

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: P951098

Luminaire Tested: **GALN-SB5B-835-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P951098  
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-SB5B-835-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 80 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

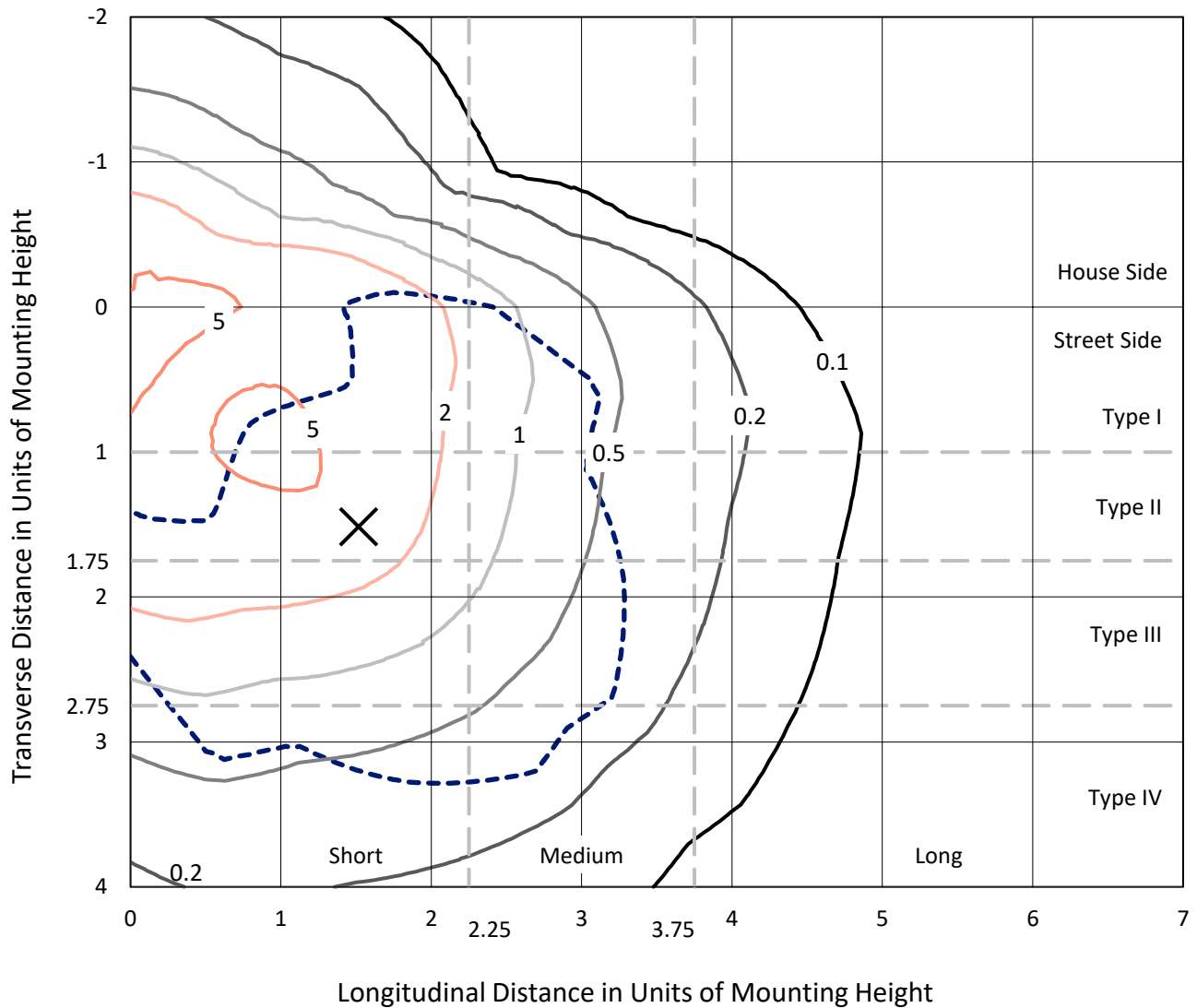
Lumens per Lamp: N/A  
Luminaire Lumens: 26289 lumens  
Efficiency: N/A  
Efficacy: 143.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 182.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

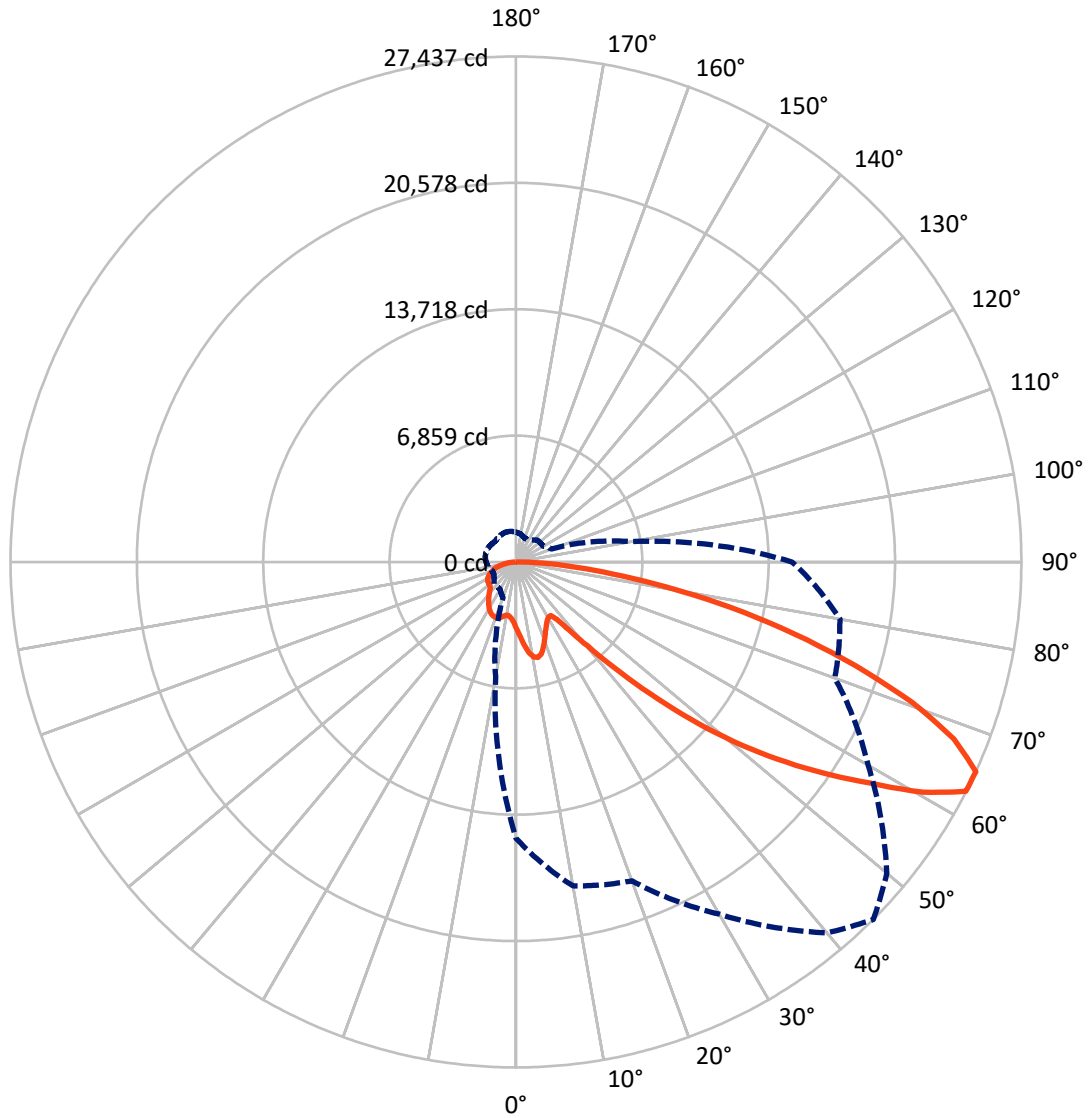
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 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	6681.3	0.0	6681.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	19607.7	0.0	19607.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	26289.0	0.0	26289.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	358.6	1.4
10°-20°	1125.7	4.3
20°-30°	1738.9	6.6
30°-40°	2203.6	8.4
40°-50°	3323.5	12.6
50°-60°	5369.7	20.4
60°-70°	6694.1	25.5
70°-80°	4389.7	16.7
80°-90°	1085.2	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°	26289.0	100.0
0°-180°	26289.0	100.0

**Coefficient of Utilization**



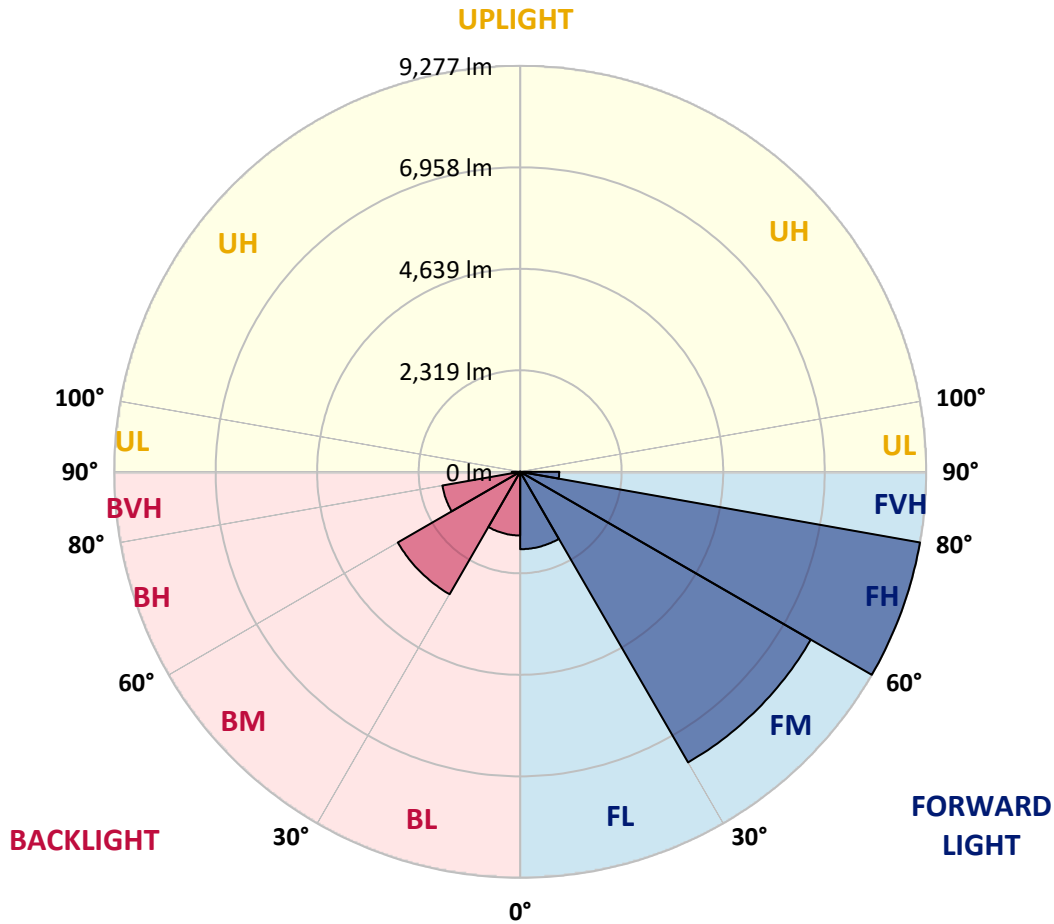
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1768.2	6.7			
FM (30°-60°)	7667.9	29.2			
FH (60°-80°)	9277.5	35.3			G4/12000
FVH (80°-90°)	894.0	3.4			G5
BL (0°-30°)	1454.9	5.5	B3/2500		
BM (30°-60°)	3228.8	12.3	B3/5000		
BH (60°-80°)	1806.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	191.2	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°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
2.5°	3887.5	3902.2	3917.1	3938.0	3959.0	3971.5	3984.0	3990.2	3996.4	3993.7
5°	4180.2	4231.7	4283.3	4334.4	4385.5	4413.3	4441.0	4457.8	4474.7	4487.5
7.5°	4474.3	4558.1	4641.7	4717.1	4792.4	4837.8	4883.1	4907.7	4932.1	4943.9
10°	4699.7	4798.8	4897.8	4986.2	5074.5	5128.1	5181.4	5205.2	5228.9	5238.0
12.5°	4837.8	4945.1	5052.3	5132.2	5211.9	5250.7	5289.6	5302.6	5315.6	5317.0
15°	4921.7	5014.3	5106.9	5156.9	5207.2	5208.5	5209.9	5196.1	5182.2	5165.8
17.5°	4968.8	5031.4	5094.0	5094.9	5095.8	5039.6	4983.4	4931.9	4880.3	4844.0
20°	5020.9	5042.6	5064.6	4998.7	4932.8	4808.8	4684.7	4594.4	4504.1	4448.7
22.5°	5081.2	5052.6	5024.1	4887.6	4751.1	4568.6	4386.2	4273.3	4160.4	4099.1
25°	5158.9	5068.7	4978.6	4771.3	4564.1	4342.5	4121.0	4002.3	3883.8	3825.8
27.5°	5264.3	5103.1	4941.8	4667.3	4392.9	4147.4	3901.8	3785.0	3668.4	3613.6
30°	5406.5	5166.1	4925.8	4587.9	4250.0	3994.2	3738.4	3630.1	3521.7	3470.7
32.5°	5574.3	5245.2	4916.1	4533.8	4151.5	3911.1	3670.7	3585.7	3500.5	3463.8
