

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: P954374

Luminaire Tested: **GALN-SB7C-927-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954374
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-SB7C-927-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 32303 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

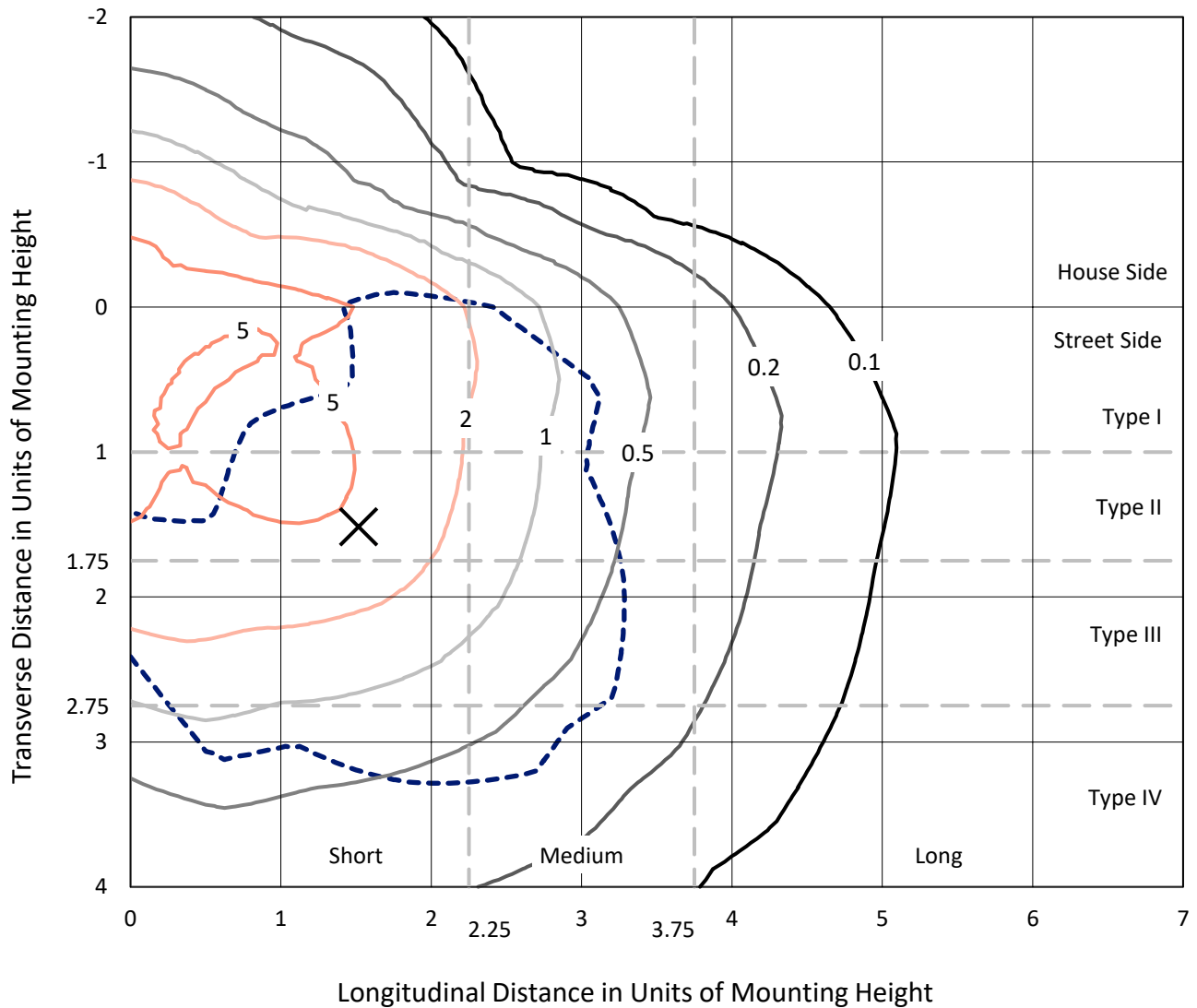
Input Watts (W): 350.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

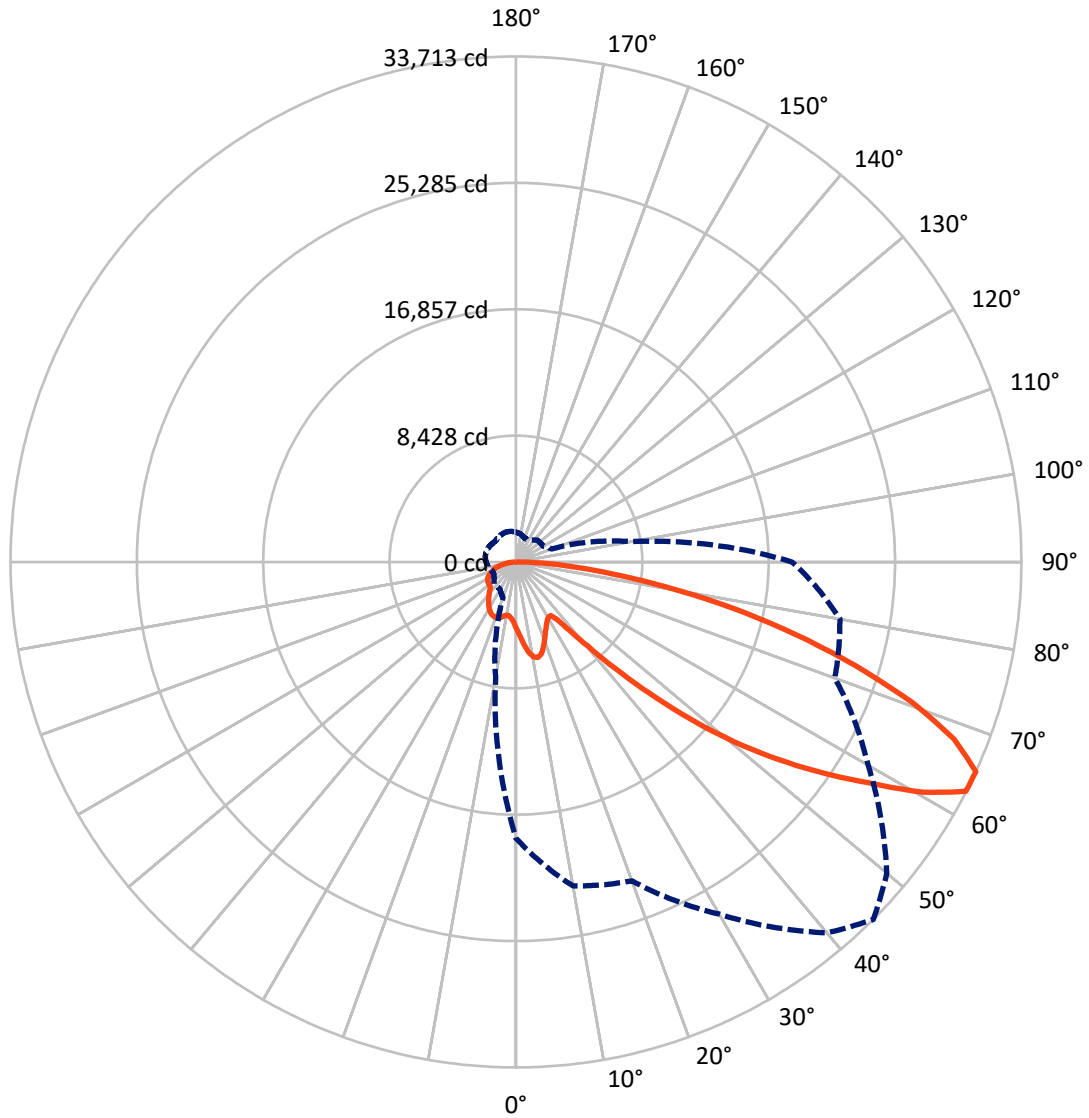
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 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	8209.8	0.0	8209.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	24093.2	0.0	24093.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	32303.0	0.0	32303.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	440.6	1.4
10°-20°	1383.3	4.3
20°-30°	2136.6	6.6
30°-40°	2707.7	8.4
40°-50°	4083.8	12.6
50°-60°	6598.0	20.4
60°-70°	8225.5	25.5
70°-80°	5393.9	16.7
80°-90°	1333.5	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°	32303.0	100.0
0°-180°	32303.0	100.0

Coefficient of Utilization



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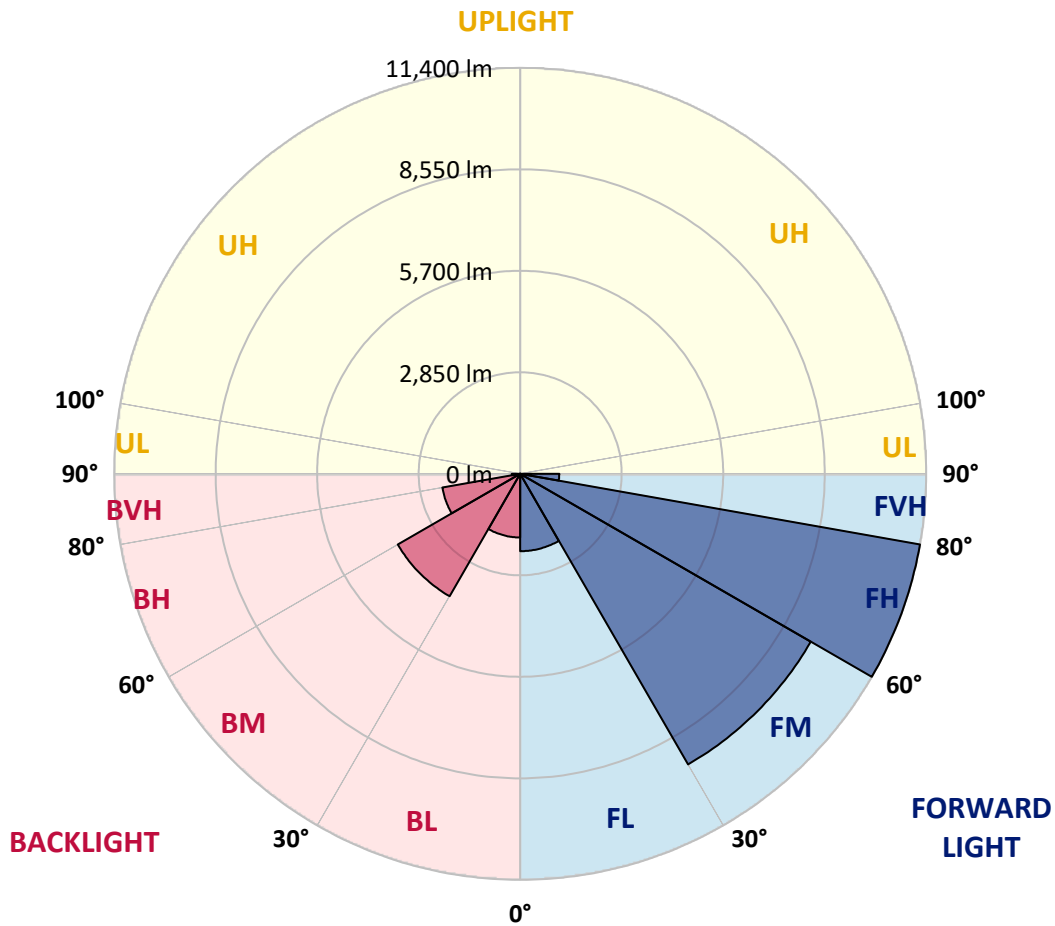
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2172.7	6.7			
FM (30°-60°)	9422.1	29.2			
FH (60°-80°)	11399.9	35.3			G4/12000
FVH (80°-90°)	1098.5	3.4			G5
BL (0°-30°)	1787.8	5.5	B3/2500		
BM (30°-60°)	3967.5	12.3	B3/5000		
BH (60°-80°)	2219.5	6.9	B3/2500		G3/2500
BVH (80°-90°)	235.0	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
2.5°	4776.9	4794.9	4813.2	4838.9	4864.7	4880.0	4895.3	4903.0	4910.7	4907.3
5°	5136.5	5199.8	5263.2	5325.9	5388.8	5422.9	5457.0	5477.6	5498.4	5514.1
7.5°	5497.9	5600.8	5703.6	5796.2	5888.7	5944.5	6000.2	6030.4	6060.4	6074.9
10°	5774.9	5896.6	6018.3	6126.8	6235.4	6301.2	6366.7	6396.0	6425.1	6436.2
12.5°	5944.5	6076.4	6208.1	6306.3	6404.2	6451.9	6499.6	6515.6	6531.7	6533.4
15°	6047.6	6161.4	6275.1	6336.7	6398.4	6400.1	6401.8	6384.7	6367.7	6347.6
17.5°	6105.5	6182.4	6259.3	6260.5	6261.5	6192.5	6123.4	6060.2	5996.8	5952.1
20°	6169.5	6196.2	6223.1	6142.2	6061.2	5908.8	5756.5	5645.5	5534.5	5466.3
22.5°	6243.6	6208.5	6173.4	6005.7	5837.9	5613.8	5389.6	5250.9	5112.2	5036.8
25°	6339.1	6228.3	6117.5	5862.8	5608.2	5336.0	5063.7	4917.8	4772.3	4701.0
27.5°	6468.6	6270.5	6072.3	5735.0	5397.8	5096.1	4794.4	4650.9	4507.6	4440.2
30°	6643.3	6347.9	6052.7	5637.5	5222.3	4908.0	4593.6	4460.5	4327.4	4264.7
32.5°	6849.6	6445.1	6040.8	5571.0	5101.2	4805.9	4510.5	4406.0	4301.3	4256.1
35°	7100.1	6605.1	6110.3	5620.8	5131.4	4926.2	4721.1	4696.8	4672.4	4668.6
37.5°	7522.0	6939.7	6357.5	5912.6	5467.7	5454.4	5441.1	5552.6	5664.1	5722.0
