

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: P953389

Luminaire Tested: **GALN-SB6D-950-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P953389  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SB6D-950-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

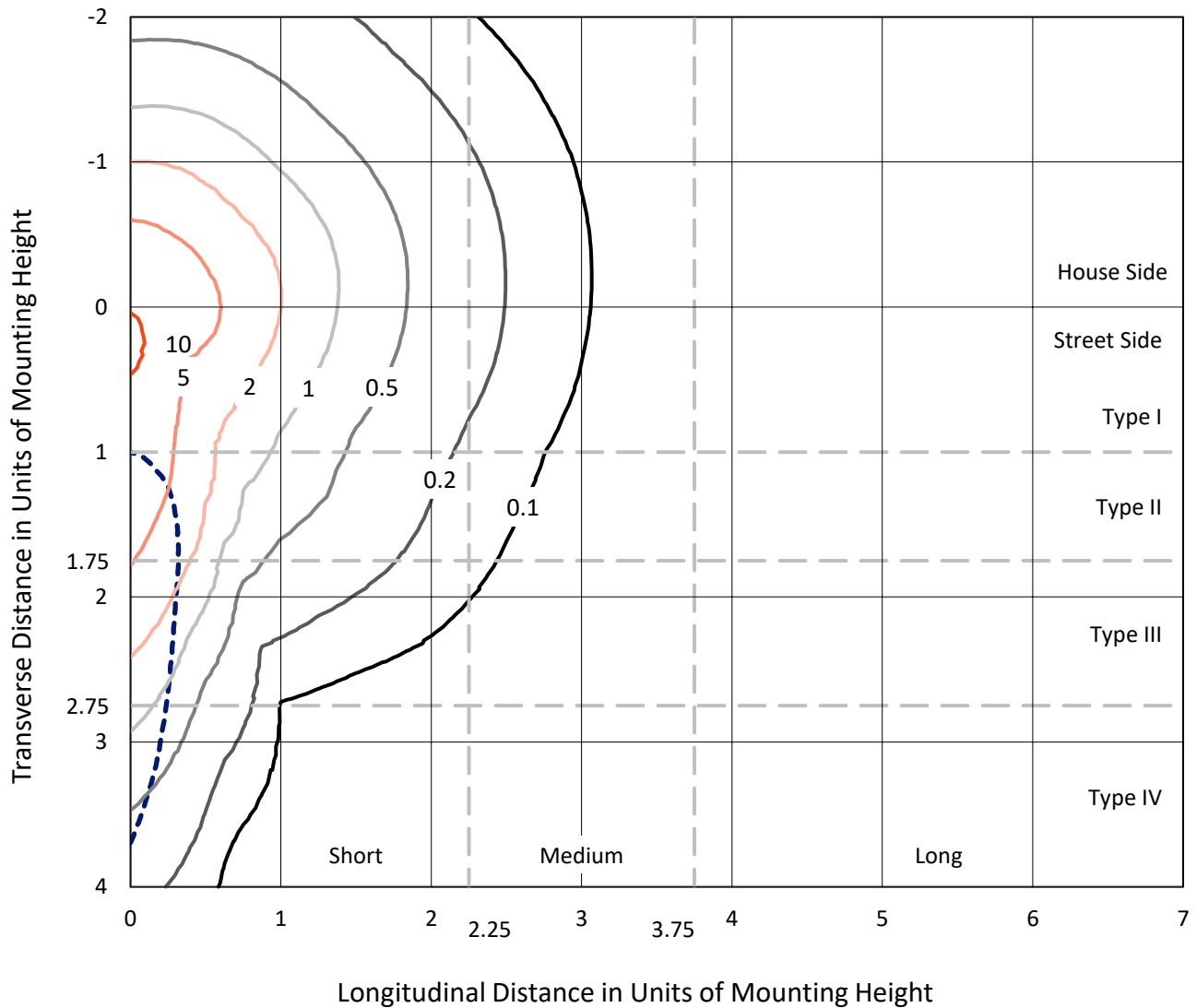
Lumens per Lamp: N/A  
Luminaire Lumens: 42774 lumens  
Efficiency: N/A  
Efficacy: 97.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 440.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

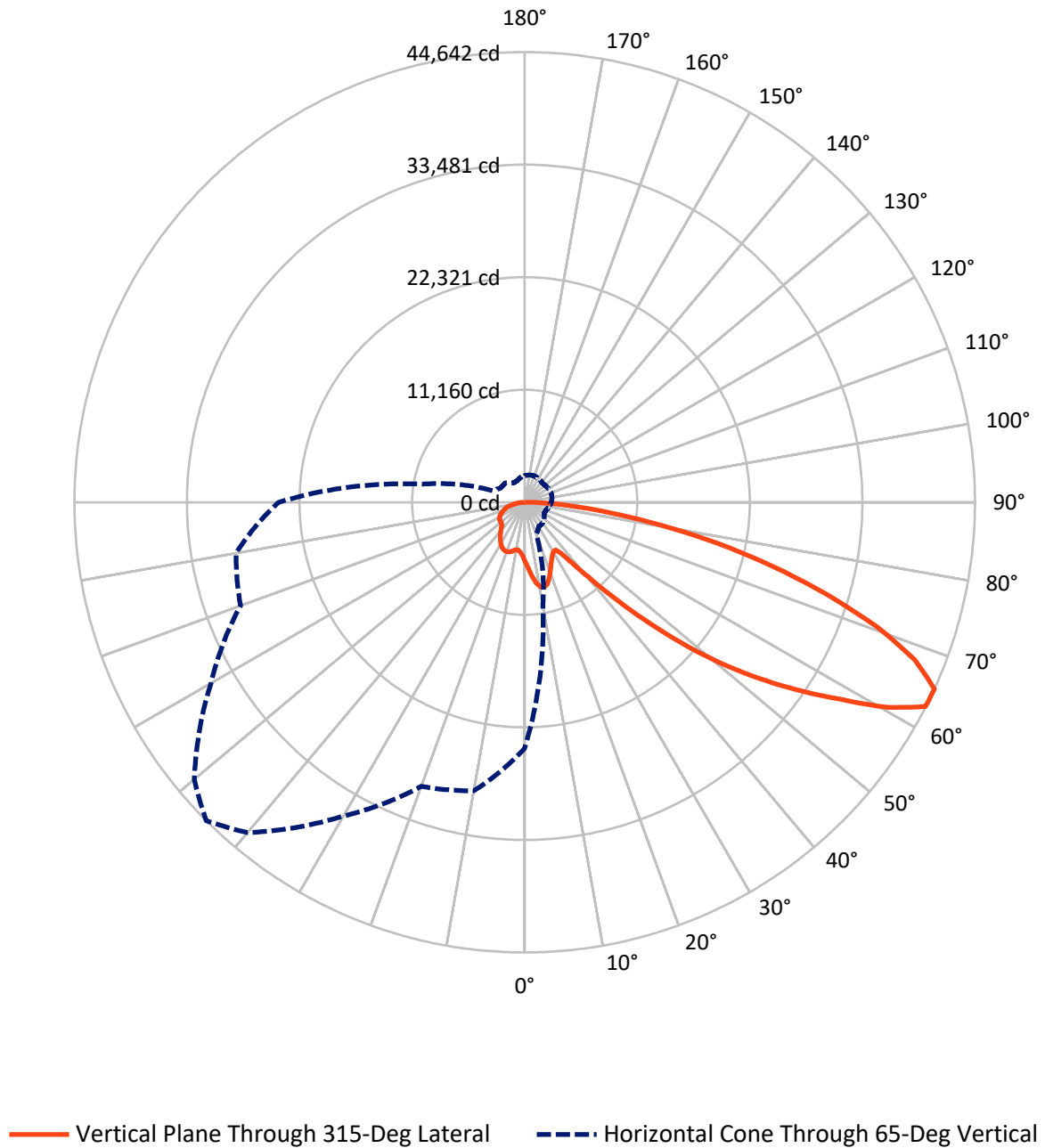
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.6 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	10871.0	0.0	10871.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	31903.0	0.0	31903.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	42774.0	0.0	42774.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	583.5	1.4
10°-20°	1831.6	4.3
20°-30°	2829.2	6.6
30°-40°	3585.3	8.4
40°-50°	5407.6	12.6
50°-60°	8736.8	20.4
60°-70°	10891.8	25.5
70°-80°	7142.3	16.7
80°-90°	1765.8	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°	42774.0	100.0
0°-180°	42774.0	100.0



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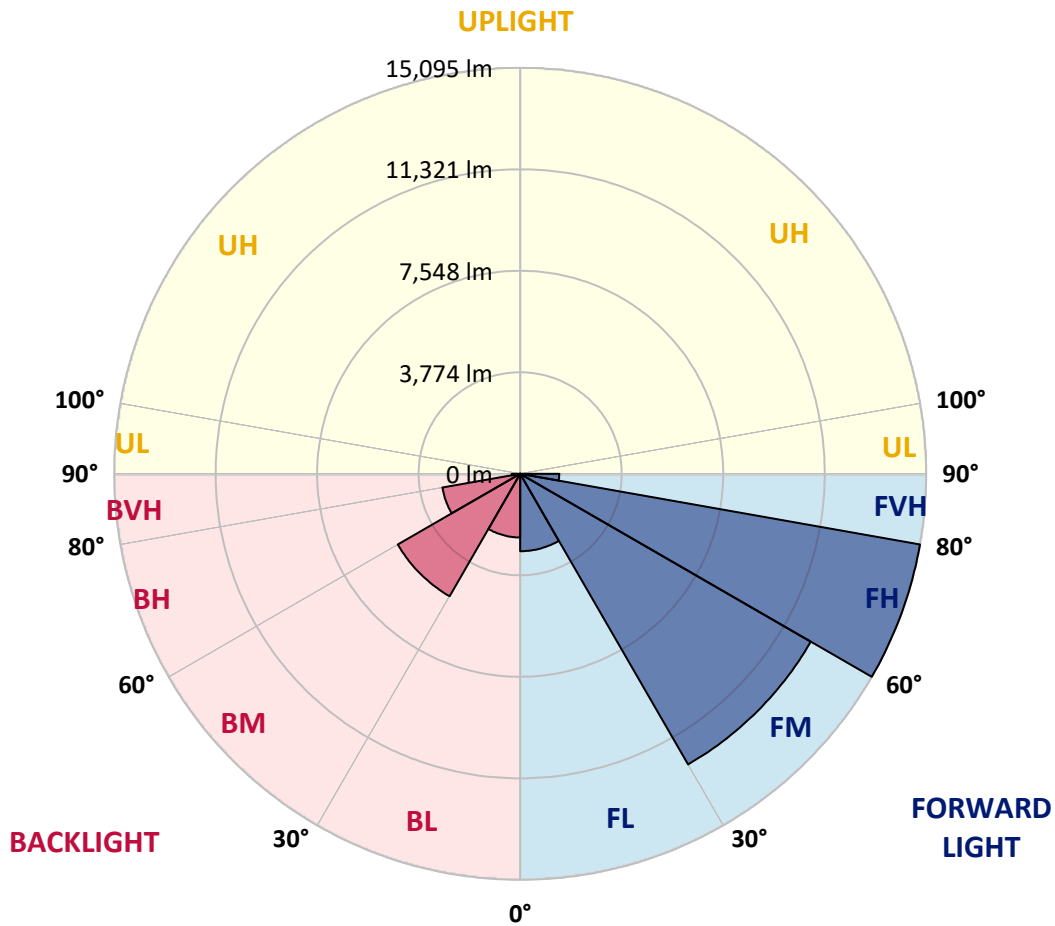
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2877.0	6.7			
FM (30°-60°)	12476.2	29.2			
FH (60°-80°)	15095.1	35.3			G5
FVH (80°-90°)	1454.6	3.4			G5
BL (0°-30°)	2367.3	5.5	B3/2500		
BM (30°-60°)	5253.5	12.3	B4/8500		
BH (60°-80°)	2939.0	6.9	B4/5000		G4/5000
BVH (80°-90°)	311.2	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
2.5°	6325.3	6276.8	6228.2	6176.6	6125.1	6073.2	6021.3	5971.6	5922.0	5873.9
5°	6801.5	6694.3	6587.1	6480.1	6373.4	6265.7	6158.3	6057.8	5957.4	5862.6
7.5°	7280.0	7103.1	6926.3	6762.9	6599.5	6440.4	6281.3	6141.1	6001.0	5871.6
10°	7646.8	7423.1	7199.4	6983.4	6767.7	6574.5	6381.0	6215.4	6049.3	5889.7
12.5°	7871.4	7625.6	7380.0	7135.3	6890.7	6662.7	6434.8	6247.2	6059.6	5891.9
15°	8007.9	7751.7	7495.6	7230.1	6964.7	6702.2	6439.7	6222.6	6005.5	5819.7
17.5°	8084.6	7824.9	7565.1	7275.5	6985.9	6681.2	6376.5	6115.4	5854.3	5635.8
20°	8169.3	7899.3	7629.2	7310.9	6992.7	6623.5	6254.2	5930.5	5606.9	5352.5
22.5°	8267.5	7991.7	7715.6	7358.8	7001.7	6552.6	6103.4	5713.6	5323.9	5034.3
25°	8393.9	8123.5	7853.3	7445.5	7037.4	6482.6	5928.1	5471.5	5015.1	4718.3
27.5°	8565.4	8307.6	8049.7	7580.9	7111.9	6435.9	5759.9	5250.1	4740.2	4470.0
30°	8796.7	8547.6	8298.6	7756.2	7213.9	6414.0	5613.7	5065.0	4516.3	4289.5
32.5°	9069.8	8823.1	8576.7	7939.3	7301.9	6386.9	5471.5	4905.4	4339.1	4156.3
35°	9401.6	9165.5	8929.2	8147.8	7366.5	6335.9	5305.8	4748.5	4191.3	4038.9
37.5°	9960.2	9659.1	9358.1	8381.4	7404.8	6248.6	5092.3	4563.9	4035.6	3902.4
