

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: P953830

Luminaire Tested: **GALN-SB7B-735-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P953830  
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-735-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

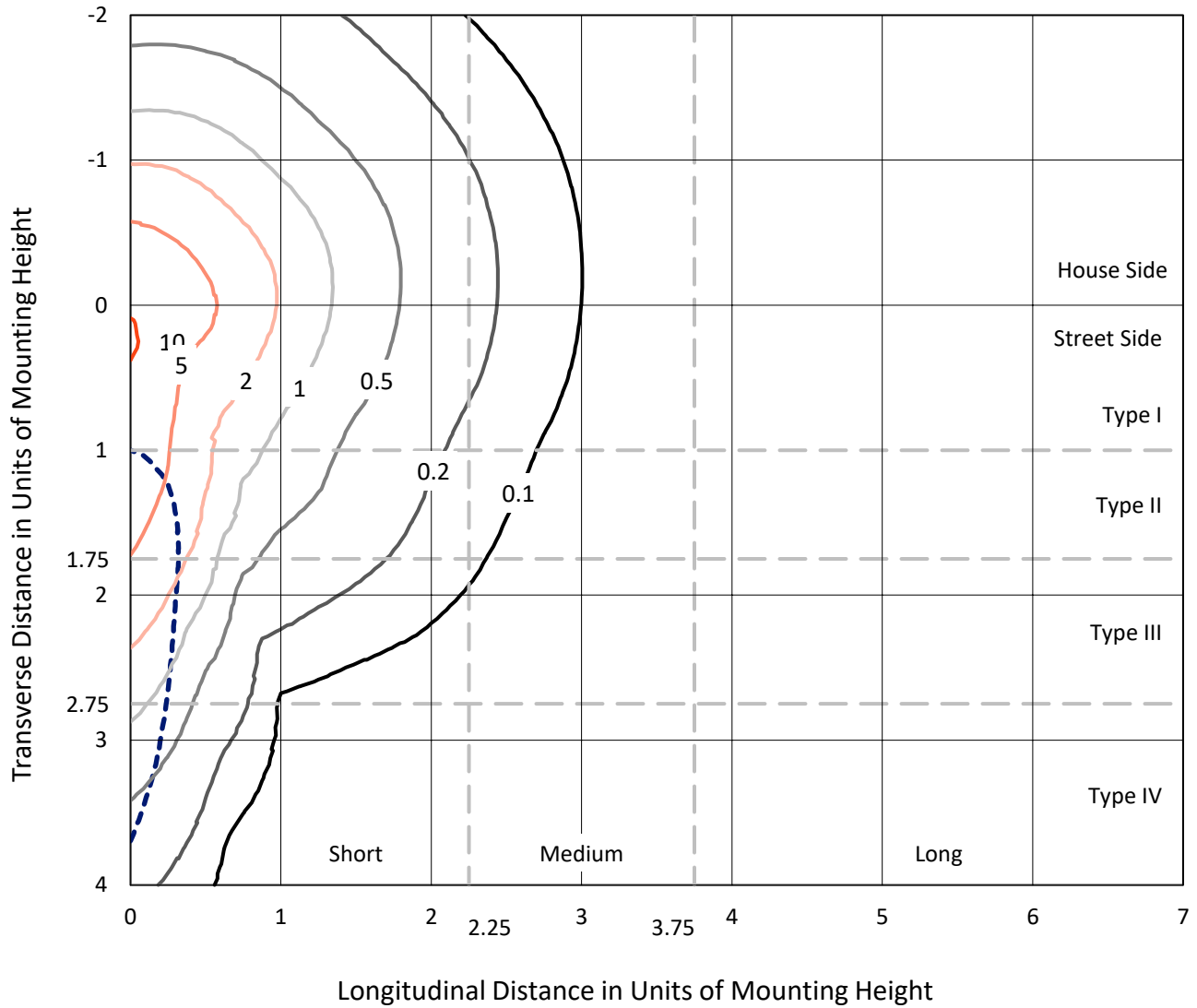
Lumens per Lamp: N/A  
Luminaire Lumens: 39903 lumens  
Efficiency: N/A  
Efficacy: 155.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 256.7  
Input Voltage (V): NR  
Input Current (Ain): 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

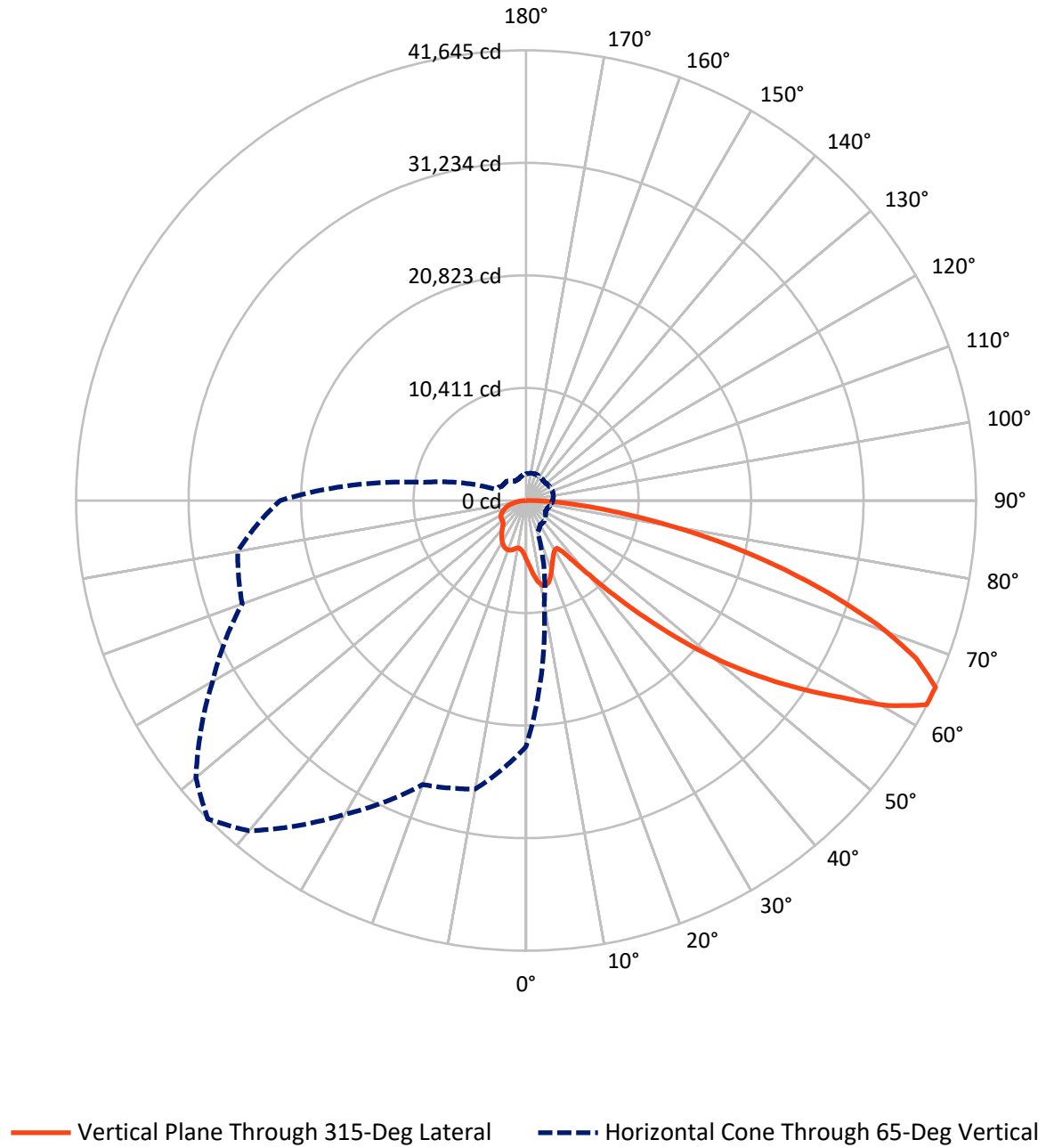
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 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	10141.3	0.0	10141.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	29761.7	0.0	29761.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	39903.0	0.0	39903.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	544.3	1.4
10°-20°	1708.7	4.3
20°-30°	2639.3	6.6
30°-40°	3344.7	8.4
40°-50°	5044.7	12.6
50°-60°	8150.4	20.4
60°-70°	10160.8	25.5
70°-80°	6662.9	16.7
80°-90°	1647.2	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°	39903.0	100.0
0°-180°	39903.0	100.0



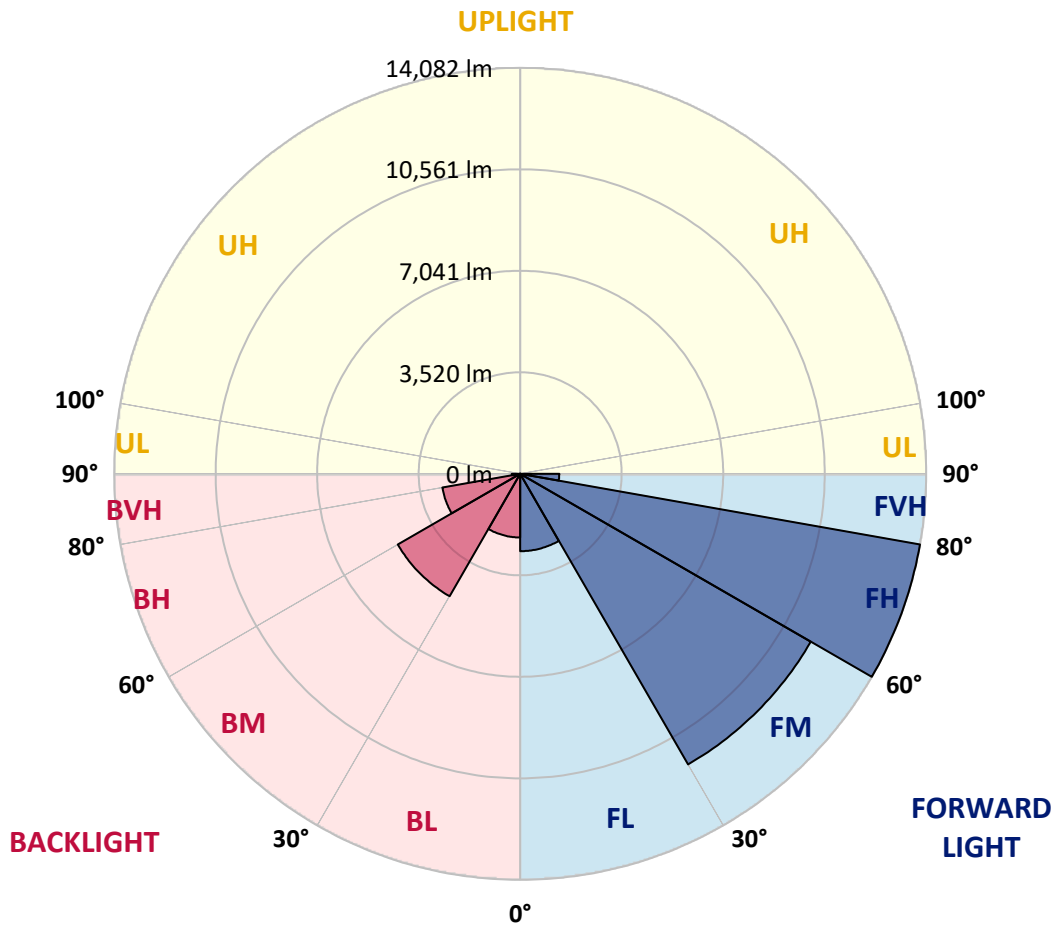
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2683.9	6.7			
FM (30°-60°)	11638.8	29.2			
FH (60°-80°)	14081.9	35.3			G5
FVH (80°-90°)	1357.0	3.4			G5
BL (0°-30°)	2208.4	5.5	B3/2500		
BM (30°-60°)	4900.9	12.3	B3/5000		
BH (60°-80°)	2741.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	290.3	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°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
2.5°	5900.7	5855.5	5810.2	5762.0	5714.0	5665.6	5617.1	5570.8	5524.5	5479.6
5°	6345.0	6245.0	6145.0	6045.2	5945.6	5845.2	5744.9	5651.2	5557.5	5469.1
7.5°	6791.4	6626.3	6461.4	6309.0	6156.6	6008.1	5859.7	5728.9	5598.2	5477.5
10°	7133.5	6924.9	6716.2	6514.7	6313.4	6133.2	5952.7	5798.2	5643.2	5494.4
12.5°	7343.0	7113.7	6884.7	6656.4	6428.2	6215.5	6002.9	5827.9	5652.9	5496.5
15°	7470.4	7231.4	6992.5	6744.8	6497.2	6252.4	6007.5	5804.9	5602.4	5429.1
17.5°	7542.0	7299.7	7057.3	6787.2	6517.0	6232.8	5948.5	5704.9	5461.3	5257.5
20°	7621.0	7369.1	7117.1	6820.2	6523.3	6178.9	5834.4	5532.5	5230.6	4993.3
22.5°	7712.5	7455.3	7197.7	6864.9	6531.8	6112.8	5693.8	5330.1	4966.5	4696.4
25°	7830.5	7578.2	7326.2	6945.7	6565.0	6047.5	5530.2	5104.2	4678.5	4401.6
27.5°	7990.5	7750.0	7509.4	7072.0	6634.5	6003.9	5373.3	4897.7	4422.0	4170.0
30°	8206.3	7973.8	7741.6	7235.6	6729.7	5983.5	5236.9	4725.0	4213.2	4001.6
32.5°	8461.1	8230.9	8001.0	7406.4	6811.8	5958.2	5104.2	4576.2	4047.9	3877.3
35°	8770.6	8550.3	8329.9	7601.0	6872.0	5910.6	4949.7	4429.8	3910.0	3767.8
