

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: P954080

Luminaire Tested: **GALN-SB7B-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954080  
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-SB7B-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

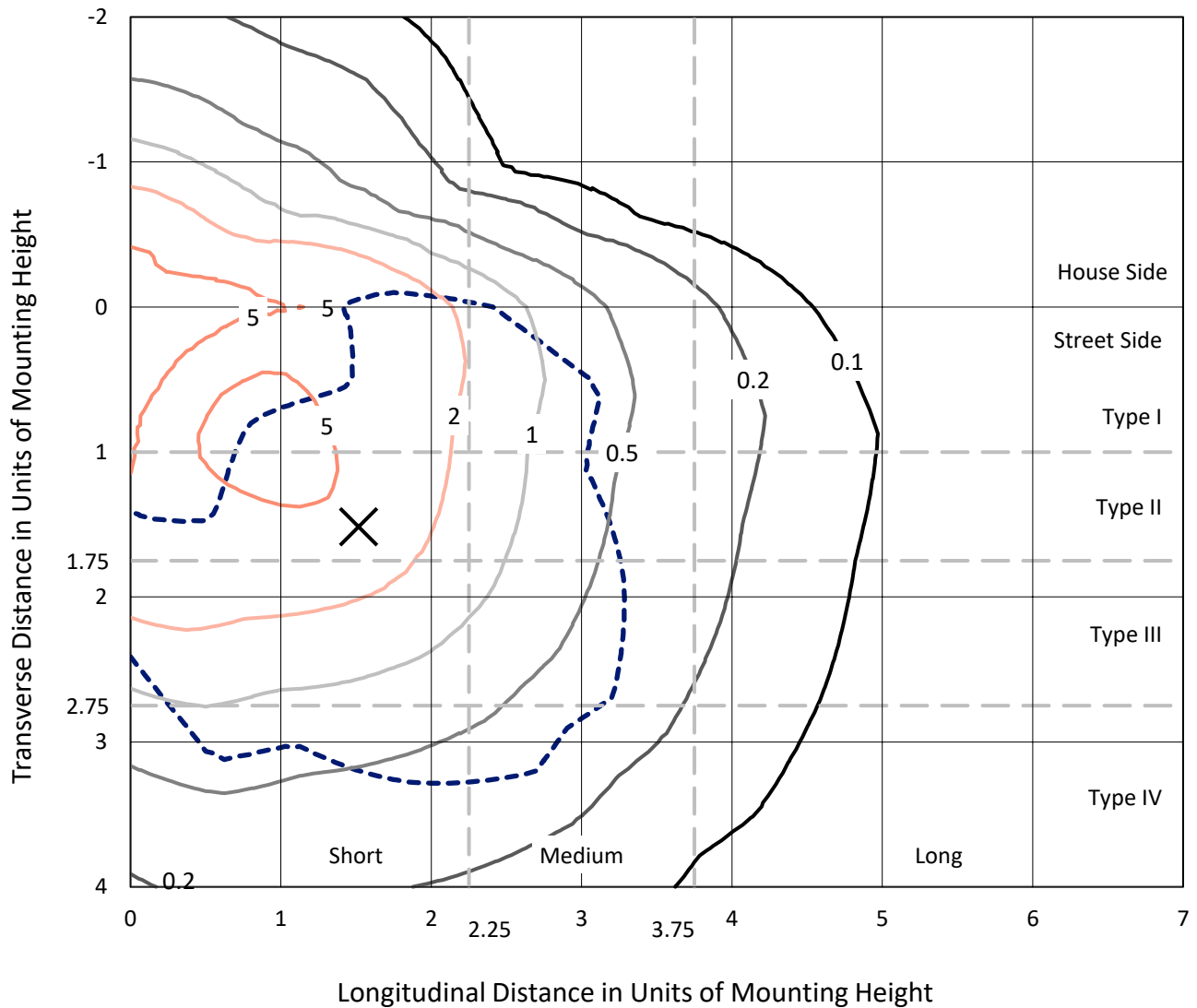
Lumens per Lamp: N/A  
Luminaire Lumens: 28915 lumens  
Efficiency: N/A  
Efficacy: 112.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 256.7  
Input Voltage (V): NR  
Input Current (Ain): 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

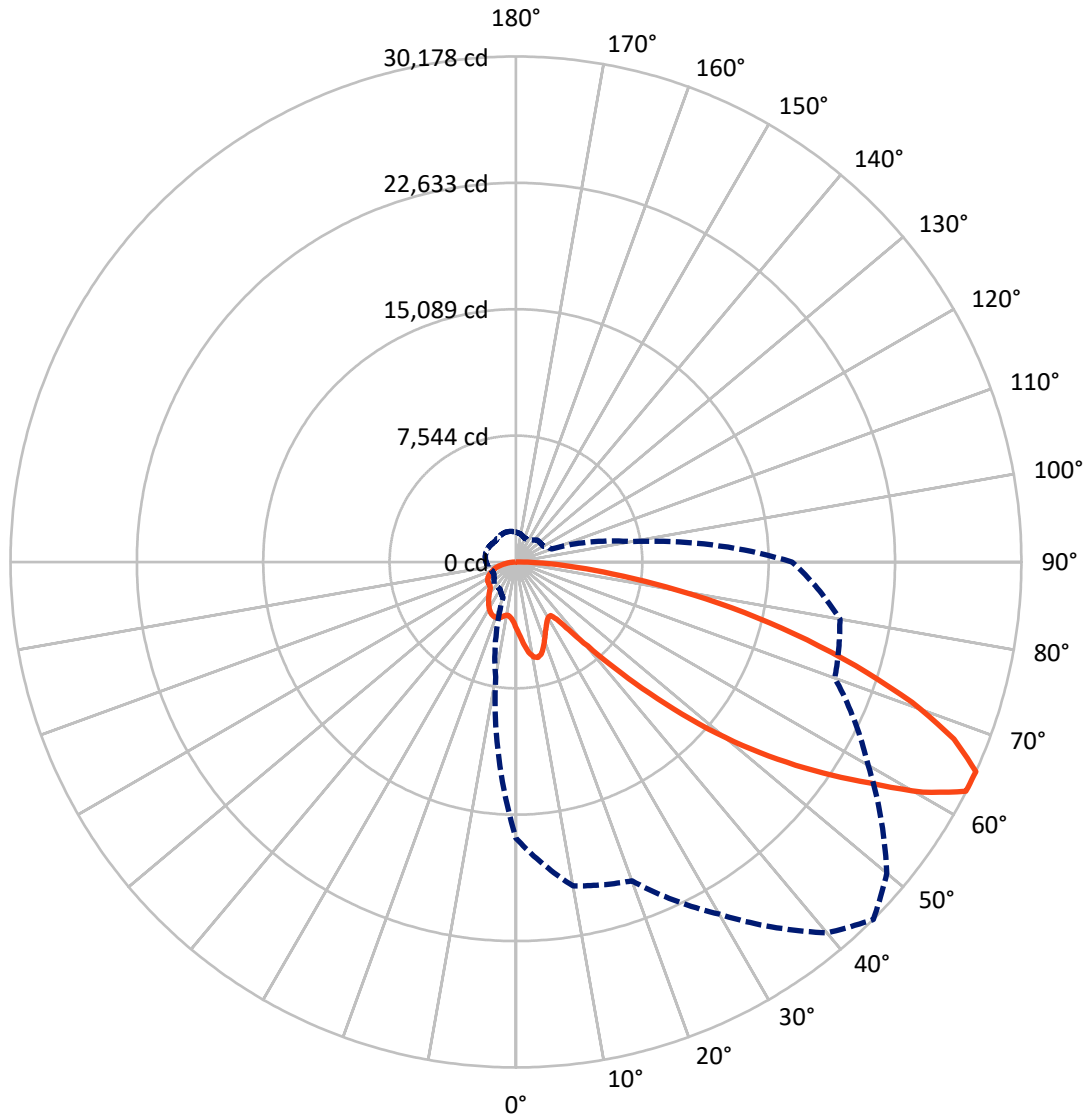
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 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
<b>House Side</b>	Lumens	7348.7	0.0	7348.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	21566.3	0.0	21566.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	28915.0	0.0	28915.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	394.4	1.4
10°-20°	1238.2	4.3
20°-30°	1912.5	6.6
30°-40°	2423.7	8.4
40°-50°	3655.5	12.6
50°-60°	5906.0	20.4
60°-70°	7362.8	25.5
70°-80°	4828.2	16.7
80°-90°	1193.6	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°	28915.0	100.0
0°-180°	28915.0	100.0



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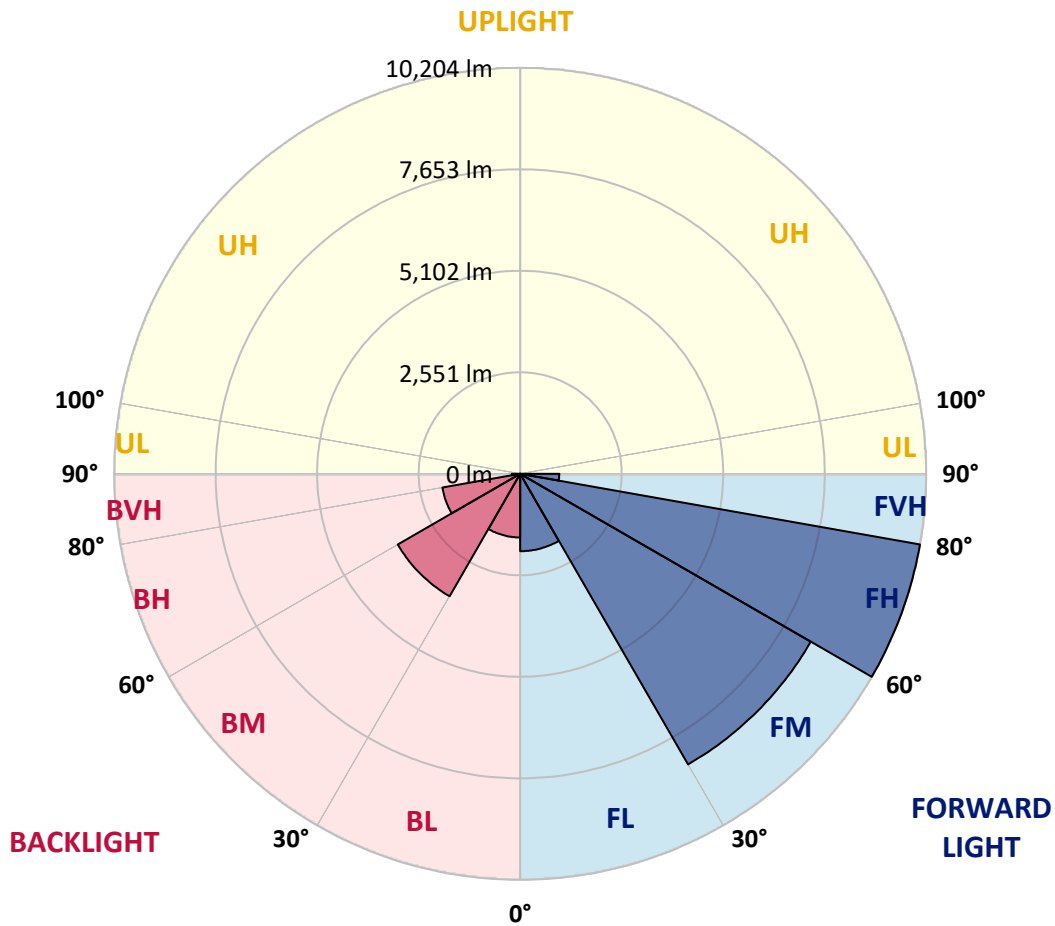
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1944.9	6.7			
FM (30°-60°)	8433.9	29.2			
FH (60°-80°)	10204.2	35.3			G4/12000
FVH (80°-90°)	983.3	3.4			G5
BL (0°-30°)	1600.3	5.5	B3/2500		
BM (30°-60°)	3551.4	12.3	B3/5000		
BH (60°-80°)	1986.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	210.3	0.7			G2/225
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°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
2.5°	4275.9	4292.0	4308.4	4331.4	4354.4	4368.2	4381.9	4388.8	4395.6	4392.6
5°	4597.8	4654.4	4711.2	4767.3	4823.6	4854.1	4884.6	4903.1	4921.7	4935.7
7.5°	4921.3	5013.4	5105.4	5188.3	5271.1	5321.0	5370.9	5397.9	5424.7	5437.7
10°	5169.2	5278.1	5387.1	5484.2	5581.4	5640.3	5698.9	5725.2	5751.3	5761.2
12.5°	5321.0	5439.1	5557.0	5644.9	5732.5	5775.2	5817.9	5832.3	5846.6	5848.1
15°	5413.3	5515.2	5617.0	5672.1	5727.3	5728.8	5730.3	5715.1	5699.8	5681.8
17.5°	5465.2	5534.0	5602.8	5603.9	5604.8	5543.0	5481.2	5424.6	5367.8	5327.9
20°	5522.4	5546.3	5570.5	5498.0	5425.5	5289.1	5152.7	5053.4	4954.1	4893.0
22.5°	5588.8	5557.3	5525.9	5375.8	5225.6	5025.0	4824.4	4700.2	4576.0	4508.5
25°	5674.2	5575.0	5475.9	5247.9	5020.0	4776.3	4532.6	4402.0	4271.7	4208.0
27.5°	5790.2	5612.9	5435.4	5133.5	4831.7	4561.6	4291.6	4163.1	4034.8	3974.5
30°	5946.5	5682.1	5417.9	5046.2	4674.5	4393.2	4111.9	3992.7	3873.5	3817.4
32.5°	6131.2	5769.1	5407.2	4986.7	4566.2	4301.8	4037.4	3943.9	3850.2	3809.8
