

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: P952864

Luminaire Tested: **GALN-SB6C-830-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952864
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-SB6C-830-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40661 lumens
Efficiency: N/A
Efficacy: 135.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

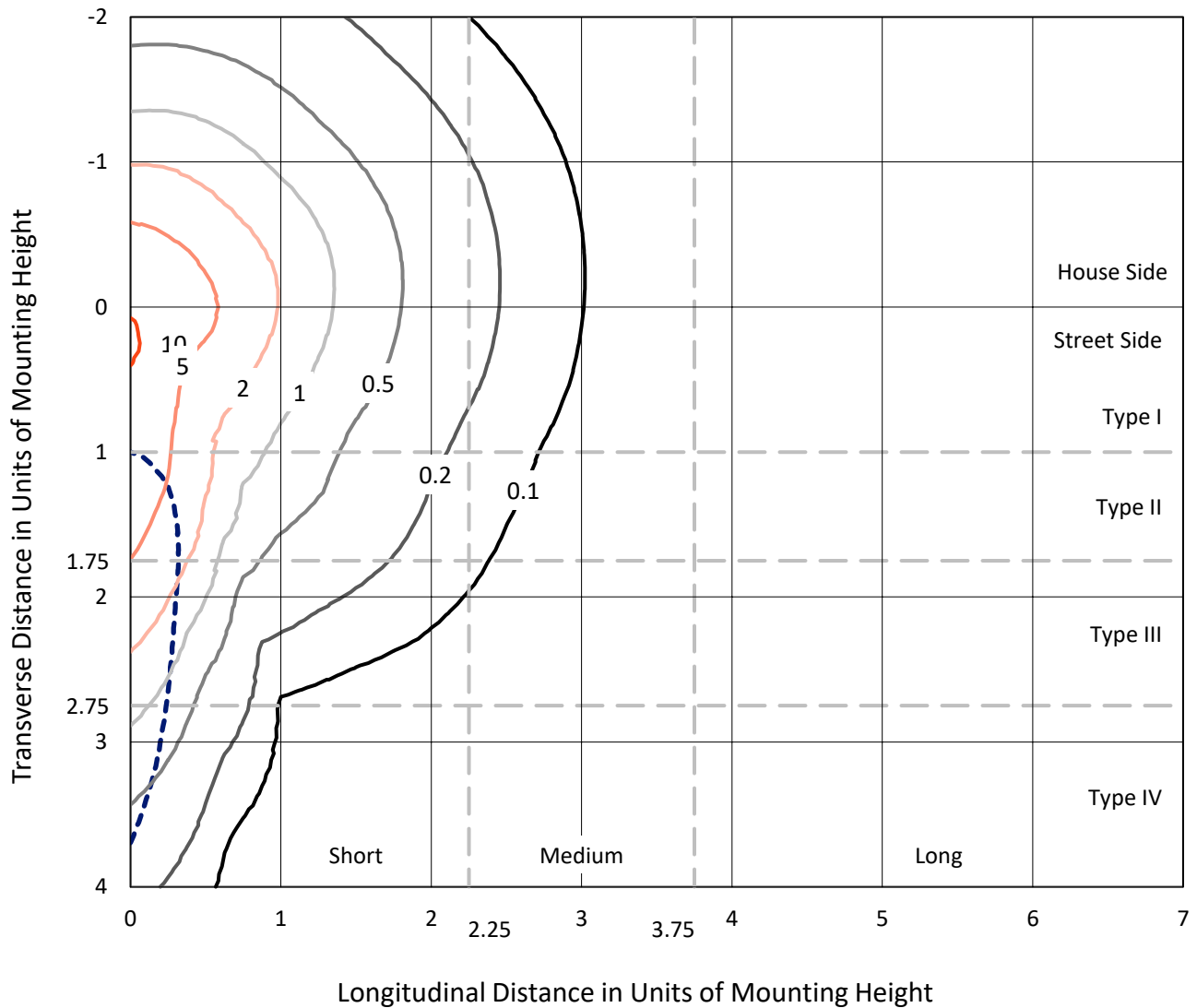
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

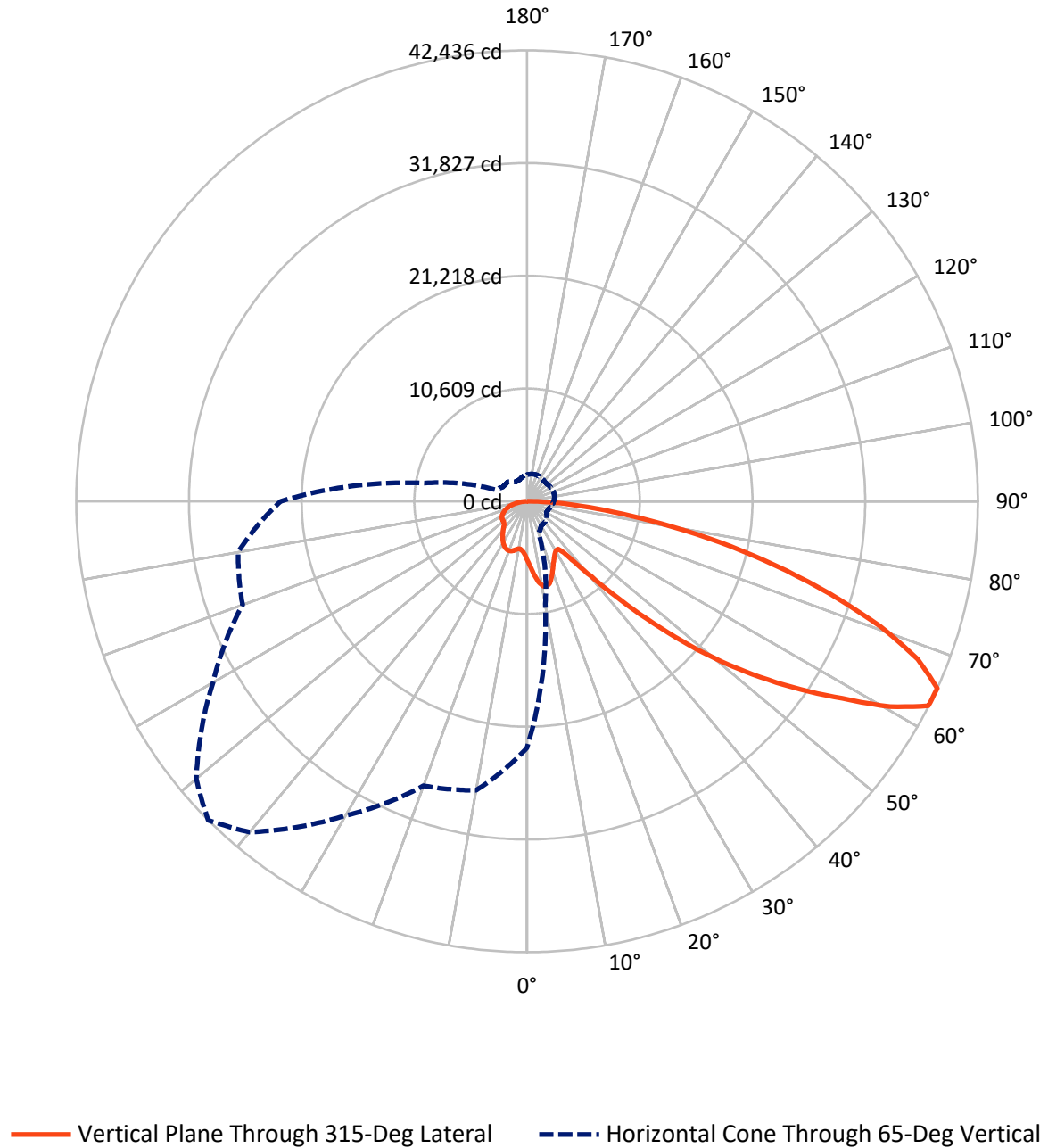
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10334.0	0.0	10334.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	30327.0	0.0	30327.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	40661.0	0.0	40661.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	554.6	1.4
10°-20°	1741.2	4.3
20°-30°	2689.5	6.6
30°-40°	3408.2	8.4
40°-50°	5140.5	12.6
50°-60°	8305.2	20.4
60°-70°	10353.8	25.5
70°-80°	6789.5	16.7
80°-90°	1678.5	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°	40661.0	100.0
0°-180°	40661.0	100.0

Coefficient of Utilization



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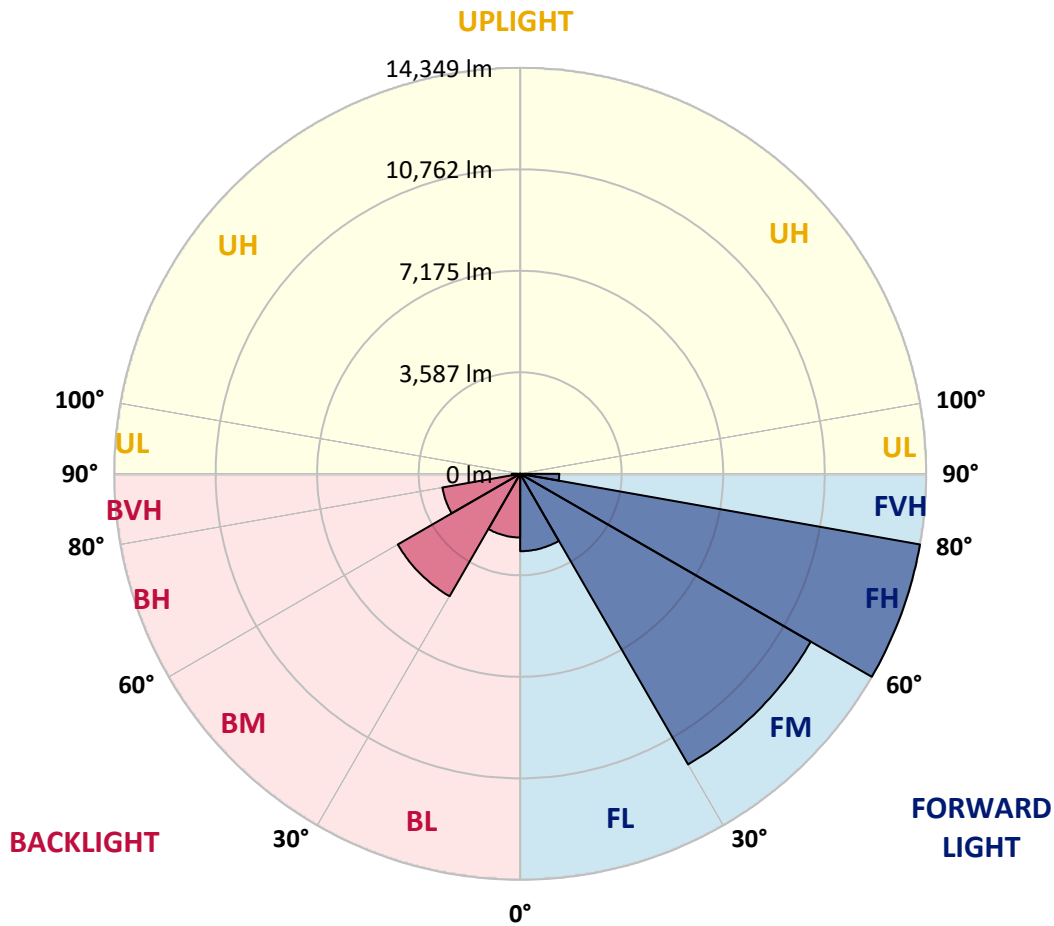
CATALOG NUMBER: GALN-SB6C-830-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2734.9	6.7			
FM (30°-60°)	11859.9	29.2			
FH (60°-80°)	14349.4	35.3			G5
FVH (80°-90°)	1382.7	3.4			G5
BL (0°-30°)	2250.4	5.5	B3/2500		
BM (30°-60°)	4994.0	12.3	B3/5000		
BH (60°-80°)	2793.8	6.9	B4/5000		G4/5000
BVH (80°-90°)	295.8	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°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
2.5°	6012.8	5966.7	5920.6	5871.4	5822.5	5773.2	5723.8	5676.6	5629.4	5583.7
5°	6465.5	6363.6	6261.7	6160.0	6058.5	5956.2	5854.1	5758.6	5663.1	5573.0
7.5°	6920.4	6752.2	6584.2	6428.9	6273.5	6122.3	5971.0	5837.8	5704.5	5581.6
10°	7269.0	7056.4	6843.8	6638.5	6433.4	6249.7	6065.8	5908.3	5750.4	5598.7
12.5°	7482.5	7248.9	7015.4	6782.9	6550.3	6333.6	6116.9	5938.6	5760.3	5600.9
15°	7612.3	7368.8	7125.3	6873.0	6620.7	6371.1	6121.6	5915.2	5708.8	5532.2
17.5°	7685.3	7438.3	7191.4	6916.1	6640.8	6351.2	6061.5	5813.3	5565.1	5357.4
20°	7765.7	7509.1	7252.3	6949.8	6647.3	6296.3	5945.2	5637.6	5329.9	5088.1
22.5°	7859.1	7596.9	7334.5	6995.3	6655.8	6228.9	5801.9	5431.4	5060.9	4785.6
25°	7979.2	7722.2	7465.4	7077.7	6689.7	6162.4	5635.2	5201.2	4767.4	4485.2
27.5°	8142.3	7897.2	7652.0	7206.4	6760.5	6118.0	5475.4	4990.7	4506.0	4249.2
30°	8362.2	8125.3	7888.7	7373.1	6857.5	6097.2	5336.3	4814.8	4293.2	4077.6
32.5°	8621.8	8387.3	8153.0	7547.1	6941.2	6071.4	5201.2	4663.1	4124.8	3951.0
35°	8937.2	8712.8	8488.1	7745.3	7002.6	6022.9	5043.7	4514.0	3984.2	3839.4
37.5°	9468.2	9182.0	8895.8	7967.4	7039.0	5939.9	4840.7	4338.5	3836.2	3709.6