35°	5778.3	5375.4	4972.7	4574.3	4176.1	4009.1	3842.2	3822.3	3802.5	3799.5
37.5°	6121.6	5647.7	5173.9	4811.8	4449.8	4438.9	4428.1	4518.8	4609.6	4656.7
40°	6640.4	6125.0	5609.7	5340.5	5071.2	5261.3	5451.3	5671.9	5892.4	6002.3
42.5°	7328.4	6817.1	6305.8	6150.7	5995.6	6410.1	6824.6	7225.8	7626.9	7862.5
45°	8178.1	7718.8	7259.3	7190.9	7122.4	7786.5	8450.6	9109.8	9769.1	10169.3
47.5°	9240.6	8793.8	8346.9	8333.0	8319.1	9277.1	10234.8	11199.9	12164.8	12731.4
50°	10633.3	10081.4	9529.6	9531.9	9534.3	10768.9	12003.5	13277.3	14551.1	15321.3
52.5°	12232.1	11563.7	10895.5	10828.0	10760.3	12235.0	13709.7	15285.8	16861.7	17784.9
55°	13934.1	13273.8	12613.5	12350.1	12086.7	13728.0	15369.1	17248.1	19127.0	20224.9
57.5°	15482.2	15122.6	14763.0	14234.6	13706.3	15363.6	17020.8	19149.0	21277.1	22638.6
60°	16417.8	16976.3	17534.9	16878.8	16222.7	17791.0	19359.3	21637.9	23916.5	25388.0
62.5°	15942.7	17468.8	18994.8	18920.9	18846.8	20283.5	21720.3	23888.2	26055.9	27416.0
65°	14991.8	16424.1	17856.3	18139.7	18423.0	20248.8	22074.7	24176.8	26278.8	27436.8
67.5°	13717.7	15079.9	16442.1	16575.0	16707.8	18610.1	20512.4	22623.5	24734.6	25641.8
70°	12187.0	13668.6	15150.4	15209.8	15269.3	16970.5	18671.6	20488.4	22305.0	22809.2
72.5°	10362.9	12063.1	13763.5	13806.2	13848.8	15179.8	16510.8	17871.5	19232.0	19283.0
75°	8055.3	9815.1	11574.8	11732.8	11890.8	12926.3	13961.9	14919.7	15877.5	15620.9
77.5°	5755.4	7398.1	9040.9	9267.0	9493.1	10280.3	11067.5	11746.8	12426.3	11985.1
80°	3766.9	5148.9	6530.8	6811.8	7092.9	7687.4	8281.7	8638.5	8995.1	8285.6
82.5°	2189.6	3134.4	4079.4	4393.3	4707.4	5116.6	5525.8	5674.6	5823.3	5265.7
85°	963.4	1464.9	1966.3	2233.3	2500.4	2836.6	3172.7	3257.2	3341.7	2895.0
87.5°	298.2	466.8	635.3	784.3	933.3	1101.4	1269.5	1276.8	1283.8	1077.8
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°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3996.4	2.5°	3990.2	3984.0	3971.5	3959.0	3938.0	3917.1	3902.2	3887.5	3857.7	3827.9
4474.7	5°	4457.8	4441.0	4413.3	4385.5	4334.4	4283.3	4231.7	4180.2	4114.3	4048.5
4932.1	7.5°	4907.7	4883.1	4837.8	4792.4	4717.1	4641.7	4558.1	4474.3	4365.6	4256.9
5228.9	10°	5205.2	5181.4	5128.1	5074.5	4986.2	4897.8	4798.8	4699.7	4562.3	4424.8
5315.6	12.5°	5302.6	5289.6	5250.7	5211.9	5132.2	5052.3	4945.1	4837.8	4686.7	4535.8
5182.2	15°	5196.1	5209.9	5208.5	5207.2	5156.9	5106.9	5014.3	4921.7	4764.2	4606.8
4880.3	17.5°	4931.9	4983.4	5039.6	5095.8	5094.9	5094.0	5031.4	4968.8	4809.2	4649.5
4504.1	20°	4594.4	4684.7	4808.8	4932.8	4998.7	5064.6	5042.6	5020.9	4855.0	4688.9
4160.4	22.5°	4273.3	4386.2	4568.6	4751.1	4887.6	5024.1	5052.6	5081.2	4911.7	4742.0
3883.8	25°	4002.3	4121.0	4342.5	4564.1	4771.3	4978.6	5068.7	5158.9	4992.7	4826.7