40°	8159.5	7526.2	6893.0	6562.2	6231.3	6464.8	6698.4	6969.4	7240.4	7375.4
42.5°	9004.9	8376.6	7748.3	7557.8	7367.2	7876.5	8385.8	8878.8	9371.7	9661.1
45°	10048.9	9484.5	8920.0	8836.0	8751.8	9567.7	10383.8	11193.8	12004.0	12495.7
47.5°	11354.6	10805.5	10256.3	10239.3	10222.3	11399.4	12576.2	13762.0	14947.7	15643.9
50°	13065.9	12387.7	11709.6	11712.5	11715.4	13232.4	14749.4	16314.7	17879.9	18826.3
52.5°	15030.3	14209.1	13388.0	13305.0	13221.8	15033.9	16846.0	18782.6	20719.1	21853.5
55°	17121.8	16310.4	15499.1	15175.4	14851.7	16868.5	18885.1	21193.8	23502.6	24851.7
57.5°	19024.0	18582.2	18140.2	17491.0	16841.9	18878.2	20914.6	23529.7	26144.6	27817.5
60°	20173.7	20859.9	21546.3	20740.1	19933.8	21861.0	23788.1	26587.9	29387.7	31195.9
62.5°	19589.9	21465.0	23340.1	23249.3	23158.3	24923.6	26689.1	29352.9	32016.6	33687.8
65°	18421.4	20181.3	21941.2	22289.5	22637.5	24881.0	27124.6	29707.7	32290.5	33713.4
67.5°	16855.9	18529.7	20203.5	20366.8	20529.9	22867.5	25204.9	27798.9	30393.0	31507.8
70°	14974.9	16795.5	18616.3	18689.2	18762.3	20852.7	22943.0	25175.4	27407.6	28027.2
72.5°	12733.5	14822.7	16912.1	16964.6	17016.9	18652.4	20287.9	21959.8	23631.6	23694.3
75°	9898.1	12060.4	14222.7	14416.9	14611.0	15883.4	17155.8	18332.8	19509.8	19194.4
77.5°	7072.0	9090.5	11109.1	11386.9	11664.8	12632.1	13599.4	14434.1	15269.0	14726.9
80°	4628.6	6326.8	8024.8	8370.1	8715.5	9446.0	10176.2	10614.6	11052.9	10181.0
82.5°	2690.6	3851.5	5012.6	5398.3	5784.2	6287.1	6789.9	6972.8	7155.5	6470.3
85°	1183.8	1800.0	2416.1	2744.3	3072.4	3485.5	3898.5	4002.3	4106.2	3557.3
87.5°	366.5	573.6	780.7	963.7	1146.8	1353.4	1560.0	1568.8	1577.5	1324.4
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°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4910.7	2.5°	4903.0	4895.3	4880.0	4864.7	4838.9	4813.2	4794.9	4776.9	4740.2	4703.6
5498.4	5°	5477.6	5457.0	5422.9	5388.8	5325.9	5263.2	5199.8	5136.5	5055.6	4974.6
6060.4	7.5°	6030.4	6000.2	5944.5	5888.7	5796.2	5703.6	5600.8	5497.9	5364.2	5230.8
6425.1	10°	6396.0	6366.7	6301.2	6235.4	6126.8	6018.3	5896.6	5774.9	5605.9	5437.0
6531.7	12.5°	6515.6	6499.6	6451.9	6404.2	6306.3	6208.1	6076.4	5944.5	5758.8	5573.4
6367.7	15°	6384.7	6401.8	6400.1	6398.4	6336.7	6275.1	6161.4	6047.6	5854.1	5660.7
5996.8	17.5°	6060.2	6123.4	6192.5	6261.5	6260.5	6259.3	6182.4	6105.5	5909.3	5713.2
5534.5	20°	5645.5	5756.5	5908.8	6061.2	6142.2	6223.1	6196.2	6169.5	5965.6	5761.6
5112.2	22.5°	5250.9	5389.6	5613.8	5837.9	6005.7	6173.4	6208.5	6243.6	6035.3	5826.9
4772.3	25°	4917.8	5063.7	5336.0	5608.2	5862.8	6117.5	6228.3	6339.1	6134.9	5930.8
4507.6	27.5°	4650.9	4794.4	5096.1	5397.8	5735.0	6072.3	6270.5	6468.6	6273.9	6079.1
