

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: P955972

Luminaire Tested: **GALN-SB8D-735-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P955972  
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-SB8D-735-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

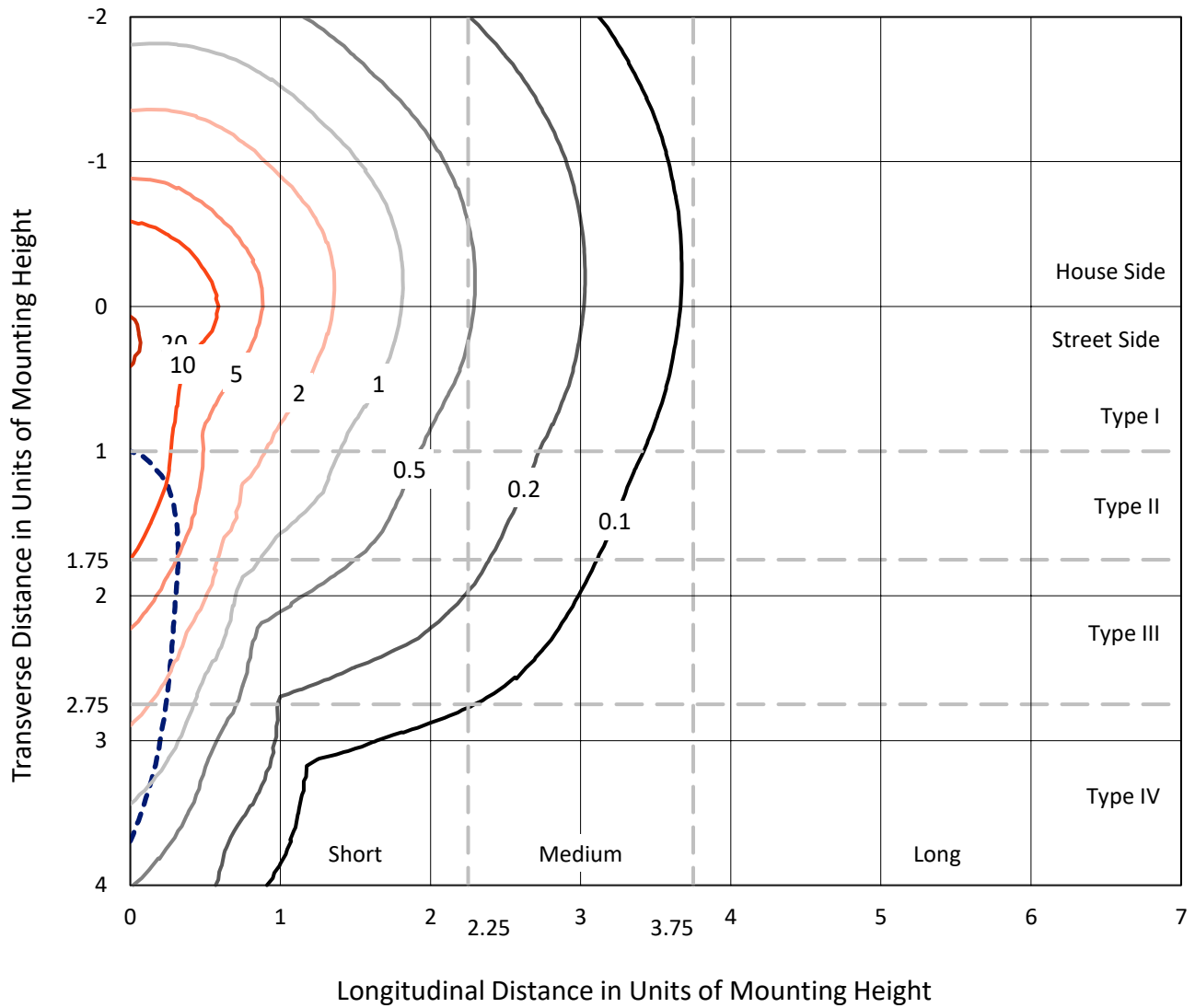
Lumens per Lamp: N/A  
Luminaire Lumens: 81990 lumens  
Efficiency: N/A  
Efficacy: 140.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B5 - U0 - G5  
  
Input Watts (W): 584.9  
Input Voltage (V): NR  
Input Current (Ain): 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

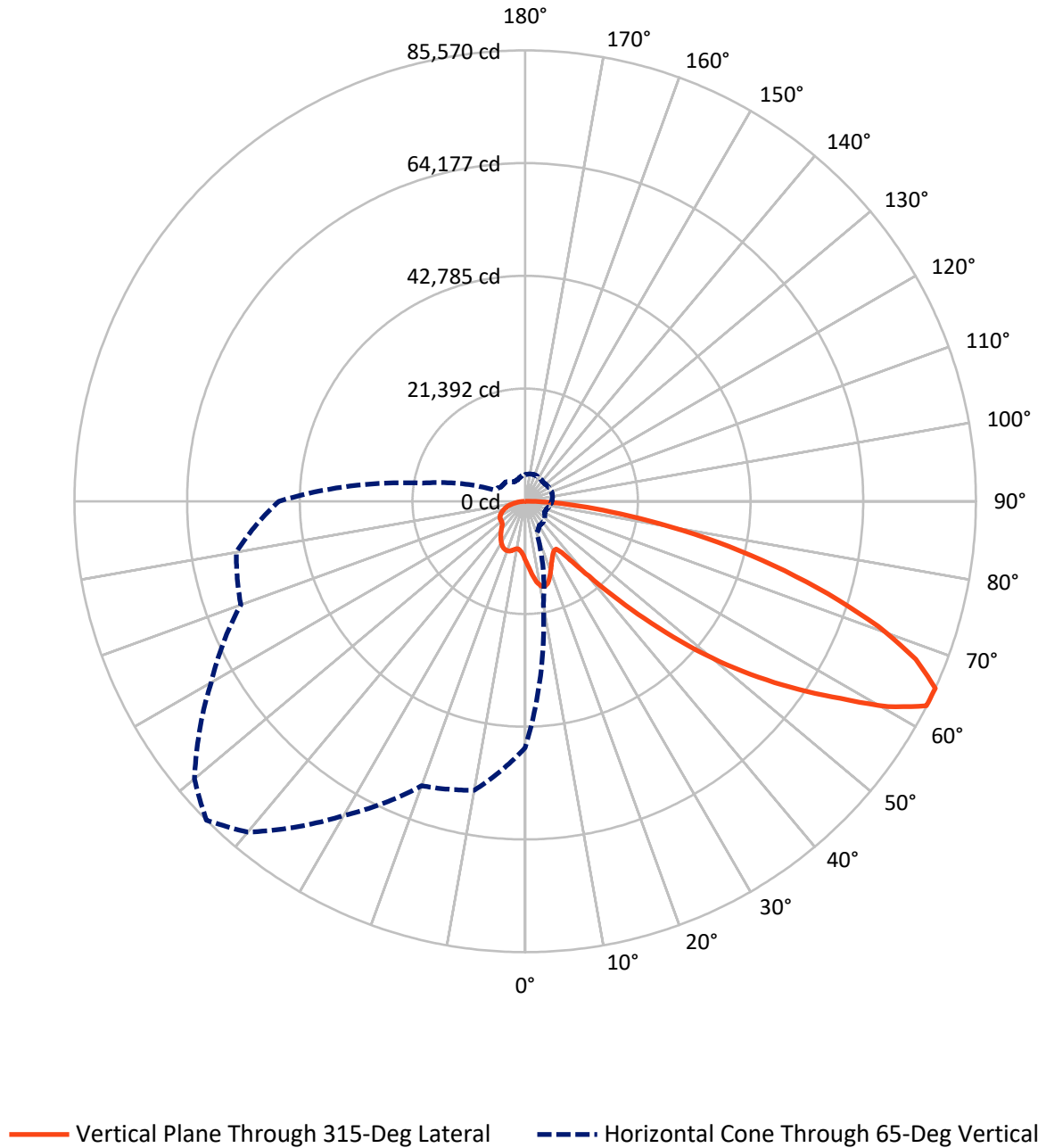
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	20837.7	0.0	20837.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	61152.3	0.0	61152.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	81990.0	0.0	81990.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1118.4	1.4
10°-20°	3510.9	4.3
20°-30°	5423.1	6.6
30°-40°	6872.5	8.4
40°-50°	10365.4	12.6
50°-60°	16746.9	20.4
60°-70°	20877.6	25.5
70°-80°	13690.5	16.7
80°-90°	3384.6	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°	81990.0	100.0
0°-180°	81990.0	100.0

**Coefficient of Utilization**



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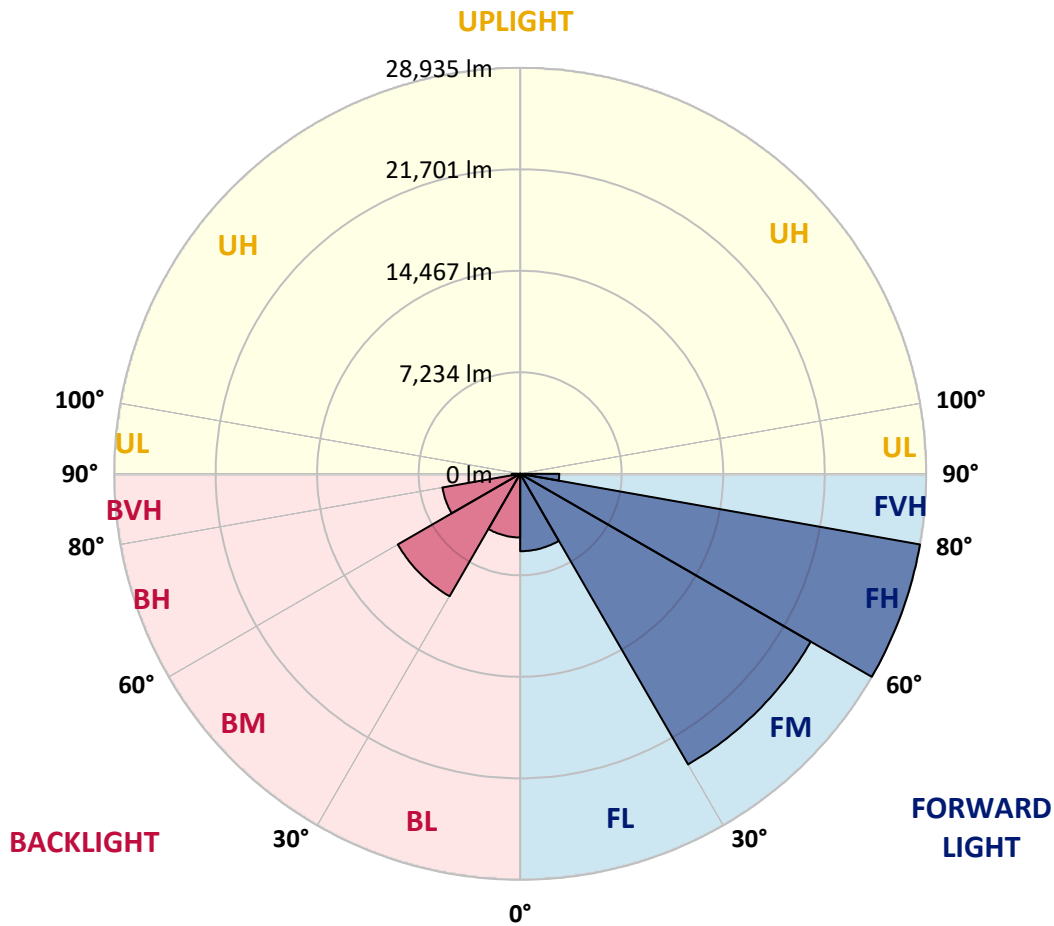
CATALOG NUMBER: GALN-SB8D-735-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5514.8	6.7			
FM (30°-60°)	23914.7	29.2			
FH (60°-80°)	28934.6	35.3			G5
FVH (80°-90°)	2788.2	3.4			G5
BL (0°-30°)	4537.7	5.5	B4/5000		
BM (30°-60°)	10070.1	12.3	B5		
BH (60°-80°)	5633.6	6.9	B5		G5
BVH (80°-90°)	596.4	0.7			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
2.5°	12124.4	12031.4	11938.4	11839.3	11740.7	11641.2	11541.7	11446.5	11351.3	11259.2
5°	13037.3	12831.8	12626.3	12421.2	12216.6	12010.2	11804.3	11611.8	11419.3	11237.6
7.5°	13954.5	13615.3	13276.5	12963.3	12650.1	12345.1	12040.1	11771.4	11502.8	11254.9
10°	14657.5	14228.8	13800.0	13386.0	12972.4	12602.1	12231.3	11913.8	11595.3	11289.5
12.5°	15088.0	14616.8	14146.1	13677.2	13208.2	12771.2	12334.3	11974.8	11615.2	11293.8
15°	15349.7	14858.7	14367.6	13858.9	13350.1	12846.9	12343.8	11927.6	11511.4	11155.4
17.5°	15496.8	14998.8	14500.9	13945.8	13390.8	12806.7	12222.7	11722.1	11221.6	10802.8
20°	15659.0	15141.6	14623.8	14013.7	13403.7	12696.0	11988.2	11367.8	10747.4	10259.8
22.5°	15847.2	15318.6	14789.4	14105.5	13421.0	12560.1	11699.2	10952.0	10204.9	9649.8
25°	16089.5	15571.2	15053.4	14271.6	13489.4	12426.0	11363.0	10487.8	9613.0	9044.1
27.5°	16418.3	15924.2	15429.7	14531.2	13632.2	12336.4	11040.7	10063.4	9086.1	8568.2
30°	16861.7	16384.1	15906.9	14867.3	13827.7	12294.5	10760.4	9708.6	8656.9	8222.1
32.5°	17385.2	16912.4	16439.9	15218.2	13996.4	12242.6	10487.8	9402.8	8317.3	7966.9
35°	18021.2	17568.7	17115.7	15617.9	14120.2	12144.8	10170.3	9102.1	8033.9	7741.9