3668.4	27.5°	3785.0	3901.8	4147.4	4392.9	4667.3	4941.8	5103.1	5264.3	5105.9	4947.3
3521.7	30°	3630.1	3738.4	3994.2	4250.0	4587.9	4925.8	5166.1	5406.5	5253.3	5100.3
3500.5	32.5°	3585.7	3670.7	3911.1	4151.5	4533.8	4916.1	5245.2	5574.3	5422.7	5271.2
3802.5	35°	3822.3	3842.2	4009.1	4176.1	4574.3	4972.7	5375.4	5778.3	5633.2	5487.9
4609.6	37.5°	4518.8	4428.1	4438.9	4449.8	4811.8	5173.9	5647.7	6121.6	5936.5	5751.5
5892.4	40°	5671.9	5451.3	5261.3	5071.2	5340.5	5609.7	6125.0	6640.4	6370.7	6101.0
7626.9	42.5°	7225.8	6824.6	6410.1	5995.6	6150.7	6305.8	6817.1	7328.4	6939.2	6549.9
9769.1	45°	9109.8	8450.6	7786.5	7122.4	7190.9	7259.3	7718.8	8178.1	7653.0	7128.0
12164.8	47.5°	11199.9	10234.8	9277.1	8319.1	8333.0	8346.9	8793.8	9240.6	8501.7	7762.6
14551.1	50°	13277.3	12003.5	10768.9	9534.3	9531.9	9529.6	10081.4	10633.3	9519.3	8405.1
16861.7	52.5°	15285.8	13709.7	12235.0	10760.3	10828.0	10895.5	11563.7	12232.1	10588.3	8944.5
19127.0	55°	17248.1	15369.1	13728.0	12086.7	12350.1	12613.5	13273.8	13934.1	11536.0	9138.0
21277.1	57.5°	19149.0	17020.8	15363.6	13706.3	14234.6	14763.0	15122.6	15482.2	12207.6	8933.1
23916.5	60°	21637.9	19359.3	17791.0	16222.7	16878.8	17534.9	16976.3	16417.8	12375.5	8333.0
26055.9	62.5°	23888.2	21720.3	20283.5	18846.8	18920.9	18994.8	17468.8	15942.7	11668.7	7394.7
26278.8	65°	24176.8	22074.7	20248.8	18423.0	18139.7	17856.3	16424.1	14991.8	10668.7	6345.6
24734.6	67.5°	22623.5	20512.4	18610.1	16707.8	16575.0	16442.1	15079.9	13717.7	9478.7	5239.6
22305.0	70°	20488.4	18671.6	16970.5	15269.3	15209.8	15150.4	13668.6	12187.0	8180.1	4173.3
19232.0	72.5°	17871.5	16510.8	15179.8	13848.8	13806.2	13763.5	12063.1	10362.9	6772.4	3182.2
15877.5	75°	14919.7	13961.9	12926.3	11890.8	11732.8	11574.8	9815.1	8055.3	5158.7	2262.2
12426.3	77.5°	11746.8	11067.5	10280.3	9493.1	9267.0	9040.9	7398.1	5755.4	3610.7	1466.0
8995.1	80°	8638.5	8281.7	7687.4	7092.9	6811.8	6530.8	5148.9	3766.9	2326.3	885.7
5823.3	82.5°	5674.6	5525.8	5116.6	4707.4	4393.3	4079.4	3134.4	2189.6	1346.4	503.3
3341.7	85°	3257.2	3172.7	2836.6	2500.4	2233.3	1966.3	1464.9	963.4	605.6	248.0
1283.8	87.5°	1276.8	1269.5	1101.4	933.3	784.3	635.3	466.8	298.2	198.4	98.5
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3796.1	2.5°	3764.5	3732.6	3700.7	3670.2	3639.7	3610.1	3577.2	3550.6	3524.1	3500.1
3982.7	5°	3917.1	3850.9	3784.9	3723.2	3661.4	3603.2	3545.6	3495.4	3445.0	3402.9
4156.5	7.5°	4056.1	3958.3	3860.5	3774.3	3688.2	3608.7	3534.2	3467.4	3400.6	3345.2
4292.0	10°	4159.4	4040.7	3921.8	3820.0	3717.9	3619.8	3539.8	3469.3	3398.8	3343.4
4385.4	12.5°	4235.0	4094.9	3954.8	3839.5	3724.3	3621.2	3546.7	3489.0	3431.6	3394.7
4443.7	15°	4280.5	4119.2	3957.9	3824.4	3691.0	3576.8	3517.2	3489.6	3462.1	3467.1