40°	10270.6	9853.5	9436.4	8249.3	7062.0	5825.5	4589.3	4129.1	3668.8	3554.1
42.5°	11334.8	10732.8	10130.7	8618.1	7105.5	5707.5	4309.9	3898.0	3486.0	3380.3
45°	12648.9	11836.9	11024.8	9103.5	7182.1	5597.9	4013.8	3652.5	3291.2	3184.0
47.5°	14292.4	13149.5	12006.4	9620.5	7234.7	5507.3	3780.0	3458.4	3136.8	2998.4
50°	16446.5	14723.4	13000.2	10100.3	7200.4	5408.7	3616.9	3329.4	3041.9	2860.0
52.5°	18919.2	16376.8	13834.3	10411.8	6989.0	5241.9	3495.1	3244.5	2994.1	2784.9
55°	21551.8	17842.6	14133.6	10343.1	6552.4	4965.6	3378.8	3182.9	2987.0	2792.4
57.5°	23946.2	18881.5	13816.8	9860.0	5903.4	4576.0	3248.3	3109.9	2971.6	2799.9
60°	25393.4	19141.1	12888.6	8960.8	5033.0	4070.1	3107.1	2998.4	2889.6	2776.3
62.5°	24658.5	18047.9	11437.4	7744.9	4052.5	3464.6	2876.7	2804.4	2732.3	2718.4
65°	23187.8	16501.2	9814.7	6504.4	3194.3	2919.8	2645.4	2611.3	2577.2	2578.9
67.5°	21217.1	14660.6	8104.1	5289.1	2474.2	2396.3	2318.2	2337.3	2356.2	2351.5
70°	18849.5	12652.2	6454.8	4164.5	1874.1	1896.4	1918.5	2006.9	2095.1	2095.1
72.5°	16028.1	10474.9	4921.8	3183.7	1445.7	1512.8	1580.2	1705.5	1830.6	1851.6
75°	12459.1	7979.0	3498.9	2310.7	1122.5	1183.5	1244.4	1384.7	1525.0	1622.0
77.5°	8901.8	5584.6	2267.4	1565.8	864.2	905.6	947.2	1083.5	1219.7	1379.6
80°	5826.2	3598.0	1369.9	1008.8	647.9	665.1	682.3	797.7	912.9	1103.9
82.5°	3386.7	2082.4	778.4	620.5	463.0	466.0	469.4	554.4	639.4	802.4
85°	1490.1	936.7	383.6	331.7	280.0	278.5	276.8	339.0	401.2	522.4
87.5°	461.3	306.8	152.3	137.5	122.7	121.2	119.7	145.0	170.6	221.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5532.9	2.5°	5491.7	5450.7	5413.6	5376.7	5344.3	5311.9	5279.3	5246.9	5221.8	5196.5
5484.0	5°	5406.3	5328.4	5263.2	5198.2	5140.7	5083.2	5031.0	4978.7	4938.6	4898.2
5466.4	7.5°	5363.0	5259.8	5173.9	5088.1	5015.8	4943.3	4879.4	4815.6	4767.8	4720.2
5475.0	10°	5366.0	5257.0	5171.1	5085.3	5007.4	4929.3	4857.5	4785.6	4728.5	4671.2
5485.7	12.5°	5396.4	5307.6	5250.5	5193.9	5132.5	5071.6	4997.1	4922.9	4850.0	4777.0
5440.0	15°	5397.3	5354.8	5362.5	5370.2	5354.4	5338.5	5273.9	5209.3	5105.5	5001.6
5300.5	17.5°	5316.2	5331.6	5425.2	5518.7	5568.5	5618.1	5565.9	5514.0	5376.5	5238.9
5073.1	20°	5146.0	5219.0	5381.4	5544.0	5648.1	5752.2	5728.1	5703.9	5546.6	5389.6
4815.0	22.5°	4922.9	5030.8	5216.2	5402.0	5537.4	5672.8	5687.4	5701.7	5551.5	5401.4
4564.6	25°	4689.0	4813.5	4980.2	5147.1	5280.4	5413.6	5463.4	5512.9	5389.8	5266.8
4345.8	27.5°	4465.9	4586.1	4723.2	4860.0	4966.9	5073.7	5129.1	5184.7	5096.9	5009.4
4153.3	30°	4248.6	4344.3	4458.0	4571.7	4660.3	4749.1	4794.2	4839.2	4772.5	4705.6
3984.7	32.5°	4041.1	4097.5	4188.3	4279.2	4364.2	4449.4	4499.4	4549.6	4488.2	4426.6
3825.5	35°	3840.9	3856.6	3925.9	3995.0	4079.1	4163.4	4223.5	4283.5	4239.8	4196.2