4327.4	30°	4460.5	4593.6	4908.0	5222.3	5637.5	6052.7	6347.9	6643.3	6455.1	6267.1
4301.3	32.5°	4406.0	4510.5	4805.9	5101.2	5571.0	6040.8	6445.1	6849.6	6663.3	6477.1
4672.4	35°	4696.8	4721.1	4926.2	5131.4	5620.8	6110.3	6605.1	7100.1	6921.8	6743.4
5664.1	37.5°	5552.6	5441.1	5454.4	5467.7	5912.6	6357.5	6939.7	7522.0	7294.6	7067.2
7240.4	40°	6969.4	6698.4	6464.8	6231.3	6562.2	6893.0	7526.2	8159.5	7828.1	7496.8
9371.7	42.5°	8878.8	8385.8	7876.5	7367.2	7557.8	7748.3	8376.6	9004.9	8526.6	8048.3
12004.0	45°	11193.8	10383.8	9567.7	8751.8	8836.0	8920.0	9484.5	10048.9	9403.8	8758.6
14947.7	47.5°	13762.0	12576.2	11399.4	10222.3	10239.3	10256.3	10805.5	11354.6	10446.6	9538.4
17879.9	50°	16314.7	14749.4	13232.4	11715.4	11712.5	11709.6	12387.7	13065.9	11697.0	10327.9
20719.1	52.5°	18782.6	16846.0	15033.9	13221.8	13305.0	13388.0	14209.1	15030.3	13010.5	10990.6
23502.6	55°	21193.8	18885.1	16868.5	14851.7	15175.4	15499.1	16310.4	17121.8	14175.0	11228.4
26144.6	57.5°	23529.7	20914.6	18878.2	16841.9	17491.0	18140.2	18582.2	19024.0	15000.3	10976.7
29387.7	60°	26587.9	23788.1	21861.0	19933.8	20740.1	21546.3	20859.9	20173.7	15206.6	10239.3
32016.6	62.5°	29352.9	26689.1	24923.6	23158.3	23249.3	23340.1	21465.0	19589.9	14338.1	9086.4
32290.5	65°	29707.7	27124.6	24881.0	22637.5	22289.5	21941.2	20181.3	18421.4	13109.3	7797.3
30393.0	67.5°	27798.9	25204.9	22867.5	20529.9	20366.8	20203.5	18529.7	16855.9	11647.1	6438.3
27407.6	70°	25175.4	22943.0	20852.7	18762.3	18689.2	18616.3	16795.5	14974.9	10051.5	5128.0
23631.6	72.5°	21959.8	20287.9	18652.4	17016.9	16964.6	16912.1	14822.7	12733.5	8321.7	3910.1
19509.8	75°	18332.8	17155.8	15883.4	14611.0	14416.9	14222.7	12060.4	9898.1	6338.9	2779.7
15269.0	77.5°	14434.1	13599.4	12632.1	11664.8	11386.9	11109.1	9090.5	7072.0	4436.7	1801.3
11052.9	80°	10614.6	10176.2	9446.0	8715.5	8370.1	8024.8	6326.8	4628.6	2858.5	1088.3
7155.5	82.5°	6972.8	6789.9	6287.1	5784.2	5398.3	5012.6	3851.5	2690.6	1654.4	618.4
4106.2	85°	4002.3	3898.5	3485.5	3072.4	2744.3	2416.1	1800.0	1183.8	744.2	304.8
1577.5	87.5°	1568.8	1560.0	1353.4	1146.8	963.7	780.7	573.6	366.5	243.7	121.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4664.5	2.5°	4625.7	4586.5	4547.3	4509.8	4472.3	4436.0	4395.6	4362.9	4330.3	4300.8
4893.8	5°	4813.2	4731.9	4650.7	4574.9	4499.0	4427.5	4356.7	4295.0	4233.1	4181.3
5107.4	7.5°	4984.0	4863.8	4743.6	4637.8	4531.9	4434.3	4342.7	4260.6	4178.6	4110.4
5273.9	10°	5111.0	4965.1	4819.0	4693.9	4568.4	4447.9	4349.6	4263.0	4176.4	4108.2
5388.6	12.5°	5203.9	5031.7	4859.5	4717.9	4576.3	4449.6	4358.1	4287.2	4216.6	4171.3
5460.2	15°	5259.8	5061.5	4863.3	4699.3	4535.3	4395.1	4321.8	4287.9	4254.1	4260.2
5494.5	17.5°	5275.8	5045.7	4815.6	4618.4	4421.1	4256.1	4211.0	4223.4	4235.7	4310.0