4471.5	17.5°	4293.6	4106.3	3919.0	3758.5	3598.0	3463.8	3427.0	3437.1	3447.1	3507.6
4493.3	20°	4297.7	4070.8	3843.8	3644.9	3446.0	3289.7	3280.0	3327.1	3374.3	3479.3
4522.7	22.5°	4303.3	4027.2	3751.2	3511.6	3272.1	3094.1	3113.1	3182.9	3252.6	3372.5
4576.0	25°	4325.2	3984.2	3643.4	3362.8	3082.3	2899.9	2951.2	3031.7	3112.1	3219.9
4659.2	27.5°	4371.0	3955.5	3540.1	3226.7	2913.3	2747.3	2809.7	2887.4	2965.1	3053.7
4767.0	30°	4433.7	3942.1	3450.2	3112.9	2775.7	2636.3	2685.3	2746.9	2808.7	2882.3
4879.5	32.5°	4487.8	3925.4	3362.8	3014.9	2666.8	2554.5	2576.3	2612.7	2649.2	2707.9
5007.7	35°	4527.4	3894.1	3261.0	2918.5	2576.0	2482.3	2473.3	2483.3	2493.4	2538.2
5151.3	37.5°	4551.0	3840.4	3129.7	2805.0	2480.3	2398.4	2365.4	2354.3	2343.2	2375.4
5333.5	40°	4565.9	3766.4	2967.2	2669.6	2372.1	2297.8	2247.2	2222.1	2197.0	2220.2
5572.0	42.5°	4594.0	3690.1	2786.5	2520.2	2253.9	2185.5	2121.7	2088.4	2055.1	2074.0
5885.8	45°	4643.6	3619.3	2595.1	2361.5	2127.9	2058.6	1996.8	1964.4	1932.0	1947.9
6220.1	47.5°	4677.5	3560.7	2443.9	2236.0	2028.0	1938.6	1885.4	1858.3	1831.1	1846.0
6530.2	50°	4655.3	3496.9	2338.5	2152.6	1966.7	1849.1	1787.4	1763.2	1739.2	1762.5
6731.7	52.5°	4518.7	3389.1	2259.7	2097.7	1935.8	1800.5	1714.3	1690.4	1666.7	1701.8
6687.3	55°	4236.4	3210.5	2184.5	2057.9	1931.2	1805.4	1675.4	1637.7	1600.1	1649.9
6374.9	57.5°	3816.8	2958.6	2100.2	2010.7	1921.2	1810.3	1652.1	1597.2	1542.3	1595.8
5793.5	60°	3254.0	2631.5	2008.9	1938.6	1868.2	1795.0	1630.2	1559.0	1487.7	1534.8
5007.4	62.5°	2620.1	2240.0	1859.9	1813.2	1766.6	1757.5	1604.7	1515.6	1426.7	1456.5
4205.3	65°	2065.2	1887.8	1710.4	1688.3	1666.3	1667.4	1550.9	1456.3	1361.5	1373.0
3419.7	67.5°	1599.7	1549.3	1498.8	1511.2	1523.4	1520.3	1454.9	1376.1	1297.3	1293.7
2692.5	70°	1211.7	1226.1	1240.4	1297.6	1354.6	1354.6	1333.1	1277.0	1221.0	1208.5
2058.4	72.5°	934.7	978.1	1021.7	1102.7	1183.5	1197.1	1197.4	1159.0	1120.6	1102.2
1494.0	75°	725.8	765.2	804.6	895.3	986.0	1048.7	1043.4	1013.9	984.2	966.7
1012.4	77.5°	558.8	585.5	612.4	700.5	788.6	892.0	889.2	865.5	841.7	824.0
652.2	80°	418.9	430.0	441.1	515.7	590.2	713.7	713.3	693.4	673.5	658.6
401.2	82.5°	299.4	301.3	303.5	358.4	413.4	518.8	524.6	514.9	505.2	494.7
214.5	85°	181.0	180.1	178.9	219.2	259.4	337.8	345.4	335.0	324.6	312.8
88.9	87.5°	79.3	78.4	77.4	93.8	110.3	142.9	152.6	148.4	144.3	142.0
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3476.2	2.5°	3455.3	3434.4	3413.3	3392.3	3376.1	3359.7	3346.5	3333.4	3323.1	3312.8
3360.8	5°	3323.7	3286.5	3252.8	3218.9	3193.0	3166.9	3148.7	3130.6	3117.7	3104.8
3289.7	7.5°	3242.9	3196.0	3154.7	3113.5	3082.6	3051.8	3030.1	3008.5	2993.7	2978.9