3658.5	37.5°	3641.4	3624.2	3674.0	3723.6	3807.4	3891.6	3965.8	4040.0	4019.9	3999.7
3475.8	40°	3436.9	3398.1	3433.9	3469.7	3550.8	3631.9	3717.3	3802.9	3807.9	3812.6
3281.6	42.5°	3230.1	3178.6	3207.8	3237.2	3314.0	3391.0	3483.3	3575.5	3600.2	3624.9
3088.5	45°	3038.3	2988.3	3012.7	3037.6	3110.6	3183.5	3279.2	3374.9	3410.3	3445.7
2916.2	47.5°	2874.1	2832.1	2855.3	2878.2	2949.7	3020.9	3115.3	3209.7	3250.5	3291.2
2764.5	50°	2727.2	2690.1	2726.1	2762.4	2829.7	2896.9	2981.4	3066.0	3118.3	3170.7
2651.4	52.5°	2614.5	2577.8	2632.1	2686.2	2748.0	2809.6	2888.3	2967.3	3029.3	3091.3
2591.4	55°	2533.0	2474.9	2551.9	2628.7	2695.2	2761.7	2830.8	2899.7	2965.3	3031.2
2555.3	57.5°	2470.4	2385.4	2468.2	2551.0	2629.1	2707.2	2775.5	2843.9	2910.2	2976.3
2521.4	60°	2411.4	2301.1	2373.8	2446.3	2536.0	2625.7	2695.0	2764.5	2831.0	2897.5
2481.9	62.5°	2344.2	2206.7	2252.8	2298.9	2403.4	2508.1	2582.1	2656.2	2717.1	2778.0
2398.7	65°	2252.4	2105.8	2123.6	2141.2	2253.2	2365.4	2436.2	2507.0	2560.7	2614.3
2250.2	67.5°	2128.4	2006.5	2000.9	1995.3	2098.8	2202.4	2269.5	2336.5	2382.8	2429.2
2061.8	70°	1975.2	1888.5	1869.2	1849.9	1940.8	2031.8	2089.7	2147.7	2189.5	2231.3
1852.0	72.5°	1792.6	1733.2	1704.8	1676.7	1748.4	1819.8	1872.2	1924.5	1965.5	2006.5
1613.9	75°	1568.2	1522.2	1495.2	1468.0	1521.2	1574.4	1621.8	1669.2	1706.6	1743.9
1375.3	77.5°	1338.6	1301.9	1274.4	1247.0	1290.3	1333.4	1374.2	1415.0	1454.2	1493.3
1103.2	80°	1072.5	1041.7	1018.7	995.5	1031.6	1067.4	1101.7	1136.1	1165.9	1195.5
811.4	82.5°	796.4	781.4	765.1	748.8	745.8	742.8	730.8	718.8	782.3	845.8
534.2	85°	518.1	502.1	483.8	465.6	450.1	434.5	401.2	368.0	427.4	487.0
236.0	87.5°	229.6	223.1	219.7	216.3	215.6	215.0	189.7	164.1	189.0	214.1
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°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5176.1	2.5°	5155.7	5139.8	5123.9	5109.4	5094.5	5076.3	5094.5	5109.4	5123.9	5139.8
4870.1	5°	4842.0	4822.1	4802.1	4786.9	4771.6	4756.6	4771.6	4786.9	4802.1	4822.1
4686.7	7.5°	4653.2	4630.3	4607.5	4593.8	4580.3	4570.0	4580.3	4593.8	4607.5	4630.3
4633.9	10°	4596.1	4574.5	4552.8	4541.2	4529.6	4524.9	4529.6	4541.2	4552.8	4574.5
4728.7	12.5°	4680.5	4656.2	4632.2	4622.3	4612.4	4610.7	4612.4	4622.3	4632.2	4656.2
4928.3	15°	4854.9	4821.2	4787.7	4774.9	4762.0	4760.9	4762.0	4774.9	4787.7	4821.2
5130.8	17.5°	5022.7	4972.9	4922.9	4906.6	4890.1	4887.5	4890.1	4906.6	4922.9	4972.9
5257.0	20°	5124.6	5060.9	4996.9	4976.5	4956.2	4949.7	4956.2	4976.5	4996.9	5060.9
5264.9	22.5°	5128.2	5061.1	4993.7	4971.2	4948.7	4939.0	4948.7	4971.2	4993.7	5061.1
5145.4	25°	5024.4	4966.0	4907.9	4886.6	4865.6	4853.2	4865.6	4886.6	4907.9	4966.0