37.5°	19092.0	18514.8	17937.7	16065.7	14193.7	11977.4	9761.0	8748.2	7735.4	7480.2
40°	20710.0	19869.0	19027.9	16634.2	14240.0	11746.8	9254.0	8326.0	7398.0	7166.5
42.5°	22855.8	21641.9	20427.9	17377.9	14327.8	11508.8	8690.7	7860.0	7029.4	6816.1
45°	25505.7	23868.2	22230.7	18356.5	14482.3	11287.7	8093.6	7365.1	6636.5	6420.2
47.5°	28819.6	26515.0	24210.0	19399.1	14588.3	11105.2	7622.1	6973.6	6325.0	6046.0
50°	33163.2	29688.8	26213.9	20366.5	14519.1	10906.2	7293.3	6713.5	6133.8	5767.0
52.5°	38149.3	33022.6	27896.0	20994.7	14092.9	10570.0	7047.5	6542.2	6037.3	5615.5
55°	43457.7	35978.4	28499.5	20856.2	13212.5	10012.8	6813.1	6418.1	6023.1	5630.7
57.5°	48285.8	38073.1	27860.5	19881.9	11903.8	9227.1	6550.0	6271.0	5991.9	5645.8
60°	51203.9	38596.6	25988.9	18068.8	10148.6	8207.0	6265.3	6046.0	5826.7	5598.2
62.5°	49722.1	36392.4	23062.6	15617.1	8171.5	6986.1	5800.7	5654.9	5509.5	5481.4
65°	46756.5	33273.6	19790.6	13115.6	6441.0	5887.7	5334.3	5265.5	5196.7	5200.2
67.5°	42782.8	29562.0	16341.3	10665.2	4989.1	4832.0	4674.6	4713.1	4751.1	4741.6
70°	38008.7	25512.2	13015.7	8397.3	3779.0	3824.0	3868.6	4046.8	4224.6	4224.6
72.5°	32319.6	21121.8	9924.5	6419.8	2915.1	3050.5	3186.3	3439.0	3691.2	3733.6
75°	25122.8	16089.1	7055.3	4659.4	2263.5	2386.4	2509.3	2792.2	3075.1	3270.7
77.5°	17949.8	11260.9	4572.0	3157.3	1742.6	1826.1	1910.1	2184.8	2459.5	2781.8
80°	11748.1	7255.2	2762.3	2034.2	1306.5	1341.2	1375.8	1608.5	1840.8	2225.9
82.5°	6829.1	4199.1	1569.6	1251.2	933.6	939.7	946.6	1117.9	1289.2	1618.0
85°	3004.6	1888.9	773.5	668.8	564.6	561.6	558.1	683.6	809.0	1053.5
87.5°	930.2	618.7	307.2	277.3	247.5	244.4	241.4	292.5	343.9	445.6
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°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
11156.7	2.5°	11073.6	10991.0	10916.1	10841.7	10776.4	10711.0	10645.3	10580.0	10529.3	10478.3
11058.0	5°	10901.4	10744.4	10612.8	10481.8	10365.8	10249.9	10144.7	10039.2	9958.3	9876.9
11022.5	7.5°	10814.0	10605.9	10432.9	10259.8	10114.0	9967.8	9838.9	9710.4	9613.9	9517.9
11039.8	10°	10820.1	10600.3	10427.2	10254.2	10097.1	9939.7	9794.7	9649.8	9534.7	9419.2
11061.5	12.5°	10881.5	10702.4	10587.3	10473.1	10349.4	10226.5	10076.4	9926.7	9779.6	9632.5
10969.3	15°	10883.2	10797.6	10813.1	10828.7	10796.7	10764.7	10634.5	10504.3	10294.9	10085.5
10688.1	17.5°	10719.7	10750.8	10939.5	11128.1	11228.5	11328.4	11223.3	11118.6	10841.3	10564.0
10229.5	20°	10376.6	10523.7	10851.2	11179.2	11389.0	11598.8	11550.3	11501.5	11184.3	10867.7
9709.1	22.5°	9926.7	10144.3	10518.1	10892.8	11165.7	11438.7	11468.1	11497.1	11194.3	10891.5
9204.2	25°	9455.1	9706.0	10042.2	10378.8	10647.5	10916.1	11016.5	11116.4	10868.1	10620.2
8762.9	27.5°	9005.2	9247.5	9523.9	9799.9	10015.4	10230.8	10342.4	10454.5	10277.6	10101.0