3287.9	10°	3237.5	3187.0	3140.6	3094.1	3057.2	3020.1	2996.0	2971.6	2957.6	2943.6
3358.1	12.5°	3318.4	3279.0	3230.9	3182.9	3135.7	3088.5	3057.3	3026.1	3010.4	2994.9
3472.1	15°	3461.8	3451.6	3409.8	3368.0	3300.9	3233.8	3186.3	3138.9	3117.1	3095.5
3568.1	17.5°	3600.3	3632.3	3598.6	3565.0	3476.1	3387.2	3317.3	3247.4	3215.2	3182.9
3584.4	20°	3651.7	3719.0	3703.5	3687.8	3586.1	3484.6	3398.8	3313.3	3272.1	3230.7
3492.6	22.5°	3580.1	3667.7	3677.1	3686.4	3589.3	3492.2	3404.0	3315.6	3272.2	3228.6
3327.8	25°	3414.0	3500.1	3532.3	3564.3	3484.7	3405.2	3326.7	3248.5	3210.7	3173.2
3142.2	27.5°	3211.3	3280.4	3316.2	3352.1	3295.4	3238.8	3177.9	3117.0	3091.7	3066.3
2955.8	30°	3013.1	3070.5	3099.6	3128.8	3085.6	3042.3	2998.8	2954.9	2942.0	2929.0
2766.7	32.5°	2821.6	2876.7	2909.0	2941.5	2901.8	2862.0	2827.2	2792.4	2783.9	2775.4
2582.9	35°	2637.3	2691.8	2730.6	2769.5	2741.2	2713.0	2680.8	2648.8	2635.9	2623.1
2407.4	37.5°	2461.7	2516.0	2564.0	2612.0	2599.0	2586.0	2556.4	2526.7	2503.3	2480.0
2243.3	40°	2295.8	2348.2	2403.4	2458.8	2461.9	2465.0	2439.9	2414.8	2380.7	2346.8
2093.0	42.5°	2142.6	2192.4	2252.1	2311.7	2327.7	2343.6	2322.4	2301.3	2259.0	2216.7
1964.0	45°	2011.1	2058.3	2120.1	2182.0	2204.9	2227.8	2208.7	2189.6	2141.2	2093.0
1860.9	47.5°	1907.1	1953.1	2014.2	2075.2	2101.6	2127.9	2114.6	2101.3	2058.3	2015.3
1786.0	50°	1829.5	1873.0	1927.6	1982.3	2016.1	2050.0	2049.1	2048.6	2014.2	1979.8
1736.7	52.5°	1776.7	1816.5	1867.4	1918.5	1958.5	1998.6	2005.8	2013.1	1985.0	1957.0
1699.6	55°	1742.6	1785.6	1830.2	1874.8	1917.2	1959.8	1969.8	1979.8	1955.4	1930.9
1649.3	57.5°	1699.8	1750.3	1794.4	1838.7	1881.6	1924.3	1934.4	1944.5	1919.8	1895.2
1581.7	60°	1639.6	1697.6	1742.4	1787.4	1830.4	1873.4	1884.5	1895.6	1871.4	1847.4
1486.4	62.5°	1553.9	1621.6	1669.5	1717.3	1756.7	1796.1	1806.8	1817.5	1795.7	1773.9
1384.4	65°	1456.8	1529.4	1575.1	1620.9	1655.6	1690.3	1701.2	1712.0	1691.1	1670.2
1290.1	67.5°	1356.9	1423.9	1467.3	1510.6	1540.6	1570.6	1581.2	1591.8	1572.5	1553.4
1196.0	70°	1254.8	1313.6	1351.1	1388.6	1415.6	1442.7	1452.9	1463.2	1447.5	1431.8
1084.1	72.5°	1130.4	1176.6	1210.4	1244.3	1270.8	1297.3	1309.5	1321.7	1308.7	1295.6
949.1	75°	983.5	1017.9	1048.6	1079.2	1103.4	1127.5	1140.3	1153.0	1146.6	1140.3
806.2	77.5°	834.2	862.1	888.5	914.8	940.2	965.5	977.4	989.3	980.5	971.3
643.6	80°	667.0	690.1	712.3	734.5	753.8	772.9	788.7	804.6	800.7	796.9
484.1	82.5°	482.2	480.2	472.5	464.7	505.8	546.8	573.7	600.6	599.0	597.2
301.0	85°	291.0	280.9	259.4	237.9	276.3	314.9	348.2	381.5	378.7	375.9
139.8	87.5°	139.4	139.0	122.6	106.1	122.2	138.4	151.9	165.4	162.0	158.4
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3303.4	2.5°	3293.8	3282.0	3293.8	3303.4	3312.8	3323.1	3333.4	3346.5	3359.7	3376.1
