

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: P953158

Luminaire Tested: **GALN-SB6D-750-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953158
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-SB6D-750-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 65051 lumens
Efficiency: N/A
Efficacy: 147.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

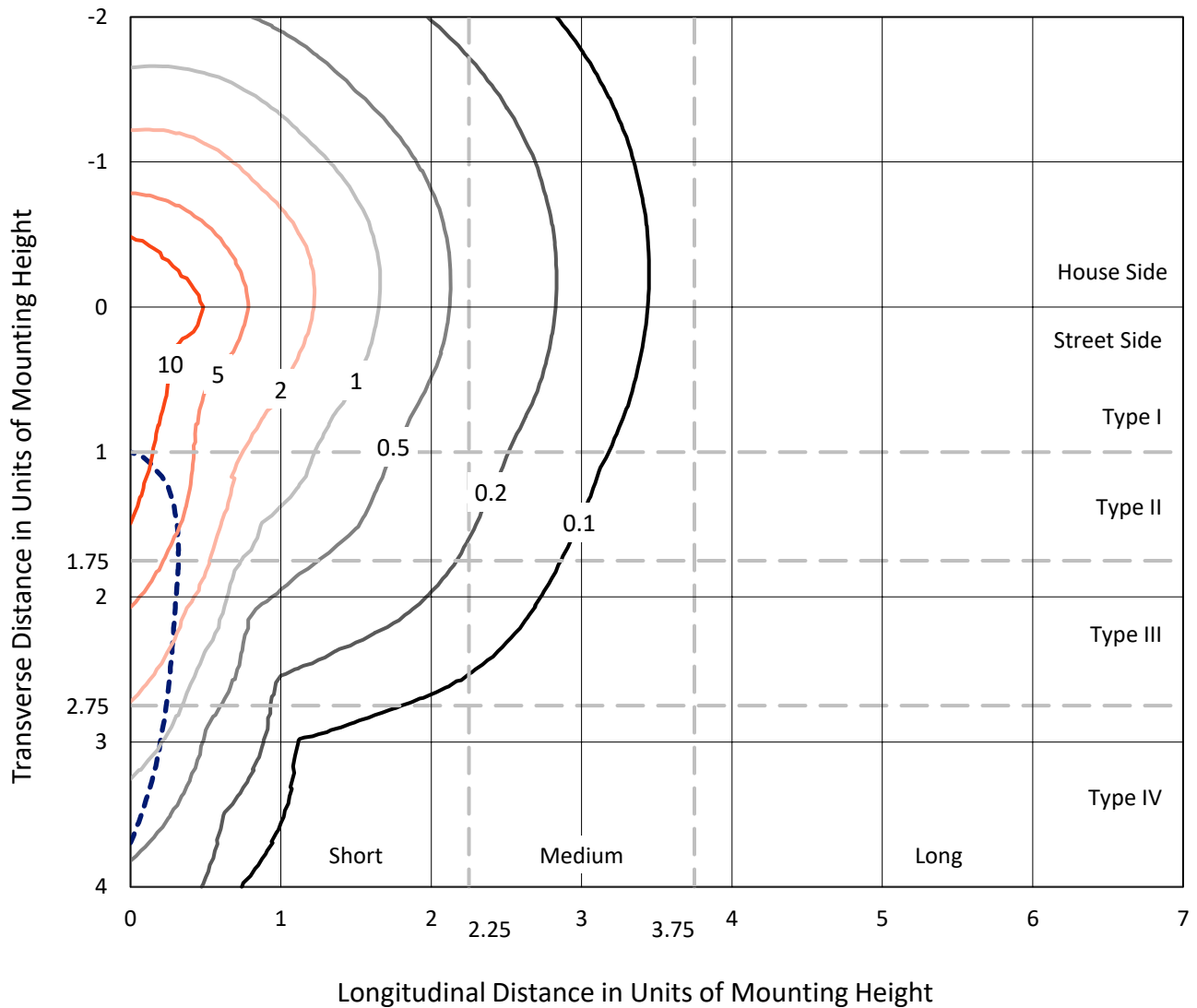
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

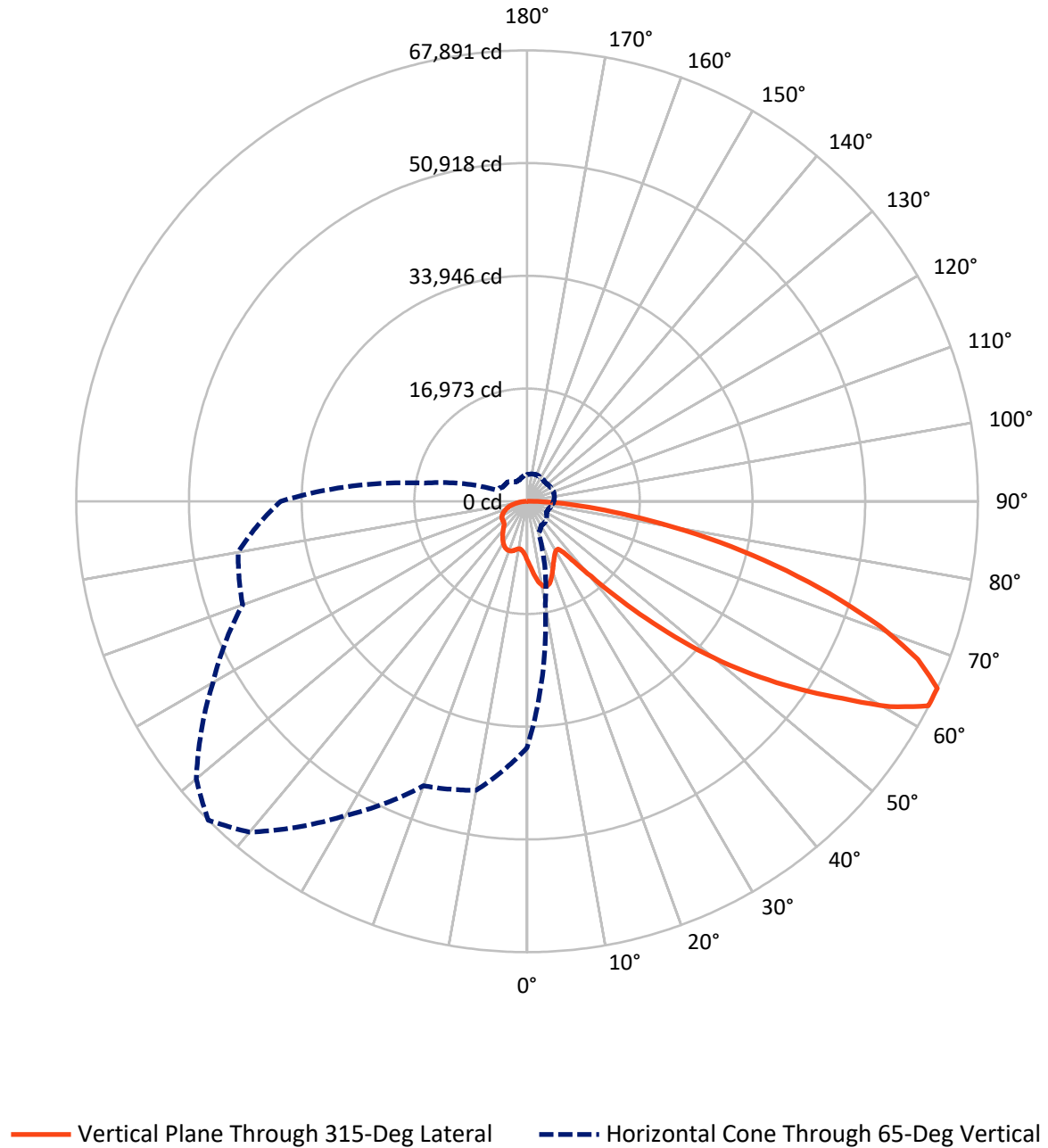
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16532.7	0.0	16532.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	48518.3	0.0	48518.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	65051.0	0.0	65051.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	887.3	1.4
10°-20°	2785.6	4.3
20°-30°	4302.7	6.6
30°-40°	5452.6	8.4
40°-50°	8223.9	12.6
50°-60°	13287.0	20.4
60°-70°	16564.4	25.5
70°-80°	10862.1	16.7
80°-90°	2685.4	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°	65051.0	100.0
0°-180°	65051.0	100.0



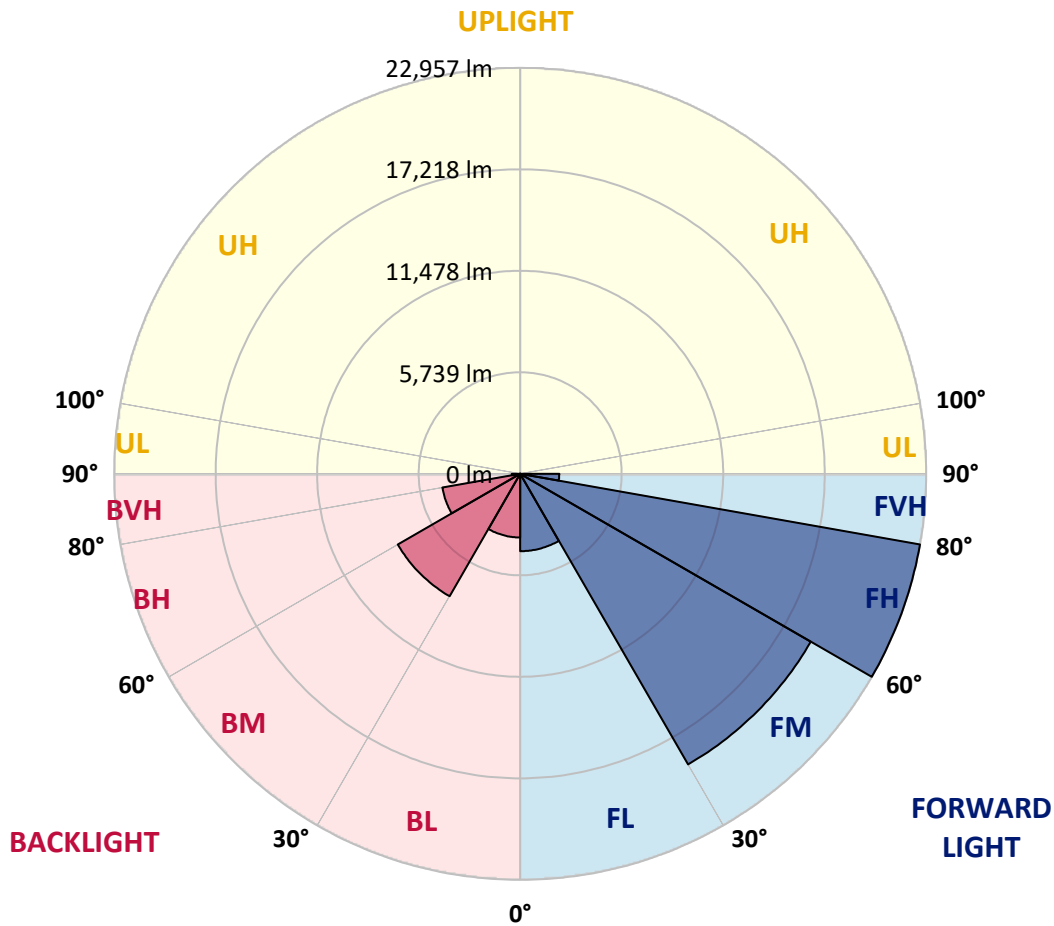
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4375.4	6.7			
FM (30°-60°)	18974.0	29.2			
FH (60°-80°)	22956.8	35.3			G5
FVH (80°-90°)	2212.2	3.4			G5
BL (0°-30°)	3600.2	5.5	B4/5000		
BM (30°-60°)	7989.6	12.3	B4/8500		
BH (60°-80°)	4469.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	473.2	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°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
2.5°	9619.6	9545.8	9472.0	9393.4	9315.1	9236.1	9157.2	9081.7	9006.2	8933.1
5°	10343.8	10180.8	10017.7	9855.0	9692.7	9528.9	9365.6	9212.8	9060.1	8915.9
7.5°	11071.5	10802.4	10533.6	10285.1	10036.6	9794.6	9552.6	9339.5	9126.3	8929.6
10°	11629.3	11289.1	10949.0	10620.5	10292.3	9998.5	9704.3	9452.4	9199.8	8957.1
12.5°	11970.8	11597.0	11223.6	10851.5	10479.4	10132.7	9786.0	9500.8	9215.6	8960.5
15°	12178.5	11788.9	11399.3	10995.6	10592.0	10192.8	9793.6	9463.4	9133.2	8850.7
17.5°	12295.2	11900.1	11505.0	11064.6	10624.2	10160.9	9697.5	9300.3	8903.2	8570.9
20°	12423.9	12013.4	11602.5	11118.5	10634.5	10073.0	9511.4	9019.2	8527.0	8140.2
22.5°	12573.2	12153.8	11734.0	11191.3	10648.3	9965.2	9282.1	8689.4	8096.6	7656.2
25°	12765.4	12354.2	11943.4	11323.1	10702.5	9858.8	9015.4	8321.0	7627.0	7175.6
27.5°	13026.3	12634.3	12242.0	11529.1	10815.8	9787.7	8759.7	7984.3	7208.9	6798.0
30°	13378.1	12999.2	12620.6	11795.8	10970.9	9754.5	8537.3	7702.9	6868.4	6523.5
32.5°	13793.5	13418.3	13043.5	12074.1	11104.8	9713.3	8321.0	7460.2	6599.0	6320.9
35°	14298.0	13939.0	13579.6	12391.3	11203.0	9635.7	8069.1	7221.6	6374.1	6142.4
37.5°	15147.6	14689.7	14231.8	12746.6	11261.3	9502.9	7744.4	6940.8	6137.3	5934.8
40°	16431.3	15764.1	15096.8	13197.6	11298.0	9319.9	7342.1	6605.8	5869.6	5685.9