40°	10804.4	10365.6	9926.8	8678.0	7429.0	6128.3	4827.8	4343.6	3859.5	3738.8
42.5°	11923.8	11290.5	10657.2	9066.0	7474.8	6004.1	4533.9	4100.6	3667.2	3555.9
45°	13306.3	12452.0	11597.7	9576.5	7555.4	5888.8	4222.4	3842.4	3462.3	3349.4
47.5°	15035.1	13832.8	12630.3	10120.5	7610.7	5793.5	3976.4	3638.1	3299.8	3154.2
50°	17301.2	15488.6	13675.7	10625.1	7574.6	5689.7	3804.9	3502.4	3200.0	3008.6
52.5°	19902.4	17227.8	14553.3	10952.9	7352.2	5514.4	3676.7	3413.1	3149.7	2929.6
55°	22671.8	18769.8	14868.1	10880.6	6892.9	5223.6	3554.4	3348.3	3142.2	2937.5
57.5°	25190.6	19862.7	14534.8	10372.4	6210.2	4813.8	3417.1	3271.6	3126.0	2945.4
60°	26713.0	20135.8	13558.4	9426.4	5294.5	4281.6	3268.6	3154.2	3039.8	2920.6
62.5°	25939.9	18985.8	12031.7	8147.4	4263.1	3644.6	3026.2	2950.2	2874.3	2859.6
65°	24392.7	17358.7	10324.7	6842.4	3360.3	3071.6	2782.9	2747.0	2711.1	2712.9
67.5°	22319.7	15422.4	8525.2	5564.0	2602.8	2520.9	2438.7	2458.8	2478.7	2473.7
70°	19829.0	13309.6	6790.2	4380.9	1971.5	1995.0	2018.2	2111.2	2204.0	2204.0
72.5°	16861.1	11019.2	5177.6	3349.2	1520.8	1591.4	1662.3	1794.1	1925.7	1947.8
75°	13106.5	8393.6	3680.7	2430.8	1180.9	1245.0	1309.1	1456.7	1604.3	1706.3
77.5°	9364.4	5874.8	2385.2	1647.2	909.1	952.7	996.5	1139.8	1283.1	1451.3
80°	6128.9	3785.0	1441.1	1061.3	681.6	699.7	717.7	839.2	960.4	1161.2
82.5°	3562.7	2190.7	818.8	652.7	487.1	490.2	493.8	583.2	672.6	844.1
85°	1567.5	985.4	403.6	348.9	294.5	293.0	291.2	356.6	422.1	549.6
87.5°	485.3	322.8	160.2	144.7	129.1	127.5	125.9	152.6	179.4	232.5
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°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
5820.4	2.5°	5777.1	5734.0	5694.9	5656.1	5622.0	5587.9	5553.6	5519.5	5493.1	5466.5
5768.9	5°	5687.2	5605.3	5536.7	5468.3	5407.8	5347.3	5292.5	5237.4	5195.2	5152.8
5750.4	7.5°	5641.6	5533.1	5442.8	5352.5	5276.5	5200.2	5132.9	5065.9	5015.5	4965.4
5759.5	10°	5644.8	5530.1	5439.9	5349.6	5267.7	5185.5	5109.9	5034.3	4974.2	4914.0
5770.7	12.5°	5676.9	5583.4	5523.4	5463.8	5399.2	5335.1	5256.8	5178.7	5102.0	5025.3
5722.7	15°	5677.8	5633.1	5641.2	5649.3	5632.6	5615.9	5548.0	5480.0	5370.8	5261.6
5576.0	17.5°	5592.4	5608.7	5707.1	5805.5	5857.9	5910.0	5855.2	5800.5	5655.9	5511.2
5336.7	20°	5413.5	5490.2	5661.1	5832.1	5941.6	6051.1	6025.8	6000.3	5834.8	5669.6
5065.2	22.5°	5178.7	5292.3	5487.3	5682.7	5825.1	5967.6	5982.9	5998.0	5840.0	5682.0
4801.8	25°	4932.7	5063.6	5239.0	5414.6	5554.8	5694.9	5747.3	5799.4	5669.9	5540.5
4571.6	27.5°	4698.0	4824.4	4968.6	5112.6	5225.0	5337.4	5395.6	5454.1	5361.8	5269.7
4369.1	30°	4469.4	4570.0	4689.6	4809.3	4902.5	4995.9	5043.3	5090.7	5020.5	4950.1
4191.7	32.5°	4251.1	4310.5	4405.9	4501.6	4591.0	4680.6	4733.2	4786.0	4721.5	4656.7