3094.9	5°	3085.1	3075.4	3085.1	3094.9	3104.8	3117.7	3130.6	3148.7	3166.9	3193.0
2970.1	7.5°	2961.3	2954.7	2961.3	2970.1	2978.9	2993.7	3008.5	3030.1	3051.8	3082.6
2936.1	10°	2928.6	2925.5	2928.6	2936.1	2943.6	2957.6	2971.6	2996.0	3020.1	3057.2
2988.5	12.5°	2982.1	2981.0	2982.1	2988.5	2994.9	3010.4	3026.1	3057.3	3088.5	3135.7
3087.1	15°	3078.8	3078.1	3078.8	3087.1	3095.5	3117.1	3138.9	3186.3	3233.8	3300.9
3172.3	17.5°	3161.6	3160.0	3161.6	3172.3	3182.9	3215.2	3247.4	3317.3	3387.2	3476.1
3217.5	20°	3204.4	3200.2	3204.4	3217.5	3230.7	3272.1	3313.3	3398.8	3484.6	3586.1
3214.1	22.5°	3199.5	3193.3	3199.5	3214.1	3228.6	3272.2	3315.6	3404.0	3492.2	3589.3
3159.4	25°	3145.8	3137.8	3145.8	3159.4	3173.2	3210.7	3248.5	3326.7	3405.2	3484.7
3060.1	27.5°	3053.9	3051.8	3053.9	3060.1	3066.3	3091.7	3117.0	3177.9	3238.8	3295.4
2929.0	30°	2929.0	2931.1	2929.0	2929.0	2929.0	2942.0	2954.9	2998.8	3042.3	3085.6
2776.6	32.5°	2777.8	2779.9	2777.8	2776.6	2775.4	2783.9	2792.4	2827.2	2862.0	2901.8
2620.4	35°	2617.6	2616.2	2617.6	2620.4	2623.1	2635.9	2648.8	2680.8	2713.0	2741.2
2467.6	37.5°	2455.3	2448.4	2455.3	2467.6	2480.0	2503.3	2526.7	2556.4	2586.0	2599.0
2323.8	40°	2301.0	2287.4	2301.0	2323.8	2346.8	2380.7	2414.8	2439.9	2465.0	2461.9
2183.3	42.5°	2149.8	2127.9	2149.8	2183.3	2216.7	2259.0	2301.3	2322.4	2343.6	2327.7
2053.7	45°	2014.4	1989.2	2014.4	2053.7	2093.0	2141.2	2189.6	2208.7	2227.8	2204.9
1978.9	47.5°	1942.7	1918.5	1942.7	1978.9	2015.3	2058.3	2101.3	2114.6	2127.9	2101.6
1946.2	50°	1912.6	1889.3	1912.6	1946.2	1979.8	2014.2	2048.6	2049.1	2050.0	2016.1
1926.9	52.5°	1897.0	1875.5	1897.0	1926.9	1957.0	1985.0	2013.1	2005.8	1998.6	1958.5
1904.6	55°	1878.2	1858.8	1878.2	1904.6	1930.9	1955.4	1979.8	1969.8	1959.8	1917.2
1869.1	57.5°	1842.9	1822.7	1842.9	1869.1	1895.2	1919.8	1944.5	1934.4	1924.3	1881.6
1820.5	60°	1793.6	1772.8	1793.6	1820.5	1847.4	1871.4	1895.6	1884.5	1873.4	1830.4
1745.6	62.5°	1717.3	1692.3	1717.3	1745.6	1773.9	1795.7	1817.5	1806.8	1796.1	1756.7
1642.7	65°	1615.4	1593.9	1615.4	1642.7	1670.2	1691.1	1712.0	1701.2	1690.3	1655.6
1527.8	67.5°	1502.3	1482.9	1502.3	1527.8	1553.4	1572.5	1591.8	1581.2	1570.6	1540.6
1407.4	70°	1383.0	1360.8	1383.0	1407.4	1431.8	1447.5	1463.2	1452.9	1442.7	1415.6
1272.3	72.5°	1249.1	1227.6	1249.1	1272.3	1295.6	1308.7	1321.7	1309.5	1297.3	1270.8
1120.7	75°	1101.1	1080.6	1101.1	1120.7	1140.3	1146.6	1153.0	1140.3	1127.5	1103.4
951.6	77.5°	931.9	915.5	931.9	951.6	971.3	980.5	989.3	977.4	965.5	940.2
770.4	80°	743.8	713.0	743.8	770.4	796.9	800.7	804.6	788.7	772.9	753.8
574.8	82.5°	552.4	532.7	552.4	574.8	597.2	599.0	600.6	573.7	546.8	505.8
358.4	85°	341.0	323.2	341.0	358.4	375.9	378.7	381.5	348.2	314.9	276.3