42.5°	18133.9	17170.7	16207.5	13787.6	11367.7	9131.1	6895.2	6236.2	5577.1	5407.9
45°	20236.3	18937.1	17637.9	14564.1	11490.3	8955.7	6421.5	5843.5	5265.4	5093.8
47.5°	22865.5	21037.1	19208.2	15391.3	11574.4	8810.9	6047.4	5532.8	5018.3	4796.9
50°	26311.8	23555.1	20798.2	16158.8	11519.4	8653.0	5786.5	5326.5	4866.6	4575.5
52.5°	30267.7	26200.2	22132.7	16657.2	11181.3	8386.3	5591.5	5190.6	4790.0	4455.4
55°	34479.4	28545.3	22611.5	16547.4	10482.8	7944.2	5405.5	5092.1	4778.7	4467.4
57.5°	38310.0	30207.3	22104.6	15774.4	9444.5	7320.8	5196.8	4975.4	4754.0	4479.4
60°	40625.3	30622.6	20619.7	14335.8	8051.9	6511.4	4970.9	4796.9	4622.9	4441.6
62.5°	39449.6	28873.8	18297.9	12390.6	6483.3	5542.8	4602.3	4486.6	4371.3	4349.0
65°	37096.7	26399.3	15701.9	10405.9	5110.3	4671.3	4232.3	4177.7	4123.1	4125.9
67.5°	33943.9	23454.6	12965.2	8461.8	3958.3	3833.7	3708.8	3739.4	3769.6	3762.0
70°	30156.2	20241.4	10326.7	6662.5	2998.3	3034.0	3069.3	3210.8	3351.8	3351.8
72.5°	25642.4	16758.1	7874.1	5093.5	2312.8	2420.2	2528.0	2728.5	2928.6	2962.2
75°	19932.5	12765.1	5597.7	3696.8	1795.9	1893.4	1990.8	2215.3	2439.8	2595.0
77.5°	14241.4	8934.4	3627.5	2505.0	1382.6	1448.9	1515.4	1733.4	1951.4	2207.1
80°	9320.9	5756.3	2191.6	1614.0	1036.6	1064.1	1091.5	1276.2	1460.5	1766.0
82.5°	5418.2	3331.6	1245.3	992.7	740.7	745.5	751.0	887.0	1022.9	1283.8
85°	2383.9	1498.6	613.7	530.7	447.9	445.5	442.8	542.3	641.9	835.8
87.5°	738.0	490.8	243.7	220.0	196.3	193.9	191.5	232.0	272.9	353.5
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°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
8851.7	2.5°	8785.8	8720.2	8660.9	8601.8	8550.0	8498.2	8446.0	8394.2	8354.0	8313.5
8773.4	5°	8649.2	8524.6	8420.2	8316.2	8224.2	8132.3	8048.8	7965.1	7900.9	7836.4
8745.3	7.5°	8579.9	8414.8	8277.5	8140.2	8024.5	7908.5	7806.2	7704.2	7627.7	7551.5
8759.0	10°	8584.7	8410.3	8273.0	8135.7	8011.1	7886.1	7771.2	7656.2	7564.9	7473.2
8776.2	12.5°	8633.4	8491.3	8400.0	8309.4	8211.2	8113.7	7994.6	7875.9	7759.1	7642.4
8703.1	15°	8634.8	8566.8	8579.2	8591.5	8566.1	8540.7	8437.4	8334.1	8168.0	8001.8
8480.0	17.5°	8505.0	8529.7	8679.4	8829.1	8908.7	8988.0	8904.6	8821.5	8601.5	8381.5
8116.1	20°	8232.8	8349.5	8609.4	8869.6	9036.0	9202.5	9164.1	9125.3	8873.7	8622.4
7703.2	22.5°	7875.9	8048.5	8345.1	8642.3	8858.9	9075.5	9098.8	9121.8	8881.6	8641.3
7302.6	25°	7501.7	7700.8	7967.5	8234.5	8447.7	8660.9	8740.5	8819.8	8622.8	8426.1
6952.5	27.5°	7144.7	7337.0	7556.3	7775.3	7946.2	8117.2	8205.7	8294.6	8154.2	8014.2
6644.6	30°	6797.0	6950.1	7132.0	7314.0	7455.7	7597.8	7669.9	7742.0	7635.2	7528.1
6374.8	32.5°	6465.1	6555.4	6700.6	6846.1	6982.0	7118.3	7198.3	7278.6	7180.4	7081.9
6120.1	35°	6144.8	6169.9	6280.8	6391.3	6525.9	6660.7	6756.9	6853.0	6782.9	6713.3
