347.9	5424.0	5499.7	5571.3	5643.0	5613.6	5584.2	5460.2
5283.1	60°	5205.0	5144.6	5205.0	5283.1	5361.2	5430.8	5500.9	5468.7	5436.5	5311.7
5065.7	62.5°	4983.6	4911.1	4983.6	5065.7	5147.8	5211.0	5274.2	5243.3	5212.3	5097.9
4767.0	65°	4687.7	4625.3	4687.7	4767.0	4846.7	4907.5	4968.3	4936.9	4905.1	4804.5
4433.7	67.5°	4359.6	4303.3	4359.6	4433.7	4507.8	4563.3	4619.3	4588.7	4557.7	4470.8
4084.3	70°	4013.5	3949.0	4013.5	4084.3	4155.2	4200.6	4246.1	4216.3	4186.6	4108.1
3692.2	72.5°	3625.0	3562.6	3625.0	3692.2	3759.8	3797.7	3835.5	3800.1	3764.7	3687.8
3252.2	75°	3195.5	3135.9	3195.5	3252.2	3309.0	3327.5	3346.0	3309.0	3272.0	3201.9
2761.5	77.5°	2704.4	2656.9	2704.4	2761.5	2818.7	2845.2	2871.0	2836.4	2801.8	2728.5
2235.8	80°	2158.5	2069.1	2158.5	2235.8	2312.7	2323.5	2334.8	2288.9	2243.0	2187.5
1668.2	82.5°	1603.0	1545.8	1603.0	1668.2	1733.0	1738.2	1743.1	1665.0	1586.9	1467.7
1040.2	85°	989.5	937.9	989.5	1040.2	1090.9	1099.0	1107.0	1010.4	913.8	801.9
434.0	87.5°	407.4	382.4	407.4	434.0	459.7	470.2	479.8	440.8	401.7	354.6
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
9844.4	2.5°	9905.2	9966.4	10027.2	10088.0	10157.2	10226.9	10303.7	10381.0	10476.4	10562.2
9341.2	5°	9439.5	9537.3	9645.2	9753.1	9875.0	9997.4	10143.5	10289.3	10456.3	10625.4
9035.3	7.5°	9154.9	9274.8	9410.9	9546.5	9707.6	9868.6	10062.2	10256.2	10472.4	10703.1
8978.9	10°	9113.8	9248.7	9395.2	9541.3	9702.3	9863.4	10067.9	10272.3	10504.6	10789.2
9236.6	12.5°	9375.9	9515.5	9629.9	9745.0	9851.3	9958.4	10125.0	10292.5	10508.6	10807.7
9774.0	15°	9895.2	10016.3	10046.1	10075.9	10061.4	10046.9	10126.6	10206.7	10379.8	10711.1
10345.6	17.5°	10443.0	10540.9	10447.9	10354.5	10179.0	10003.4	9974.5	9945.1	10051.7	10441.4
10701.9	20°	10747.4	10792.4	10597.2	10402.0	10096.8	9792.1	9655.2	9518.4	9546.5	10000.2
10697.8	22.5°	10670.9	10643.5	10389.5	10135.5	9786.9	9439.1	9236.6	9034.1	8978.9	9495.4
10343.6	25°	10250.6	10157.2	9907.2	9657.2	9344.1	9031.3	8797.8	8564.3	8415.4	8944.7
9727.7	27.5°	9623.4	9519.6	9319.1	9118.6	8861.8	8604.6	8379.1	8153.7	7972.6	8454.4
9079.6	30°	8995.0	8910.5	8743.9	8577.6	8364.2	8150.9	7971.4	7792.6	7650.5	8055.1
8536.1	32.5°	8441.9	8348.1	8188.3	8028.9	7858.2	7688.0	7582.1	7476.2	7413.0	7739.1
8037.0	35°	7924.3	7811.5	7653.3	7495.5	7365.9	7235.9	7206.5	7177.5	7203.7	7475.4
7580.1	37.5°	7440.8	7301.5	7143.7	6986.3	6893.3	6799.9	6832.1	6864.3	6960.1	7197.6
7135.3	40°	6974.6	6814.4	6662.3	6510.1	6442.9	6375.6	6448.5	6521.4	6668.3	6883.7
6708.5	42.5°	6535.4	6362.4	6217.8	6073.7	6018.6	5963.8	6060.4	6157.0	6342.2	6540.7
6332.2	45°	6152.6	5973.1	5836.2	5699.3	5652.6	5606.8	5700.6	5794.8	5973.9	6175.2
6022.2	47.5°	5845.1	5667.9	5534.3	5400.2	5357.2	5313.7	5392.6	5471.5	5625.7	5885.3
5752.5	50°	5593.9	5435.3	5309.3	5182.9	5114.8	5047.2	5116.9	5186.9	5366.0	5707.4
5567.3	52.5°	5419.2	5271.4	5155.9	5040.0	4938.5	4836.7	4905.5	4974.8	5225.1	5617.6
5440.5	55°	5311.3	5181.7	5056.9	4932.1	4788.0	4643.4	4752.5	4862.0	5239.2	5604.3
5335.8	57.5°	5207.4	5079.4	4932.9	4786.4	4631.0	4475.6	4635.0	4794.4	5253.3	5575.4
5186.9	60°	5056.5	4926.4	4758.2	4589.9	4453.8	4317.4	4524.3	4730.8	5209.0	5421.6
4983.6	62.5°	4844.7	4705.8	4509.4	4313.4	4226.8	4140.3	4398.3	4656.7	5100.3	5126.5
4703.8	65°	4571.0	4438.1	4227.6	4017.5	3984.5	3951.1	4226.0	4500.5	4838.7	4835.5