149.5	87.5°	140.4	131.8	140.4	149.5	158.4	162.0	165.4	151.9	138.4	122.2
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°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3392.3	2.5°	3413.3	3434.4	3455.3	3476.2	3500.1	3524.1	3550.6	3577.2	3610.1	3639.7
3218.9	5°	3252.8	3286.5	3323.7	3360.8	3402.9	3445.0	3495.4	3545.6	3603.2	3661.4
3113.5	7.5°	3154.7	3196.0	3242.9	3289.7	3345.2	3400.6	3467.4	3534.2	3608.7	3688.2
3094.1	10°	3140.6	3187.0	3237.5	3287.9	3343.4	3398.8	3469.3	3539.8	3619.8	3717.9
3182.9	12.5°	3230.9	3279.0	3318.4	3358.1	3394.7	3431.6	3489.0	3546.7	3621.2	3724.3
3368.0	15°	3409.8	3451.6	3461.8	3472.1	3467.1	3462.1	3489.6	3517.2	3576.8	3691.0
3565.0	17.5°	3598.6	3632.3	3600.3	3568.1	3507.6	3447.1	3437.1	3427.0	3463.8	3598.0
3687.8	20°	3703.5	3719.0	3651.7	3584.4	3479.3	3374.3	3327.1	3280.0	3289.7	3446.0
3686.4	22.5°	3677.1	3667.7	3580.1	3492.6	3372.5	3252.6	3182.9	3113.1	3094.1	3272.1
3564.3	25°	3532.3	3500.1	3414.0	3327.8	3219.9	3112.1	3031.7	2951.2	2899.9	3082.3
3352.1	27.5°	3316.2	3280.4	3211.3	3142.2	3053.7	2965.1	2887.4	2809.7	2747.3	2913.3
3128.8	30°	3099.6	3070.5	3013.1	2955.8	2882.3	2808.7	2746.9	2685.3	2636.3	2775.7
2941.5	32.5°	2909.0	2876.7	2821.6	2766.7	2707.9	2649.2	2612.7	2576.3	2554.5	2666.8
2769.5	35°	2730.6	2691.8	2637.3	2582.9	2538.2	2493.4	2483.3	2473.3	2482.3	2576.0
2612.0	37.5°	2564.0	2516.0	2461.7	2407.4	2375.4	2343.2	2354.3	2365.4	2398.4	2480.3
2458.8	40°	2403.4	2348.2	2295.8	2243.3	2220.2	2197.0	2222.1	2247.2	2297.8	2372.1
2311.7	42.5°	2252.1	2192.4	2142.6	2093.0	2074.0	2055.1	2088.4	2121.7	2185.5	2253.9
2182.0	45°	2120.1	2058.3	2011.1	1964.0	1947.9	1932.0	1964.4	1996.8	2058.6	2127.9
2075.2	47.5°	2014.2	1953.1	1907.1	1860.9	1846.0	1831.1	1858.3	1885.4	1938.6	2028.0
1982.3	50°	1927.6	1873.0	1829.5	1786.0	1762.5	1739.2	1763.2	1787.4	1849.1	1966.7
1918.5	52.5°	1867.4	1816.5	1776.7	1736.7	1701.8	1666.7	1690.4	1714.3	1800.5	1935.8
1874.8	55°	1830.2	1785.6	1742.6	1699.6	1649.9	1600.1	1637.7	1675.4	1805.4	1931.2
1838.7	57.5°	1794.4	1750.3	1699.8	1649.3	1595.8	1542.3	1597.2	1652.1	1810.3	1921.2
1787.4	60°	1742.4	1697.6	1639.6	1581.7	1534.8	1487.7	1559.0	1630.2	1795.0	1868.2
1717.3	62.5°	1669.5	1621.6	1553.9	1486.4	1456.5	1426.7	1515.6	1604.7	1757.5	1766.6
1620.9	65°	1575.1	1529.4	1456.8	1384.4	1373.0	1361.5	1456.3	1550.9	1667.4	1666.3
1510.6	67.5°	1467.3	1423.9	1356.9	1290.1	1293.7	1297.3	1376.1	1454.9	1520.3	1523.4
1388.6	70°	1351.1	1313.6	1254.8	1196.0	1208.5	1221.0	1277.0	1333.1	1354.6	1354.6
1244.3	72.5°	1210.4	1176.6	1130.4	1084.1	1102.2	1120.6	1159.0	1197.4	1197.1	1183.5
1079.2	75°	1048.6	1017.9	983.5	949.1	966.7	984.2	1013.9	1043.4	1048.7	986.0