35°	6355.4	5912.4	5469.4	5031.3	4593.2	4409.5	4226.0	4204.2	4182.3	4179.0
37.5°	6733.1	6211.9	5690.7	5292.5	4894.2	4882.3	4870.4	4970.2	5070.0	5121.9
40°	7303.7	6736.9	6170.1	5873.9	5577.8	5786.8	5995.8	6238.4	6481.0	6601.8
42.5°	8060.5	7498.1	6935.7	6765.1	6594.5	7050.4	7506.3	7947.5	8388.8	8647.9
45°	8995.0	8489.8	7984.5	7909.2	7833.9	8564.2	9294.8	10019.8	10745.0	11185.2
47.5°	10163.7	9672.2	9180.6	9165.4	9150.1	10203.8	11257.2	12318.6	13379.9	14003.2
50°	11695.5	11088.4	10481.5	10484.1	10486.7	11844.6	13202.5	14603.6	16004.6	16851.7
52.5°	13453.9	12718.8	11983.9	11909.6	11835.1	13457.1	15079.1	16812.7	18546.1	19561.4
55°	15326.0	14599.7	13873.5	13583.8	13294.0	15099.3	16904.4	18971.0	21037.6	22245.2
57.5°	17028.7	16633.2	16237.6	15656.5	15075.5	16898.3	18721.1	21061.8	23402.5	24900.0
60°	18057.8	18672.1	19286.5	18564.8	17843.1	19568.1	21293.1	23799.3	26305.5	27924.0
62.5°	17535.3	19213.7	20892.2	20810.9	20729.4	22309.6	23889.9	26274.4	28658.6	30154.6
65°	16489.4	18064.7	19640.0	19951.7	20263.3	22271.4	24279.8	26591.9	28903.8	30177.5
67.5°	15088.0	16586.2	18084.5	18230.7	18376.7	20469.1	22561.3	24883.3	27205.4	28203.2
70°	13404.3	15034.0	16663.8	16729.1	16794.5	18665.7	20536.7	22534.9	24533.0	25087.6
72.5°	11398.0	13268.1	15138.3	15185.3	15232.2	16696.1	18160.0	19656.6	21153.1	21209.2
75°	8859.9	10795.5	12731.0	12904.8	13078.6	14217.5	15356.5	16410.0	17463.5	17181.3
77.5°	6330.3	8137.0	9944.0	10192.7	10441.4	11307.2	12173.1	12920.2	13667.5	13182.3
80°	4143.1	5663.2	7183.2	7492.3	7801.4	8455.3	9108.9	9501.4	9893.6	9113.2
82.5°	2408.4	3447.5	4486.9	4832.2	5177.6	5627.7	6077.8	6241.5	6405.0	5791.7
85°	1059.6	1611.2	2162.7	2456.4	2750.1	3120.0	3489.7	3582.6	3675.5	3184.2
87.5°	328.0	513.4	698.8	862.6	1026.5	1211.4	1396.4	1404.3	1412.1	1185.5
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°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
4395.6	2.5°	4388.8	4381.9	4368.2	4354.4	4331.4	4308.4	4292.0	4275.9	4243.1	4210.3
4921.7	5°	4903.1	4884.6	4854.1	4823.6	4767.3	4711.2	4654.4	4597.8	4525.3	4452.9
5424.7	7.5°	5397.9	5370.9	5321.0	5271.1	5188.3	5105.4	5013.4	4921.3	4801.6	4682.2
5751.3	10°	5725.2	5698.9	5640.3	5581.4	5484.2	5387.1	5278.1	5169.2	5018.0	4866.8
5846.6	12.5°	5832.3	5817.9	5775.2	5732.5	5644.9	5557.0	5439.1	5321.0	5154.8	4988.8
5699.8	15°	5715.1	5730.3	5728.8	5727.3	5672.1	5617.0	5515.2	5413.3	5240.1	5067.0
5367.8	17.5°	5424.6	5481.2	5543.0	5604.8	5603.9	5602.8	5534.0	5465.2	5289.6	5114.0
4954.1	20°	5053.4	5152.7	5289.1	5425.5	5498.0	5570.5	5546.3	5522.4	5339.9	5157.3
4576.0	22.5°	4700.2	4824.4	5025.0	5225.6	5375.8	5525.9	5557.3	5588.8	5402.3	5215.7
4271.7	25°	4402.0	4532.6	4776.3	5020.0	5247.9	5475.9	5575.0	5674.2	5491.4	5308.8