5853.1	37.5°	5825.6	5798.2	5877.8	5957.1	6091.3	6225.9	6344.6	6463.4	6431.1	6398.9
5560.6	40°	5498.5	5436.4	5493.7	5551.0	5680.8	5810.5	5947.1	6084.1	6092.0	6099.5
5250.0	42.5°	5167.6	5085.2	5131.9	5178.9	5301.8	5425.1	5572.6	5720.2	5759.7	5799.2
4941.1	45°	4860.8	4780.8	4819.9	4859.7	4976.4	5093.1	5246.2	5399.3	5455.9	5512.6
4665.4	47.5°	4598.2	4530.9	4568.0	4604.7	4719.0	4832.9	4984.0	5135.0	5200.2	5265.4
4422.8	50°	4363.0	4303.7	4361.3	4419.3	4527.1	4634.5	4769.8	4905.0	4988.8	5072.5
4241.9	52.5°	4182.8	4124.1	4211.0	4297.5	4396.3	4494.8	4620.8	4747.1	4846.3	4945.5
4145.8	55°	4052.4	3959.4	4082.6	4205.5	4311.9	4418.3	4528.8	4639.0	4744.0	4849.4
4088.1	57.5°	3952.2	3816.2	3948.7	4081.2	4206.2	4331.1	4440.3	4549.8	4655.8	4761.6
4033.9	60°	3857.8	3681.3	3797.7	3913.7	4057.2	4200.7	4311.6	4422.8	4529.2	4635.6
3970.7	62.5°	3750.3	3530.3	3604.1	3677.9	3845.1	4012.6	4131.0	4249.4	4346.9	4444.4
3837.5	65°	3603.4	3369.0	3397.5	3425.6	3604.8	3784.3	3897.6	4010.9	4096.7	4182.5
3600.0	67.5°	3405.0	3210.1	3201.1	3192.2	3357.7	3523.5	3630.9	3738.0	3812.1	3886.3
3298.6	70°	3160.0	3021.3	2990.4	2959.5	3105.0	3250.6	3343.2	3435.9	3502.9	3569.8
2962.9	72.5°	2867.8	2772.8	2727.5	2682.5	2797.1	2911.4	2995.2	3078.9	3144.5	3210.1
2581.9	75°	2508.8	2435.4	2392.1	2348.5	2433.6	2518.8	2594.6	2670.5	2730.2	2789.9
2200.2	77.5°	2141.5	2082.8	2038.9	1995.0	2064.3	2133.3	2198.5	2263.7	2326.5	2389.0
1765.0	80°	1715.9	1666.5	1629.7	1592.7	1650.3	1707.7	1762.6	1817.5	1865.2	1912.6
1298.2	82.5°	1274.1	1250.1	1224.0	1197.9	1193.1	1188.3	1169.1	1149.9	1251.5	1353.1
854.7	85°	828.9	803.2	774.0	744.9	720.1	695.1	641.9	588.7	683.8	779.2
377.6	87.5°	367.3	357.0	351.5	346.0	345.0	343.9	303.4	262.6	302.4	342.6
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°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
8280.9	2.5°	8248.3	8222.9	8197.5	8174.1	8150.5	8121.3	8150.5	8174.1	8197.5	8222.9
7791.4	5°	7746.4	7714.5	7682.6	7658.2	7633.9	7609.8	7633.9	7658.2	7682.6	7714.5
7497.9	7.5°	7444.4	7407.7	7371.3	7349.3	7327.7	7311.2	7327.7	7349.3	7371.3	7407.7
7413.5	10°	7353.1	7318.4	7283.7	7265.2	7246.7	7239.1	7246.7	7265.2	7283.7	7318.4
7565.2	12.5°	7488.0	7449.2	7410.7	7395.0	7379.2	7376.4	7379.2	7395.0	7410.7	7449.2
7884.4	15°	7767.0	7713.2	7659.6	7639.0	7618.4	7616.7	7618.4	7639.0	7659.6	7713.2
8208.5	17.5°	8035.5	7955.8	7875.9	7849.8	7823.3	7819.2	7823.3	7849.8	7875.9	7955.8
8410.3	20°	8198.5	8096.6	7994.3	7961.7	7929.1	7918.8	7929.1	7961.7	7994.3	8096.6
8423.0	22.5°	8204.3	8096.9	7989.1	7953.1	7917.0	7901.6	7917.0	7953.1	7989.1	8096.9
8231.8	25°	8038.2	7944.8	7851.8	7817.8	7784.2	7764.3	7784.2	7817.8	7851.8	7944.8
7863.5	27.5°	7712.8	7650.3	7587.5	7572.1	7556.6	7551.5	7556.6	7572.1	7587.5	7650.3