4383.8	67.5°	4258.2	4132.2	3937.8	3743.7	3754.2	3764.7	3993.3	4222.0	4412.0	4420.8
4029.6	70°	3920.9	3812.2	3641.5	3470.8	3507.0	3543.3	3705.9	3868.5	3930.9	3930.9
3610.9	72.5°	3512.7	3414.5	3280.4	3146.0	3198.7	3251.8	3363.3	3474.8	3474.0	3434.6
3131.9	75°	3042.9	2953.9	2854.1	2754.3	2805.4	2856.1	2942.3	3028.0	3043.3	2861.3
2654.8	77.5°	2578.4	2501.9	2421.0	2339.6	2391.2	2442.7	2511.5	2580.4	2588.4	2288.5
2131.5	80°	2067.1	2002.7	1935.5	1867.8	1911.3	1954.4	2012.4	2069.9	2071.1	1712.9
1348.6	82.5°	1371.1	1393.6	1399.3	1404.9	1435.5	1466.1	1494.3	1522.5	1505.5	1199.6
690.4	85°	752.8	815.2	844.6	873.5	907.8	942.0	972.2	1002.4	980.2	752.8
308.0	87.5°	355.9	403.4	404.6	405.8	412.2	418.7	430.7	442.8	414.6	320.0
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):

325°		330°	335°	340°	345°	350°	355°	360°
10490.5	0°	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5	10490.5
10650.7	2.5°	10739.3	10831.9	10924.5	11016.3	11108.5	11195.0	11281.5
10804.5	5°	10983.7	11175.3	11367.3	11557.7	11748.5	11939.7	12130.9
10953.1	7.5°	11203.1	11486.9	11770.7	12062.1	12353.5	12668.7	12984.3
11085.5	10°	11381.0	11726.0	12070.6	12455.4	12840.6	13239.6	13638.5
11142.3	12.5°	11476.8	11883.4	12289.9	12726.3	13162.7	13600.7	14039.0
11098.4	15°	11485.6	11953.8	12422.0	12895.4	13368.8	13825.7	14282.6
10907.2	17.5°	11372.9	11916.4	12459.8	12976.3	13492.8	13956.1	14419.4
10577.5	20°	11154.7	11813.3	12471.9	13039.5	13607.1	14089.0	14570.4
10190.6	22.5°	10885.8	11686.9	12488.0	13124.8	13761.3	14253.6	14745.5
9758.7	25°	10573.1	11562.1	12551.6	13279.4	14006.8	14488.7	14970.9
9363.8	27.5°	10273.2	11478.8	12684.4	13521.0	14357.1	14817.2	15276.9
9033.7	30°	10012.3	11439.8	12866.4	13833.7	14801.1	15245.1	15689.5
8749.1	32.5°	9758.7	11391.4	13023.4	14160.2	15297.0	15736.6	16176.6
8469.3	35°	9463.2	11300.5	13138.5	14532.2	15925.8	16347.3	16768.3
8140.0	37.5°	9082.4	11144.7	13207.0	14948.8	16690.7	17227.7	17764.7
7747.1	40°	8610.6	10930.1	13250.0	15477.8	17705.1	18487.7	19270.2
7313.6	42.5°	8086.5	10708.7	13331.8	16169.8	19007.7	20137.3	21266.9
6853.1	45°	7531.0	10503.0	13475.5	17080.3	20685.2	22208.9	23732.5
6488.8	47.5°	7092.2	10333.1	13574.1	18050.5	22526.9	24671.7	26816.1
6246.8	50°	6786.2	10148.0	13509.7	18950.6	24391.5	27624.8	30857.7
6087.4	52.5°	6557.6	9835.2	13113.2	19535.1	25956.6	30726.9	35497.1
5971.9	55°	6339.4	9316.7	12294.0	19406.3	26518.2	33477.1	40436.5
5835.0	57.5°	6094.7	8585.7	11076.2	18499.7	25923.6	35426.3	44928.9
5625.7	60°	5829.8	7636.4	9443.1	16812.6	24182.2	35913.4	47644.2
5261.8	62.5°	5397.4	6500.4	7603.4	14531.4	21459.3	33862.4	46265.4
4899.5	65°	4963.5	5478.3	5993.2	12203.8	18414.8	30960.4	43505.9
4385.4	67.5°	4349.6	4496.1	4642.2	9923.7	15205.2	27506.9	39808.5
3765.5	70°	3599.6	3558.2	3516.3	7813.6	12110.8	23738.6	35366.3
3199.9	72.5°	2964.8	2838.4	2712.4	5973.5	9234.6	19653.4	30072.7
2598.1	75°	2334.8	2220.5	2106.2	4335.5	6564.8	14970.5	23376.3
2032.9	77.5°	1777.3	1699.2	1621.5	2937.8	4254.2	10478.1	16701.9
1496.7	80°	1280.1	1247.9	1215.7	1892.8	2570.3	6750.8	10931.3
1040.2	82.5°	880.8	874.3	868.7	1164.2	1460.5	3907.2	6354.3
636.0	85°	519.3	522.5	525.3	622.3	719.8	1757.5	2795.7
272.1	87.5°	224.6	227.4	230.3	258.0	285.8	575.7	865.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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