4034.8	27.5°	4163.1	4291.6	4561.6	4831.7	5133.5	5435.4	5612.9	5790.2	5615.9	5441.5
3873.5	30°	3992.7	4111.9	4393.2	4674.5	5046.2	5417.9	5682.1	5946.5	5778.1	5609.8
3850.2	32.5°	3943.9	4037.4	4301.8	4566.2	4986.7	5407.2	5769.1	6131.2	5964.4	5797.8
4182.3	35°	4204.2	4226.0	4409.5	4593.2	5031.3	5469.4	5912.4	6355.4	6195.9	6036.1
5070.0	37.5°	4970.2	4870.4	4882.3	4894.2	5292.5	5690.7	6211.9	6733.1	6529.5	6326.0
6481.0	40°	6238.4	5995.8	5786.8	5577.8	5873.9	6170.1	6736.9	7303.7	7007.1	6710.5
8388.8	42.5°	7947.5	7506.3	7050.4	6594.5	6765.1	6935.7	7498.1	8060.5	7632.3	7204.2
10745.0	45°	10019.8	9294.8	8564.2	7833.9	7909.2	7984.5	8489.8	8995.0	8417.5	7840.0
13379.9	47.5°	12318.6	11257.2	10203.8	9150.1	9165.4	9180.6	9672.2	10163.7	9350.9	8538.0
16004.6	50°	14603.6	13202.5	11844.6	10486.7	10484.1	10481.5	11088.4	11695.5	10470.2	9244.7
18546.1	52.5°	16812.7	15079.1	13457.1	11835.1	11909.6	11983.9	12718.8	13453.9	11645.9	9837.9
21037.6	55°	18971.0	16904.4	15099.3	13294.0	13583.8	13873.5	14599.7	15326.0	12688.3	10050.8
23402.5	57.5°	21061.8	18721.1	16898.3	15075.5	15656.5	16237.6	16633.2	17028.7	13427.1	9825.4
26305.5	60°	23799.3	21293.1	19568.1	17843.1	18564.8	19286.5	18672.1	18057.8	13611.7	9165.4
28658.6	62.5°	26274.4	23889.9	22309.6	20729.4	20810.9	20892.2	19213.7	17535.3	12834.3	8133.4
28903.8	65°	26591.9	24279.8	22271.4	20263.3	19951.7	19640.0	18064.7	16489.4	11734.4	6979.5
27205.4	67.5°	24883.3	22561.3	20469.1	18376.7	18230.7	18084.5	16586.2	15088.0	10425.5	5763.0
24533.0	70°	22534.9	20536.7	18665.7	16794.5	16729.1	16663.8	15034.0	13404.3	8997.3	4590.2
21153.1	72.5°	19656.6	18160.0	16696.1	15232.2	15185.3	15138.3	13268.1	11398.0	7448.9	3500.0
17463.5	75°	16410.0	15356.5	14217.5	13078.6	12904.8	12731.0	10795.5	8859.9	5674.1	2488.2
13667.5	77.5°	12920.2	12173.1	11307.2	10441.4	10192.7	9944.0	8137.0	6330.3	3971.3	1612.4
9893.6	80°	9501.4	9108.9	8455.3	7801.4	7492.3	7183.2	5663.2	4143.1	2558.7	974.2
6405.0	82.5°	6241.5	6077.8	5627.7	5177.6	4832.2	4486.9	3447.5	2408.4	1480.9	553.5
3675.5	85°	3582.6	3489.7	3120.0	2750.1	2456.4	2162.7	1611.2	1059.6	666.1	272.8
1412.1	87.5°	1404.3	1396.4	1211.4	1026.5	862.6	698.8	513.4	328.0	218.2	108.3
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
4175.3	2.5°	4140.5	4105.4	4070.4	4036.8	4003.2	3970.7	3934.6	3905.3	3876.1	3849.7
4380.5	5°	4308.4	4235.6	4163.0	4095.1	4027.2	3963.1	3899.8	3844.5	3789.2	3742.8
4571.7	7.5°	4461.2	4353.7	4246.1	4151.4	4056.6	3969.2	3887.3	3813.7	3740.3	3679.3
4720.8	10°	4574.9	4444.3	4313.6	4201.6	4089.3	3981.4	3893.4	3815.9	3738.4	3677.3
4823.5	12.5°	4658.1	4504.0	4349.9	4223.1	4096.3	3982.9	3901.0	3837.5	3774.4	3733.8
4887.5	15°	4708.1	4530.7	4353.2	4206.4	4059.7	3934.1	3868.5	3838.1	3807.9	3813.4