4024.3	35°	4040.5	4057.0	4129.9	4202.6	4291.0	4379.7	4442.9	4506.1	4460.1	4414.3
3848.7	37.5°	3830.6	3812.6	3864.9	3917.1	4005.3	4093.8	4171.9	4250.0	4228.8	4207.5
3656.4	40°	3615.5	3574.7	3612.4	3650.1	3735.4	3820.7	3910.5	4000.6	4005.8	4010.7
3452.1	42.5°	3397.9	3343.8	3374.5	3405.4	3486.2	3567.2	3664.3	3761.3	3787.3	3813.2
3249.0	45°	3196.2	3143.6	3169.3	3195.5	3272.2	3349.0	3449.6	3550.3	3587.5	3624.8
3067.7	47.5°	3023.5	2979.3	3003.6	3027.8	3103.0	3177.9	3277.2	3376.5	3419.4	3462.3
2908.2	50°	2868.9	2829.9	2867.8	2905.9	2976.8	3047.4	3136.4	3225.3	3280.4	3335.4
2789.2	52.5°	2750.4	2711.8	2768.9	2825.8	2890.8	2955.6	3038.4	3121.5	3186.7	3251.9
2726.0	55°	2664.6	2603.5	2684.5	2765.3	2835.3	2905.2	2977.9	3050.4	3119.4	3188.7
2688.1	57.5°	2598.7	2509.4	2596.5	2683.6	2765.8	2847.9	2919.7	2991.7	3061.4	3130.9
2652.4	60°	2536.7	2420.7	2497.2	2573.5	2667.8	2762.1	2835.0	2908.2	2978.1	3048.1
2610.9	62.5°	2466.0	2321.3	2369.9	2418.4	2528.3	2638.5	2716.3	2794.2	2858.3	2922.4
2523.3	65°	2369.4	2215.3	2234.0	2252.5	2370.3	2488.4	2562.8	2637.3	2693.8	2750.2
2367.2	67.5°	2239.0	2110.8	2104.9	2099.0	2207.8	2316.8	2387.5	2457.9	2506.6	2555.4
2169.0	70°	2077.8	1986.6	1966.3	1946.0	2041.7	2137.4	2198.3	2259.3	2303.3	2347.3
1948.3	72.5°	1885.7	1823.2	1793.4	1763.9	1839.2	1914.4	1969.5	2024.5	2067.7	2110.8
1697.7	75°	1649.7	1601.4	1572.9	1544.3	1600.2	1656.2	1706.1	1756.0	1795.2	1834.5
1446.7	77.5°	1408.2	1369.6	1340.7	1311.8	1357.4	1402.7	1445.6	1488.5	1529.8	1570.9
1160.6	80°	1128.3	1095.8	1071.6	1047.3	1085.2	1122.9	1159.0	1195.1	1226.5	1257.6
853.6	82.5°	837.8	822.0	804.9	787.7	784.5	781.4	768.7	756.1	822.9	889.7
562.0	85°	545.1	528.1	509.0	489.8	473.5	457.0	422.1	387.1	449.6	512.3
248.3	87.5°	241.5	234.7	231.1	227.5	226.8	226.2	199.5	172.7	198.8	225.3
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°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
5445.1	2.5°	5423.6	5406.9	5390.2	5374.9	5359.3	5340.1	5359.3	5374.9	5390.2	5406.9
5123.2	5°	5093.6	5072.7	5051.7	5035.6	5019.6	5003.8	5019.6	5035.6	5051.7	5072.7
4930.2	7.5°	4895.0	4870.9	4846.9	4832.5	4818.3	4807.5	4818.3	4832.5	4846.9	4870.9
4874.7	10°	4835.0	4812.2	4789.4	4777.2	4765.0	4760.1	4765.0	4777.2	4789.4	4812.2
4974.5	12.5°	4923.7	4898.2	4872.9	4862.5	4852.1	4850.3	4852.1	4862.5	4872.9	4898.2
5184.4	15°	5107.2	5071.7	5036.5	5023.0	5009.5	5008.3	5009.5	5023.0	5036.5	5071.7
5397.4	17.5°	5283.7	5231.3	5178.7	5161.6	5144.2	5141.5	5144.2	5161.6	5178.7	5231.3
5530.1	20°	5390.9	5323.9	5256.6	5235.2	5213.7	5206.9	5213.7	5235.2	5256.6	5323.9
5538.5	22.5°	5394.7	5324.1	5253.2	5229.5	5205.8	5195.7	5205.8	5229.5	5253.2	5324.1
5412.8	25°	5285.5	5224.1	5162.9	5140.6	5118.5	5105.4	5118.5	5140.6	5162.9	5224.1
