

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: P952843

Luminaire Tested: **GALN-SB6C-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952843
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-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39349 lumens
Efficiency: N/A
Efficacy: 130.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

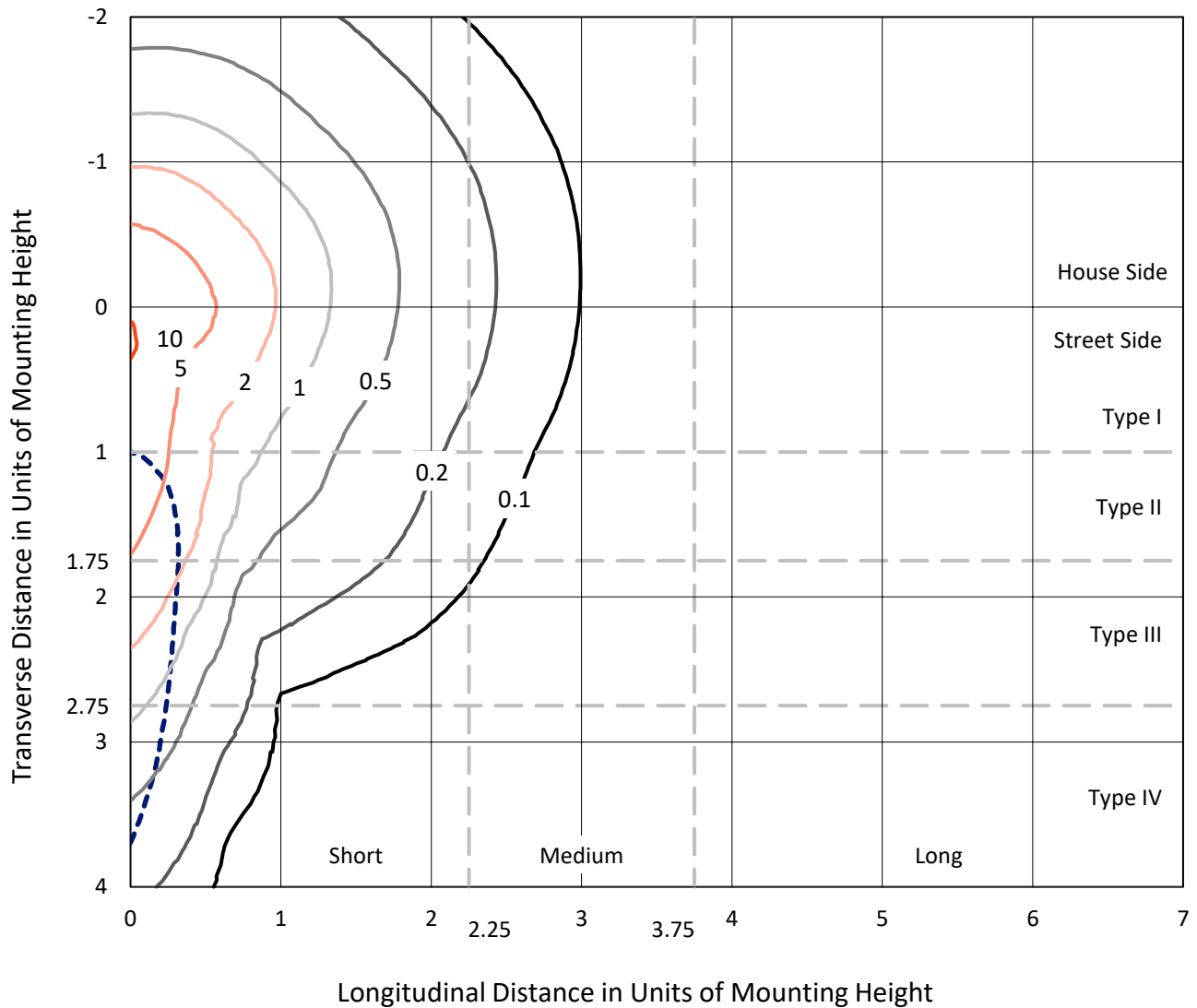
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

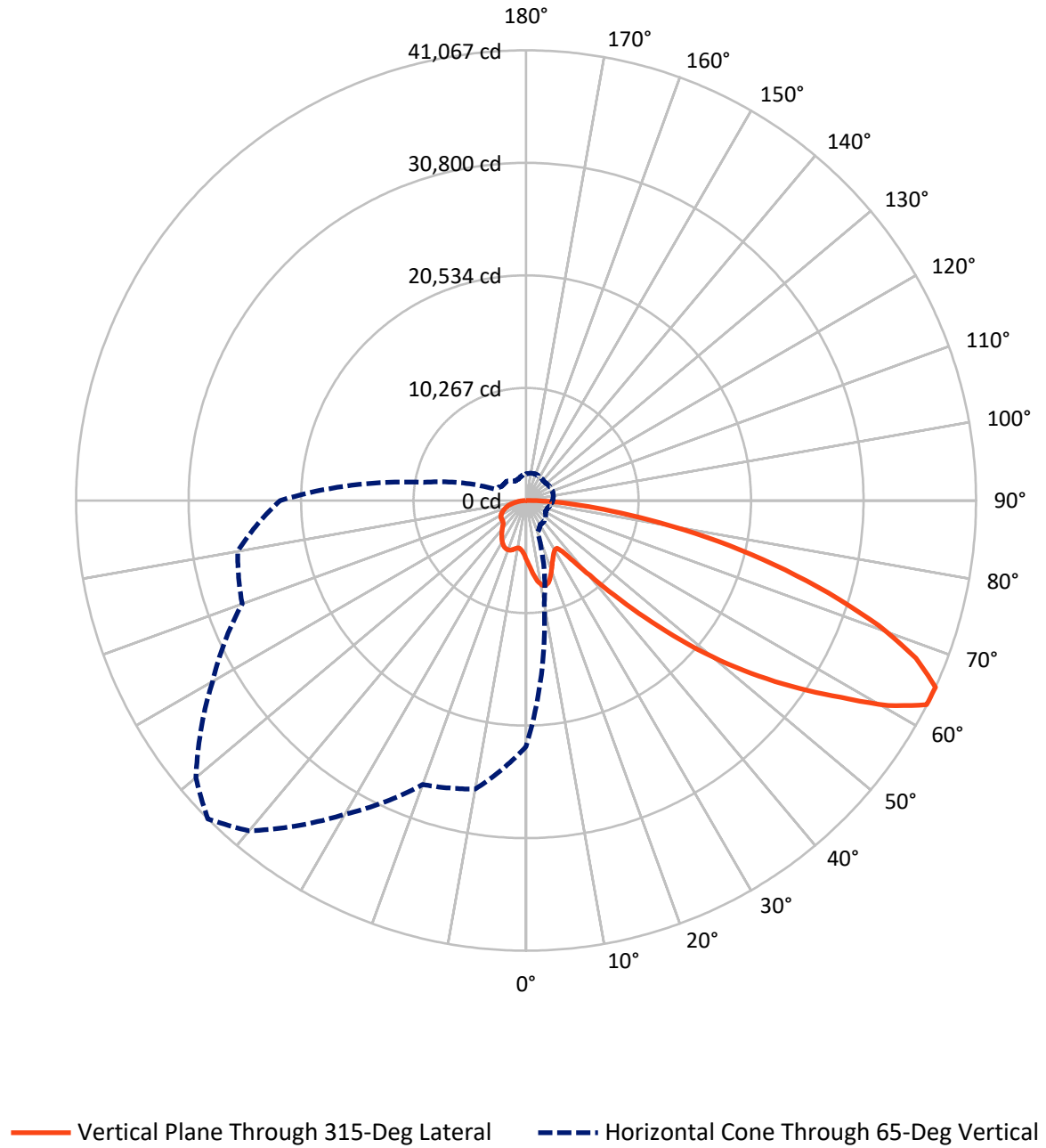
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.7 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	10000.5	0.0	10000.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	29348.5	0.0	29348.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	39349.0	0.0	39349.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	536.7	1.4
10°-20°	1685.0	4.3
20°-30°	2602.7	6.6
30°-40°	3298.3	8.4
40°-50°	4974.6	12.6
50°-60°	8037.2	20.4
60°-70°	10019.7	25.5
70°-80°	6570.4	16.7
80°-90°	1624.4	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°	39349.0	100.0
0°-180°	39349.0	100.0

Coefficient of Utilization



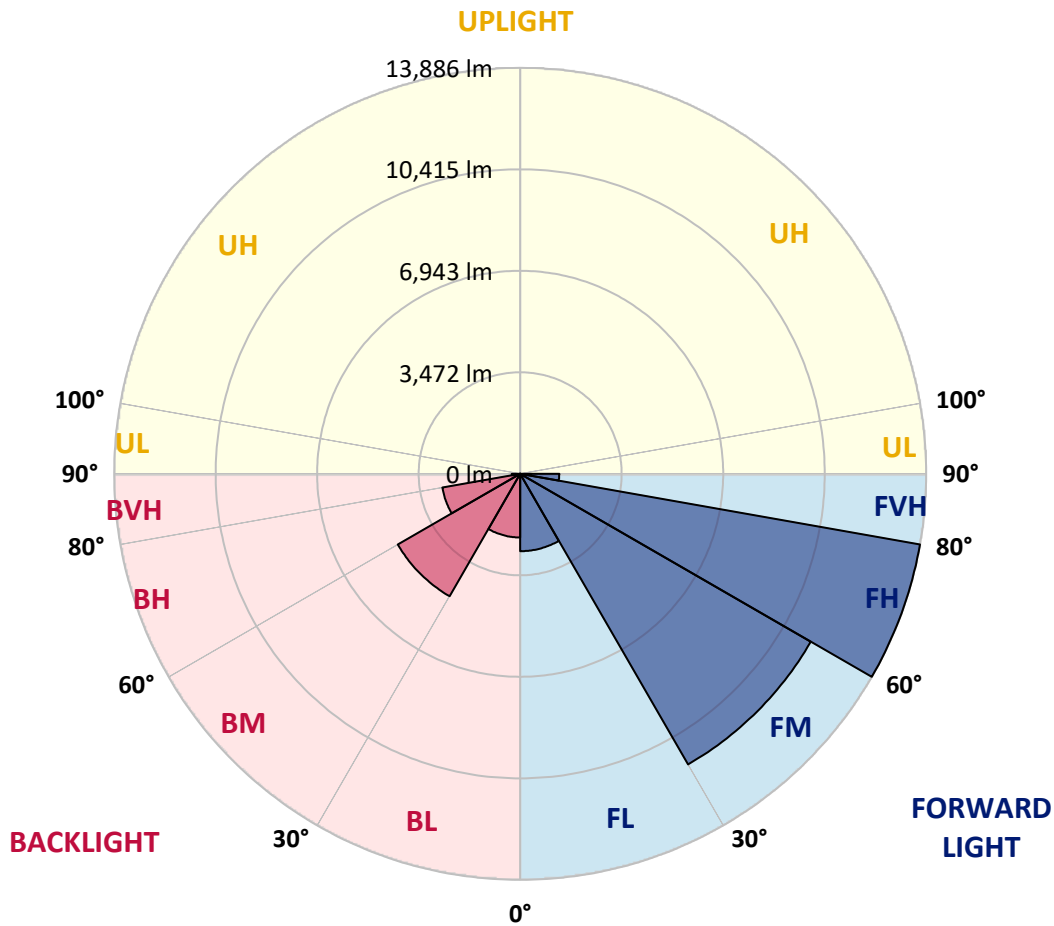
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2646.7	6.7			
FM (30°-60°)	11477.2	29.2			
FH (60°-80°)	13886.4	35.3			G5
FVH (80°-90°)	1338.1	3.4			G5
BL (0°-30°)	2177.7	5.5	B3/2500		
BM (30°-60°)	4832.9	12.3	B3/5000		
BH (60°-80°)	2703.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	286.2	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°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
2.5°	5818.8	5774.2	5729.5	5682.0	5634.7	5586.9	5539.1	5493.5	5447.8	5403.6
5°	6256.9	6158.3	6059.7	5961.3	5863.0	5764.0	5665.2	5572.8	5480.4	5393.2
7.5°	6697.1	6534.3	6371.7	6221.4	6071.1	5924.7	5778.3	5649.4	5520.5	5401.5
10°	7034.5	6828.7	6623.0	6424.3	6225.8	6048.0	5870.1	5717.7	5564.9	5418.1
12.5°	7241.1	7015.0	6789.1	6564.0	6338.9	6129.2	5919.5	5747.0	5574.4	5420.2
15°	7366.7	7131.0	6895.4	6651.2	6407.0	6165.6	5924.1	5724.3	5524.6	5353.7
17.5°	7437.3	7198.3	6959.3	6692.9	6426.6	6146.3	5866.0	5625.7	5385.5	5184.5
20°	7515.2	7266.8	7018.3	6725.5	6432.8	6093.1	5753.4	5455.7	5157.9	4923.9
22.5°	7605.5	7351.7	7097.8	6769.6	6441.1	6027.9	5614.7	5256.1	4897.6	4631.2
25°	7721.7	7473.0	7224.5	6849.3	6473.9	5963.5	5453.4	5033.4	4613.5	4340.5
27.5°	7879.5	7642.4	7405.1	6973.9	6542.4	5920.6	5298.7	4829.7	4360.6	4112.1