4918.2	17.5°	4722.5	4516.5	4310.5	4134.0	3957.4	3809.8	3769.3	3780.5	3791.4	3858.0
4942.2	20°	4727.0	4477.4	4227.8	4009.0	3790.2	3618.3	3607.6	3659.5	3711.3	3826.8
4974.5	22.5°	4733.1	4429.5	4125.9	3862.4	3598.9	3403.1	3424.1	3500.8	3577.5	3709.4
5033.1	25°	4757.2	4382.2	4007.3	3698.7	3390.2	3189.5	3246.0	3334.5	3423.0	3541.5
5124.6	27.5°	4807.6	4350.6	3893.7	3549.0	3204.3	3021.7	3090.4	3175.8	3261.3	3358.7
5243.2	30°	4876.5	4335.8	3794.8	3423.9	3053.0	2899.7	2953.5	3021.3	3089.3	3170.2
5366.9	32.5°	4936.1	4317.5	3698.7	3316.0	2933.2	2809.6	2833.6	2873.7	2913.8	2978.4
5507.9	35°	4979.7	4283.0	3586.7	3210.0	2833.3	2730.3	2720.4	2731.4	2742.5	2791.8
5665.8	37.5°	5005.6	4224.0	3442.4	3085.2	2728.0	2638.0	2601.7	2589.5	2577.3	2612.7
5866.3	40°	5022.0	4142.7	3263.5	2936.3	2609.0	2527.4	2471.7	2444.1	2416.5	2441.9
6128.6	42.5°	5052.9	4058.8	3064.9	2772.0	2479.0	2403.8	2333.6	2297.0	2260.4	2281.1
6473.7	45°	5107.4	3980.8	2854.3	2597.4	2340.5	2264.2	2196.3	2160.6	2125.0	2142.4
6841.4	47.5°	5144.8	3916.4	2688.0	2459.3	2230.6	2132.2	2073.8	2043.9	2014.0	2030.4
7182.5	50°	5120.4	3846.2	2572.1	2367.6	2163.2	2033.8	1965.9	1939.4	1913.0	1938.6
7404.1	52.5°	4970.1	3727.7	2485.4	2307.2	2129.2	1980.4	1885.5	1859.3	1833.2	1871.8
7355.3	55°	4659.6	3531.2	2402.7	2263.4	2124.1	1985.7	1842.8	1801.3	1759.9	1814.7
7011.7	57.5°	4198.1	3254.1	2310.0	2211.6	2113.1	1991.1	1817.1	1756.7	1696.3	1755.2
6372.2	60°	3579.1	2894.3	2209.6	2132.2	2054.9	1974.3	1793.0	1714.8	1636.3	1688.1
5507.6	62.5°	2881.8	2463.8	2045.7	1994.3	1943.0	1933.1	1765.0	1667.0	1569.2	1602.0
4625.4	65°	2271.5	2076.4	1881.2	1857.0	1832.7	1833.9	1705.8	1601.7	1497.5	1510.2
3761.2	67.5°	1759.5	1704.1	1648.6	1662.1	1675.6	1672.2	1600.2	1513.5	1426.9	1422.9
2961.4	70°	1332.7	1348.6	1364.3	1427.2	1489.9	1489.9	1466.2	1404.6	1343.0	1329.2
2264.0	72.5°	1028.0	1075.8	1123.7	1212.8	1301.8	1316.7	1317.0	1274.8	1232.5	1212.3
1643.2	75°	798.3	841.6	884.9	984.7	1084.5	1153.5	1147.7	1115.2	1082.5	1063.3
1113.5	77.5°	614.6	644.0	673.6	770.5	867.4	981.0	978.0	951.9	925.8	906.3
717.4	80°	460.8	473.0	485.2	567.3	649.2	785.0	784.5	762.7	740.7	724.4
441.2	82.5°	329.3	331.4	333.8	394.2	454.7	570.6	577.0	566.4	555.7	544.1
235.9	85°	199.1	198.0	196.8	241.1	285.3	371.5	379.9	368.5	357.0	344.1
97.8	87.5°	87.3	86.2	85.1	103.1	121.3	157.2	167.8	163.3	158.7	156.2
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°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
3823.5	2.5°	3800.4	3777.4	3754.2	3731.2	3713.3	3695.3	3680.8	3666.3	3655.0	3643.8
3696.5	5°	3655.7	3614.8	3577.7	3540.5	3511.9	3483.2	3463.3	3443.3	3429.1	3414.9
3618.3	7.5°	3566.9	3515.3	3469.8	3424.5	3390.5	3356.6	3332.8	3309.0	3292.7	3276.5