8374.8	30°	8566.9	8759.9	8989.2	9218.5	9397.2	9576.3	9667.1	9758.0	9623.4	9488.4
8034.8	32.5°	8148.6	8262.4	8445.4	8628.8	8800.1	8971.9	9072.7	9173.9	9050.2	8926.0
7713.8	35°	7744.9	7776.5	7916.3	8055.6	8225.2	8395.2	8516.3	8637.5	8549.2	8461.4
7377.2	37.5°	7342.6	7308.0	7408.4	7508.3	7677.4	7847.0	7996.7	8146.4	8105.8	8065.1
7008.6	40°	6930.3	6852.0	6924.2	6996.5	7160.0	7323.6	7495.7	7668.4	7678.3	7687.8
6617.1	42.5°	6513.2	6409.4	6468.2	6527.5	6682.4	6837.7	7023.7	7209.8	7259.5	7309.3
6227.7	45°	6126.5	6025.7	6075.0	6125.2	6272.3	6419.4	6612.3	6805.3	6876.6	6948.0
5880.3	47.5°	5795.5	5710.7	5757.4	5803.7	5947.8	6091.4	6281.8	6472.1	6554.3	6636.5
5574.4	50°	5499.2	5424.3	5497.0	5570.1	5706.0	5841.4	6011.8	6182.3	6287.8	6393.4
5346.4	52.5°	5272.0	5198.0	5307.5	5416.5	5541.1	5665.3	5824.1	5983.3	6108.3	6233.3
5225.3	55°	5107.6	4990.4	5145.7	5300.6	5434.7	5568.8	5708.1	5847.0	5979.4	6112.2
5152.6	57.5°	4981.3	4810.0	4977.0	5144.0	5301.4	5458.9	5596.5	5734.5	5868.2	6001.4
5084.3	60°	4862.3	4640.0	4786.6	4932.8	5113.7	5294.5	5434.3	5574.4	5708.5	5842.7
5004.7	62.5°	4726.9	4449.6	4542.6	4635.6	4846.3	5057.4	5206.7	5356.0	5478.8	5601.7
4836.8	65°	4541.7	4246.3	4282.2	4317.6	4543.5	4769.7	4912.5	5055.3	5163.4	5271.6
4537.4	67.5°	4291.7	4046.0	4034.7	4023.5	4232.0	4440.9	4576.4	4711.3	4804.8	4898.2
4157.6	70°	3982.8	3808.0	3769.1	3730.1	3913.6	4097.0	4213.8	4330.6	4415.0	4499.3
3734.5	72.5°	3614.6	3494.8	3437.7	3381.0	3525.5	3669.6	3775.1	3880.7	3963.3	4046.0
3254.2	75°	3162.1	3069.5	3015.0	2960.1	3067.3	3174.6	3270.2	3365.9	3441.1	3516.4
2773.2	77.5°	2699.2	2625.2	2569.8	2514.4	2601.8	2688.8	2771.0	2853.2	2932.4	3011.1
2224.6	80°	2162.7	2100.4	2054.1	2007.4	2080.1	2152.3	2221.6	2290.8	2350.9	2410.6
1636.2	82.5°	1605.9	1575.6	1542.8	1509.9	1503.8	1497.8	1473.5	1449.3	1577.4	1705.4
1077.2	85°	1044.8	1012.4	975.6	938.8	907.7	876.1	809.0	742.0	861.8	982.1
475.9	87.5°	462.9	449.9	443.0	436.1	434.8	433.5	382.4	331.0	381.1	431.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
10437.2	2.5°	10396.1	10364.1	10332.1	10302.6	10272.8	10236.0	10272.8	10302.6	10332.1	10364.1
9820.3	5°	9763.6	9723.4	9683.1	9652.4	9621.7	9591.4	9621.7	9652.4	9683.1	9723.4
9450.4	7.5°	9382.9	9336.6	9290.7	9263.0	9235.8	9215.0	9235.8	9263.0	9290.7	9336.6
9343.9	10°	9267.8	9224.1	9180.4	9157.0	9133.7	9124.2	9133.7	9157.0	9180.4	9224.1
9535.2	12.5°	9437.8	9388.9	9340.5	9320.6	9300.7	9297.2	9300.7	9320.6	9340.5	9388.9
9937.5	15°	9789.5	9721.6	9654.1	9628.2	9602.2	9600.1	9602.2	9628.2	9654.1	9721.6
10345.9	17.5°	10127.9	10027.5	9926.7	9893.8	9860.5	9855.3	9860.5	9893.8	9926.7	10027.5
10600.3	20°	10333.4	10204.9	10075.9	10034.8	9993.7	9980.8	9993.7	10034.8	10075.9	10204.9
10616.3	22.5°	10340.7	10205.3	10069.5	10024.0	9978.6	9959.1	9978.6	10024.0	10069.5	10205.3
10375.3	25°	10131.3	10013.6	9896.4	9853.6	9811.2	9786.1	9811.2	9853.6	9896.4	10013.6