7420.4	30°	7311.9	7280.0	7247.7	7247.7	7247.7	7252.9	7247.7	7247.7	7247.7	7280.0
6995.8	32.5°	6909.6	6888.7	6867.7	6870.5	6873.6	6878.7	6873.6	6870.5	6867.7	6888.7
6633.6	35°	6554.3	6522.4	6490.8	6484.0	6477.1	6473.7	6477.1	6484.0	6490.8	6522.4
6325.7	37.5°	6252.3	6194.3	6136.6	6106.1	6075.5	6058.3	6075.5	6106.1	6136.6	6194.3
6037.4	40°	5975.3	5890.8	5807.1	5750.1	5693.8	5660.2	5693.8	5750.1	5807.1	5890.8
5746.7	42.5°	5694.5	5589.8	5485.1	5402.4	5319.7	5265.4	5319.7	5402.4	5485.1	5589.8
5465.2	45°	5418.2	5298.4	5178.9	5081.8	4984.7	4922.2	4984.7	5081.8	5178.9	5298.4
5232.5	47.5°	5199.5	5093.1	4986.7	4896.8	4807.2	4747.1	4807.2	4896.8	4986.7	5093.1
5070.5	50°	5069.1	4984.0	4898.9	4815.8	4732.7	4675.1	4732.7	4815.8	4898.9	4984.0
4963.4	52.5°	4981.2	4911.9	4842.6	4768.1	4693.9	4640.7	4693.9	4768.1	4842.6	4911.9
4874.1	55°	4898.9	4838.4	4778.0	4712.8	4647.6	4599.5	4647.6	4712.8	4778.0	4838.4
4786.6	57.5°	4811.7	4750.6	4689.5	4624.9	4560.1	4510.3	4560.1	4624.9	4689.5	4750.6
4663.0	60°	4690.5	4630.8	4571.4	4504.8	4438.2	4386.7	4438.2	4504.8	4571.4	4630.8
4470.8	62.5°	4497.3	4443.4	4389.5	4319.4	4249.4	4187.6	4249.4	4319.4	4389.5	4443.4
4209.6	65°	4236.4	4184.6	4132.7	4064.8	3997.1	3943.9	3997.1	4064.8	4132.7	4184.6
3912.7	67.5°	3938.8	3891.1	3843.7	3780.5	3717.4	3669.3	3717.4	3780.5	3843.7	3891.1
3595.2	70°	3620.6	3581.8	3543.0	3482.6	3422.2	3367.3	3422.2	3482.6	3543.0	3581.8
3240.3	72.5°	3270.5	3238.2	3205.9	3148.3	3091.0	3037.8	3091.0	3148.3	3205.9	3238.2
2821.5	75°	2853.1	2837.3	2821.5	2773.1	2724.7	2673.9	2724.7	2773.1	2821.5	2837.3
2418.5	77.5°	2448.1	2426.1	2403.4	2354.7	2305.9	2265.4	2305.9	2354.7	2403.4	2426.1
1951.7	80°	1990.8	1981.2	1972.0	1906.4	1840.5	1764.3	1840.5	1906.4	1972.0	1981.2
1419.7	82.5°	1486.3	1482.1	1477.7	1422.4	1366.8	1318.1	1366.8	1422.4	1477.7	1482.1
861.6	85°	943.9	937.1	930.2	887.0	843.7	799.8	843.7	887.0	930.2	937.1
375.9	87.5°	409.2	400.9	392.0	370.0	347.4	326.1	347.4	370.0	392.0	400.9
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
8248.3	2.5°	8280.9	8313.5	8354.0	8394.2	8446.0	8498.2	8550.0	8601.8	8660.9	8720.2
7746.4	5°	7791.4	7836.4	7900.9	7965.1	8048.8	8132.3	8224.2	8316.2	8420.2	8524.6
7444.4	7.5°	7497.9	7551.5	7627.7	7704.2	7806.2	7908.5	8024.5	8140.2	8277.5	8414.8
7353.1	10°	7413.5	7473.2	7564.9	7656.2	7771.2	7886.1	8011.1	8135.7	8273.0	8410.3
7488.0	12.5°	7565.2	7642.4	7759.1	7875.9	7994.6	8113.7	8211.2	8309.4	8400.0	8491.3
7767.0	15°	7884.4	8001.8	8168.0	8334.1	8437.4	8540.7	8566.1	8591.5	8579.2	8566.8
8035.5	17.5°	8208.5	8381.5	8601.5	8821.5	8904.6	8988.0	8908.7	8829.1	8679.4	8529.7
8198.5	20°	8410.3	8622.4	8873.7	9125.3	9164.1	9202.5	9036.0	8869.6	8609.4	8349.5
8204.3	22.5°	8423.0	8641.3	8881.6	9121.8	9098.8	9075.5	8858.9	8642.3	8345.1	8048.5