3616.3	10°	3560.9	3505.4	3454.3	3403.1	3362.6	3321.8	3295.3	3268.4	3253.0	3237.6
3693.5	12.5°	3649.9	3606.5	3553.6	3500.8	3448.9	3397.0	3362.7	3328.4	3311.1	3294.1
3818.9	15°	3807.6	3796.3	3750.4	3704.5	3630.6	3556.8	3504.6	3452.4	3428.5	3404.7
3924.5	17.5°	3959.9	3995.1	3958.1	3921.1	3823.3	3725.5	3648.6	3571.7	3536.3	3500.8
3942.5	20°	4016.5	4090.5	4073.4	4056.2	3944.3	3832.6	3738.4	3644.2	3598.9	3553.4
3841.5	22.5°	3937.8	4034.0	4044.4	4054.6	3947.8	3841.0	3744.0	3646.8	3599.1	3551.1
3660.2	25°	3755.0	3849.7	3885.1	3920.4	3832.8	3745.4	3659.0	3573.0	3531.5	3490.1
3456.1	27.5°	3532.1	3608.1	3647.4	3686.9	3624.5	3562.3	3495.3	3428.3	3400.6	3372.6
3251.0	30°	3314.0	3377.2	3409.3	3441.3	3393.8	3346.2	3298.3	3250.1	3235.9	3221.6
3043.1	32.5°	3103.5	3164.1	3199.6	3235.3	3191.7	3147.9	3109.6	3071.3	3062.0	3052.7
2840.9	35°	2900.7	2960.7	3003.4	3046.1	3015.0	2984.0	2948.6	2913.4	2899.2	2885.2
2647.9	37.5°	2707.6	2767.4	2820.2	2873.0	2858.6	2844.3	2811.8	2779.1	2753.3	2727.7
2467.4	40°	2525.1	2582.8	2643.5	2704.4	2707.9	2711.2	2683.6	2656.0	2618.5	2581.2
2302.0	42.5°	2356.6	2411.4	2477.0	2542.6	2560.2	2577.7	2554.4	2531.2	2484.7	2438.1
2160.1	45°	2212.0	2263.9	2331.9	2400.0	2425.2	2450.3	2429.3	2408.4	2355.1	2302.0
2046.8	47.5°	2097.6	2148.2	2215.4	2282.5	2311.5	2340.5	2325.8	2311.2	2263.9	2216.6
1964.4	50°	2012.3	2060.0	2120.2	2180.3	2217.5	2254.7	2253.8	2253.2	2215.4	2177.5
1910.2	52.5°	1954.2	1997.9	2053.9	2110.1	2154.2	2198.3	2206.2	2214.1	2183.3	2152.5
1869.3	55°	1916.6	1963.9	2013.1	2062.0	2108.7	2155.6	2166.5	2177.5	2150.7	2123.8
1814.1	57.5°	1869.6	1925.2	1973.7	2022.4	2069.5	2116.5	2127.6	2138.8	2111.6	2084.5
1739.6	60°	1803.4	1867.2	1916.5	1965.9	2013.2	2060.5	2072.7	2084.9	2058.4	2032.0
1634.8	62.5°	1709.1	1783.6	1836.2	1888.9	1932.2	1975.5	1987.3	1999.0	1975.1	1951.1
1522.7	65°	1602.3	1682.1	1732.5	1782.8	1821.0	1859.1	1871.2	1883.1	1860.0	1837.0
1418.9	67.5°	1492.5	1566.2	1613.9	1661.5	1694.5	1727.4	1739.2	1750.8	1729.6	1708.5
1315.5	70°	1380.2	1444.9	1486.1	1527.3	1557.0	1586.8	1598.1	1609.3	1592.1	1574.9
1192.4	72.5°	1243.3	1294.1	1331.4	1368.6	1397.7	1426.9	1440.3	1453.7	1439.4	1425.0
1043.9	75°	1081.7	1119.6	1153.3	1187.0	1213.6	1240.1	1254.2	1268.2	1261.2	1254.2
886.8	77.5°	917.6	948.2	977.2	1006.2	1034.1	1061.9	1075.0	1088.2	1078.4	1068.3
707.9	80°	733.6	759.1	783.5	807.9	829.1	850.1	867.5	884.9	880.7	876.5
532.5	82.5°	530.3	528.2	519.7	511.1	556.3	601.4	631.0	660.6	658.8	656.8
331.1	85°	320.1	309.0	285.3	261.7	303.9	346.3	383.0	419.6	416.5	413.5
153.8	87.5°	153.3	152.9	134.9	116.7	134.4	152.3	167.1	181.9	178.2	174.2
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
3633.4	2.5°	3622.9	3609.9	3622.9	3633.4	3643.8	3655.0	3666.3	3680.8	3695.3	3713.3