30°	8092.4	7863.1	7634.1	7135.2	6636.3	5900.4	5164.2	4659.4	4154.7	3946.0
32.5°	8343.6	8116.7	7889.9	7303.6	6717.2	5875.5	5033.4	4512.6	3991.7	3823.5
35°	8648.8	8431.6	8214.2	7495.4	6776.6	5828.6	4881.0	4368.3	3855.7	3715.5
37.5°	9162.7	8885.7	8608.7	7710.3	6811.9	5748.2	4684.5	4198.5	3712.4	3589.9
40°	9939.2	9535.6	9132.0	7983.1	6834.1	5637.6	4441.2	3995.8	3550.5	3439.4
42.5°	10969.1	10386.5	9803.9	8340.1	6876.3	5523.4	4170.9	3772.2	3373.6	3271.2
45°	12240.8	11454.9	10669.0	8809.7	6950.4	5417.3	3884.3	3534.7	3185.0	3081.2
47.5°	13831.2	12725.2	11619.0	9310.1	7001.3	5329.6	3658.0	3346.8	3035.5	2901.6
50°	15915.8	14248.4	12580.7	9774.4	6968.0	5234.1	3500.2	3222.0	2943.8	2767.7
52.5°	18308.8	15848.4	13388.0	10075.8	6763.5	5072.8	3382.3	3139.8	2897.5	2695.0
55°	20856.4	17266.9	13677.6	10009.4	6341.0	4805.4	3269.8	3080.2	2890.6	2702.3
57.5°	23173.5	18272.2	13370.9	9541.8	5712.9	4428.3	3143.5	3009.6	2875.7	2709.6
60°	24574.0	18523.5	12472.7	8671.6	4870.6	3938.7	3006.9	2901.6	2796.4	2686.7
62.5°	23862.9	17465.6	11068.3	7495.0	3921.7	3352.8	2783.9	2713.9	2644.2	2630.7
65°	22439.6	15968.8	9498.0	6294.5	3091.2	2825.6	2560.1	2527.1	2494.0	2495.7
67.5°	20532.5	14187.5	7842.6	5118.5	2394.4	2319.0	2243.4	2261.9	2280.2	2275.6
70°	18241.3	12243.9	6246.5	4030.1	1813.6	1835.2	1856.6	1942.2	2027.5	2027.5
72.5°	15511.0	10136.9	4763.0	3081.0	1399.0	1464.0	1529.2	1650.4	1771.5	1791.8
75°	12057.0	7721.5	3386.0	2236.2	1086.3	1145.3	1204.3	1340.0	1475.8	1569.7
77.5°	8614.6	5404.4	2194.2	1515.3	836.3	876.4	916.7	1048.5	1180.4	1335.1
80°	5638.2	3481.9	1325.7	976.3	627.0	643.7	660.3	772.0	883.5	1068.3
82.5°	3277.4	2015.3	753.3	600.5	448.1	451.0	454.3	536.5	618.7	776.5
85°	1442.0	906.5	371.2	321.0	271.0	269.5	267.8	328.1	388.3	505.6
87.5°	446.4	296.9	147.4	133.1	118.8	117.3	115.9	140.4	165.1	213.9
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°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
5354.4	2.5°	5314.5	5274.8	5238.9	5203.2	5171.8	5140.5	5108.9	5077.6	5053.3	5028.8
5307.0	5°	5231.8	5156.5	5093.4	5030.4	4974.8	4919.2	4868.7	4818.0	4779.2	4740.2
5290.0	7.5°	5189.9	5090.0	5007.0	4923.9	4854.0	4783.8	4721.9	4660.2	4613.9	4567.9
5298.3	10°	5192.8	5087.3	5004.3	4921.2	4845.9	4770.3	4700.7	4631.2	4575.9	4520.5
5308.7	12.5°	5222.3	5136.3	5081.1	5026.3	4966.9	4907.9	4835.9	4764.1	4693.5	4622.9
5264.4	15°	5223.1	5182.0	5189.5	5197.0	5181.6	5166.2	5103.7	5041.2	4940.8	4840.3