8038.2	25°	8231.8	8426.1	8622.8	8819.8	8740.5	8660.9	8447.7	8234.5	7967.5	7700.8
7712.8	27.5°	7863.5	8014.2	8154.2	8294.6	8205.7	8117.2	7946.2	7775.3	7556.3	7337.0
7311.9	30°	7420.4	7528.1	7635.2	7742.0	7669.9	7597.8	7455.7	7314.0	7132.0	6950.1
6909.6	32.5°	6995.8	7081.9	7180.4	7278.6	7198.3	7118.3	6982.0	6846.1	6700.6	6555.4
6554.3	35°	6633.6	6713.3	6782.9	6853.0	6756.9	6660.7	6525.9	6391.3	6280.8	6169.9
6252.3	37.5°	6325.7	6398.9	6431.1	6463.4	6344.6	6225.9	6091.3	5957.1	5877.8	5798.2
5975.3	40°	6037.4	6099.5	6092.0	6084.1	5947.1	5810.5	5680.8	5551.0	5493.7	5436.4
5694.5	42.5°	5746.7	5799.2	5759.7	5720.2	5572.6	5425.1	5301.8	5178.9	5131.9	5085.2
5418.2	45°	5465.2	5512.6	5455.9	5399.3	5246.2	5093.1	4976.4	4859.7	4819.9	4780.8
5199.5	47.5°	5232.5	5265.4	5200.2	5135.0	4984.0	4832.9	4719.0	4604.7	4568.0	4530.9
5069.1	50°	5070.5	5072.5	4988.8	4905.0	4769.8	4634.5	4527.1	4419.3	4361.3	4303.7
4981.2	52.5°	4963.4	4945.5	4846.3	4747.1	4620.8	4494.8	4396.3	4297.5	4211.0	4124.1
4898.9	55°	4874.1	4849.4	4744.0	4639.0	4528.8	4418.3	4311.9	4205.5	4082.6	3959.4
4811.7	57.5°	4786.6	4761.6	4655.8	4549.8	4440.3	4331.1	4206.2	4081.2	3948.7	3816.2
4690.5	60°	4663.0	4635.6	4529.2	4422.8	4311.6	4200.7	4057.2	3913.7	3797.7	3681.3
4497.3	62.5°	4470.8	4444.4	4346.9	4249.4	4131.0	4012.6	3845.1	3677.9	3604.1	3530.3
4236.4	65°	4209.6	4182.5	4096.7	4010.9	3897.6	3784.3	3604.8	3425.6	3397.5	3369.0
3938.8	67.5°	3912.7	3886.3	3812.1	3738.0	3630.9	3523.5	3357.7	3192.2	3201.1	3210.1
3620.6	70°	3595.2	3569.8	3502.9	3435.9	3343.2	3250.6	3105.0	2959.5	2990.4	3021.3
3270.5	72.5°	3240.3	3210.1	3144.5	3078.9	2995.2	2911.4	2797.1	2682.5	2727.5	2772.8
2853.1	75°	2821.5	2789.9	2730.2	2670.5	2594.6	2518.8	2433.6	2348.5	2392.1	2435.4
2448.1	77.5°	2418.5	2389.0	2326.5	2263.7	2198.5	2133.3	2064.3	1995.0	2038.9	2082.8
1990.8	80°	1951.7	1912.6	1865.2	1817.5	1762.6	1707.7	1650.3	1592.7	1629.7	1666.5
1486.3	82.5°	1419.7	1353.1	1251.5	1149.9	1169.1	1188.3	1193.1	1197.9	1224.0	1250.1
943.9	85°	861.6	779.2	683.8	588.7	641.9	695.1	720.1	744.9	774.0	803.2
409.2	87.5°	375.9	342.6	302.4	262.6	303.4	343.9	345.0	346.0	351.5	357.0
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
8785.8	2.5°	8851.7	8933.1	9006.2	9081.7	9157.2	9236.1	9315.1	9393.4	9472.0	9545.8
8649.2	5°	8773.4	8915.9	9060.1	9212.8	9365.6	9528.9	9692.7	9855.0	10017.7	10180.8
8579.9	7.5°	8745.3	8929.6	9126.3	9339.5	9552.6	9794.6	10036.6	10285.1	10533.6	10802.4
8584.7	10°	8759.0	8957.1	9199.8	9452.4	9704.3	9998.5	10292.3	10620.5	10949.0	11289.1
8633.4	12.5°	8776.2	8960.5	9215.6	9500.8	9786.0	10132.7	10479.4	10851.5	11223.6	11597.0
8634.8	15°	8703.1	8850.7	9133.2	9463.4	9793.6	10192.8	10592.0	10995.6	11399.3	11788.9
8505.0	17.5°	8480.0	8570.9	8903.2	9300.3	9697.5	10160.9	10624.2	11064.6	11505.0	11900.1