3404.1	5°	3393.2	3382.6	3393.2	3404.1	3414.9	3429.1	3443.3	3463.3	3483.2	3511.9
3266.7	7.5°	3257.1	3249.8	3257.1	3266.7	3276.5	3292.7	3309.0	3332.8	3356.6	3390.5
3229.4	10°	3221.1	3217.8	3221.1	3229.4	3237.6	3253.0	3268.4	3295.3	3321.8	3362.6
3287.0	12.5°	3280.0	3278.8	3280.0	3287.0	3294.1	3311.1	3328.4	3362.7	3397.0	3448.9
3395.5	15°	3386.4	3385.6	3386.4	3395.5	3404.7	3428.5	3452.4	3504.6	3556.8	3630.6
3489.2	17.5°	3477.5	3475.6	3477.5	3489.2	3500.8	3536.3	3571.7	3648.6	3725.5	3823.3
3538.9	20°	3524.4	3519.9	3524.4	3538.9	3553.4	3598.9	3644.2	3738.4	3832.6	3944.3
3535.1	22.5°	3519.1	3512.2	3519.1	3535.1	3551.1	3599.1	3646.8	3744.0	3841.0	3947.8
3475.0	25°	3460.1	3451.2	3460.1	3475.0	3490.1	3531.5	3573.0	3659.0	3745.4	3832.8
3365.8	27.5°	3358.9	3356.6	3358.9	3365.8	3372.6	3400.6	3428.3	3495.3	3562.3	3624.5
3221.6	30°	3221.6	3223.9	3221.6	3221.6	3221.6	3235.9	3250.1	3298.3	3346.2	3393.8
3053.9	32.5°	3055.3	3057.6	3055.3	3053.9	3052.7	3062.0	3071.3	3109.6	3147.9	3191.7
2882.1	35°	2879.1	2877.5	2879.1	2882.1	2885.2	2899.2	2913.4	2948.6	2984.0	3015.0
2714.1	37.5°	2700.5	2692.9	2700.5	2714.1	2727.7	2753.3	2779.1	2811.8	2844.3	2858.6
2555.9	40°	2530.9	2515.9	2530.9	2555.9	2581.2	2618.5	2656.0	2683.6	2711.2	2707.9
2401.4	42.5°	2364.6	2340.5	2364.6	2401.4	2438.1	2484.7	2531.2	2554.4	2577.7	2560.2
2258.8	45°	2215.7	2187.9	2215.7	2258.8	2302.0	2355.1	2408.4	2429.3	2450.3	2425.2
2176.6	47.5°	2136.8	2110.1	2136.8	2176.6	2216.6	2263.9	2311.2	2325.8	2340.5	2311.5
2140.6	50°	2103.7	2078.0	2103.7	2140.6	2177.5	2215.4	2253.2	2253.8	2254.7	2217.5
2119.4	52.5°	2086.4	2062.8	2086.4	2119.4	2152.5	2183.3	2214.1	2206.2	2198.3	2154.2
2094.8	55°	2065.8	2044.5	2065.8	2094.8	2123.8	2150.7	2177.5	2166.5	2155.6	2108.7
2055.8	57.5°	2026.9	2004.8	2026.9	2055.8	2084.5	2111.6	2138.8	2127.6	2116.5	2069.5
2002.4	60°	1972.8	1949.9	1972.8	2002.4	2032.0	2058.4	2084.9	2072.7	2060.5	2013.2
1920.0	62.5°	1888.9	1861.4	1888.9	1920.0	1951.1	1975.1	1999.0	1987.3	1975.5	1932.2
1806.8	65°	1776.7	1753.1	1776.7	1806.8	1837.0	1860.0	1883.1	1871.2	1859.1	1821.0
1680.4	67.5°	1652.4	1631.0	1652.4	1680.4	1708.5	1729.6	1750.8	1739.2	1727.4	1694.5
1548.0	70°	1521.2	1496.7	1521.2	1548.0	1574.9	1592.1	1609.3	1598.1	1586.8	1557.0
1399.4	72.5°	1373.9	1350.3	1373.9	1399.4	1425.0	1439.4	1453.7	1440.3	1426.9	1397.7
1232.6	75°	1211.1	1188.5	1211.1	1232.6	1254.2	1261.2	1268.2	1254.2	1240.1	1213.6
1046.7	77.5°	1025.0	1007.0	1025.0	1046.7	1068.3	1078.4	1088.2	1075.0	1061.9	1034.1
847.4	80°	818.1	784.2	818.1	847.4	876.5	880.7	884.9	867.5	850.1	829.1
632.3	82.5°	607.5	585.9	607.5	632.3	656.8	658.8	660.6	631.0	601.4	556.3
394.2	85°	375.0	355.5	375.0	394.2	413.5	416.5	419.6	383.0	346.3	303.9