5170.6	27.5°	5071.5	5030.4	4989.1	4979.0	4968.8	4965.4	4968.8	4979.0	4989.1	5030.4
4879.2	30°	4807.9	4786.9	4765.7	4765.7	4765.7	4769.1	4765.7	4765.7	4765.7	4786.9
4600.0	32.5°	4543.4	4529.6	4515.8	4517.7	4519.7	4523.1	4519.7	4517.7	4515.8	4529.6
4361.9	35°	4309.8	4288.8	4268.0	4263.5	4259.0	4256.7	4259.0	4263.5	4268.0	4288.8
4159.5	37.5°	4111.2	4073.0	4035.1	4015.0	3994.9	3983.6	3994.9	4015.0	4035.1	4073.0
3969.9	40°	3929.0	3873.5	3818.4	3781.0	3743.9	3721.8	3743.9	3781.0	3818.4	3873.5
3778.7	42.5°	3744.4	3675.6	3606.7	3552.3	3497.9	3462.3	3497.9	3552.3	3606.7	3675.6
3593.6	45°	3562.7	3483.9	3405.4	3341.5	3277.6	3236.6	3277.6	3341.5	3405.4	3483.9
3440.6	47.5°	3418.9	3349.0	3279.0	3219.9	3161.0	3121.5	3161.0	3219.9	3279.0	3349.0
3334.1	50°	3333.2	3277.2	3221.2	3166.6	3112.0	3074.1	3112.0	3166.6	3221.2	3277.2
3263.7	52.5°	3275.4	3229.8	3184.2	3135.2	3086.5	3051.5	3086.5	3135.2	3184.2	3229.8
3205.0	55°	3221.2	3181.5	3141.8	3098.9	3056.0	3024.4	3056.0	3098.9	3141.8	3181.5
3147.4	57.5°	3163.9	3123.7	3083.5	3041.1	2998.5	2965.7	2998.5	3041.1	3083.5	3123.7
3066.2	60°	3084.2	3044.9	3005.9	2962.1	2918.3	2884.5	2918.3	2962.1	3005.9	3044.9
2939.8	62.5°	2957.1	2921.7	2886.3	2840.2	2794.2	2753.6	2794.2	2840.2	2886.3	2921.7
2768.0	65°	2785.6	2751.5	2717.5	2672.8	2628.3	2593.3	2628.3	2672.8	2717.5	2751.5
2572.8	67.5°	2589.9	2558.6	2527.4	2485.9	2444.4	2412.8	2444.4	2485.9	2527.4	2558.6
2364.0	70°	2380.7	2355.2	2329.7	2290.0	2250.2	2214.1	2250.2	2290.0	2329.7	2355.2
2130.6	72.5°	2150.5	2129.3	2108.1	2070.1	2032.4	1997.5	2032.4	2070.1	2108.1	2129.3
1855.3	75°	1876.0	1865.7	1855.3	1823.4	1791.6	1758.2	1791.6	1823.4	1855.3	1865.7
1590.3	77.5°	1609.7	1595.3	1580.4	1548.3	1516.3	1489.6	1516.3	1548.3	1580.4	1595.3
1283.3	80°	1309.1	1302.8	1296.7	1253.5	1210.2	1160.1	1210.2	1253.5	1296.7	1302.8
933.5	82.5°	977.3	974.6	971.6	935.3	898.7	866.7	898.7	935.3	971.6	974.6
566.5	85°	620.7	616.2	611.7	583.2	554.8	525.9	554.8	583.2	611.7	616.2
247.1	87.5°	269.0	263.6	257.8	243.3	228.4	214.4	228.4	243.3	257.8	263.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
5423.6	2.5°	5445.1	5466.5	5493.1	5519.5	5553.6	5587.9	5622.0	5656.1	5694.9	5734.0
5093.6	5°	5123.2	5152.8	5195.2	5237.4	5292.5	5347.3	5407.8	5468.3	5536.7	5605.3
4895.0	7.5°	4930.2	4965.4	5015.5	5065.9	5132.9	5200.2	5276.5	5352.5	5442.8	5533.1
4835.0	10°	4874.7	4914.0	4974.2	5034.3	5109.9	5185.5	5267.7	5349.6	5439.9	5530.1
4923.7	12.5°	4974.5	5025.3	5102.0	5178.7	5256.8	5335.1	5399.2	5463.8	5523.4	5583.4
5107.2	15°	5184.4	5261.6	5370.8	5480.0	5548.0	5615.9	5632.6	5649.3	5641.2	5633.1
5283.7	17.5°	5397.4	5511.2	5655.9	5800.5	5855.2	5910.0	5857.9	5805.5	5707.1	5608.7
5390.9	20°	5530.1	5669.6	5834.8	6000.3	6025.8	6051.1	5941.6	5832.1	5661.1	5490.2