5521.2	20°	5280.9	5002.0	4723.2	4478.8	4234.3	4042.2	4030.3	4088.3	4146.2	4275.2
5557.4	22.5°	5287.7	4948.5	4609.3	4315.0	4020.6	3801.9	3825.3	3911.0	3996.7	4144.0
5622.8	25°	5314.6	4895.7	4476.9	4132.1	3787.4	3563.3	3626.3	3725.2	3824.1	3956.5
5725.1	27.5°	5370.9	4860.4	4349.9	3964.8	3579.8	3375.8	3452.5	3547.9	3643.4	3752.3
5857.5	30°	5447.9	4843.9	4239.4	3825.1	3410.7	3239.4	3299.6	3375.3	3451.3	3541.6
5995.8	32.5°	5514.4	4823.4	4132.1	3704.6	3276.9	3138.8	3165.6	3210.4	3255.3	3327.4
6153.3	35°	5563.2	4784.9	4007.0	3586.1	3165.3	3050.2	3039.1	3051.4	3063.8	3118.9
6329.7	37.5°	5592.1	4718.9	3845.7	3446.7	3047.7	2947.1	2906.5	2892.9	2879.3	2918.8
6553.7	40°	5610.4	4628.1	3645.9	3280.3	2914.7	2823.5	2761.3	2730.4	2699.6	2728.1
6846.7	42.5°	5645.0	4534.3	3424.0	3096.7	2769.5	2685.4	2607.0	2566.1	2525.2	2548.4
7232.2	45°	5705.8	4447.2	3188.8	2901.7	2614.7	2529.5	2453.6	2413.7	2374.0	2393.5
7643.0	47.5°	5747.6	4375.3	3003.0	2747.5	2492.0	2382.0	2316.8	2283.4	2249.9	2268.4
8024.1	50°	5720.3	4296.9	2873.5	2645.1	2416.6	2272.1	2196.3	2166.6	2137.1	2165.7
8271.6	52.5°	5552.4	4164.4	2776.6	2577.6	2378.6	2212.4	2106.4	2077.1	2048.0	2091.1
8217.1	55°	5205.6	3944.9	2684.3	2528.6	2373.0	2218.4	2058.7	2012.3	1966.1	2027.3
7833.2	57.5°	4689.9	3635.4	2580.6	2470.7	2360.7	2224.4	2030.1	1962.6	1895.1	1960.9
7118.9	60°	3998.4	3233.4	2468.5	2382.0	2295.6	2205.6	2003.1	1915.7	1828.1	1885.9
6152.9	62.5°	3219.5	2752.4	2285.4	2228.0	2170.7	2159.6	1971.8	1862.3	1753.1	1789.7
5167.4	65°	2537.7	2319.7	2101.7	2074.6	2047.5	2048.8	1905.6	1789.4	1673.0	1687.1
4201.9	67.5°	1965.6	1903.8	1841.7	1856.9	1871.9	1868.1	1787.7	1690.9	1594.1	1589.6
3308.4	70°	1488.9	1506.6	1524.2	1594.4	1664.4	1664.4	1638.0	1569.2	1500.3	1485.0
2529.3	72.5°	1148.5	1201.8	1255.4	1354.9	1454.3	1471.0	1471.3	1424.1	1376.9	1354.4
1835.8	75°	891.8	940.2	988.6	1100.1	1211.6	1288.6	1282.1	1245.8	1209.3	1187.9
1243.9	77.5°	686.6	719.5	752.5	860.8	969.0	1096.0	1092.6	1063.4	1034.3	1012.5
801.5	80°	514.8	528.4	542.0	633.7	725.3	877.0	876.5	852.1	827.5	809.3
492.9	82.5°	367.8	370.2	372.9	440.4	507.9	637.5	644.6	632.7	620.8	607.8
263.5	85°	222.4	221.2	219.9	269.3	318.7	415.0	424.4	411.6	398.9	384.4
109.3	87.5°	97.5	96.3	95.1	115.2	135.5	175.6	187.5	182.4	177.3	174.5
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°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4271.5	2.5°	4245.8	4220.0	4194.1	4168.4	4148.4	4128.3	4112.1	4095.9	4083.3	4070.7
4129.7	5°	4084.0	4038.3	3996.9	3955.3	3923.4	3891.4	3869.1	3846.7	3830.9	3815.0
4042.2	7.5°	3984.8	3927.2	3876.4	3825.8	3787.8	3749.9	3723.3	3696.7	3678.5	3660.4
4040.0	10°	3978.1	3916.1	3859.0	3801.9	3756.6	3711.0	3681.4	3651.4	3634.2	3617.0