37.5°	9291.7	9010.8	8729.9	7818.9	6907.8	5829.2	4750.5	4257.6	3764.7	3640.5
40°	10079.2	9669.8	9260.5	8095.5	6930.3	5716.9	4503.7	4052.1	3600.5	3487.8
42.5°	11123.5	10532.7	9941.9	8457.5	6973.1	5601.1	4229.6	3825.3	3421.1	3317.3
45°	12413.1	11616.2	10819.3	8933.8	7048.3	5493.5	3939.0	3584.5	3229.9	3124.6
47.5°	14026.0	12904.4	11782.5	9441.2	7099.8	5404.7	3709.5	3393.9	3078.3	2942.5
50°	16139.9	14449.0	12757.8	9912.0	7066.2	5307.8	3549.5	3267.4	2985.2	2806.7
52.5°	18566.5	16071.5	13576.4	10217.7	6858.8	5144.2	3429.9	3184.0	2938.3	2733.0
55°	21150.0	17510.0	13870.2	10150.3	6430.3	4873.0	3315.8	3123.6	2931.3	2740.3
57.5°	23499.8	18529.5	13559.2	9676.2	5793.4	4490.7	3187.8	3052.0	2916.2	2747.7
60°	24920.0	18784.3	12648.3	8793.7	4939.1	3994.2	3049.2	2942.5	2835.7	2724.6
62.5°	24198.8	17711.5	11224.1	7600.5	3976.9	3400.0	2823.1	2752.1	2681.4	2667.7
65°	22755.5	16193.6	9631.7	6383.1	3134.7	2865.4	2596.1	2562.6	2529.2	2530.8
67.5°	20821.6	14387.3	7953.0	5190.5	2428.1	2351.7	2275.0	2293.8	2312.3	2307.7
70°	18498.1	12416.3	6334.5	4086.8	1839.2	1861.1	1882.8	1969.5	2056.0	2056.0
72.5°	15729.3	10279.6	4830.1	3124.4	1418.7	1484.6	1550.7	1673.7	1796.4	1817.1
75°	12226.8	7830.2	3433.7	2267.7	1101.6	1161.4	1221.2	1358.9	1496.6	1591.8
77.5°	8735.8	5480.5	2225.1	1536.6	848.1	888.7	929.6	1063.3	1197.0	1353.9
80°	5717.6	3531.0	1344.4	990.0	635.9	652.7	669.6	782.8	895.9	1083.3
82.5°	3323.6	2043.6	763.9	608.9	454.4	457.3	460.7	544.1	627.4	787.5
85°	1462.3	919.3	376.5	325.5	274.8	273.3	271.6	332.7	393.7	512.7
87.5°	452.7	301.1	149.5	135.0	120.4	119.0	117.5	142.3	167.4	216.9
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°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
5429.7	2.5°	5389.3	5349.1	5312.7	5276.5	5244.7	5212.9	5180.9	5149.1	5124.4	5099.6
5381.7	5°	5305.5	5229.1	5165.1	5101.3	5044.8	4988.4	4937.3	4885.9	4846.5	4806.9
5364.5	7.5°	5263.0	5161.7	5077.5	4993.3	4922.3	4851.1	4788.4	4725.9	4678.9	4632.2
5372.9	10°	5265.9	5159.0	5074.7	4990.5	4914.1	4837.5	4766.9	4696.4	4640.4	4584.2
5383.4	12.5°	5295.8	5208.7	5152.6	5097.1	5036.8	4977.0	4904.0	4831.1	4759.5	4688.0
5338.6	15°	5296.7	5255.0	5262.6	5270.1	5254.6	5239.0	5175.6	5112.2	5010.3	4908.4
5201.7	17.5°	5217.1	5232.2	5324.0	5415.8	5464.7	5513.3	5462.2	5411.2	5276.2	5141.3
4978.5	20°	5050.1	5121.7	5281.1	5440.7	5542.8	5644.9	5621.3	5597.5	5443.2	5289.1
4725.2	22.5°	4831.1	4937.0	5119.0	5301.3	5434.2	5567.0	5581.3	5595.4	5448.1	5300.7
4479.5	25°	4601.6	4723.8	4887.4	5051.2	5181.9	5312.7	5361.5	5410.2	5289.3	5168.7
4264.7	27.5°	4382.7	4500.6	4635.1	4769.4	4874.3	4979.2	5033.5	5088.0	5001.9	4916.0
4075.9	30°	4169.4	4263.3	4374.9	4486.5	4573.4	4660.6	4704.8	4749.0	4683.5	4617.8
3910.4	32.5°	3965.8	4021.1	4110.2	4199.5	4282.9	4366.4	4415.5	4464.8	4404.6	4344.1