4915.2	27.5°	4821.0	4781.9	4742.7	4733.0	4723.4	4720.2	4723.4	4733.0	4742.7	4781.9
4638.2	30°	4570.4	4550.4	4530.3	4530.3	4530.3	4533.5	4530.3	4530.3	4530.3	4550.4
4372.8	32.5°	4318.9	4305.9	4292.8	4294.5	4296.4	4299.6	4296.4	4294.5	4292.8	4305.9
4146.4	35°	4096.9	4076.9	4057.2	4052.9	4048.6	4046.5	4048.6	4052.9	4057.2	4076.9
3954.0	37.5°	3908.1	3871.8	3835.8	3816.7	3797.6	3786.9	3797.6	3816.7	3835.8	3871.8
3773.8	40°	3734.9	3682.1	3629.8	3594.2	3559.0	3538.0	3559.0	3594.2	3629.8	3682.1
3592.0	42.5°	3559.4	3494.0	3428.5	3376.8	3325.1	3291.2	3325.1	3376.8	3428.5	3494.0
3416.1	45°	3386.7	3311.8	3237.2	3176.4	3115.7	3076.7	3115.7	3176.4	3237.2	3311.8
3270.6	47.5°	3250.0	3183.5	3117.0	3060.8	3004.8	2967.3	3004.8	3060.8	3117.0	3183.5
3169.4	50°	3168.5	3115.3	3062.1	3010.2	2958.2	2922.2	2958.2	3010.2	3062.1	3115.3
3102.4	52.5°	3113.6	3070.2	3026.9	2980.3	2934.0	2900.7	2934.0	2980.3	3026.9	3070.2
3046.6	55°	3062.1	3024.3	2986.6	2945.8	2905.0	2875.0	2905.0	2945.8	2986.6	3024.3
2991.9	57.5°	3007.6	2969.4	2931.2	2890.9	2850.3	2819.2	2850.3	2890.9	2931.2	2969.4
2914.7	60°	2931.9	2894.5	2857.4	2815.8	2774.2	2742.0	2774.2	2815.8	2857.4	2894.5
2794.5	62.5°	2811.1	2777.4	2743.7	2699.9	2656.2	2617.5	2656.2	2699.9	2743.7	2777.4
2631.3	65°	2648.0	2615.6	2583.2	2540.7	2498.5	2465.2	2498.5	2540.7	2583.2	2615.6
2445.7	67.5°	2462.0	2432.2	2402.6	2363.1	2323.6	2293.6	2323.6	2363.1	2402.6	2432.2
2247.2	70°	2263.1	2238.9	2214.6	2176.8	2139.1	2104.8	2139.1	2176.8	2214.6	2238.9
2025.4	72.5°	2044.3	2024.1	2003.9	1967.9	1932.0	1898.8	1932.0	1967.9	2003.9	2024.1
1763.6	75°	1783.4	1773.5	1763.6	1733.4	1703.1	1671.4	1703.1	1733.4	1763.6	1773.5
1511.7	77.5°	1530.2	1516.5	1502.3	1471.8	1441.4	1416.0	1441.4	1471.8	1502.3	1516.5
1219.9	80°	1244.4	1238.4	1232.6	1191.6	1150.4	1102.8	1150.4	1191.6	1232.6	1238.4
887.4	82.5°	929.0	926.4	923.6	889.1	854.3	823.9	854.3	889.1	923.6	926.4
538.5	85°	590.0	585.7	581.4	554.4	527.4	499.9	527.4	554.4	581.4	585.7
234.9	87.5°	255.7	250.6	245.0	231.3	217.1	203.8	217.1	231.3	245.0	250.6
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°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5155.7	2.5°	5176.1	5196.5	5221.8	5246.9	5279.3	5311.9	5344.3	5376.7	5413.6	5450.7
4842.0	5°	4870.1	4898.2	4938.6	4978.7	5031.0	5083.2	5140.7	5198.2	5263.2	5328.4
4653.2	7.5°	4686.7	4720.2	4767.8	4815.6	4879.4	4943.3	5015.8	5088.1	5173.9	5259.8
4596.1	10°	4633.9	4671.2	4728.5	4785.6	4857.5	4929.3	5007.4	5085.3	5171.1	5257.0
4680.5	12.5°	4728.7	4777.0	4850.0	4922.9	4997.1	5071.6	5132.5	5193.9	5250.5	5307.6
4854.9	15°	4928.3	5001.6	5105.5	5209.3	5273.9	5338.5	5354.4	5370.2	5362.5	5354.8
5022.7	17.5°	5130.8	5238.9	5376.5	5514.0	5565.9	5618.1	5568.5	5518.7	5425.2	5331.6