9911.1	27.5°	9721.2	9642.5	9563.3	9543.8	9524.3	9517.9	9524.3	9543.8	9563.3	9642.5
9352.6	30°	9215.9	9175.6	9135.0	9135.0	9135.0	9141.5	9135.0	9135.0	9135.0	9175.6
8817.4	32.5°	8708.8	8682.4	8656.1	8659.5	8663.4	8669.9	8663.4	8659.5	8656.1	8682.4
8361.0	35°	8261.1	8220.8	8181.0	8172.4	8163.7	8159.4	8163.7	8172.4	8181.0	8220.8
7972.9	37.5°	7880.4	7807.2	7734.6	7696.1	7657.5	7635.9	7657.5	7696.1	7734.6	7807.2
7609.5	40°	7531.2	7424.8	7319.2	7247.4	7176.5	7134.1	7176.5	7247.4	7319.2	7424.8
7243.1	42.5°	7177.3	7045.4	6913.4	6809.2	6704.9	6636.5	6704.9	6809.2	6913.4	7045.4
6888.3	45°	6829.1	6678.1	6527.5	6405.1	6282.6	6203.9	6282.6	6405.1	6527.5	6678.1
6595.0	47.5°	6553.5	6419.4	6285.2	6171.9	6059.0	5983.3	6059.0	6171.9	6285.2	6419.4
6390.8	50°	6389.1	6281.8	6174.5	6069.8	5965.1	5892.4	5965.1	6069.8	6174.5	6281.8
6255.8	52.5°	6278.3	6190.9	6103.5	6009.7	5916.2	5849.2	5916.2	6009.7	6103.5	6190.9
6143.3	55°	6174.5	6098.3	6022.2	5940.0	5857.8	5797.2	5857.8	5940.0	6022.2	6098.3
6033.0	57.5°	6064.6	5987.6	5910.6	5829.3	5747.5	5684.8	5747.5	5829.3	5910.6	5987.6
5877.3	60°	5911.9	5836.6	5761.8	5677.8	5593.9	5529.0	5593.9	5677.8	5761.8	5836.6
5635.0	62.5°	5668.3	5600.4	5532.5	5444.2	5356.0	5278.1	5356.0	5444.2	5532.5	5600.4
5305.8	65°	5339.5	5274.2	5208.9	5123.2	5038.0	4970.9	5038.0	5123.2	5208.9	5274.2
4931.5	67.5°	4964.4	4904.3	4844.6	4765.0	4685.4	4624.8	4685.4	4765.0	4844.6	4904.3
4531.4	70°	4563.4	4514.5	4465.6	4389.5	4313.3	4244.1	4313.3	4389.5	4465.6	4514.5
4084.0	72.5°	4122.1	4081.4	4040.8	3968.1	3895.8	3828.8	3895.8	3968.1	4040.8	4081.4
3556.2	75°	3596.0	3576.1	3556.2	3495.2	3434.2	3370.2	3434.2	3495.2	3556.2	3576.1
3048.3	77.5°	3085.5	3057.8	3029.3	2967.8	2906.4	2855.4	2906.4	2967.8	3029.3	3057.8
2459.9	80°	2509.3	2497.1	2485.5	2402.8	2319.8	2223.7	2319.8	2402.8	2485.5	2497.1
1789.4	82.5°	1873.3	1868.1	1862.5	1792.8	1722.7	1661.3	1722.7	1792.8	1862.5	1868.1
1085.9	85°	1189.7	1181.1	1172.4	1117.9	1063.4	1008.0	1063.4	1117.9	1172.4	1181.1
473.7	87.5°	515.7	505.3	494.1	466.4	437.8	411.0	437.8	466.4	494.1	505.3
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
10396.1	2.5°	10437.2	10478.3	10529.3	10580.0	10645.3	10711.0	10776.4	10841.7	10916.1	10991.0
9763.6	5°	9820.3	9876.9	9958.3	10039.2	10144.7	10249.9	10365.8	10481.8	10612.8	10744.4
9382.9	7.5°	9450.4	9517.9	9613.9	9710.4	9838.9	9967.8	10114.0	10259.8	10432.9	10605.9
9267.8	10°	9343.9	9419.2	9534.7	9649.8	9794.7	9939.7	10097.1	10254.2	10427.2	10600.3
9437.8	12.5°	9535.2	9632.5	9779.6	9926.7	10076.4	10226.5	10349.4	10473.1	10587.3	10702.4
9789.5	15°	9937.5	10085.5	10294.9	10504.3	10634.5	10764.7	10796.7	10828.7	10813.1	10797.6
10127.9	17.5°	10345.9	10564.0	10841.3	11118.6	11223.3	11328.4	11228.5	11128.1	10939.5	10750.8
10333.4	20°	10600.3	10867.7	11184.3	11501.5	11550.3	11598.8	11389.0	11179.2	10851.2	10523.7