5129.5	17.5°	5144.6	5159.6	5250.1	5340.6	5388.8	5436.8	5386.3	5336.1	5203.0	5069.9
4909.4	20°	4980.0	5050.6	5207.8	5365.1	5465.8	5566.5	5543.3	5519.8	5367.6	5215.7
4659.6	22.5°	4764.1	4868.5	5047.9	5227.7	5358.7	5489.7	5503.8	5517.8	5372.4	5227.1
4417.3	25°	4537.7	4658.2	4819.5	4981.0	5110.0	5238.9	5287.1	5335.0	5215.9	5096.9
4205.5	27.5°	4321.8	4438.1	4570.8	4703.2	4806.6	4910.0	4963.6	5017.4	4932.4	4847.7
4019.3	30°	4111.5	4204.1	4314.1	4424.2	4509.9	4595.9	4639.5	4683.1	4618.5	4553.7
3856.1	32.5°	3910.7	3965.3	4053.1	4141.2	4223.4	4305.8	4354.2	4402.8	4343.4	4283.8
3702.0	35°	3717.0	3732.1	3799.2	3866.1	3947.5	4029.1	4087.2	4145.3	4103.0	4060.8
3540.5	37.5°	3523.9	3507.3	3555.4	3603.4	3684.6	3766.0	3837.8	3909.7	3890.1	3870.6
3363.6	40°	3326.0	3288.4	3323.1	3357.8	3436.3	3514.8	3597.4	3680.2	3685.0	3689.6
3175.7	42.5°	3125.9	3076.0	3104.3	3132.7	3207.0	3281.6	3370.9	3460.1	3484.0	3507.9
2988.8	45°	2940.2	2891.9	2915.5	2939.6	3010.2	3080.8	3173.4	3266.0	3300.3	3334.5
2822.1	47.5°	2781.4	2740.7	2763.1	2785.4	2854.5	2923.4	3014.8	3106.1	3145.6	3185.0
2675.3	50°	2639.2	2603.3	2638.1	2673.2	2738.4	2803.4	2885.2	2967.0	3017.7	3068.3
2565.9	52.5°	2530.2	2494.7	2547.2	2599.5	2659.3	2718.9	2795.1	2871.5	2931.5	2991.5
2507.7	55°	2451.3	2395.0	2469.5	2543.9	2608.2	2672.6	2739.5	2806.1	2869.6	2933.4
2472.9	57.5°	2390.6	2308.4	2388.6	2468.7	2544.3	2619.9	2685.9	2752.1	2816.3	2880.2
2440.1	60°	2333.5	2226.8	2297.2	2367.4	2454.2	2541.0	2608.0	2675.3	2739.7	2804.0
2401.9	62.5°	2268.6	2135.5	2180.1	2224.8	2325.9	2427.2	2498.8	2570.5	2629.4	2688.4
2321.3	65°	2179.7	2037.9	2055.1	2072.1	2180.5	2289.1	2357.6	2426.2	2478.1	2530.0
2177.6	67.5°	2059.7	1941.8	1936.4	1931.0	2031.0	2131.3	2196.3	2261.1	2305.9	2350.8
1995.3	70°	1911.4	1827.6	1808.9	1790.2	1878.2	1966.3	2022.3	2078.4	2118.9	2159.3
1792.3	72.5°	1734.7	1677.2	1649.8	1622.6	1692.0	1761.1	1811.8	1862.4	1902.1	1941.8
1561.8	75°	1517.6	1473.1	1447.0	1420.6	1472.1	1523.6	1569.5	1615.4	1651.5	1687.6
1330.9	77.5°	1295.4	1259.9	1233.3	1206.7	1248.7	1290.4	1329.9	1369.3	1407.3	1445.1
1067.6	80°	1037.9	1008.0	985.8	963.4	998.3	1033.0	1066.2	1099.4	1128.3	1156.9
785.3	82.5°	770.7	756.2	740.4	724.6	721.7	718.8	707.2	695.6	757.0	818.5
517.0	85°	501.4	485.9	468.2	450.6	435.6	420.4	388.3	356.1	413.6	471.3
228.4	87.5°	222.2	215.9	212.6	209.3	208.7	208.0	183.5	158.8	182.9	207.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