5124.6	20°	5257.0	5389.6	5546.6	5703.9	5728.1	5752.2	5648.1	5544.0	5381.4	5219.0
5128.2	22.5°	5264.9	5401.4	5551.5	5701.7	5687.4	5672.8	5537.4	5402.0	5216.2	5030.8
5024.4	25°	5145.4	5266.8	5389.8	5512.9	5463.4	5413.6	5280.4	5147.1	4980.2	4813.5
4821.0	27.5°	4915.2	5009.4	5096.9	5184.7	5129.1	5073.7	4966.9	4860.0	4723.2	4586.1
4570.4	30°	4638.2	4705.6	4772.5	4839.2	4794.2	4749.1	4660.3	4571.7	4458.0	4344.3
4318.9	32.5°	4372.8	4426.6	4488.2	4549.6	4499.4	4449.4	4364.2	4279.2	4188.3	4097.5
4096.9	35°	4146.4	4196.2	4239.8	4283.5	4223.5	4163.4	4079.1	3995.0	3925.9	3856.6
3908.1	37.5°	3954.0	3999.7	4019.9	4040.0	3965.8	3891.6	3807.4	3723.6	3674.0	3624.2
3734.9	40°	3773.8	3812.6	3807.9	3802.9	3717.3	3631.9	3550.8	3469.7	3433.9	3398.1
3559.4	42.5°	3592.0	3624.9	3600.2	3575.5	3483.3	3391.0	3314.0	3237.2	3207.8	3178.6
3386.7	45°	3416.1	3445.7	3410.3	3374.9	3279.2	3183.5	3110.6	3037.6	3012.7	2988.3
3250.0	47.5°	3270.6	3291.2	3250.5	3209.7	3115.3	3020.9	2949.7	2878.2	2855.3	2832.1
3168.5	50°	3169.4	3170.7	3118.3	3066.0	2981.4	2896.9	2829.7	2762.4	2726.1	2690.1
3113.6	52.5°	3102.4	3091.3	3029.3	2967.3	2888.3	2809.6	2748.0	2686.2	2632.1	2577.8
3062.1	55°	3046.6	3031.2	2965.3	2899.7	2830.8	2761.7	2695.2	2628.7	2551.9	2474.9
3007.6	57.5°	2991.9	2976.3	2910.2	2843.9	2775.5	2707.2	2629.1	2551.0	2468.2	2385.4
2931.9	60°	2914.7	2897.5	2831.0	2764.5	2695.0	2625.7	2536.0	2446.3	2373.8	2301.1
2811.1	62.5°	2794.5	2778.0	2717.1	2656.2	2582.1	2508.1	2403.4	2298.9	2252.8	2206.7
2648.0	65°	2631.3	2614.3	2560.7	2507.0	2436.2	2365.4	2253.2	2141.2	2123.6	2105.8
2462.0	67.5°	2445.7	2429.2	2382.8	2336.5	2269.5	2202.4	2098.8	1995.3	2000.9	2006.5
2263.1	70°	2247.2	2231.3	2189.5	2147.7	2089.7	2031.8	1940.8	1849.9	1869.2	1888.5
2044.3	72.5°	2025.4	2006.5	1965.5	1924.5	1872.2	1819.8	1748.4	1676.7	1704.8	1733.2
1783.4	75°	1763.6	1743.9	1706.6	1669.2	1621.8	1574.4	1521.2	1468.0	1495.2	1522.2
1530.2	77.5°	1511.7	1493.3	1454.2	1415.0	1374.2	1333.4	1290.3	1247.0	1274.4	1301.9
1244.4	80°	1219.9	1195.5	1165.9	1136.1	1101.7	1067.4	1031.6	995.5	1018.7	1041.7
929.0	82.5°	887.4	845.8	782.3	718.8	730.8	742.8	745.8	748.8	765.1	781.4
590.0	85°	538.5	487.0	427.4	368.0	401.2	434.5	450.1	465.6	483.8	502.1
255.7	87.5°	234.9	214.1	189.0	164.1	189.7	215.0	215.6	216.3	219.7	223.1
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5491.7	2.5°	5532.9	5583.7	5629.4	5676.6	5723.8	5773.2	5822.5	5871.4	5920.6	5966.7
5406.3	5°	5484.0	5573.0	5663.1	5758.6	5854.1	5956.2	6058.5	6160.0	6261.7	6363.6
5363.0	7.5°	5466.4	5581.6	5704.5	5837.8	5971.0	6122.3	6273.5	6428.9	6584.2	6752.2
5366.0	10°	5475.0	5598.7	5750.4	5908.3	6065.8	6249.7	6433.4	6638.5	6843.8	7056.4
5396.4	12.5°	5485.7	5600.9	5760.3	5938.6	6116.9	6333.6	6550.3	6782.9	7015.4	7248.9