164.5	87.5°	154.4	144.9	154.4	164.5	174.2	178.2	181.9	167.1	152.3	134.4
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°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
3731.2	2.5°	3754.2	3777.4	3800.4	3823.5	3849.7	3876.1	3905.3	3934.6	3970.7	4003.2
3540.5	5°	3577.7	3614.8	3655.7	3696.5	3742.8	3789.2	3844.5	3899.8	3963.1	4027.2
3424.5	7.5°	3469.8	3515.3	3566.9	3618.3	3679.3	3740.3	3813.7	3887.3	3969.2	4056.6
3403.1	10°	3454.3	3505.4	3560.9	3616.3	3677.3	3738.4	3815.9	3893.4	3981.4	4089.3
3500.8	12.5°	3553.6	3606.5	3649.9	3693.5	3733.8	3774.4	3837.5	3901.0	3982.9	4096.3
3704.5	15°	3750.4	3796.3	3807.6	3818.9	3813.4	3807.9	3838.1	3868.5	3934.1	4059.7
3921.1	17.5°	3958.1	3995.1	3959.9	3924.5	3858.0	3791.4	3780.5	3769.3	3809.8	3957.4
4056.2	20°	4073.4	4090.5	4016.5	3942.5	3826.8	3711.3	3659.5	3607.6	3618.3	3790.2
4054.6	22.5°	4044.4	4034.0	3937.8	3841.5	3709.4	3577.5	3500.8	3424.1	3403.1	3598.9
3920.4	25°	3885.1	3849.7	3755.0	3660.2	3541.5	3423.0	3334.5	3246.0	3189.5	3390.2
3686.9	27.5°	3647.4	3608.1	3532.1	3456.1	3358.7	3261.3	3175.8	3090.4	3021.7	3204.3
3441.3	30°	3409.3	3377.2	3314.0	3251.0	3170.2	3089.3	3021.3	2953.5	2899.7	3053.0
3235.3	32.5°	3199.6	3164.1	3103.5	3043.1	2978.4	2913.8	2873.7	2833.6	2809.6	2933.2
3046.1	35°	3003.4	2960.7	2900.7	2840.9	2791.8	2742.5	2731.4	2720.4	2730.3	2833.3
2873.0	37.5°	2820.2	2767.4	2707.6	2647.9	2612.7	2577.3	2589.5	2601.7	2638.0	2728.0
2704.4	40°	2643.5	2582.8	2525.1	2467.4	2441.9	2416.5	2444.1	2471.7	2527.4	2609.0
2542.6	42.5°	2477.0	2411.4	2356.6	2302.0	2281.1	2260.4	2297.0	2333.6	2403.8	2479.0
2400.0	45°	2331.9	2263.9	2212.0	2160.1	2142.4	2125.0	2160.6	2196.3	2264.2	2340.5
2282.5	47.5°	2215.4	2148.2	2097.6	2046.8	2030.4	2014.0	2043.9	2073.8	2132.2	2230.6
2180.3	50°	2120.2	2060.0	2012.3	1964.4	1938.6	1913.0	1939.4	1965.9	2033.8	2163.2
2110.1	52.5°	2053.9	1997.9	1954.2	1910.2	1871.8	1833.2	1859.3	1885.5	1980.4	2129.2
2062.0	55°	2013.1	1963.9	1916.6	1869.3	1814.7	1759.9	1801.3	1842.8	1985.7	2124.1
2022.4	57.5°	1973.7	1925.2	1869.6	1814.1	1755.2	1696.3	1756.7	1817.1	1991.1	2113.1
1965.9	60°	1916.5	1867.2	1803.4	1739.6	1688.1	1636.3	1714.8	1793.0	1974.3	2054.9
1888.9	62.5°	1836.2	1783.6	1709.1	1634.8	1602.0	1569.2	1667.0	1765.0	1933.1	1943.0
1782.8	65°	1732.5	1682.1	1602.3	1522.7	1510.2	1497.5	1601.7	1705.8	1833.9	1832.7
1661.5	67.5°	1613.9	1566.2	1492.5	1418.9	1422.9	1426.9	1513.5	1600.2	1672.2	1675.6
1527.3	70°	1486.1	1444.9	1380.2	1315.5	1329.2	1343.0	1404.6	1466.2	1489.9	1489.9
1368.6	72.5°	1331.4	1294.1	1243.3	1192.4	1212.3	1232.5	1274.8	1317.0	1316.7	1301.8
1187.0	75°	1153.3	1119.6	1081.7	1043.9	1063.3	1082.5	1115.2	1147.7	1153.5	1084.5
1006.2	77.5°	977.2	948.2	917.6	886.8	906.3	925.8	951.9	978.0	981.0	867.4