8232.8	20°	8116.1	8140.2	8527.0	9019.2	9511.4	10073.0	10634.5	11118.5	11602.5	12013.4
7875.9	22.5°	7703.2	7656.2	8096.6	8689.4	9282.1	9965.2	10648.3	11191.3	11734.0	12153.8
7501.7	25°	7302.6	7175.6	7627.0	8321.0	9015.4	9858.8	10702.5	11323.1	11943.4	12354.2
7144.7	27.5°	6952.5	6798.0	7208.9	7984.3	8759.7	9787.7	10815.8	11529.1	12242.0	12634.3
6797.0	30°	6644.6	6523.5	6868.4	7702.9	8537.3	9754.5	10970.9	11795.8	12620.6	12999.2
6465.1	32.5°	6374.8	6320.9	6599.0	7460.2	8321.0	9713.3	11104.8	12074.1	13043.5	13418.3
6144.8	35°	6120.1	6142.4	6374.1	7221.6	8069.1	9635.7	11203.0	12391.3	13579.6	13939.0
5825.6	37.5°	5853.1	5934.8	6137.3	6940.8	7744.4	9502.9	11261.3	12746.6	14231.8	14689.7
5498.5	40°	5560.6	5685.9	5869.6	6605.8	7342.1	9319.9	11298.0	13197.6	15096.8	15764.1
5167.6	42.5°	5250.0	5407.9	5577.1	6236.2	6895.2	9131.1	11367.7	13787.6	16207.5	17170.7
4860.8	45°	4941.1	5093.8	5265.4	5843.5	6421.5	8955.7	11490.3	14564.1	17637.9	18937.1
4598.2	47.5°	4665.4	4796.9	5018.3	5532.8	6047.4	8810.9	11574.4	15391.3	19208.2	21037.1
4363.0	50°	4422.8	4575.5	4866.6	5326.5	5786.5	8653.0	11519.4	16158.8	20798.2	23555.1
4182.8	52.5°	4241.9	4455.4	4790.0	5190.6	5591.5	8386.3	11181.3	16657.2	22132.7	26200.2
4052.4	55°	4145.8	4467.4	4778.7	5092.1	5405.5	7944.2	10482.8	16547.4	22611.5	28545.3
3952.2	57.5°	4088.1	4479.4	4754.0	4975.4	5196.8	7320.8	9444.5	15774.4	22104.6	30207.3
3857.8	60°	4033.9	4441.6	4622.9	4796.9	4970.9	6511.4	8051.9	14335.8	20619.7	30622.6
3750.3	62.5°	3970.7	4349.0	4371.3	4486.6	4602.3	5542.8	6483.3	12390.6	18297.9	28873.8
3603.4	65°	3837.5	4125.9	4123.1	4177.7	4232.3	4671.3	5110.3	10405.9	15701.9	26399.3
3405.0	67.5°	3600.0	3762.0	3769.6	3739.4	3708.8	3833.7	3958.3	8461.8	12965.2	23454.6
3160.0	70°	3298.6	3351.8	3351.8	3210.8	3069.3	3034.0	2998.3	6662.5	10326.7	20241.4
2867.8	72.5°	2962.9	2962.2	2928.6	2728.5	2528.0	2420.2	2312.8	5093.5	7874.1	16758.1
2508.8	75°	2581.9	2595.0	2439.8	2215.3	1990.8	1893.4	1795.9	3696.8	5597.7	12765.1
2141.5	77.5°	2200.2	2207.1	1951.4	1733.4	1515.4	1448.9	1382.6	2505.0	3627.5	8934.4
1715.9	80°	1765.0	1766.0	1460.5	1276.2	1091.5	1064.1	1036.6	1614.0	2191.6	5756.3
1274.1	82.5°	1298.2	1283.8	1022.9	887.0	751.0	745.5	740.7	992.7	1245.3	3331.6
828.9	85°	854.7	835.8	641.9	542.3	442.8	445.5	447.9	530.7	613.7	1498.6
367.3	87.5°	377.6	353.5	272.9	232.0	191.5	193.9	196.3	220.0	243.7	490.8
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
9619.6	2.5°	9655.9	9692.7	9744.5	9796.3	9827.2	9858.1	9873.6	9889.0	9882.1	9889.0
10343.8	5°	10471.2	10598.8	10725.2	10851.8	10920.5	10989.1	11030.7	11072.5	11104.1	11072.5
11071.5	7.5°	11278.8	11485.8	11672.2	11858.6	11970.8	12083.1	12143.8	12204.2	12233.4	12204.2
11629.3	10°	11874.4	12119.4	12338.1	12556.7	12689.2	12821.0	12880.1	12938.8	12961.1	12938.8