5397.3	15°	5440.0	5532.2	5708.8	5915.2	6121.6	6371.1	6620.7	6873.0	7125.3	7368.8
5316.2	17.5°	5300.5	5357.4	5565.1	5813.3	6061.5	6351.2	6640.8	6916.1	7191.4	7438.3
5146.0	20°	5073.1	5088.1	5329.9	5637.6	5945.2	6296.3	6647.3	6949.8	7252.3	7509.1
4922.9	22.5°	4815.0	4785.6	5060.9	5431.4	5801.9	6228.9	6655.8	6995.3	7334.5	7596.9
4689.0	25°	4564.6	4485.2	4767.4	5201.2	5635.2	6162.4	6689.7	7077.7	7465.4	7722.2
4465.9	27.5°	4345.8	4249.2	4506.0	4990.7	5475.4	6118.0	6760.5	7206.4	7652.0	7897.2
4248.6	30°	4153.3	4077.6	4293.2	4814.8	5336.3	6097.2	6857.5	7373.1	7888.7	8125.3
4041.1	32.5°	3984.7	3951.0	4124.8	4663.1	5201.2	6071.4	6941.2	7547.1	8153.0	8387.3
3840.9	35°	3825.5	3839.4	3984.2	4514.0	5043.7	6022.9	7002.6	7745.3	8488.1	8712.8
3641.4	37.5°	3658.5	3709.6	3836.2	4338.5	4840.7	5939.9	7039.0	7967.4	8895.8	9182.0
3436.9	40°	3475.8	3554.1	3668.8	4129.1	4589.3	5825.5	7062.0	8249.3	9436.4	9853.5
3230.1	42.5°	3281.6	3380.3	3486.0	3898.0	4309.9	5707.5	7105.5	8618.1	10130.7	10732.8
3038.3	45°	3088.5	3184.0	3291.2	3652.5	4013.8	5597.9	7182.1	9103.5	11024.8	11836.9
2874.1	47.5°	2916.2	2998.4	3136.8	3458.4	3780.0	5507.3	7234.7	9620.5	12006.4	13149.5
2727.2	50°	2764.5	2860.0	3041.9	3329.4	3616.9	5408.7	7200.4	10100.3	13000.2	14723.4
2614.5	52.5°	2651.4	2784.9	2994.1	3244.5	3495.1	5241.9	6989.0	10411.8	13834.3	16376.8
2533.0	55°	2591.4	2792.4	2987.0	3182.9	3378.8	4965.6	6552.4	10343.1	14133.6	17842.6
2470.4	57.5°	2555.3	2799.9	2971.6	3109.9	3248.3	4576.0	5903.4	9860.0	13816.8	18881.5
2411.4	60°	2521.4	2776.3	2889.6	2998.4	3107.1	4070.1	5033.0	8960.8	12888.6	19141.1
2344.2	62.5°	2481.9	2718.4	2732.3	2804.4	2876.7	3464.6	4052.5	7744.9	11437.4	18047.9
2252.4	65°	2398.7	2578.9	2577.2	2611.3	2645.4	2919.8	3194.3	6504.4	9814.7	16501.2
2128.4	67.5°	2250.2	2351.5	2356.2	2337.3	2318.2	2396.3	2474.2	5289.1	8104.1	14660.6
1975.2	70°	2061.8	2095.1	2095.1	2006.9	1918.5	1896.4	1874.1	4164.5	6454.8	12652.2
1792.6	72.5°	1852.0	1851.6	1830.6	1705.5	1580.2	1512.8	1445.7	3183.7	4921.8	10474.9
1568.2	75°	1613.9	1622.0	1525.0	1384.7	1244.4	1183.5	1122.5	2310.7	3498.9	7979.0
1338.6	77.5°	1375.3	1379.6	1219.7	1083.5	947.2	905.6	864.2	1565.8	2267.4	5584.6
1072.5	80°	1103.2	1103.9	912.9	797.7	682.3	665.1	647.9	1008.8	1369.9	3598.0
796.4	82.5°	811.4	802.4	639.4	554.4	469.4	466.0	463.0	620.5	778.4	2082.4
518.1	85°	534.2	522.4	401.2	339.0	276.8	278.5	280.0	331.7	383.6	936.7
229.6	87.5°	236.0	221.0	170.6	145.0	119.7	121.2	122.7	137.5	152.3	306.8
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°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
6012.8	2.5°	6035.6	6058.5	6090.9	6123.3	6142.6	6161.9	6171.6	6181.3	6177.0	6181.3
6465.5	5°	6545.1	6625.0	6703.9	6783.1	6826.0	6868.9	6894.9	6921.0	6940.8	6921.0