807.9	80°	783.5	759.1	733.6	707.9	724.4	740.7	762.7	784.5	785.0	649.2
511.1	82.5°	519.7	528.2	530.3	532.5	544.1	555.7	566.4	577.0	570.6	454.7
261.7	85°	285.3	309.0	320.1	331.1	344.1	357.0	368.5	379.9	371.5	285.3
116.7	87.5°	134.9	152.9	153.3	153.8	156.2	158.7	163.3	167.8	157.2	121.3
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):**

325°		330°	335°	340°	345°	350°	355°	360°
3976.1	0°	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1	3976.1
4036.8	2.5°	4070.4	4105.4	4140.5	4175.3	4210.3	4243.1	4275.9
4095.1	5°	4163.0	4235.6	4308.4	4380.5	4452.9	4525.3	4597.8
4151.4	7.5°	4246.1	4353.7	4461.2	4571.7	4682.2	4801.6	4921.3
4201.6	10°	4313.6	4444.3	4574.9	4720.8	4866.8	5018.0	5169.2
4223.1	12.5°	4349.9	4504.0	4658.1	4823.5	4988.8	5154.8	5321.0
4206.4	15°	4353.2	4530.7	4708.1	4887.5	5067.0	5240.1	5413.3
4134.0	17.5°	4310.5	4516.5	4722.5	4918.2	5114.0	5289.6	5465.2
4009.0	20°	4227.8	4477.4	4727.0	4942.2	5157.3	5339.9	5522.4
3862.4	22.5°	4125.9	4429.5	4733.1	4974.5	5215.7	5402.3	5588.8
3698.7	25°	4007.3	4382.2	4757.2	5033.1	5308.8	5491.4	5674.2
3549.0	27.5°	3893.7	4350.6	4807.6	5124.6	5441.5	5615.9	5790.2
3423.9	30°	3794.8	4335.8	4876.5	5243.2	5609.8	5778.1	5946.5
3316.0	32.5°	3698.7	4317.5	4936.1	5366.9	5797.8	5964.4	6131.2
3210.0	35°	3586.7	4283.0	4979.7	5507.9	6036.1	6195.9	6355.4
3085.2	37.5°	3442.4	4224.0	5005.6	5665.8	6326.0	6529.5	6733.1
2936.3	40°	3263.5	4142.7	5022.0	5866.3	6710.5	7007.1	7303.7
2772.0	42.5°	3064.9	4058.8	5052.9	6128.6	7204.2	7632.3	8060.5
2597.4	45°	2854.3	3980.8	5107.4	6473.7	7840.0	8417.5	8995.0
2459.3	47.5°	2688.0	3916.4	5144.8	6841.4	8538.0	9350.9	10163.7
2367.6	50°	2572.1	3846.2	5120.4	7182.5	9244.7	10470.2	11695.5
2307.2	52.5°	2485.4	3727.7	4970.1	7404.1	9837.9	11645.9	13453.9
2263.4	55°	2402.7	3531.2	4659.6	7355.3	10050.8	12688.3	15326.0
2211.6	57.5°	2310.0	3254.1	4198.1	7011.7	9825.4	13427.1	17028.7
2132.2	60°	2209.6	2894.3	3579.1	6372.2	9165.4	13611.7	18057.8
1994.3	62.5°	2045.7	2463.8	2881.8	5507.6	8133.4	12834.3	17535.3
1857.0	65°	1881.2	2076.4	2271.5	4625.4	6979.5	11734.4	16489.4
1662.1	67.5°	1648.6	1704.1	1759.5	3761.2	5763.0	10425.5	15088.0
1427.2	70°	1364.3	1348.6	1332.7	2961.4	4590.2	8997.3	13404.3
1212.8	72.5°	1123.7	1075.8	1028.0	2264.0	3500.0	7448.9	11398.0
984.7	75°	884.9	841.6	798.3	1643.2	2488.2	5674.1	8859.9
770.5	77.5°	673.6	644.0	614.6	1113.5	1612.4	3971.3	6330.3
567.3	80°	485.2	473.0	460.8	717.4	974.2	2558.7	4143.1
394.2	82.5°	333.8	331.4	329.3	441.2	553.5	1480.9	2408.4
241.1	85°	196.8	198.0	199.1	235.9	272.8	666.1	1059.6
103.1	87.5°	85.1	86.2	87.3	97.8	108.3	218.2	328.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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