3754.2	35°	3769.3	3784.7	3852.7	3920.5	4003.0	4085.8	4144.7	4203.7	4160.7	4118.0
3590.3	37.5°	3573.5	3556.7	3605.5	3654.1	3736.5	3819.0	3891.9	3964.7	3944.9	3925.1
3411.0	40°	3372.8	3334.7	3369.9	3405.1	3484.6	3564.2	3648.0	3732.0	3736.9	3741.5
3220.4	42.5°	3169.9	3119.3	3148.0	3176.8	3252.2	3327.8	3418.3	3508.9	3533.1	3557.3
3030.9	45°	2981.6	2932.6	2956.6	2981.0	3052.6	3124.2	3218.1	3312.0	3346.7	3381.5
2861.8	47.5°	2820.6	2779.3	2802.0	2824.6	2894.7	2964.6	3057.2	3149.9	3189.9	3229.9
2713.0	50°	2676.3	2639.9	2675.3	2710.9	2777.0	2842.9	2925.8	3008.8	3060.2	3111.5
2602.0	52.5°	2565.8	2529.8	2583.1	2636.1	2696.8	2757.2	2834.5	2911.9	2972.8	3033.6
2543.1	55°	2485.8	2428.7	2504.3	2579.7	2645.0	2710.2	2778.0	2845.6	2910.1	2974.7
2507.7	57.5°	2424.3	2340.9	2422.2	2503.5	2580.1	2656.8	2723.7	2790.9	2855.9	2920.8
2474.4	60°	2366.4	2258.2	2329.6	2400.7	2488.7	2576.7	2644.8	2713.0	2778.2	2843.5
2435.7	62.5°	2300.5	2165.5	2210.8	2256.1	2358.6	2461.4	2534.0	2606.6	2666.4	2726.2
2354.0	65°	2210.4	2066.6	2084.1	2101.3	2211.2	2321.3	2390.8	2460.3	2512.9	2565.6
2208.3	67.5°	2088.7	1969.1	1963.6	1958.1	2059.6	2161.3	2227.2	2292.9	2338.4	2383.9
2023.4	70°	1938.3	1853.3	1834.3	1815.4	1904.7	1993.9	2050.8	2107.6	2148.7	2189.7
1817.5	72.5°	1759.2	1700.8	1673.1	1645.5	1715.8	1785.9	1837.3	1888.7	1928.9	1969.1
1583.8	75°	1538.9	1493.9	1467.3	1440.6	1492.8	1545.0	1591.6	1638.1	1674.7	1711.4
1349.6	77.5°	1313.6	1277.6	1250.7	1223.7	1266.3	1308.6	1348.6	1388.6	1427.1	1465.4
1082.7	80°	1052.6	1022.2	999.7	977.0	1012.3	1047.5	1081.2	1114.9	1144.1	1173.2
796.3	82.5°	781.6	766.8	750.8	734.8	731.9	728.9	717.1	705.4	767.7	830.0
524.3	85°	508.5	492.7	474.8	456.9	441.7	426.4	393.7	361.1	419.4	478.0
231.6	87.5°	225.3	219.0	215.6	212.2	211.6	211.0	186.1	161.1	185.5	210.1
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°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
5079.6	2.5°	5059.6	5044.0	5028.4	5014.1	4999.6	4981.7	4999.6	5014.1	5028.4	5044.0
4779.3	5°	4751.8	4732.2	4712.6	4697.6	4682.7	4668.0	4682.7	4697.6	4712.6	4732.2
4599.3	7.5°	4566.5	4543.9	4521.6	4508.1	4494.9	4484.8	4494.9	4508.1	4521.6	4543.9
4547.5	10°	4510.5	4489.2	4467.9	4456.6	4445.2	4440.6	4445.2	4456.6	4467.9	4489.2
4640.6	12.5°	4593.2	4569.4	4545.8	4536.1	4526.5	4524.8	4526.5	4536.1	4545.8	4569.4
4836.4	15°	4764.4	4731.3	4698.5	4685.9	4673.2	4672.2	4673.2	4685.9	4698.5	4731.3
5035.2	17.5°	4929.0	4880.2	4831.1	4815.1	4798.9	4796.4	4798.9	4815.1	4831.1	4880.2
5159.0	20°	5029.1	4966.5	4903.8	4883.8	4863.8	4857.5	4863.8	4883.8	4903.8	4966.5
5166.8	22.5°	5032.6	4966.7	4900.6	4878.5	4856.4	4846.9	4856.4	4878.5	4900.6	4966.7
5049.5	25°	4930.7	4873.5	4816.4	4795.6	4774.9	4762.7	4774.9	4795.6	4816.4	4873.5