6920.4	7.5°	7050.0	7179.4	7295.9	7412.4	7482.5	7552.7	7590.7	7628.4	7646.7	7628.4
7269.0	10°	7422.2	7575.4	7712.1	7848.8	7931.6	8014.0	8050.9	8087.6	8101.5	8087.6
7482.5	12.5°	7648.6	7814.4	7938.0	8061.2	8121.2	8181.3	8201.5	8221.7	8223.8	8221.7
7612.3	15°	7755.6	7898.7	7976.2	8053.9	8056.0	8058.2	8036.7	8015.3	7989.9	8015.3
7685.3	17.5°	7782.0	7878.8	7880.3	7881.6	7794.7	7707.8	7628.2	7548.4	7492.2	7548.4
7765.7	20°	7799.4	7833.3	7731.4	7629.5	7437.7	7245.9	7106.2	6966.5	6880.7	6966.5
7859.1	22.5°	7814.9	7770.7	7559.5	7348.4	7066.3	6784.1	6609.5	6434.9	6340.0	6434.9
7979.2	25°	7839.7	7700.3	7379.7	7059.2	6716.6	6373.9	6190.3	6007.0	5917.4	6007.0
8142.3	27.5°	7893.0	7643.4	7218.8	6794.4	6414.7	6034.9	5854.3	5673.8	5589.1	5673.8
8362.2	30°	7990.4	7618.8	7096.1	6573.5	6177.8	5782.2	5614.6	5447.1	5368.1	5447.1
8621.8	32.5°	8112.7	7603.7	7012.4	6421.1	6049.3	5677.5	5546.0	5414.2	5357.4	5414.2
8937.2	35°	8314.1	7691.3	7075.1	6459.1	6200.8	5942.7	5912.0	5881.3	5876.6	5881.3
9468.2	37.5°	8735.3	8002.4	7442.4	6882.4	6865.7	6848.9	6989.3	7129.6	7202.5	7129.6
10270.6	40°	9473.6	8676.5	8260.1	7843.6	8137.5	8431.5	8772.6	9113.8	9283.7	9113.8
11334.8	42.5°	10544.0	9753.1	9513.3	9273.4	9914.5	10555.6	11176.0	11796.5	12160.8	11796.5
12648.9	45°	11938.6	11228.0	11122.2	11016.2	12043.3	13070.5	14090.1	15109.9	15728.8	15109.9
14292.4	47.5°	13601.3	12910.1	12888.6	12867.1	14348.8	15830.1	17322.8	18815.2	19691.6	18815.2
16446.5	50°	15592.8	14739.3	14743.0	14746.6	16656.1	18565.7	20535.9	22506.1	23697.3	22506.1
18919.2	52.5°	17885.5	16852.0	16747.5	16642.8	18923.7	21204.7	23642.4	26079.9	27507.8	26079.9
21551.8	55°	20530.5	19509.3	19101.8	18694.4	21233.0	23771.3	26677.5	29583.6	31281.8	29583.6
23946.2	57.5°	23390.1	22833.7	22016.5	21199.5	23762.8	26326.0	29617.7	32909.1	35015.0	32909.1
25393.4	60°	26257.1	27121.2	26106.3	25091.5	27517.2	29942.9	33467.2	36991.4	39267.4	36991.4
24658.5	62.5°	27018.8	29379.1	29264.7	29150.2	31372.3	33594.6	36947.7	40300.5	42404.2	40300.5
23187.8	65°	25403.0	27618.3	28056.6	28494.7	31318.7	34142.8	37394.1	40645.3	42436.3	40645.3
21217.1	67.5°	23324.0	25430.9	25636.4	25841.8	28784.1	31726.3	34991.6	38256.9	39660.0	38256.9
18849.5	70°	21141.1	23433.0	23524.8	23616.9	26248.1	28879.2	31689.2	34499.0	35278.9	34499.0
16028.1	72.5°	18657.9	21287.9	21354.0	21419.8	23478.5	25537.1	27641.7	29746.0	29824.9	29746.0
12459.1	75°	15180.9	17902.7	18147.1	18391.4	19993.1	21594.7	23076.2	24557.7	24160.8	24557.7
8901.8	77.5°	11442.5	13983.5	14333.2	14682.9	15900.5	17118.1	18168.7	19219.6	18537.3	19219.6
5826.2	80°	7963.8	10101.1	10535.8	10970.5	11890.1	12809.2	13361.0	13912.7	12815.2	13912.7