10340.7	22.5°	10616.3	10891.5	11194.3	11497.1	11468.1	11438.7	11165.7	10892.8	10518.1	10144.3
10131.3	25°	10375.3	10620.2	10868.1	11116.4	11016.5	10916.1	10647.5	10378.8	10042.2	9706.0
9721.2	27.5°	9911.1	10101.0	10277.6	10454.5	10342.4	10230.8	10015.4	9799.9	9523.9	9247.5
9215.9	30°	9352.6	9488.4	9623.4	9758.0	9667.1	9576.3	9397.2	9218.5	8989.2	8759.9
8708.8	32.5°	8817.4	8926.0	9050.2	9173.9	9072.7	8971.9	8800.1	8628.8	8445.4	8262.4
8261.1	35°	8361.0	8461.4	8549.2	8637.5	8516.3	8395.2	8225.2	8055.6	7916.3	7776.5
7880.4	37.5°	7972.9	8065.1	8105.8	8146.4	7996.7	7847.0	7677.4	7508.3	7408.4	7308.0
7531.2	40°	7609.5	7687.8	7678.3	7668.4	7495.7	7323.6	7160.0	6996.5	6924.2	6852.0
7177.3	42.5°	7243.1	7309.3	7259.5	7209.8	7023.7	6837.7	6682.4	6527.5	6468.2	6409.4
6829.1	45°	6888.3	6948.0	6876.6	6805.3	6612.3	6419.4	6272.3	6125.2	6075.0	6025.7
6553.5	47.5°	6595.0	6636.5	6554.3	6472.1	6281.8	6091.4	5947.8	5803.7	5757.4	5710.7
6389.1	50°	6390.8	6393.4	6287.8	6182.3	6011.8	5841.4	5706.0	5570.1	5497.0	5424.3
6278.3	52.5°	6255.8	6233.3	6108.3	5983.3	5824.1	5665.3	5541.1	5416.5	5307.5	5198.0
6174.5	55°	6143.3	6112.2	5979.4	5847.0	5708.1	5568.8	5434.7	5300.6	5145.7	4990.4
6064.6	57.5°	6033.0	6001.4	5868.2	5734.5	5596.5	5458.9	5301.4	5144.0	4977.0	4810.0
5911.9	60°	5877.3	5842.7	5708.5	5574.4	5434.3	5294.5	5113.7	4932.8	4786.6	4640.0
5668.3	62.5°	5635.0	5601.7	5478.8	5356.0	5206.7	5057.4	4846.3	4635.6	4542.6	4449.6
5339.5	65°	5305.8	5271.6	5163.4	5055.3	4912.5	4769.7	4543.5	4317.6	4282.2	4246.3
4964.4	67.5°	4931.5	4898.2	4804.8	4711.3	4576.4	4440.9	4232.0	4023.5	4034.7	4046.0
4563.4	70°	4531.4	4499.3	4415.0	4330.6	4213.8	4097.0	3913.6	3730.1	3769.1	3808.0
4122.1	72.5°	4084.0	4046.0	3963.3	3880.7	3775.1	3669.6	3525.5	3381.0	3437.7	3494.8
3596.0	75°	3556.2	3516.4	3441.1	3365.9	3270.2	3174.6	3067.3	2960.1	3015.0	3069.5
3085.5	77.5°	3048.3	3011.1	2932.4	2853.2	2771.0	2688.8	2601.8	2514.4	2569.8	2625.2
2509.3	80°	2459.9	2410.6	2350.9	2290.8	2221.6	2152.3	2080.1	2007.4	2054.1	2100.4
1873.3	82.5°	1789.4	1705.4	1577.4	1449.3	1473.5	1497.8	1503.8	1509.9	1542.8	1575.6
1189.7	85°	1085.9	982.1	861.8	742.0	809.0	876.1	907.7	938.8	975.6	1012.4
515.7	87.5°	473.7	431.8	381.1	331.0	382.4	433.5	434.8	436.1	443.0	449.9
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
11073.6	2.5°	11156.7	11259.2	11351.3	11446.5	11541.7	11641.2	11740.7	11839.3	11938.4	12031.4
10901.4	5°	11058.0	11237.6	11419.3	11611.8	11804.3	12010.2	12216.6	12421.2	12626.3	12831.8
10814.0	7.5°	11022.5	11254.9	11502.8	11771.4	12040.1	12345.1	12650.1	12963.3	13276.5	13615.3
10820.1	10°	11039.8	11289.5	11595.3	11913.8	12231.3	12602.1	12972.4	13386.0	13800.0	14228.8
10881.5	12.5°	11061.5	11293.8	11615.2	11974.8	12334.3	12771.2	13208.2	13677.2	14146.1	14616.8
10883.2	15°	10969.3	11155.4	11511.4	11927.6	12343.8	12846.9	13350.1	13858.9	14367.6	14858.7