4126.3	12.5°	4077.5	4029.1	3970.0	3911.0	3853.0	3795.1	3756.7	3718.4	3699.1	3680.0
4266.4	15°	4253.8	4241.1	4189.8	4138.5	4056.0	3973.5	3915.2	3857.0	3830.2	3803.6
4384.3	17.5°	4423.9	4463.2	4421.8	4380.6	4271.3	4162.1	4076.2	3990.2	3950.7	3911.0
4404.4	20°	4487.1	4569.8	4550.7	4531.4	4406.5	4281.7	4176.4	4071.2	4020.6	3969.8
4291.6	22.5°	4399.2	4506.7	4518.3	4529.7	4410.4	4291.1	4182.7	4074.1	4020.8	3967.2
4089.1	25°	4195.0	4300.8	4340.4	4379.7	4281.9	4184.2	4087.7	3991.6	3945.2	3899.1
3861.0	27.5°	3945.9	4030.8	4074.8	4118.9	4049.2	3979.7	3904.9	3830.0	3799.0	3767.8
3632.0	30°	3702.4	3772.9	3808.7	3844.5	3791.5	3738.3	3684.8	3630.9	3615.1	3599.1
3399.6	32.5°	3467.1	3534.8	3574.5	3614.4	3565.7	3516.7	3474.0	3431.2	3420.8	3410.4
3173.8	35°	3240.6	3307.6	3355.3	3403.0	3368.3	3333.7	3294.1	3254.8	3238.9	3223.2
2958.2	37.5°	3024.8	3091.6	3150.6	3209.6	3193.6	3177.5	3141.2	3104.8	3076.0	3047.3
2756.5	40°	2821.0	2885.4	2953.2	3021.2	3025.2	3028.9	2998.1	2967.2	2925.3	2883.7
2571.8	42.5°	2632.8	2694.0	2767.3	2840.6	2860.2	2879.8	2853.7	2827.8	2775.8	2723.8
2413.2	45°	2471.2	2529.1	2605.2	2681.2	2709.3	2737.4	2713.9	2690.6	2631.1	2571.8
2286.6	47.5°	2343.4	2399.9	2474.9	2549.9	2582.3	2614.7	2598.3	2582.0	2529.1	2476.3
2194.6	50°	2248.1	2301.4	2368.6	2435.7	2477.3	2518.9	2517.9	2517.2	2474.9	2432.7
2134.0	52.5°	2183.1	2232.0	2294.6	2357.3	2406.6	2455.9	2464.7	2473.6	2439.1	2404.7
2088.4	55°	2141.2	2194.0	2248.9	2303.6	2355.8	2408.1	2420.4	2432.7	2402.7	2372.7
2026.7	57.5°	2088.7	2150.7	2204.9	2259.3	2312.0	2364.5	2376.9	2389.4	2359.0	2328.7
1943.5	60°	2014.7	2086.0	2141.0	2196.3	2249.1	2301.9	2315.6	2329.2	2299.5	2270.1
1826.4	62.5°	1909.4	1992.6	2051.4	2110.2	2158.6	2207.0	2220.1	2233.2	2206.5	2179.7
1701.1	65°	1790.1	1879.2	1935.5	1991.7	2034.3	2076.9	2090.4	2103.7	2078.0	2052.2
1585.2	67.5°	1667.3	1749.7	1803.0	1856.2	1893.0	1929.8	1943.0	1955.9	1932.2	1908.7
1469.6	70°	1541.9	1614.2	1660.2	1706.2	1739.4	1772.7	1785.3	1797.9	1778.7	1759.4
1332.1	72.5°	1389.0	1445.8	1487.4	1528.9	1561.5	1594.1	1609.1	1624.1	1608.0	1592.0
1166.2	75°	1208.5	1250.8	1288.4	1326.1	1355.8	1385.4	1401.1	1416.8	1408.9	1401.1
990.7	77.5°	1025.1	1059.4	1091.7	1124.1	1155.3	1186.3	1201.0	1215.7	1204.7	1193.5
790.9	80°	819.5	848.0	875.3	902.5	926.2	949.8	969.2	988.6	983.8	979.2
594.9	82.5°	592.5	590.1	580.6	571.0	621.5	671.9	705.0	738.1	736.0	733.8
369.9	85°	357.6	345.2	318.7	292.3	339.5	386.9	427.8	468.7	465.3	461.9
171.8	87.5°	171.3	170.8	150.7	130.4	150.2	170.1	186.6	203.2	199.1	194.7
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°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4059.1	2.5°	4047.3	4032.9	4047.3	4059.1	4070.7	4083.3	4095.9	4112.1	4128.3	4148.4