5394.7	22.5°	5538.5	5682.0	5840.0	5998.0	5982.9	5967.6	5825.1	5682.7	5487.3	5292.3
5285.5	25°	5412.8	5540.5	5669.9	5799.4	5747.3	5694.9	5554.8	5414.6	5239.0	5063.6
5071.5	27.5°	5170.6	5269.7	5361.8	5454.1	5395.6	5337.4	5225.0	5112.6	4968.6	4824.4
4807.9	30°	4879.2	4950.1	5020.5	5090.7	5043.3	4995.9	4902.5	4809.3	4689.6	4570.0
4543.4	32.5°	4600.0	4656.7	4721.5	4786.0	4733.2	4680.6	4591.0	4501.6	4405.9	4310.5
4309.8	35°	4361.9	4414.3	4460.1	4506.1	4442.9	4379.7	4291.0	4202.6	4129.9	4057.0
4111.2	37.5°	4159.5	4207.5	4228.8	4250.0	4171.9	4093.8	4005.3	3917.1	3864.9	3812.6
3929.0	40°	3969.9	4010.7	4005.8	4000.6	3910.5	3820.7	3735.4	3650.1	3612.4	3574.7
3744.4	42.5°	3778.7	3813.2	3787.3	3761.3	3664.3	3567.2	3486.2	3405.4	3374.5	3343.8
3562.7	45°	3593.6	3624.8	3587.5	3550.3	3449.6	3349.0	3272.2	3195.5	3169.3	3143.6
3418.9	47.5°	3440.6	3462.3	3419.4	3376.5	3277.2	3177.9	3103.0	3027.8	3003.6	2979.3
3333.2	50°	3334.1	3335.4	3280.4	3225.3	3136.4	3047.4	2976.8	2905.9	2867.8	2829.9
3275.4	52.5°	3263.7	3251.9	3186.7	3121.5	3038.4	2955.6	2890.8	2825.8	2768.9	2711.8
3221.2	55°	3205.0	3188.7	3119.4	3050.4	2977.9	2905.2	2835.3	2765.3	2684.5	2603.5
3163.9	57.5°	3147.4	3130.9	3061.4	2991.7	2919.7	2847.9	2765.8	2683.6	2596.5	2509.4
3084.2	60°	3066.2	3048.1	2978.1	2908.2	2835.0	2762.1	2667.8	2573.5	2497.2	2420.7
2957.1	62.5°	2939.8	2922.4	2858.3	2794.2	2716.3	2638.5	2528.3	2418.4	2369.9	2321.3
2785.6	65°	2768.0	2750.2	2693.8	2637.3	2562.8	2488.4	2370.3	2252.5	2234.0	2215.3
2589.9	67.5°	2572.8	2555.4	2506.6	2457.9	2387.5	2316.8	2207.8	2099.0	2104.9	2110.8
2380.7	70°	2364.0	2347.3	2303.3	2259.3	2198.3	2137.4	2041.7	1946.0	1966.3	1986.6
2150.5	72.5°	2130.6	2110.8	2067.7	2024.5	1969.5	1914.4	1839.2	1763.9	1793.4	1823.2
1876.0	75°	1855.3	1834.5	1795.2	1756.0	1706.1	1656.2	1600.2	1544.3	1572.9	1601.4
1609.7	77.5°	1590.3	1570.9	1529.8	1488.5	1445.6	1402.7	1357.4	1311.8	1340.7	1369.6
1309.1	80°	1283.3	1257.6	1226.5	1195.1	1159.0	1122.9	1085.2	1047.3	1071.6	1095.8
977.3	82.5°	933.5	889.7	822.9	756.1	768.7	781.4	784.5	787.7	804.9	822.0
620.7	85°	566.5	512.3	449.6	387.1	422.1	457.0	473.5	489.8	509.0	528.1
269.0	87.5°	247.1	225.3	198.8	172.7	199.5	226.2	226.8	227.5	231.1	234.7
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°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
5777.1	2.5°	5820.4	5873.9	5922.0	5971.6	6021.3	6073.2	6125.1	6176.6	6228.2	6276.8
5687.2	5°	5768.9	5862.6	5957.4	6057.8	6158.3	6265.7	6373.4	6480.1	6587.1	6694.3
5641.6	7.5°	5750.4	5871.6	6001.0	6141.1	6281.3	6440.4	6599.5	6762.9	6926.3	7103.1
5644.8	10°	5759.5	5889.7	6049.3	6215.4	6381.0	6574.5	6767.7	6983.4	7199.4	7423.1
5676.9	12.5°	5770.7	5891.9	6059.6	6247.2	6434.8	6662.7	6890.7	7135.3	7380.0	7625.6