5009.1	2.5°	4989.3	4974.0	4958.6	4944.5	4930.2	4912.5	4930.2	4944.5	4958.6	4974.0
4713.0	5°	4685.8	4666.5	4647.2	4632.4	4617.7	4603.1	4617.7	4632.4	4647.2	4666.5
4535.5	7.5°	4503.1	4480.9	4458.8	4445.6	4432.5	4422.5	4432.5	4445.6	4458.8	4480.9
4484.4	10°	4447.8	4426.9	4405.9	4394.7	4383.5	4378.9	4383.5	4394.7	4405.9	4426.9
4576.2	12.5°	4529.4	4506.0	4482.7	4473.2	4463.6	4462.0	4463.6	4473.2	4482.7	4506.0
4769.3	15°	4698.2	4665.6	4633.3	4620.8	4608.3	4607.3	4608.3	4620.8	4633.3	4665.6
4965.3	17.5°	4860.6	4812.4	4764.1	4748.3	4732.3	4729.8	4732.3	4748.3	4764.1	4812.4
5087.3	20°	4959.2	4897.6	4835.7	4816.0	4796.2	4790.0	4796.2	4816.0	4835.7	4897.6
5095.0	22.5°	4962.8	4897.8	4832.6	4810.8	4789.0	4779.6	4789.0	4810.8	4832.6	4897.8
4979.4	25°	4862.3	4805.8	4749.5	4729.0	4708.6	4696.6	4708.6	4729.0	4749.5	4805.8
4756.6	27.5°	4665.4	4627.6	4589.7	4580.3	4571.0	4567.9	4571.0	4580.3	4589.7	4627.6
4488.5	30°	4422.9	4403.6	4384.1	4384.1	4384.1	4387.2	4384.1	4384.1	4384.1	4403.6
4231.7	32.5°	4179.6	4166.9	4154.3	4155.9	4157.8	4160.9	4157.8	4155.9	4154.3	4166.9
4012.6	35°	3964.7	3945.4	3926.3	3922.1	3918.0	3915.9	3918.0	3922.1	3926.3	3945.4
3826.4	37.5°	3782.0	3746.9	3712.0	3693.5	3675.0	3664.7	3675.0	3693.5	3712.0	3746.9
3652.0	40°	3614.4	3563.3	3512.7	3478.2	3444.2	3423.8	3444.2	3478.2	3512.7	3563.3
3476.1	42.5°	3444.6	3381.2	3317.9	3267.9	3217.8	3185.0	3217.8	3267.9	3317.9	3381.2
3305.9	45°	3277.4	3205.0	3132.7	3074.0	3015.2	2977.4	3015.2	3074.0	3132.7	3205.0
3165.1	47.5°	3145.2	3080.8	3016.4	2962.0	2907.9	2871.5	2907.9	2962.0	3016.4	3080.8
3067.1	50°	3066.3	3014.8	2963.3	2913.0	2862.8	2827.9	2862.8	2913.0	2963.3	3014.8
3002.3	52.5°	3013.1	2971.2	2929.2	2884.2	2839.3	2807.2	2839.3	2884.2	2929.2	2971.2
2948.3	55°	2963.3	2926.7	2890.2	2850.8	2811.3	2782.2	2811.3	2850.8	2890.2	2926.7
2895.4	57.5°	2910.6	2873.6	2836.6	2797.6	2758.4	2728.3	2758.4	2797.6	2836.6	2873.6
2820.6	60°	2837.3	2801.1	2765.2	2724.9	2684.7	2653.5	2684.7	2724.9	2765.2	2801.1
2704.4	62.5°	2720.4	2687.8	2655.2	2612.8	2570.5	2533.1	2570.5	2612.8	2655.2	2687.8
2546.4	65°	2562.6	2531.2	2499.9	2458.7	2417.8	2385.7	2417.8	2458.7	2499.9	2531.2
2366.8	67.5°	2382.5	2353.7	2325.0	2286.8	2248.6	2219.6	2248.6	2286.8	2325.0	2353.7
2174.7	70°	2190.1	2166.6	2143.2	2106.6	2070.1	2036.8	2070.1	2106.6	2143.2	2166.6
1960.0	72.5°	1978.3	1958.8	1939.3	1904.4	1869.7	1837.5	1869.7	1904.4	1939.3	1958.8