3802.9	5°	3790.8	3778.9	3790.8	3802.9	3815.0	3830.9	3846.7	3869.1	3891.4	3923.4
3649.5	7.5°	3638.8	3630.6	3638.8	3649.5	3660.4	3678.5	3696.7	3723.3	3749.9	3787.8
3607.8	10°	3598.6	3594.8	3598.6	3607.8	3617.0	3634.2	3651.4	3681.4	3711.0	3756.6
3672.2	12.5°	3664.3	3663.0	3664.3	3672.2	3680.0	3699.1	3718.4	3756.7	3795.1	3853.0
3793.4	15°	3783.1	3782.3	3783.1	3793.4	3803.6	3830.2	3857.0	3915.2	3973.5	4056.0
3898.0	17.5°	3884.9	3882.9	3884.9	3898.0	3911.0	3950.7	3990.2	4076.2	4162.1	4271.3
3953.6	20°	3937.4	3932.3	3937.4	3953.6	3969.8	4020.6	4071.2	4176.4	4281.7	4406.5
3949.3	22.5°	3931.4	3923.8	3931.4	3949.3	3967.2	4020.8	4074.1	4182.7	4291.1	4410.4
3882.2	25°	3865.5	3855.6	3865.5	3882.2	3899.1	3945.2	3991.6	4087.7	4184.2	4281.9
3760.1	27.5°	3752.5	3749.9	3752.5	3760.1	3767.8	3799.0	3830.0	3904.9	3979.7	4049.2
3599.1	30°	3599.1	3601.6	3599.1	3599.1	3599.1	3615.1	3630.9	3684.8	3738.3	3791.5
3411.7	32.5°	3413.3	3415.8	3413.3	3411.7	3410.4	3420.8	3431.2	3474.0	3516.7	3565.7
3219.8	35°	3216.4	3214.7	3216.4	3219.8	3223.2	3238.9	3254.8	3294.1	3333.7	3368.3
3032.1	37.5°	3017.0	3008.5	3017.0	3032.1	3047.3	3076.0	3104.8	3141.2	3177.5	3193.6
2855.4	40°	2827.4	2810.7	2827.4	2855.4	2883.7	2925.3	2967.2	2998.1	3028.9	3025.2
2682.7	42.5°	2641.6	2614.7	2641.6	2682.7	2723.8	2775.8	2827.8	2853.7	2879.8	2860.2
2523.5	45°	2475.3	2444.3	2475.3	2523.5	2571.8	2631.1	2690.6	2713.9	2737.4	2709.3
2431.6	47.5°	2387.2	2357.3	2387.2	2431.6	2476.3	2529.1	2582.0	2598.3	2614.7	2582.3
2391.4	50°	2350.2	2321.5	2350.2	2391.4	2432.7	2474.9	2517.2	2517.9	2518.9	2477.3
2367.7	52.5°	2330.9	2304.5	2330.9	2367.7	2404.7	2439.1	2473.6	2464.7	2455.9	2406.6
2340.3	55°	2307.9	2284.0	2307.9	2340.3	2372.7	2402.7	2432.7	2420.4	2408.1	2355.8
2296.7	57.5°	2264.4	2239.7	2264.4	2296.7	2328.7	2359.0	2389.4	2376.9	2364.5	2312.0
2237.0	60°	2203.9	2178.4	2203.9	2237.0	2270.1	2299.5	2329.2	2315.6	2301.9	2249.1
2144.9	62.5°	2110.2	2079.5	2110.2	2144.9	2179.7	2206.5	2233.2	2220.1	2207.0	2158.6
2018.5	65°	1984.9	1958.5	1984.9	2018.5	2052.2	2078.0	2103.7	2090.4	2076.9	2034.3
1877.3	67.5°	1846.0	1822.1	1846.0	1877.3	1908.7	1932.2	1955.9	1943.0	1929.8	1893.0
1729.4	70°	1699.4	1672.1	1699.4	1729.4	1759.4	1778.7	1797.9	1785.3	1772.7	1739.4
1563.4	72.5°	1534.9	1508.5	1534.9	1563.4	1592.0	1608.0	1624.1	1609.1	1594.1	1561.5
1377.1	75°	1353.0	1327.8	1353.0	1377.1	1401.1	1408.9	1416.8	1401.1	1385.4	1355.8
1169.3	77.5°	1145.1	1125.0	1145.1	1169.3	1193.5	1204.7	1215.7	1201.0	1186.3	1155.3
946.7	80°	914.0	876.1	914.0	946.7	979.2	983.8	988.6	969.2	949.8	926.2
706.3	82.5°	678.7	654.5	678.7	706.3	733.8	736.0	738.1	705.0	671.9	621.5