5677.8	15°	5722.7	5819.7	6005.5	6222.6	6439.7	6702.2	6964.7	7230.1	7495.6	7751.7
5592.4	17.5°	5576.0	5635.8	5854.3	6115.4	6376.5	6681.2	6985.9	7275.5	7565.1	7824.9
5413.5	20°	5336.7	5352.5	5606.9	5930.5	6254.2	6623.5	6992.7	7310.9	7629.2	7899.3
5178.7	22.5°	5065.2	5034.3	5323.9	5713.6	6103.4	6552.6	7001.7	7358.8	7715.6	7991.7
4932.7	25°	4801.8	4718.3	5015.1	5471.5	5928.1	6482.6	7037.4	7445.5	7853.3	8123.5
4698.0	27.5°	4571.6	4470.0	4740.2	5250.1	5759.9	6435.9	7111.9	7580.9	8049.7	8307.6
4469.4	30°	4369.1	4289.5	4516.3	5065.0	5613.7	6414.0	7213.9	7756.2	8298.6	8547.6
4251.1	32.5°	4191.7	4156.3	4339.1	4905.4	5471.5	6386.9	7301.9	7939.3	8576.7	8823.1
4040.5	35°	4024.3	4038.9	4191.3	4748.5	5305.8	6335.9	7366.5	8147.8	8929.2	9165.5
3830.6	37.5°	3848.7	3902.4	4035.6	4563.9	5092.3	6248.6	7404.8	8381.4	9358.1	9659.1
3615.5	40°	3656.4	3738.8	3859.5	4343.6	4827.8	6128.3	7429.0	8678.0	9926.8	10365.6
3397.9	42.5°	3452.1	3555.9	3667.2	4100.6	4533.9	6004.1	7474.8	9066.0	10657.2	11290.5
3196.2	45°	3249.0	3349.4	3462.3	3842.4	4222.4	5888.8	7555.4	9576.5	11597.7	12452.0
3023.5	47.5°	3067.7	3154.2	3299.8	3638.1	3976.4	5793.5	7610.7	10120.5	12630.3	13832.8
2868.9	50°	2908.2	3008.6	3200.0	3502.4	3804.9	5689.7	7574.6	10625.1	13675.7	15488.6
2750.4	52.5°	2789.2	2929.6	3149.7	3413.1	3676.7	5514.4	7352.2	10952.9	14553.3	17227.8
2664.6	55°	2726.0	2937.5	3142.2	3348.3	3554.4	5223.6	6892.9	10880.6	14868.1	18769.8
2598.7	57.5°	2688.1	2945.4	3126.0	3271.6	3417.1	4813.8	6210.2	10372.4	14534.8	19862.7
2536.7	60°	2652.4	2920.6	3039.8	3154.2	3268.6	4281.6	5294.5	9426.4	13558.4	20135.8
2466.0	62.5°	2610.9	2859.6	2874.3	2950.2	3026.2	3644.6	4263.1	8147.4	12031.7	18985.8
2369.4	65°	2523.3	2712.9	2711.1	2747.0	2782.9	3071.6	3360.3	6842.4	10324.7	17358.7
2239.0	67.5°	2367.2	2473.7	2478.7	2458.8	2438.7	2520.9	2602.8	5564.0	8525.2	15422.4
2077.8	70°	2169.0	2204.0	2204.0	2111.2	2018.2	1995.0	1971.5	4380.9	6790.2	13309.6
1885.7	72.5°	1948.3	1947.8	1925.7	1794.1	1662.3	1591.4	1520.8	3349.2	5177.6	11019.2
1649.7	75°	1697.7	1706.3	1604.3	1456.7	1309.1	1245.0	1180.9	2430.8	3680.7	8393.6
1408.2	77.5°	1446.7	1451.3	1283.1	1139.8	996.5	952.7	909.1	1647.2	2385.2	5874.8
1128.3	80°	1160.6	1161.2	960.4	839.2	717.7	699.7	681.6	1061.3	1441.1	3785.0
837.8	82.5°	853.6	844.1	672.6	583.2	493.8	490.2	487.1	652.7	818.8	2190.7
545.1	85°	562.0	549.6	422.1	356.6	291.2	293.0	294.5	348.9	403.6	985.4
241.5	87.5°	248.3	232.5	179.4	152.6	125.9	127.5	129.1	144.7	160.2	322.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
6325.3	2.5°	6349.2	6373.4	6407.5	6441.5	6461.8	6482.2	6492.3	6502.5	6498.0	6502.5
6801.5	5°	6885.3	6969.2	7052.3	7135.6	7180.7	7225.8	7253.2	7280.7	7301.5	7280.7