1706.7	75°	1725.8	1716.3	1706.7	1677.4	1648.2	1617.4	1648.2	1677.4	1706.7	1716.3
1463.0	77.5°	1480.8	1467.5	1453.8	1424.3	1394.9	1370.4	1394.9	1424.3	1453.8	1467.5
1180.6	80°	1204.3	1198.4	1192.8	1153.2	1113.3	1067.2	1113.3	1153.2	1192.8	1198.4
858.8	82.5°	899.0	896.5	893.8	860.4	826.8	797.3	826.8	860.4	893.8	896.5
521.2	85°	571.0	566.8	562.7	536.5	510.4	483.8	510.4	536.5	562.7	566.8
227.4	87.5°	247.5	242.5	237.1	223.8	210.1	197.2	210.1	223.8	237.1	242.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
4989.3	2.5°	5009.1	5028.8	5053.3	5077.6	5108.9	5140.5	5171.8	5203.2	5238.9	5274.8
4685.8	5°	4713.0	4740.2	4779.2	4818.0	4868.7	4919.2	4974.8	5030.4	5093.4	5156.5
4503.1	7.5°	4535.5	4567.9	4613.9	4660.2	4721.9	4783.8	4854.0	4923.9	5007.0	5090.0
4447.8	10°	4484.4	4520.5	4575.9	4631.2	4700.7	4770.3	4845.9	4921.2	5004.3	5087.3
4529.4	12.5°	4576.2	4622.9	4693.5	4764.1	4835.9	4907.9	4966.9	5026.3	5081.1	5136.3
4698.2	15°	4769.3	4840.3	4940.8	5041.2	5103.7	5166.2	5181.6	5197.0	5189.5	5182.0
4860.6	17.5°	4965.3	5069.9	5203.0	5336.1	5386.3	5436.8	5388.8	5340.6	5250.1	5159.6
4959.2	20°	5087.3	5215.7	5367.6	5519.8	5543.3	5566.5	5465.8	5365.1	5207.8	5050.6
4962.8	22.5°	5095.0	5227.1	5372.4	5517.8	5503.8	5489.7	5358.7	5227.7	5047.9	4868.5
4862.3	25°	4979.4	5096.9	5215.9	5335.0	5287.1	5238.9	5110.0	4981.0	4819.5	4658.2
4665.4	27.5°	4756.6	4847.7	4932.4	5017.4	4963.6	4910.0	4806.6	4703.2	4570.8	4438.1
4422.9	30°	4488.5	4553.7	4618.5	4683.1	4639.5	4595.9	4509.9	4424.2	4314.1	4204.1
4179.6	32.5°	4231.7	4283.8	4343.4	4402.8	4354.2	4305.8	4223.4	4141.2	4053.1	3965.3
3964.7	35°	4012.6	4060.8	4103.0	4145.3	4087.2	4029.1	3947.5	3866.1	3799.2	3732.1
3782.0	37.5°	3826.4	3870.6	3890.1	3909.7	3837.8	3766.0	3684.6	3603.4	3555.4	3507.3
3614.4	40°	3652.0	3689.6	3685.0	3680.2	3597.4	3514.8	3436.3	3357.8	3323.1	3288.4
3444.6	42.5°	3476.1	3507.9	3484.0	3460.1	3370.9	3281.6	3207.0	3132.7	3104.3	3076.0
3277.4	45°	3305.9	3334.5	3300.3	3266.0	3173.4	3080.8	3010.2	2939.6	2915.5	2891.9
3145.2	47.5°	3165.1	3185.0	3145.6	3106.1	3014.8	2923.4	2854.5	2785.4	2763.1	2740.7
3066.3	50°	3067.1	3068.3	3017.7	2967.0	2885.2	2803.4	2738.4	2673.2	2638.1	2603.3
3013.1	52.5°	3002.3	2991.5	2931.5	2871.5	2795.1	2718.9	2659.3	2599.5	2547.2	2494.7
2963.3	55°	2948.3	2933.4	2869.6	2806.1	2739.5	2672.6	2608.2	2543.9	2469.5	2395.0
2910.6	57.5°	2895.4	2880.2	2816.3	2752.1	2685.9	2619.9	2544.3	2468.7	2388.6	2308.4