440.4	85°	419.0	397.1	419.0	440.4	461.9	465.3	468.7	427.8	386.9	339.5
183.7	87.5°	172.5	161.9	172.5	183.7	194.7	199.1	203.2	186.6	170.1	150.2
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4168.4	2.5°	4194.1	4220.0	4245.8	4271.5	4300.8	4330.3	4362.9	4395.6	4436.0	4472.3
3955.3	5°	3996.9	4038.3	4084.0	4129.7	4181.3	4233.1	4295.0	4356.7	4427.5	4499.0
3825.8	7.5°	3876.4	3927.2	3984.8	4042.2	4110.4	4178.6	4260.6	4342.7	4434.3	4531.9
3801.9	10°	3859.0	3916.1	3978.1	4040.0	4108.2	4176.4	4263.0	4349.6	4447.9	4568.4
3911.0	12.5°	3970.0	4029.1	4077.5	4126.3	4171.3	4216.6	4287.2	4358.1	4449.6	4576.3
4138.5	15°	4189.8	4241.1	4253.8	4266.4	4260.2	4254.1	4287.9	4321.8	4395.1	4535.3
4380.6	17.5°	4421.8	4463.2	4423.9	4384.3	4310.0	4235.7	4223.4	4211.0	4256.1	4421.1
4531.4	20°	4550.7	4569.8	4487.1	4404.4	4275.2	4146.2	4088.3	4030.3	4042.2	4234.3
4529.7	22.5°	4518.3	4506.7	4399.2	4291.6	4144.0	3996.7	3911.0	3825.3	3801.9	4020.6
4379.7	25°	4340.4	4300.8	4195.0	4089.1	3956.5	3824.1	3725.2	3626.3	3563.3	3787.4
4118.9	27.5°	4074.8	4030.8	3945.9	3861.0	3752.3	3643.4	3547.9	3452.5	3375.8	3579.8
3844.5	30°	3808.7	3772.9	3702.4	3632.0	3541.6	3451.3	3375.3	3299.6	3239.4	3410.7
3614.4	32.5°	3574.5	3534.8	3467.1	3399.6	3327.4	3255.3	3210.4	3165.6	3138.8	3276.9
3403.0	35°	3355.3	3307.6	3240.6	3173.8	3118.9	3063.8	3051.4	3039.1	3050.2	3165.3
3209.6	37.5°	3150.6	3091.6	3024.8	2958.2	2918.8	2879.3	2892.9	2906.5	2947.1	3047.7
3021.2	40°	2953.2	2885.4	2821.0	2756.5	2728.1	2699.6	2730.4	2761.3	2823.5	2914.7
2840.6	42.5°	2767.3	2694.0	2632.8	2571.8	2548.4	2525.2	2566.1	2607.0	2685.4	2769.5
2681.2	45°	2605.2	2529.1	2471.2	2413.2	2393.5	2374.0	2413.7	2453.6	2529.5	2614.7
2549.9	47.5°	2474.9	2399.9	2343.4	2286.6	2268.4	2249.9	2283.4	2316.8	2382.0	2492.0
2435.7	50°	2368.6	2301.4	2248.1	2194.6	2165.7	2137.1	2166.6	2196.3	2272.1	2416.6
2357.3	52.5°	2294.6	2232.0	2183.1	2134.0	2091.1	2048.0	2077.1	2106.4	2212.4	2378.6
2303.6	55°	2248.9	2194.0	2141.2	2088.4	2027.3	1966.1	2012.3	2058.7	2218.4	2373.0
2259.3	57.5°	2204.9	2150.7	2088.7	2026.7	1960.9	1895.1	1962.6	2030.1	2224.4	2360.7
2196.3	60°	2141.0	2086.0	2014.7	1943.5	1885.9	1828.1	1915.7	2003.1	2205.6	2295.6
2110.2	62.5°	2051.4	1992.6	1909.4	1826.4	1789.7	1753.1	1862.3	1971.8	2159.6	2170.7
1991.7	65°	1935.5	1879.2	1790.1	1701.1	1687.1	1673.0	1789.4	1905.6	2048.8	2047.5
1856.2	67.5°	1803.0	1749.7	1667.3	1585.2	1589.6	1594.1	1690.9	1787.7	1868.1	1871.9
1706.2	70°	1660.2	1614.2	1541.9	1469.6	1485.0	1500.3	1569.2	1638.0	1664.4	1664.4
1528.9	72.5°	1487.4	1445.8	1389.0	1332.1	1354.4	1376.9	1424.1	1471.3	1471.0	1454.3
1326.1	75°	1288.4	1250.8	1208.5	1166.2	1187.9	1209.3	1245.8	1282.1	1288.6	1211.6
1124.1	77.5°	1091.7	1059.4	1025.1	990.7	1012.5	1034.3	1063.4	1092.6	1096.0	969.0