11970.8	12.5°	12236.5	12501.8	12699.5	12896.6	12992.7	13088.8	13121.0	13153.3	13156.7	13153.3
12178.5	15°	12407.8	12636.7	12760.6	12884.9	12888.3	12891.8	12857.4	12823.1	12782.6	12823.1
12295.2	17.5°	12450.0	12604.8	12607.2	12609.3	12470.2	12331.2	12203.9	12076.2	11986.3	12076.2
12423.9	20°	12477.8	12532.0	12369.0	12205.9	11899.1	11592.2	11368.8	11145.3	11008.0	11145.3
12573.2	22.5°	12502.5	12431.8	12094.0	11756.3	11304.9	10853.5	10574.1	10294.7	10143.0	10294.7
12765.4	25°	12542.3	12319.2	11806.4	11293.6	10745.4	10197.2	9903.4	9610.3	9466.8	9610.3
13026.3	27.5°	12627.4	12228.3	11549.0	10870.0	10262.5	9654.9	9365.9	9077.2	8941.6	9077.2
13378.1	30°	12783.3	12188.8	11352.6	10516.5	9883.5	9250.6	8982.5	8714.4	8588.1	8714.4
13793.5	32.5°	12978.9	12164.7	11218.8	10272.8	9677.9	9083.1	8872.6	8661.9	8570.9	8661.9
14298.0	35°	13301.2	12304.8	11319.0	10333.5	9920.2	9507.3	9458.2	9409.1	9401.6	9409.1
15147.6	37.5°	13975.0	12802.5	11906.6	11010.7	10984.0	10957.2	11181.7	11406.2	11522.9	11406.2
16431.3	40°	15156.2	13881.0	13214.7	12548.5	13018.8	13489.0	14034.8	14580.5	14852.4	14580.5
18133.9	42.5°	16868.6	15603.4	15219.7	14835.9	15861.5	16887.2	17879.8	18872.5	19455.4	18872.5
20236.3	45°	19099.8	17962.9	17793.7	17624.1	19267.3	20910.7	22541.9	24173.3	25163.6	24173.3
22865.5	47.5°	21759.9	20654.0	20619.7	20585.3	22955.8	25325.6	27713.6	30101.2	31503.4	30101.2
26311.8	50°	24946.0	23580.5	23586.4	23592.2	26647.1	29702.0	32854.1	36006.1	37911.9	36006.1
30267.7	52.5°	28613.9	26960.5	26793.3	26625.8	30274.9	33924.0	37824.0	41723.6	44008.0	41723.6
34479.4	55°	32845.5	31211.6	30559.8	29908.0	33969.3	38030.3	42679.6	47328.9	50045.7	47328.9
38310.0	57.5°	37420.3	36530.3	35222.9	33915.8	38016.6	42117.4	47383.5	52649.3	56018.3	52649.3
40625.3	60°	42007.2	43389.4	41765.9	40142.3	44023.1	47903.9	53542.1	59180.3	62821.5	59180.3
39449.6	62.5°	43225.7	47001.8	46818.8	46635.5	50190.6	53746.0	59110.2	64474.2	67839.8	64474.2
37096.7	65°	40640.7	44184.7	44886.0	45586.9	50104.8	54623.0	59824.6	65025.8	67891.2	65025.8
33943.9	67.5°	37314.6	40685.3	41014.2	41342.6	46050.0	50756.9	55980.8	61204.8	63449.6	61204.8
30156.2	70°	33822.4	37489.0	37635.9	37783.1	41992.8	46202.0	50697.6	55192.7	56440.5	55192.7
25642.4	72.5°	29849.6	34057.2	34162.9	34268.3	37561.8	40855.2	44222.2	47588.7	47715.1	47588.7
19932.5	75°	24286.9	28641.4	29032.4	29423.3	31985.7	34548.0	36918.2	39288.3	38653.3	39288.3
14241.4	77.5°	18306.2	22371.3	22930.8	23490.3	25438.2	27386.1	29067.0	30748.3	29656.7	30748.3
9320.9	80°	12740.7	16160.2	16855.6	17551.0	19022.2	20492.7	21375.5	22258.0	20502.3	22258.0
5418.2	82.5°	7756.1	10094.3	10871.0	11648.2	12660.7	13673.3	14041.6	14409.6	13029.7	14409.6