2837.3	60°	2820.6	2804.0	2739.7	2675.3	2608.0	2541.0	2454.2	2367.4	2297.2	2226.8
2720.4	62.5°	2704.4	2688.4	2629.4	2570.5	2498.8	2427.2	2325.9	2224.8	2180.1	2135.5
2562.6	65°	2546.4	2530.0	2478.1	2426.2	2357.6	2289.1	2180.5	2072.1	2055.1	2037.9
2382.5	67.5°	2366.8	2350.8	2305.9	2261.1	2196.3	2131.3	2031.0	1931.0	1936.4	1941.8
2190.1	70°	2174.7	2159.3	2118.9	2078.4	2022.3	1966.3	1878.2	1790.2	1808.9	1827.6
1978.3	72.5°	1960.0	1941.8	1902.1	1862.4	1811.8	1761.1	1692.0	1622.6	1649.8	1677.2
1725.8	75°	1706.7	1687.6	1651.5	1615.4	1569.5	1523.6	1472.1	1420.6	1447.0	1473.1
1480.8	77.5°	1463.0	1445.1	1407.3	1369.3	1329.9	1290.4	1248.7	1206.7	1233.3	1259.9
1204.3	80°	1180.6	1156.9	1128.3	1099.4	1066.2	1033.0	998.3	963.4	985.8	1008.0
899.0	82.5°	858.8	818.5	757.0	695.6	707.2	718.8	721.7	724.6	740.4	756.2
571.0	85°	521.2	471.3	413.6	356.1	388.3	420.4	435.6	450.6	468.2	485.9
247.5	87.5°	227.4	207.2	182.9	158.8	183.5	208.0	208.7	209.3	212.6	215.9
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°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
5314.5	2.5°	5354.4	5403.6	5447.8	5493.5	5539.1	5586.9	5634.7	5682.0	5729.5	5774.2
5231.8	5°	5307.0	5393.2	5480.4	5572.8	5665.2	5764.0	5863.0	5961.3	6059.7	6158.3
5189.9	7.5°	5290.0	5401.5	5520.5	5649.4	5778.3	5924.7	6071.1	6221.4	6371.7	6534.3
5192.8	10°	5298.3	5418.1	5564.9	5717.7	5870.1	6048.0	6225.8	6424.3	6623.0	6828.7
5222.3	12.5°	5308.7	5420.2	5574.4	5747.0	5919.5	6129.2	6338.9	6564.0	6789.1	7015.0
5223.1	15°	5264.4	5353.7	5524.6	5724.3	5924.1	6165.6	6407.0	6651.2	6895.4	7131.0
5144.6	17.5°	5129.5	5184.5	5385.5	5625.7	5866.0	6146.3	6426.6	6692.9	6959.3	7198.3
4980.0	20°	4909.4	4923.9	5157.9	5455.7	5753.4	6093.1	6432.8	6725.5	7018.3	7266.8
4764.1	22.5°	4659.6	4631.2	4897.6	5256.1	5614.7	6027.9	6441.1	6769.6	7097.8	7351.7
4537.7	25°	4417.3	4340.5	4613.5	5033.4	5453.4	5963.5	6473.9	6849.3	7224.5	7473.0
4321.8	27.5°	4205.5	4112.1	4360.6	4829.7	5298.7	5920.6	6542.4	6973.9	7405.1	7642.4
4111.5	30°	4019.3	3946.0	4154.7	4659.4	5164.2	5900.4	6636.3	7135.2	7634.1	7863.1
3910.7	32.5°	3856.1	3823.5	3991.7	4512.6	5033.4	5875.5	6717.2	7303.6	7889.9	8116.7
3717.0	35°	3702.0	3715.5	3855.7	4368.3	4881.0	5828.6	6776.6	7495.4	8214.2	8431.6
3523.9	37.5°	3540.5	3589.9	3712.4	4198.5	4684.5	5748.2	6811.9	7710.3	8608.7	8885.7
3326.0	40°	3363.6	3439.4	3550.5	3995.8	4441.2	5637.6	6834.1	7983.1	9132.0	9535.6
3125.9	42.5°	3175.7	3271.2	3373.6	3772.2	4170.9	5523.4	6876.3	8340.1	9803.9	10386.5