4823.6	27.5°	4731.1	4692.8	4654.3	4644.8	4635.3	4632.2	4635.3	4644.8	4654.3	4692.8
4551.7	30°	4485.2	4465.6	4445.8	4445.8	4445.8	4449.0	4445.8	4445.8	4445.8	4465.6
4291.3	32.5°	4238.4	4225.6	4212.7	4214.4	4216.3	4219.5	4216.3	4214.4	4212.7	4225.6
4069.1	35°	4020.5	4000.9	3981.6	3977.3	3973.1	3971.0	3973.1	3977.3	3981.6	4000.9
3880.3	37.5°	3835.2	3799.6	3764.3	3745.5	3726.8	3716.3	3726.8	3745.5	3764.3	3799.6
3703.4	40°	3665.3	3613.5	3562.1	3527.2	3492.6	3472.0	3492.6	3527.2	3562.1	3613.5
3525.1	42.5°	3493.1	3428.9	3364.6	3313.9	3263.1	3229.9	3263.1	3313.9	3364.6	3428.9
3352.4	45°	3323.6	3250.1	3176.8	3117.2	3057.6	3019.3	3057.6	3117.2	3176.8	3250.1
3209.7	47.5°	3189.5	3124.2	3058.9	3003.7	2948.8	2911.9	2948.8	3003.7	3058.9	3124.2
3110.3	50°	3109.4	3057.2	3005.0	2954.1	2903.1	2867.7	2903.1	2954.1	3005.0	3057.2
3044.6	52.5°	3055.5	3013.0	2970.5	2924.8	2879.3	2846.7	2879.3	2924.8	2970.5	3013.0
2989.8	55°	3005.0	2968.0	2930.9	2890.9	2850.9	2821.4	2850.9	2890.9	2930.9	2968.0
2936.2	57.5°	2951.5	2914.1	2876.6	2837.0	2797.2	2766.7	2797.2	2837.0	2876.6	2914.1
2860.4	60°	2877.2	2840.6	2804.1	2763.3	2722.4	2690.9	2722.4	2763.3	2804.1	2840.6
2742.5	62.5°	2758.7	2725.6	2692.5	2649.6	2606.6	2568.7	2606.6	2649.6	2692.5	2725.6
2582.2	65°	2598.6	2566.8	2535.1	2493.4	2451.9	2419.3	2451.9	2493.4	2535.1	2566.8
2400.1	67.5°	2416.1	2386.8	2357.8	2319.0	2280.3	2250.8	2280.3	2319.0	2357.8	2386.8
2205.3	70°	2220.9	2197.1	2173.3	2136.3	2099.2	2065.5	2099.2	2136.3	2173.3	2197.1
1987.6	72.5°	2006.1	1986.4	1966.6	1931.2	1896.0	1863.4	1896.0	1931.2	1966.6	1986.4
1730.7	75°	1750.1	1740.4	1730.7	1701.1	1671.4	1640.2	1671.4	1701.1	1730.7	1740.4
1483.6	77.5°	1501.7	1488.2	1474.3	1444.4	1414.5	1389.6	1414.5	1444.4	1474.3	1488.2
1197.2	80°	1221.2	1215.3	1209.6	1169.4	1129.0	1082.2	1129.0	1169.4	1209.6	1215.3
870.8	82.5°	911.7	909.2	906.4	872.5	838.4	808.5	838.4	872.5	906.4	909.2
528.5	85°	579.0	574.8	570.6	544.1	517.5	490.6	517.5	544.1	570.6	574.8
230.6	87.5°	251.0	245.9	240.5	227.0	213.1	200.0	213.1	227.0	240.5	245.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P953830  
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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
5059.6	2.5°	5079.6	5099.6	5124.4	5149.1	5180.9	5212.9	5244.7	5276.5	5312.7	5349.1
4751.8	5°	4779.3	4806.9	4846.5	4885.9	4937.3	4988.4	5044.8	5101.3	5165.1	5229.1
4566.5	7.5°	4599.3	4632.2	4678.9	4725.9	4788.4	4851.1	4922.3	4993.3	5077.5	5161.7
4510.5	10°	4547.5	4584.2	4640.4	4696.4	4766.9	4837.5	4914.1	4990.5	5074.7	5159.0
4593.2	12.5°	4640.6	4688.0	4759.5	4831.1	4904.0	4977.0	5036.8	5097.1	5152.6	5208.7
4764.4	15°	4836.4	4908.4	5010.3	5112.2	5175.6	5239.0	5254.6	5270.1	5262.6	5255.0
4929.0	17.5°	5035.2	5141.3	5276.2	5411.2	5462.2	5513.3	5464.7	5415.8	5324.0	5232.2