902.5	80°	875.3	848.0	819.5	790.9	809.3	827.5	852.1	876.5	877.0	725.3
571.0	82.5°	580.6	590.1	592.5	594.9	607.8	620.8	632.7	644.6	637.5	507.9
292.3	85°	318.7	345.2	357.6	369.9	384.4	398.9	411.6	424.4	415.0	318.7
130.4	87.5°	150.7	170.8	171.3	171.8	174.5	177.3	182.4	187.5	175.6	135.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
4441.9	0°	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9	4441.9
4509.8	2.5°	4547.3	4586.5	4625.7	4664.5	4703.6	4740.2	4776.9
4574.9	5°	4650.7	4731.9	4813.2	4893.8	4974.6	5055.6	5136.5
4637.8	7.5°	4743.6	4863.8	4984.0	5107.4	5230.8	5364.2	5497.9
4693.9	10°	4819.0	4965.1	5111.0	5273.9	5437.0	5605.9	5774.9
4717.9	12.5°	4859.5	5031.7	5203.9	5388.6	5573.4	5758.8	5944.5
4699.3	15°	4863.3	5061.5	5259.8	5460.2	5660.7	5854.1	6047.6
4618.4	17.5°	4815.6	5045.7	5275.8	5494.5	5713.2	5909.3	6105.5
4478.8	20°	4723.2	5002.0	5280.9	5521.2	5761.6	5965.6	6169.5
4315.0	22.5°	4609.3	4948.5	5287.7	5557.4	5826.9	6035.3	6243.6
4132.1	25°	4476.9	4895.7	5314.6	5622.8	5930.8	6134.9	6339.1
3964.8	27.5°	4349.9	4860.4	5370.9	5725.1	6079.1	6273.9	6468.6
3825.1	30°	4239.4	4843.9	5447.9	5857.5	6267.1	6455.1	6643.3
3704.6	32.5°	4132.1	4823.4	5514.4	5995.8	6477.1	6663.3	6849.6
3586.1	35°	4007.0	4784.9	5563.2	6153.3	6743.4	6921.8	7100.1
3446.7	37.5°	3845.7	4718.9	5592.1	6329.7	7067.2	7294.6	7522.0
3280.3	40°	3645.9	4628.1	5610.4	6553.7	7496.8	7828.1	8159.5
3096.7	42.5°	3424.0	4534.3	5645.0	6846.7	8048.3	8526.6	9004.9
2901.7	45°	3188.8	4447.2	5705.8	7232.2	8758.6	9403.8	10048.9
2747.5	47.5°	3003.0	4375.3	5747.6	7643.0	9538.4	10446.6	11354.6
2645.1	50°	2873.5	4296.9	5720.3	8024.1	10327.9	11697.0	13065.9
2577.6	52.5°	2776.6	4164.4	5552.4	8271.6	10990.6	13010.5	15030.3
2528.6	55°	2684.3	3944.9	5205.6	8217.1	11228.4	14175.0	17121.8
2470.7	57.5°	2580.6	3635.4	4689.9	7833.2	10976.7	15000.3	19024.0
2382.0	60°	2468.5	3233.4	3998.4	7118.9	10239.3	15206.6	20173.7
2228.0	62.5°	2285.4	2752.4	3219.5	6152.9	9086.4	14338.1	19589.9
2074.6	65°	2101.7	2319.7	2537.7	5167.4	7797.3	13109.3	18421.4
1856.9	67.5°	1841.7	1903.8	1965.6	4201.9	6438.3	11647.1	16855.9
1594.4	70°	1524.2	1506.6	1488.9	3308.4	5128.0	10051.5	14974.9
1354.9	72.5°	1255.4	1201.8	1148.5	2529.3	3910.1	8321.7	12733.5
1100.1	75°	988.6	940.2	891.8	1835.8	2779.7	6338.9	9898.1
860.8	77.5°	752.5	719.5	686.6	1243.9	1801.3	4436.7	7072.0
633.7	80°	542.0	528.4	514.8	801.5	1088.3	2858.5	4628.6
440.4	82.5°	372.9	370.2	367.8	492.9	618.4	1654.4	2690.6
269.3	85°	219.9	221.2	222.4	263.5	304.8	744.2	1183.8
115.2	87.5°	95.1	96.3	97.5	109.3	121.0	243.7	366.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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