2940.2	45°	2988.8	3081.2	3185.0	3534.7	3884.3	5417.3	6950.4	8809.7	10669.0	11454.9
2781.4	47.5°	2822.1	2901.6	3035.5	3346.8	3658.0	5329.6	7001.3	9310.1	11619.0	12725.2
2639.2	50°	2675.3	2767.7	2943.8	3222.0	3500.2	5234.1	6968.0	9774.4	12580.7	14248.4
2530.2	52.5°	2565.9	2695.0	2897.5	3139.8	3382.3	5072.8	6763.5	10075.8	13388.0	15848.4
2451.3	55°	2507.7	2702.3	2890.6	3080.2	3269.8	4805.4	6341.0	10009.4	13677.6	17266.9
2390.6	57.5°	2472.9	2709.6	2875.7	3009.6	3143.5	4428.3	5712.9	9541.8	13370.9	18272.2
2333.5	60°	2440.1	2686.7	2796.4	2901.6	3006.9	3938.7	4870.6	8671.6	12472.7	18523.5
2268.6	62.5°	2401.9	2630.7	2644.2	2713.9	2783.9	3352.8	3921.7	7495.0	11068.3	17465.6
2179.7	65°	2321.3	2495.7	2494.0	2527.1	2560.1	2825.6	3091.2	6294.5	9498.0	15968.8
2059.7	67.5°	2177.6	2275.6	2280.2	2261.9	2243.4	2319.0	2394.4	5118.5	7842.6	14187.5
1911.4	70°	1995.3	2027.5	2027.5	1942.2	1856.6	1835.2	1813.6	4030.1	6246.5	12243.9
1734.7	72.5°	1792.3	1791.8	1771.5	1650.4	1529.2	1464.0	1399.0	3081.0	4763.0	10136.9
1517.6	75°	1561.8	1569.7	1475.8	1340.0	1204.3	1145.3	1086.3	2236.2	3386.0	7721.5
1295.4	77.5°	1330.9	1335.1	1180.4	1048.5	916.7	876.4	836.3	1515.3	2194.2	5404.4
1037.9	80°	1067.6	1068.3	883.5	772.0	660.3	643.7	627.0	976.3	1325.7	3481.9
770.7	82.5°	785.3	776.5	618.7	536.5	454.3	451.0	448.1	600.5	753.3	2015.3
501.4	85°	517.0	505.6	388.3	328.1	267.8	269.5	271.0	321.0	371.2	906.5
222.2	87.5°	228.4	213.9	165.1	140.4	115.9	117.3	118.8	133.1	147.4	296.9
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
5818.8	2.5°	5840.8	5863.0	5894.4	5925.7	5944.4	5963.1	5972.5	5981.8	5977.7	5981.8
6256.9	5°	6333.9	6411.2	6487.6	6564.2	6605.7	6647.3	6672.4	6697.7	6716.8	6697.7
6697.1	7.5°	6822.5	6947.7	7060.4	7173.2	7241.1	7309.0	7345.7	7382.3	7399.9	7382.3
7034.5	10°	7182.7	7331.0	7463.2	7595.5	7675.6	7755.4	7791.1	7826.6	7840.1	7826.6
7241.1	12.5°	7401.8	7562.3	7681.9	7801.1	7859.2	7917.3	7936.8	7956.4	7958.4	7956.4
7366.7	15°	7505.4	7643.9	7718.8	7794.0	7796.1	7798.2	7777.4	7756.6	7732.1	7756.6
7437.3	17.5°	7530.9	7624.6	7626.0	7627.3	7543.2	7459.1	7382.1	7304.8	7250.4	7304.8
7515.2	20°	7547.7	7580.6	7481.9	7383.3	7197.7	7012.1	6876.9	6741.7	6658.7	6741.7
7605.5	22.5°	7562.7	7519.9	7315.6	7111.3	6838.3	6565.2	6396.2	6227.2	6135.5	6227.2
7721.7	25°	7586.8	7451.8	7141.6	6831.4	6499.8	6168.3	5990.5	5813.2	5726.4	5813.2
7879.5	27.5°	7638.3	7396.8	6985.9	6575.2	6207.7	5840.2	5665.4	5490.8	5408.8	5490.8