5029.1	20°	5159.0	5289.1	5443.2	5597.5	5621.3	5644.9	5542.8	5440.7	5281.1	5121.7
5032.6	22.5°	5166.8	5300.7	5448.1	5595.4	5581.3	5567.0	5434.2	5301.3	5119.0	4937.0
4930.7	25°	5049.5	5168.7	5289.3	5410.2	5361.5	5312.7	5181.9	5051.2	4887.4	4723.8
4731.1	27.5°	4823.6	4916.0	5001.9	5088.0	5033.5	4979.2	4874.3	4769.4	4635.1	4500.6
4485.2	30°	4551.7	4617.8	4683.5	4749.0	4704.8	4660.6	4573.4	4486.5	4374.9	4263.3
4238.4	32.5°	4291.3	4344.1	4404.6	4464.8	4415.5	4366.4	4282.9	4199.5	4110.2	4021.1
4020.5	35°	4069.1	4118.0	4160.7	4203.7	4144.7	4085.8	4003.0	3920.5	3852.7	3784.7
3835.2	37.5°	3880.3	3925.1	3944.9	3964.7	3891.9	3819.0	3736.5	3654.1	3605.5	3556.7
3665.3	40°	3703.4	3741.5	3736.9	3732.0	3648.0	3564.2	3484.6	3405.1	3369.9	3334.7
3493.1	42.5°	3525.1	3557.3	3533.1	3508.9	3418.3	3327.8	3252.2	3176.8	3148.0	3119.3
3323.6	45°	3352.4	3381.5	3346.7	3312.0	3218.1	3124.2	3052.6	2981.0	2956.6	2932.6
3189.5	47.5°	3209.7	3229.9	3189.9	3149.9	3057.2	2964.6	2894.7	2824.6	2802.0	2779.3
3109.4	50°	3110.3	3111.5	3060.2	3008.8	2925.8	2842.9	2777.0	2710.9	2675.3	2639.9
3055.5	52.5°	3044.6	3033.6	2972.8	2911.9	2834.5	2757.2	2696.8	2636.1	2583.1	2529.8
3005.0	55°	2989.8	2974.7	2910.1	2845.6	2778.0	2710.2	2645.0	2579.7	2504.3	2428.7
2951.5	57.5°	2936.2	2920.8	2855.9	2790.9	2723.7	2656.8	2580.1	2503.5	2422.2	2340.9
2877.2	60°	2860.4	2843.5	2778.2	2713.0	2644.8	2576.7	2488.7	2400.7	2329.6	2258.2
2758.7	62.5°	2742.5	2726.2	2666.4	2606.6	2534.0	2461.4	2358.6	2256.1	2210.8	2165.5
2598.6	65°	2582.2	2565.6	2512.9	2460.3	2390.8	2321.3	2211.2	2101.3	2084.1	2066.6
2416.1	67.5°	2400.1	2383.9	2338.4	2292.9	2227.2	2161.3	2059.6	1958.1	1963.6	1969.1
2220.9	70°	2205.3	2189.7	2148.7	2107.6	2050.8	1993.9	1904.7	1815.4	1834.3	1853.3
2006.1	72.5°	1987.6	1969.1	1928.9	1888.7	1837.3	1785.9	1715.8	1645.5	1673.1	1700.8
1750.1	75°	1730.7	1711.4	1674.7	1638.1	1591.6	1545.0	1492.8	1440.6	1467.3	1493.9
1501.7	77.5°	1483.6	1465.4	1427.1	1388.6	1348.6	1308.6	1266.3	1223.7	1250.7	1277.6
1221.2	80°	1197.2	1173.2	1144.1	1114.9	1081.2	1047.5	1012.3	977.0	999.7	1022.2
911.7	82.5°	870.8	830.0	767.7	705.4	717.1	728.9	731.9	734.8	750.8	766.8
579.0	85°	528.5	478.0	419.4	361.1	393.7	426.4	441.7	456.9	474.8	492.7
251.0	87.5°	230.6	210.1	185.5	161.1	186.1	211.0	211.6	212.2	215.6	219.0
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
5389.3	2.5°	5429.7	5479.6	5524.5	5570.8	5617.1	5665.6	5714.0	5762.0	5810.2	5855.5
5305.5	5°	5381.7	5469.1	5557.5	5651.2	5744.9	5845.2	5945.6	6045.2	6145.0	6245.0
5263.0	7.5°	5364.5	5477.5	5598.2	5728.9	5859.7	6008.1	6156.6	6309.0	6461.4	6626.3
5265.9	10°	5372.9	5494.4	5643.2	5798.2	5952.7	6133.2	6313.4	6514.7	6716.2	6924.9
5295.8	12.5°	5383.4	5496.5	5652.9	5827.9	6002.9	6215.5	6428.2	6656.4	6884.7	7113.7