2383.9	85°	3624.7	4865.6	5526.3	6187.1	7019.1	7850.8	8059.8	8268.9	7163.6	8268.9
738.0	87.5°	1155.0	1572.1	1940.7	2309.4	2725.4	3141.4	3159.3	3176.8	2667.0	3176.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
8945.1	0°	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1	8945.1
9873.6	2.5°	9858.1	9827.2	9796.3	9744.5	9692.7	9655.9	9619.6
11030.7	5°	10989.1	10920.5	10851.8	10725.2	10598.8	10471.2	10343.8
12143.8	7.5°	12083.1	11970.8	11858.6	11672.2	11485.8	11278.8	11071.5
12880.1	10°	12821.0	12689.2	12556.7	12338.1	12119.4	11874.4	11629.3
13121.0	12.5°	13088.8	12992.7	12896.6	12699.5	12501.8	12236.5	11970.8
12857.4	15°	12891.8	12888.3	12884.9	12760.6	12636.7	12407.8	12178.5
12203.9	17.5°	12331.2	12470.2	12609.3	12607.2	12604.8	12450.0	12295.2
11368.8	20°	11592.2	11899.1	12205.9	12369.0	12532.0	12477.8	12423.9
10574.1	22.5°	10853.5	11304.9	11756.3	12094.0	12431.8	12502.5	12573.2
9903.4	25°	10197.2	10745.4	11293.6	11806.4	12319.2	12542.3	12765.4
9365.9	27.5°	9654.9	10262.5	10870.0	11549.0	12228.3	12627.4	13026.3
8982.5	30°	9250.6	9883.5	10516.5	11352.6	12188.8	12783.3	13378.1
8872.6	32.5°	9083.1	9677.9	10272.8	11218.8	12164.7	12978.9	13793.5
9458.2	35°	9507.3	9920.2	10333.5	11319.0	12304.8	13301.2	14298.0
11181.7	37.5°	10957.2	10984.0	11010.7	11906.6	12802.5	13975.0	15147.6
14034.8	40°	13489.0	13018.8	12548.5	13214.7	13881.0	15156.2	16431.3
17879.8	42.5°	16887.2	15861.5	14835.9	15219.7	15603.4	16868.6	18133.9
22541.9	45°	20910.7	19267.3	17624.1	17793.7	17962.9	19099.8	20236.3
27713.6	47.5°	25325.6	22955.8	20585.3	20619.7	20654.0	21759.9	22865.5
32854.1	50°	29702.0	26647.1	23592.2	23586.4	23580.5	24946.0	26311.8
37824.0	52.5°	33924.0	30274.9	26625.8	26793.3	26960.5	28613.9	30267.7
42679.6	55°	38030.3	33969.3	29908.0	30559.8	31211.6	32845.5	34479.4
47383.5	57.5°	42117.4	38016.6	33915.8	35222.9	36530.3	37420.3	38310.0
53542.1	60°	47903.9	44023.1	40142.3	41765.9	43389.4	42007.2	40625.3
59110.2	62.5°	53746.0	50190.6	46635.5	46818.8	47001.8	43225.7	39449.6
59824.6	65°	54623.0	50104.8	45586.9	44886.0	44184.7	40640.7	37096.7
55980.8	67.5°	50756.9	46050.0	41342.6	41014.2	40685.3	37314.6	33943.9
50697.6	70°	46202.0	41992.8	37783.1	37635.9	37489.0	33822.4	30156.2
44222.2	72.5°	40855.2	37561.8	34268.3	34162.9	34057.2	29849.6	25642.4
36918.2	75°	34548.0	31985.7	29423.3	29032.4	28641.4	24286.9	19932.5
29067.0	77.5°	27386.1	25438.2	23490.3	22930.8	22371.3	18306.2	14241.4
21375.5	80°	20492.7	19022.2	17551.0	16855.6	16160.2	12740.7	9320.9
14041.6	82.5°	13673.3	12660.7	11648.2	10871.0	10094.3	7756.1	5418.2
8059.8	85°	7850.8	7019.1	6187.1	5526.3	4865.6	3624.7	2383.9
3159.3	87.5°	3141.4	2725.4	2309.4	1940.7	1572.1	1155.0	738.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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