3386.7	82.5°	4848.0	6309.6	6795.1	7280.8	7913.8	8546.7	8776.9	9006.9	8144.4	9006.9
1490.1	85°	2265.7	3041.3	3454.3	3867.3	4387.4	4907.2	5037.9	5168.6	4477.7	5168.6
461.3	87.5°	722.0	982.7	1213.1	1443.5	1703.5	1963.6	1974.7	1985.7	1667.1	1985.7
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°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
6171.6	2.5°	6161.9	6142.6	6123.3	6090.9	6058.5	6035.6	6012.8
6894.9	5°	6868.9	6826.0	6783.1	6703.9	6625.0	6545.1	6465.5
7590.7	7.5°	7552.7	7482.5	7412.4	7295.9	7179.4	7050.0	6920.4
8050.9	10°	8014.0	7931.6	7848.8	7712.1	7575.4	7422.2	7269.0
8201.5	12.5°	8181.3	8121.2	8061.2	7938.0	7814.4	7648.6	7482.5
8036.7	15°	8058.2	8056.0	8053.9	7976.2	7898.7	7755.6	7612.3
7628.2	17.5°	7707.8	7794.7	7881.6	7880.3	7878.8	7782.0	7685.3
7106.2	20°	7245.9	7437.7	7629.5	7731.4	7833.3	7799.4	7765.7
6609.5	22.5°	6784.1	7066.3	7348.4	7559.5	7770.7	7814.9	7859.1
6190.3	25°	6373.9	6716.6	7059.2	7379.7	7700.3	7839.7	7979.2
5854.3	27.5°	6034.9	6414.7	6794.4	7218.8	7643.4	7893.0	8142.3
5614.6	30°	5782.2	6177.8	6573.5	7096.1	7618.8	7990.4	8362.2
5546.0	32.5°	5677.5	6049.3	6421.1	7012.4	7603.7	8112.7	8621.8
5912.0	35°	5942.7	6200.8	6459.1	7075.1	7691.3	8314.1	8937.2
6989.3	37.5°	6848.9	6865.7	6882.4	7442.4	8002.4	8735.3	9468.2
8772.6	40°	8431.5	8137.5	7843.6	8260.1	8676.5	9473.6	10270.6
11176.0	42.5°	10555.6	9914.5	9273.4	9513.3	9753.1	10544.0	11334.8
14090.1	45°	13070.5	12043.3	11016.2	11122.2	11228.0	11938.6	12648.9
17322.8	47.5°	15830.1	14348.8	12867.1	12888.6	12910.1	13601.3	14292.4
20535.9	50°	18565.7	16656.1	14746.6	14743.0	14739.3	15592.8	16446.5
23642.4	52.5°	21204.7	18923.7	16642.8	16747.5	16852.0	17885.5	18919.2
26677.5	55°	23771.3	21233.0	18694.4	19101.8	19509.3	20530.5	21551.8
29617.7	57.5°	26326.0	23762.8	21199.5	22016.5	22833.7	23390.1	23946.2
33467.2	60°	29942.9	27517.2	25091.5	26106.3	27121.2	26257.1	25393.4
36947.7	62.5°	33594.6	31372.3	29150.2	29264.7	29379.1	27018.8	24658.5
37394.1	65°	34142.8	31318.7	28494.7	28056.6	27618.3	25403.0	23187.8
34991.6	67.5°	31726.3	28784.1	25841.8	25636.4	25430.9	23324.0	21217.1
31689.2	70°	28879.2	26248.1	23616.9	23524.8	23433.0	21141.1	18849.5
27641.7	72.5°	25537.1	23478.5	21419.8	21354.0	21287.9	18657.9	16028.1
23076.2	75°	21594.7	19993.1	18391.4	18147.1	17902.7	15180.9	12459.1
18168.7	77.5°	17118.1	15900.5	14682.9	14333.2	13983.5	11442.5	8901.8
13361.0	80°	12809.2	11890.1	10970.5	10535.8	10101.1	7963.8	5826.2
8776.9	82.5°	8546.7	7913.8	7280.8	6795.1	6309.6	4848.0	3386.7
5037.9	85°	4907.2	4387.4	3867.3	3454.3	3041.3	2265.7	1490.1
1974.7	87.5°	1963.6	1703.5	1443.5	1213.1	982.7	722.0	461.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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