5296.7	15°	5338.6	5429.1	5602.4	5804.9	6007.5	6252.4	6497.2	6744.8	6992.5	7231.4
5217.1	17.5°	5201.7	5257.5	5461.3	5704.9	5948.5	6232.8	6517.0	6787.2	7057.3	7299.7
5050.1	20°	4978.5	4993.3	5230.6	5532.5	5834.4	6178.9	6523.3	6820.2	7117.1	7369.1
4831.1	22.5°	4725.2	4696.4	4966.5	5330.1	5693.8	6112.8	6531.8	6864.9	7197.7	7455.3
4601.6	25°	4479.5	4401.6	4678.5	5104.2	5530.2	6047.5	6565.0	6945.7	7326.2	7578.2
4382.7	27.5°	4264.7	4170.0	4422.0	4897.7	5373.3	6003.9	6634.5	7072.0	7509.4	7750.0
4169.4	30°	4075.9	4001.6	4213.2	4725.0	5236.9	5983.5	6729.7	7235.6	7741.6	7973.8
3965.8	32.5°	3910.4	3877.3	4047.9	4576.2	5104.2	5958.2	6811.8	7406.4	8001.0	8230.9
3769.3	35°	3754.2	3767.8	3910.0	4429.8	4949.7	5910.6	6872.0	7601.0	8329.9	8550.3
3573.5	37.5°	3590.3	3640.5	3764.7	4257.6	4750.5	5829.2	6907.8	7818.9	8729.9	9010.8
3372.8	40°	3411.0	3487.8	3600.5	4052.1	4503.7	5716.9	6930.3	8095.5	9260.5	9669.8
3169.9	42.5°	3220.4	3317.3	3421.1	3825.3	4229.6	5601.1	6973.1	8457.5	9941.9	10532.7
2981.6	45°	3030.9	3124.6	3229.9	3584.5	3939.0	5493.5	7048.3	8933.8	10819.3	11616.2
2820.6	47.5°	2861.8	2942.5	3078.3	3393.9	3709.5	5404.7	7099.8	9441.2	11782.5	12904.4
2676.3	50°	2713.0	2806.7	2985.2	3267.4	3549.5	5307.8	7066.2	9912.0	12757.8	14449.0
2565.8	52.5°	2602.0	2733.0	2938.3	3184.0	3429.9	5144.2	6858.8	10217.7	13576.4	16071.5
2485.8	55°	2543.1	2740.3	2931.3	3123.6	3315.8	4873.0	6430.3	10150.3	13870.2	17510.0
2424.3	57.5°	2507.7	2747.7	2916.2	3052.0	3187.8	4490.7	5793.4	9676.2	13559.2	18529.5
2366.4	60°	2474.4	2724.6	2835.7	2942.5	3049.2	3994.2	4939.1	8793.7	12648.3	18784.3
2300.5	62.5°	2435.7	2667.7	2681.4	2752.1	2823.1	3400.0	3976.9	7600.5	11224.1	17711.5
2210.4	65°	2354.0	2530.8	2529.2	2562.6	2596.1	2865.4	3134.7	6383.1	9631.7	16193.6
2088.7	67.5°	2208.3	2307.7	2312.3	2293.8	2275.0	2351.7	2428.1	5190.5	7953.0	14387.3
1938.3	70°	2023.4	2056.0	2056.0	1969.5	1882.8	1861.1	1839.2	4086.8	6334.5	12416.3
1759.2	72.5°	1817.5	1817.1	1796.4	1673.7	1550.7	1484.6	1418.7	3124.4	4830.1	10279.6
1538.9	75°	1583.8	1591.8	1496.6	1358.9	1221.2	1161.4	1101.6	2267.7	3433.7	7830.2
1313.6	77.5°	1349.6	1353.9	1197.0	1063.3	929.6	888.7	848.1	1536.6	2225.1	5480.5
1052.6	80°	1082.7	1083.3	895.9	782.8	669.6	652.7	635.9	990.0	1344.4	3531.0
781.6	82.5°	796.3	787.5	627.4	544.1	460.7	457.3	454.4	608.9	763.9	2043.6
508.5	85°	524.3	512.7	393.7	332.7	271.6	273.3	274.8	325.5	376.5	919.3
225.3	87.5°	231.6	216.9	167.4	142.3	117.5	119.0	120.4	135.0	149.5	301.1
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°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
5900.7	2.5°	5923.1	5945.6	5977.4	6009.2	6028.1	6047.1	6056.6	6066.0	6061.8	6066.0
6345.0	5°	6423.1	6501.4	6578.9	6656.6	6698.7	6740.8	6766.3	6792.0	6811.4	6792.0