7280.0	7.5°	7416.3	7552.4	7675.0	7797.6	7871.4	7945.2	7985.1	8024.8	8044.0	8024.8
7646.8	10°	7807.9	7969.1	8112.9	8256.6	8343.8	8430.4	8469.2	8507.8	8522.5	8507.8
7871.4	12.5°	8046.0	8220.5	8350.5	8480.1	8543.3	8606.5	8627.7	8648.9	8651.2	8648.9
8007.9	15°	8158.7	8309.2	8390.7	8472.4	8474.7	8476.9	8454.3	8431.8	8405.1	8431.8
8084.6	17.5°	8186.4	8288.2	8289.8	8291.2	8199.8	8108.3	8024.6	7940.6	7881.5	7940.6
8169.3	20°	8204.7	8240.4	8133.2	8026.0	7824.2	7622.4	7475.5	7328.5	7238.3	7328.5
8267.5	22.5°	8221.0	8174.5	7952.4	7730.3	7433.5	7136.7	6953.0	6769.3	6669.5	6769.3
8393.9	25°	8247.2	8100.4	7763.2	7426.0	7065.6	6705.2	6512.0	6319.2	6224.9	6319.2
8565.4	27.5°	8303.1	8040.6	7594.0	7147.5	6748.0	6348.5	6158.5	5968.7	5879.5	5968.7
8796.7	30°	8405.6	8014.7	7464.9	6915.1	6498.9	6082.7	5906.4	5730.1	5647.1	5730.1
9069.8	32.5°	8534.2	7998.9	7376.8	6754.8	6363.7	5972.5	5834.2	5695.6	5635.8	5695.6
9401.6	35°	8746.2	8091.0	7442.7	6794.8	6523.0	6251.5	6219.2	6186.9	6182.0	6186.9
9960.2	37.5°	9189.2	8418.2	7829.1	7240.1	7222.5	7204.9	7352.5	7500.1	7576.8	7500.1
10804.4	40°	9965.9	9127.4	8689.3	8251.2	8560.4	8869.6	9228.5	9587.4	9766.1	9587.4
11923.8	42.5°	11091.9	10260.0	10007.6	9755.3	10429.7	11104.1	11756.8	12409.5	12792.8	12409.5
13306.3	45°	12559.0	11811.4	11700.2	11588.7	12669.1	13749.8	14822.3	15895.1	16546.2	15895.1
15035.1	47.5°	14308.2	13580.9	13558.4	13535.8	15094.5	16652.7	18223.0	19792.9	20714.9	19792.9
17301.2	50°	16403.1	15505.3	15509.1	15512.9	17521.7	19530.4	21603.1	23675.7	24928.8	23675.7
19902.4	52.5°	18815.0	17727.8	17617.8	17507.7	19907.1	22306.6	24871.0	27435.2	28937.2	27435.2
22671.8	55°	21597.4	20523.1	20094.5	19665.9	22336.4	25006.6	28063.8	31120.9	32907.3	31120.9
25190.6	57.5°	24605.6	24020.3	23160.6	22301.2	24997.6	27694.1	31156.8	34619.3	36834.6	34619.3
26713.0	60°	27621.6	28530.5	27463.0	26395.4	28947.2	31499.0	35206.3	38913.7	41308.0	38913.7
25939.9	62.5°	28422.9	30905.8	30785.5	30665.0	33002.6	35340.4	38867.7	42394.7	44607.7	42394.7
24392.7	65°	26723.1	29053.5	29514.6	29975.5	32946.2	35917.1	39337.4	42757.4	44641.6	42757.4
22319.7	67.5°	24536.1	26752.5	26968.7	27184.7	30280.0	33375.0	36810.0	40244.9	41721.0	40244.9
19829.0	70°	22239.8	24650.7	24747.3	24844.1	27612.2	30379.9	33336.0	36291.7	37112.2	36291.7
16861.1	72.5°	19627.5	22394.1	22463.7	22533.0	24698.6	26864.2	29078.1	31291.8	31374.8	31291.8
13106.5	75°	15969.8	18833.0	19090.1	19347.2	21032.0	22716.9	24275.4	25833.8	25416.3	25833.8
9364.4	77.5°	12037.1	14710.1	15078.0	15445.9	16726.8	18007.6	19112.9	20218.4	19500.7	20218.4
6128.9	80°	8377.6	10626.0	11083.3	11540.6	12508.0	13474.9	14055.4	14635.6	13481.2	14635.6
3562.7	82.5°	5100.0	6637.4	7148.2	7659.2	8325.0	8990.8	9233.0	9475.0	8567.6	9475.0