914.8	77.5°	888.5	862.1	834.2	806.2	824.0	841.7	865.5	889.2	892.0	788.6
734.5	80°	712.3	690.1	667.0	643.6	658.6	673.5	693.4	713.3	713.7	590.2
464.7	82.5°	472.5	480.2	482.2	484.1	494.7	505.2	514.9	524.6	518.8	413.4
237.9	85°	259.4	280.9	291.0	301.0	312.8	324.6	335.0	345.4	337.8	259.4
106.1	87.5°	122.6	139.0	139.4	139.8	142.0	144.3	148.4	152.6	142.9	110.3
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°
3615.0	0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
3670.2	2.5°	3700.7	3732.6	3764.5	3796.1	3827.9	3857.7	3887.5
3723.2	5°	3784.9	3850.9	3917.1	3982.7	4048.5	4114.3	4180.2
3774.3	7.5°	3860.5	3958.3	4056.1	4156.5	4256.9	4365.6	4474.3
3820.0	10°	3921.8	4040.7	4159.4	4292.0	4424.8	4562.3	4699.7
3839.5	12.5°	3954.8	4094.9	4235.0	4385.4	4535.8	4686.7	4837.8
3824.4	15°	3957.9	4119.2	4280.5	4443.7	4606.8	4764.2	4921.7
3758.5	17.5°	3919.0	4106.3	4293.6	4471.5	4649.5	4809.2	4968.8
3644.9	20°	3843.8	4070.8	4297.7	4493.3	4688.9	4855.0	5020.9
3511.6	22.5°	3751.2	4027.2	4303.3	4522.7	4742.0	4911.7	5081.2
3362.8	25°	3643.4	3984.2	4325.2	4576.0	4826.7	4992.7	5158.9
3226.7	27.5°	3540.1	3955.5	4371.0	4659.2	4947.3	5105.9	5264.3
3112.9	30°	3450.2	3942.1	4433.7	4767.0	5100.3	5253.3	5406.5
3014.9	32.5°	3362.8	3925.4	4487.8	4879.5	5271.2	5422.7	5574.3
2918.5	35°	3261.0	3894.1	4527.4	5007.7	5487.9	5633.2	5778.3
2805.0	37.5°	3129.7	3840.4	4551.0	5151.3	5751.5	5936.5	6121.6
2669.6	40°	2967.2	3766.4	4565.9	5333.5	6101.0	6370.7	6640.4
2520.2	42.5°	2786.5	3690.1	4594.0	5572.0	6549.9	6939.2	7328.4
2361.5	45°	2595.1	3619.3	4643.6	5885.8	7128.0	7653.0	8178.1
2236.0	47.5°	2443.9	3560.7	4677.5	6220.1	7762.6	8501.7	9240.6
2152.6	50°	2338.5	3496.9	4655.3	6530.2	8405.1	9519.3	10633.3
2097.7	52.5°	2259.7	3389.1	4518.7	6731.7	8944.5	10588.3	12232.1
2057.9	55°	2184.5	3210.5	4236.4	6687.3	9138.0	11536.0	13934.1
2010.7	57.5°	2100.2	2958.6	3816.8	6374.9	8933.1	12207.6	15482.2
1938.6	60°	2008.9	2631.5	3254.0	5793.5	8333.0	12375.5	16417.8
1813.2	62.5°	1859.9	2240.0	2620.1	5007.4	7394.7	11668.7	15942.7
1688.3	65°	1710.4	1887.8	2065.2	4205.3	6345.6	10668.7	14991.8
1511.2	67.5°	1498.8	1549.3	1599.7	3419.7	5239.6	9478.7	13717.7
1297.6	70°	1240.4	1226.1	1211.7	2692.5	4173.3	8180.1	12187.0
1102.7	72.5°	1021.7	978.1	934.7	2058.4	3182.2	6772.4	10362.9
895.3	75°	804.6	765.2	725.8	1494.0	2262.2	5158.7	8055.3
700.5	77.5°	612.4	585.5	558.8	1012.4	1466.0	3610.7	5755.4
515.7	80°	441.1	430.0	418.9	652.2	885.7	2326.3	3766.9
358.4	82.5°	303.5	301.3	299.4	401.2	503.3	1346.4	2189.6
219.2	85°	178.9	180.1	181.0	214.5	248.0	605.6	963.4
93.8	87.5°	77.4	78.4	79.3	88.9	98.5	198.4	298.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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