6791.4	7.5°	6918.6	7045.5	7159.8	7274.2	7343.0	7411.9	7449.1	7486.2	7504.1	7486.2
7133.5	10°	7283.9	7434.2	7568.3	7702.4	7783.7	7864.6	7900.8	7936.8	7950.5	7936.8
7343.0	12.5°	7506.0	7668.8	7790.0	7910.9	7969.8	8028.8	8048.6	8068.4	8070.5	8068.4
7470.4	15°	7611.1	7751.5	7827.5	7903.7	7905.8	7907.9	7886.9	7865.8	7841.0	7865.8
7542.0	17.5°	7637.0	7731.9	7733.4	7734.7	7649.4	7564.1	7486.0	7407.7	7352.5	7407.7
7621.0	20°	7654.0	7687.3	7587.3	7487.3	7299.0	7110.8	6973.7	6836.6	6752.4	6836.6
7712.5	22.5°	7669.2	7625.8	7418.6	7211.4	6934.6	6657.7	6486.3	6314.9	6221.8	6314.9
7830.5	25°	7693.6	7556.7	7242.2	6927.6	6591.4	6255.1	6074.9	5895.1	5807.0	5895.1
7990.5	27.5°	7745.8	7500.9	7084.3	6667.8	6295.1	5922.4	5745.1	5568.1	5484.9	5568.1
8206.3	30°	7841.4	7476.7	6963.8	6450.9	6062.7	5674.4	5510.0	5345.5	5268.0	5345.5
8461.1	32.5°	7961.4	7462.0	6881.7	6301.4	5936.5	5571.6	5442.6	5313.3	5257.5	5313.3
8770.6	35°	8159.1	7547.9	6943.2	6338.7	6085.2	5831.9	5801.8	5771.7	5767.0	5771.7
9291.7	37.5°	8572.4	7853.2	7303.7	6754.1	6737.7	6721.3	6859.0	6996.7	7068.3	6996.7
10079.2	40°	9297.0	8514.8	8106.1	7697.4	7985.8	8274.3	8609.1	8943.9	9110.6	8943.9
11123.5	42.5°	10347.4	9571.3	9335.9	9100.5	9729.6	10358.8	10967.7	11576.6	11934.1	11576.6
12413.1	45°	11716.0	11018.6	10914.8	10810.8	11818.8	12826.9	13827.4	14828.2	15435.6	14828.2
14026.0	47.5°	13347.8	12669.4	12648.3	12627.3	14081.4	15535.0	16999.8	18464.4	19324.5	18464.4
16139.9	50°	15302.1	14464.6	14468.1	14471.7	16345.6	18219.6	20153.1	22086.6	23255.6	22086.6
18566.5	52.5°	17552.1	16537.9	16435.3	16332.6	18571.0	20809.4	23201.7	25593.7	26995.0	25593.7
21150.0	55°	20147.8	19145.6	18745.7	18345.9	20837.1	23328.2	26180.1	29032.1	30698.6	29032.1
23499.8	57.5°	22954.0	22408.1	21606.1	20804.3	23319.8	25835.3	29065.6	32295.6	34362.2	32295.6
24920.0	60°	25767.7	26615.6	25619.6	24623.7	27004.2	29384.7	32843.3	36301.8	38535.4	36301.8
24198.8	62.5°	26515.1	28831.4	28719.2	28606.8	30787.5	32968.4	36258.9	39549.2	41613.7	39549.2
22755.5	65°	24929.5	27103.4	27533.6	27963.5	30734.8	33506.3	36697.0	39887.5	41645.2	39887.5
20821.6	67.5°	22889.2	24956.8	25158.5	25360.0	28247.6	31134.9	34339.3	37543.7	38920.7	37543.7
18498.1	70°	20747.0	22996.2	23086.3	23176.6	25758.8	28340.8	31098.4	33855.8	34621.2	33855.8
15729.3	72.5°	18310.1	20891.0	20955.9	21020.5	23040.8	25061.0	27126.4	29191.5	29268.9	29191.5
12226.8	75°	14897.9	17568.9	17808.8	18048.6	19620.4	21192.1	22646.0	24099.9	23710.4	24099.9
8735.8	77.5°	11229.2	13722.8	14066.0	14409.2	15604.1	16799.0	17830.0	18861.3	18191.8	18861.3
5717.6	80°	7815.3	9912.8	10339.4	10766.0	11668.4	12570.4	13112.0	13653.3	12576.3	13653.3
3323.6	82.5°	4757.7	6191.9	6668.4	7145.1	7766.2	8387.4	8613.3	8839.0	7992.6	8839.0