10719.7	17.5°	10688.1	10802.8	11221.6	11722.1	12222.7	12806.7	13390.8	13945.8	14500.9	14998.8
10376.6	20°	10229.5	10259.8	10747.4	11367.8	11988.2	12696.0	13403.7	14013.7	14623.8	15141.6
9926.7	22.5°	9709.1	9649.8	10204.9	10952.0	11699.2	12560.1	13421.0	14105.5	14789.4	15318.6
9455.1	25°	9204.2	9044.1	9613.0	10487.8	11363.0	12426.0	13489.4	14271.6	15053.4	15571.2
9005.2	27.5°	8762.9	8568.2	9086.1	10063.4	11040.7	12336.4	13632.2	14531.2	15429.7	15924.2
8566.9	30°	8374.8	8222.1	8656.9	9708.6	10760.4	12294.5	13827.7	14867.3	15906.9	16384.1
8148.6	32.5°	8034.8	7966.9	8317.3	9402.8	10487.8	12242.6	13996.4	15218.2	16439.9	16912.4
7744.9	35°	7713.8	7741.9	8033.9	9102.1	10170.3	12144.8	14120.2	15617.9	17115.7	17568.7
7342.6	37.5°	7377.2	7480.2	7735.4	8748.2	9761.0	11977.4	14193.7	16065.7	17937.7	18514.8
6930.3	40°	7008.6	7166.5	7398.0	8326.0	9254.0	11746.8	14240.0	16634.2	19027.9	19869.0
6513.2	42.5°	6617.1	6816.1	7029.4	7860.0	8690.7	11508.8	14327.8	17377.9	20427.9	21641.9
6126.5	45°	6227.7	6420.2	6636.5	7365.1	8093.6	11287.7	14482.3	18356.5	22230.7	23868.2
5795.5	47.5°	5880.3	6046.0	6325.0	6973.6	7622.1	11105.2	14588.3	19399.1	24210.0	26515.0
5499.2	50°	5574.4	5767.0	6133.8	6713.5	7293.3	10906.2	14519.1	20366.5	26213.9	29688.8
5272.0	52.5°	5346.4	5615.5	6037.3	6542.2	7047.5	10570.0	14092.9	20994.7	27896.0	33022.6
5107.6	55°	5225.3	5630.7	6023.1	6418.1	6813.1	10012.8	13212.5	20856.2	28499.5	35978.4
4981.3	57.5°	5152.6	5645.8	5991.9	6271.0	6550.0	9227.1	11903.8	19881.9	27860.5	38073.1
4862.3	60°	5084.3	5598.2	5826.7	6046.0	6265.3	8207.0	10148.6	18068.8	25988.9	38596.6
4726.9	62.5°	5004.7	5481.4	5509.5	5654.9	5800.7	6986.1	8171.5	15617.1	23062.6	36392.4
4541.7	65°	4836.8	5200.2	5196.7	5265.5	5334.3	5887.7	6441.0	13115.6	19790.6	33273.6
4291.7	67.5°	4537.4	4741.6	4751.1	4713.1	4674.6	4832.0	4989.1	10665.2	16341.3	29562.0
3982.8	70°	4157.6	4224.6	4224.6	4046.8	3868.6	3824.0	3779.0	8397.3	13015.7	25512.2
3614.6	72.5°	3734.5	3733.6	3691.2	3439.0	3186.3	3050.5	2915.1	6419.8	9924.5	21121.8
3162.1	75°	3254.2	3270.7	3075.1	2792.2	2509.3	2386.4	2263.5	4659.4	7055.3	16089.1
2699.2	77.5°	2773.2	2781.8	2459.5	2184.8	1910.1	1826.1	1742.6	3157.3	4572.0	11260.9
2162.7	80°	2224.6	2225.9	1840.8	1608.5	1375.8	1341.2	1306.5	2034.2	2762.3	7255.2
1605.9	82.5°	1636.2	1618.0	1289.2	1117.9	946.6	939.7	933.6	1251.2	1569.6	4199.1
1044.8	85°	1077.2	1053.5	809.0	683.6	558.1	561.6	564.6	668.8	773.5	1888.9
462.9	87.5°	475.9	445.6	343.9	292.5	241.4	244.4	247.5	277.3	307.2	618.7
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
12124.4	2.5°	12170.3	12216.6	12281.9	12347.3	12386.2	12425.1	12444.6	12464.1	12455.4	12464.1
13037.3	5°	13197.8	13358.7	13517.9	13677.6	13764.1	13850.6	13903.0	13955.8	13995.6	13955.8
13954.5	7.5°	14215.8	14476.7	14711.6	14946.5	15088.0	15229.4	15306.0	15382.2	15418.9	15382.2