1567.5	85°	2383.4	3199.3	3633.8	4068.3	4615.4	5162.3	5299.7	5437.2	4710.4	5437.2
485.3	87.5°	759.5	1033.7	1276.1	1518.5	1792.1	2065.6	2077.4	2088.9	1753.7	2088.9
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):**

325°		330°	335°	340°	345°	350°	355°	360°
5881.8	0°	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8	5881.8
6492.3	2.5°	6482.2	6461.8	6441.5	6407.5	6373.4	6349.2	6325.3
7253.2	5°	7225.8	7180.7	7135.6	7052.3	6969.2	6885.3	6801.5
7985.1	7.5°	7945.2	7871.4	7797.6	7675.0	7552.4	7416.3	7280.0
8469.2	10°	8430.4	8343.8	8256.6	8112.9	7969.1	7807.9	7646.8
8627.7	12.5°	8606.5	8543.3	8480.1	8350.5	8220.5	8046.0	7871.4
8454.3	15°	8476.9	8474.7	8472.4	8390.7	8309.2	8158.7	8007.9
8024.6	17.5°	8108.3	8199.8	8291.2	8289.8	8288.2	8186.4	8084.6
7475.5	20°	7622.4	7824.2	8026.0	8133.2	8240.4	8204.7	8169.3
6953.0	22.5°	7136.7	7433.5	7730.3	7952.4	8174.5	8221.0	8267.5
6512.0	25°	6705.2	7065.6	7426.0	7763.2	8100.4	8247.2	8393.9
6158.5	27.5°	6348.5	6748.0	7147.5	7594.0	8040.6	8303.1	8565.4
5906.4	30°	6082.7	6498.9	6915.1	7464.9	8014.7	8405.6	8796.7
5834.2	32.5°	5972.5	6363.7	6754.8	7376.8	7998.9	8534.2	9069.8
6219.2	35°	6251.5	6523.0	6794.8	7442.7	8091.0	8746.2	9401.6
7352.5	37.5°	7204.9	7222.5	7240.1	7829.1	8418.2	9189.2	9960.2
9228.5	40°	8869.6	8560.4	8251.2	8689.3	9127.4	9965.9	10804.4
11756.8	42.5°	11104.1	10429.7	9755.3	10007.6	10260.0	11091.9	11923.8
14822.3	45°	13749.8	12669.1	11588.7	11700.2	11811.4	12559.0	13306.3
18223.0	47.5°	16652.7	15094.5	13535.8	13558.4	13580.9	14308.2	15035.1
21603.1	50°	19530.4	17521.7	15512.9	15509.1	15505.3	16403.1	17301.2
24871.0	52.5°	22306.6	19907.1	17507.7	17617.8	17727.8	18815.0	19902.4
28063.8	55°	25006.6	22336.4	19665.9	20094.5	20523.1	21597.4	22671.8
31156.8	57.5°	27694.1	24997.6	22301.2	23160.6	24020.3	24605.6	25190.6
35206.3	60°	31499.0	28947.2	26395.4	27463.0	28530.5	27621.6	26713.0
38867.7	62.5°	35340.4	33002.6	30665.0	30785.5	30905.8	28422.9	25939.9
39337.4	65°	35917.1	32946.2	29975.5	29514.6	29053.5	26723.1	24392.7
36810.0	67.5°	33375.0	30280.0	27184.7	26968.7	26752.5	24536.1	22319.7
33336.0	70°	30379.9	27612.2	24844.1	24747.3	24650.7	22239.8	19829.0
29078.1	72.5°	26864.2	24698.6	22533.0	22463.7	22394.1	19627.5	16861.1
24275.4	75°	22716.9	21032.0	19347.2	19090.1	18833.0	15969.8	13106.5
19112.9	77.5°	18007.6	16726.8	15445.9	15078.0	14710.1	12037.1	9364.4
14055.4	80°	13474.9	12508.0	11540.6	11083.3	10626.0	8377.6	6128.9
9233.0	82.5°	8990.8	8325.0	7659.2	7148.2	6637.4	5100.0	3562.7
5299.7	85°	5162.3	4615.4	4068.3	3633.8	3199.3	2383.4	1567.5
2077.4	87.5°	2065.6	1792.1	1518.5	1276.1	1033.7	759.5	485.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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