1462.3	85°	2223.4	2984.6	3389.9	3795.2	4305.6	4815.8	4944.0	5072.2	4394.2	5072.2
452.7	87.5°	708.5	964.3	1190.5	1416.6	1671.8	1927.0	1937.9	1948.7	1636.0	1948.7
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):**

325°		330°	335°	340°	345°	350°	355°	360°
5487.0	0°	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0	5487.0
6056.6	2.5°	6047.1	6028.1	6009.2	5977.4	5945.6	5923.1	5900.7
6766.3	5°	6740.8	6698.7	6656.6	6578.9	6501.4	6423.1	6345.0
7449.1	7.5°	7411.9	7343.0	7274.2	7159.8	7045.5	6918.6	6791.4
7900.8	10°	7864.6	7783.7	7702.4	7568.3	7434.2	7283.9	7133.5
8048.6	12.5°	8028.8	7969.8	7910.9	7790.0	7668.8	7506.0	7343.0
7886.9	15°	7907.9	7905.8	7903.7	7827.5	7751.5	7611.1	7470.4
7486.0	17.5°	7564.1	7649.4	7734.7	7733.4	7731.9	7637.0	7542.0
6973.7	20°	7110.8	7299.0	7487.3	7587.3	7687.3	7654.0	7621.0
6486.3	22.5°	6657.7	6934.6	7211.4	7418.6	7625.8	7669.2	7712.5
6074.9	25°	6255.1	6591.4	6927.6	7242.2	7556.7	7693.6	7830.5
5745.1	27.5°	5922.4	6295.1	6667.8	7084.3	7500.9	7745.8	7990.5
5510.0	30°	5674.4	6062.7	6450.9	6963.8	7476.7	7841.4	8206.3
5442.6	32.5°	5571.6	5936.5	6301.4	6881.7	7462.0	7961.4	8461.1
5801.8	35°	5831.9	6085.2	6338.7	6943.2	7547.9	8159.1	8770.6
6859.0	37.5°	6721.3	6737.7	6754.1	7303.7	7853.2	8572.4	9291.7
8609.1	40°	8274.3	7985.8	7697.4	8106.1	8514.8	9297.0	10079.2
10967.7	42.5°	10358.8	9729.6	9100.5	9335.9	9571.3	10347.4	11123.5
13827.4	45°	12826.9	11818.8	10810.8	10914.8	11018.6	11716.0	12413.1
16999.8	47.5°	15535.0	14081.4	12627.3	12648.3	12669.4	13347.8	14026.0
20153.1	50°	18219.6	16345.6	14471.7	14468.1	14464.6	15302.1	16139.9
23201.7	52.5°	20809.4	18571.0	16332.6	16435.3	16537.9	17552.1	18566.5
26180.1	55°	23328.2	20837.1	18345.9	18745.7	19145.6	20147.8	21150.0
29065.6	57.5°	25835.3	23319.8	20804.3	21606.1	22408.1	22954.0	23499.8
32843.3	60°	29384.7	27004.2	24623.7	25619.6	26615.6	25767.7	24920.0
36258.9	62.5°	32968.4	30787.5	28606.8	28719.2	28831.4	26515.1	24198.8
36697.0	65°	33506.3	30734.8	27963.5	27533.6	27103.4	24929.5	22755.5
34339.3	67.5°	31134.9	28247.6	25360.0	25158.5	24956.8	22889.2	20821.6
31098.4	70°	28340.8	25758.8	23176.6	23086.3	22996.2	20747.0	18498.1
27126.4	72.5°	25061.0	23040.8	21020.5	20955.9	20891.0	18310.1	15729.3
22646.0	75°	21192.1	19620.4	18048.6	17808.8	17568.9	14897.9	12226.8
17830.0	77.5°	16799.0	15604.1	14409.2	14066.0	13722.8	11229.2	8735.8
13112.0	80°	12570.4	11668.4	10766.0	10339.4	9912.8	7815.3	5717.6
8613.3	82.5°	8387.4	7766.2	7145.1	6668.4	6191.9	4757.7	3323.6
4944.0	85°	4815.8	4305.6	3795.2	3389.9	2984.6	2223.4	1462.3
1937.9	87.5°	1927.0	1671.8	1416.6	1190.5	964.3	708.5	452.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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