14657.5	10°	14966.4	15275.3	15550.9	15826.5	15993.5	16159.6	16234.0	16308.0	16336.1	16308.0
15088.0	12.5°	15422.8	15757.2	16006.4	16254.8	16375.9	16497.0	16537.7	16578.4	16582.7	16578.4
15349.7	15°	15638.7	15927.3	16083.4	16240.1	16244.4	16248.7	16205.4	16162.2	16111.1	16162.2
15496.8	17.5°	15691.9	15887.0	15890.1	15892.7	15717.4	15542.2	15381.7	15220.8	15107.4	15220.8
15659.0	20°	15727.0	15795.3	15589.8	15384.3	14997.5	14610.8	14329.1	14047.5	13874.4	14047.5
15847.2	22.5°	15758.1	15669.0	15243.3	14817.6	14248.7	13679.8	13327.6	12975.4	12784.2	12975.4
16089.5	25°	15808.3	15527.1	14880.7	14234.4	13543.5	12852.6	12482.2	12112.8	11931.9	12112.8
16418.3	27.5°	15915.6	15412.4	14556.3	13700.5	12934.8	12169.0	11804.7	11440.9	11270.0	11440.9
16861.7	30°	16112.0	15362.7	14308.8	13254.9	12457.1	11659.4	11321.5	10983.6	10824.4	10983.6
17385.2	32.5°	16358.6	15332.4	14140.1	12947.7	12198.0	11448.2	11183.0	10917.4	10802.8	10917.4
18021.2	35°	16764.8	15508.9	14266.4	13024.3	12503.4	11983.0	11921.1	11859.2	11849.7	11859.2
19092.0	37.5°	17614.1	16136.2	15007.1	13877.9	13844.2	13810.4	14093.3	14376.3	14523.4	14376.3
20710.0	40°	19102.8	17495.5	16655.8	15816.1	16408.8	17001.5	17689.4	18377.2	18719.9	18377.2
22855.8	42.5°	21261.2	19666.5	19182.8	18699.1	19991.8	21284.5	22535.7	23786.8	24521.5	23786.8
25505.7	45°	24073.2	22640.4	22427.1	22213.4	24284.4	26355.8	28411.7	30467.9	31716.1	30467.9
28819.6	47.5°	27426.1	26032.2	25988.9	25945.7	28933.4	31920.3	34930.1	37939.5	39706.8	37939.5
33163.2	50°	31441.8	29720.8	29728.2	29735.5	33585.9	37436.3	41409.2	45382.0	47784.0	45382.0
38149.3	52.5°	36064.9	33980.9	33770.2	33559.1	38158.4	42757.7	47673.2	52588.3	55467.5	52588.3
43457.7	55°	41398.3	39339.0	38517.5	37695.9	42814.8	47933.2	53793.2	59653.2	63077.4	59653.2
48285.8	57.5°	47164.4	46042.6	44394.7	42747.3	47915.9	53084.5	59721.9	66358.9	70605.2	66358.9
51203.9	60°	52945.7	54687.9	52641.5	50595.2	55486.5	60377.8	67484.2	74590.6	79179.9	74590.6
49722.1	62.5°	54481.5	59240.9	59010.3	58779.2	63260.0	67741.2	74502.3	81263.0	85504.9	81263.0
46756.5	65°	51223.4	55690.3	56574.1	57457.6	63151.8	68846.5	75402.6	81958.2	85569.8	81958.2
42782.8	67.5°	47031.2	51279.6	51694.1	52108.1	58041.2	63973.8	70558.0	77142.2	79971.6	77142.2
38008.7	70°	42629.6	47251.0	47436.1	47621.7	52927.5	58232.8	63899.0	69564.7	71137.3	69564.7
32319.6	72.5°	37622.3	42925.5	43058.8	43191.6	47342.7	51493.8	55737.4	59980.7	60139.9	59980.7
25122.8	75°	30611.2	36099.5	36592.3	37085.0	40314.6	43544.2	46531.5	49518.8	48718.4	49518.8
17949.8	77.5°	23073.0	28196.6	28901.8	29607.0	32062.2	34517.4	36636.0	38755.0	37379.2	38755.0
11748.1	80°	16058.4	20368.2	21244.7	22121.2	23975.5	25828.9	26941.6	28053.9	25841.0	28053.9
6829.1	82.5°	9775.7	12722.8	13701.8	14681.3	15957.5	17233.8	17698.0	18161.8	16422.6	18161.8
3004.6	85°	4568.6	6132.5	6965.3	7798.2	8846.8	9895.1	10158.6	10422.1	9029.0	10422.1
930.2	87.5°	1455.8	1981.4	2446.1	2910.7	3435.1	3959.4	3981.9	4004.0	3361.5	4004.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
11274.3	0°	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3	11274.3
12444.6	2.5°	12425.1	12386.2	12347.3	12281.9	12216.6	12170.3	12124.4
13903.0	5°	13850.6	13764.1	13677.6	13517.9	13358.7	13197.8	13037.3
15306.0	7.5°	15229.4	15088.0	14946.5	14711.6	14476.7	14215.8	13954.5
16234.0	10°	16159.6	15993.5	15826.5	15550.9	15275.3	14966.4	14657.5
16537.7	12.5°	16497.0	16375.9	16254.8	16006.4	15757.2	15422.8	15088.0
16205.4	15°	16248.7	16244.4	16240.1	16083.4	15927.3	15638.7	15349.7
15381.7	17.5°	15542.2	15717.4	15892.7	15890.1	15887.0	15691.9	15496.8
14329.1	20°	14610.8	14997.5	15384.3	15589.8	15795.3	15727.0	15659.0
13327.6	22.5°	13679.8	14248.7	14817.6	15243.3	15669.0	15758.1	15847.2
12482.2	25°	12852.6	13543.5	14234.4	14880.7	15527.1	15808.3	16089.5
11804.7	27.5°	12169.0	12934.8	13700.5	14556.3	15412.4	15915.6	16418.3
11321.5	30°	11659.4	12457.1	13254.9	14308.8	15362.7	16112.0	16861.7
11183.0	32.5°	11448.2	12198.0	12947.7	14140.1	15332.4	16358.6	17385.2
11921.1	35°	11983.0	12503.4	13024.3	14266.4	15508.9	16764.8	18021.2
14093.3	37.5°	13810.4	13844.2	13877.9	15007.1	16136.2	17614.1	19092.0
17689.4	40°	17001.5	16408.8	15816.1	16655.8	17495.5	19102.8	20710.0
22535.7	42.5°	21284.5	19991.8	18699.1	19182.8	19666.5	21261.2	22855.8
28411.7	45°	26355.8	24284.4	22213.4	22427.1	22640.4	24073.2	25505.7
34930.1	47.5°	31920.3	28933.4	25945.7	25988.9	26032.2	27426.1	28819.6
41409.2	50°	37436.3	33585.9	29735.5	29728.2	29720.8	31441.8	33163.2
47673.2	52.5°	42757.7	38158.4	33559.1	33770.2	33980.9	36064.9	38149.3
53793.2	55°	47933.2	42814.8	37695.9	38517.5	39339.0	41398.3	43457.7
59721.9	57.5°	53084.5	47915.9	42747.3	44394.7	46042.6	47164.4	48285.8
67484.2	60°	60377.8	55486.5	50595.2	52641.5	54687.9	52945.7	51203.9
74502.3	62.5°	67741.2	63260.0	58779.2	59010.3	59240.9	54481.5	49722.1
75402.6	65°	68846.5	63151.8	57457.6	56574.1	55690.3	51223.4	46756.5
70558.0	67.5°	63973.8	58041.2	52108.1	51694.1	51279.6	47031.2	42782.8
63899.0	70°	58232.8	52927.5	47621.7	47436.1	47251.0	42629.6	38008.7
55737.4	72.5°	51493.8	47342.7	43191.6	43058.8	42925.5	37622.3	32319.6
46531.5	75°	43544.2	40314.6	37085.0	36592.3	36099.5	30611.2	25122.8
36636.0	77.5°	34517.4	32062.2	29607.0	28901.8	28196.6	23073.0	17949.8
26941.6	80°	25828.9	23975.5	22121.2	21244.7	20368.2	16058.4	11748.1
17698.0	82.5°	17233.8	15957.5	14681.3	13701.8	12722.8	9775.7	6829.1
10158.6	85°	9895.1	8846.8	7798.2	6965.3	6132.5	4568.6	3004.6
3981.9	87.5°	3959.4	3435.1	2910.7	2446.1	1981.4	1455.8	930.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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