8092.4	30°	7732.5	7372.9	6867.1	6361.4	5978.5	5595.6	5433.5	5271.3	5194.9	5271.3
8343.6	32.5°	7850.9	7358.4	6786.2	6213.9	5854.1	5494.3	5367.0	5239.5	5184.5	5239.5
8648.8	35°	8045.9	7443.1	6846.8	6250.7	6000.7	5750.9	5721.2	5691.5	5687.0	5691.5
9162.7	37.5°	8453.4	7744.2	7202.3	6660.3	6644.1	6628.0	6763.7	6899.5	6970.1	6899.5
9939.2	40°	9167.9	8396.5	7993.5	7590.5	7875.0	8159.4	8489.6	8819.7	8984.1	8819.7
10969.1	42.5°	10203.7	9438.4	9206.3	8974.2	9594.6	10215.0	10815.4	11415.9	11768.4	11415.9
12240.8	45°	11553.3	10865.7	10763.3	10660.7	11654.7	12648.8	13635.4	14622.3	15221.3	14622.3
13831.2	47.5°	13162.5	12493.5	12472.7	12452.0	13885.8	15319.3	16763.8	18208.1	19056.2	18208.1
15915.8	50°	15089.7	14263.7	14267.3	14270.8	16118.7	17966.6	19873.3	21779.9	22932.7	21779.9
18308.8	52.5°	17308.4	16308.3	16207.1	16105.8	18313.1	20520.4	22879.5	25238.4	26620.2	25238.4
20856.4	55°	19868.1	18879.8	18485.5	18091.2	20547.9	23004.3	25816.7	28629.0	30272.4	28629.0
23173.5	57.5°	22635.4	22097.0	21306.1	20515.5	22996.0	25476.6	28662.0	31847.3	33885.1	31847.3
24574.0	60°	25409.9	26246.0	25263.9	24281.9	26629.3	28976.8	32387.3	35797.8	38000.4	35797.8
23862.9	62.5°	26147.0	28431.1	28320.5	28209.6	30360.0	32510.6	35755.5	39000.1	41035.9	39000.1
22439.6	65°	24583.3	26727.1	27151.3	27575.3	30308.1	33041.1	36187.5	39333.8	41067.1	39333.8
20532.5	67.5°	22571.4	24610.3	24809.2	25007.9	27855.4	30702.6	33862.5	37022.4	38380.3	37022.4
18241.3	70°	20459.0	22676.9	22765.8	22854.8	25401.2	27947.4	30666.7	33385.8	34140.5	33385.8
15511.0	72.5°	18055.9	20601.0	20665.0	20728.7	22720.9	24713.1	26749.7	28786.2	28862.6	28786.2
12057.0	75°	14691.0	17325.0	17561.5	17798.0	19348.0	20897.9	22331.6	23765.3	23381.2	23765.3
8614.6	77.5°	11073.3	13532.3	13870.7	14209.1	15387.4	16565.7	17582.5	18599.5	17939.2	18599.5
5638.2	80°	7706.8	9775.2	10195.9	10616.5	11506.4	12395.9	12929.9	13463.7	12401.7	13463.7
3277.4	82.5°	4691.6	6106.0	6575.8	7045.9	7658.4	8270.9	8493.7	8716.3	7881.6	8716.3
1442.0	85°	2192.6	2943.1	3342.8	3742.5	4245.8	4748.9	4875.3	5001.8	4333.2	5001.8
446.4	87.5°	698.7	950.9	1173.9	1396.9	1648.6	1900.2	1911.0	1921.6	1613.3	1921.6
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):

325°		330°	335°	340°	345°	350°	355°	360°
5410.8	0°	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8	5410.8
5972.5	2.5°	5963.1	5944.4	5925.7	5894.4	5863.0	5840.8	5818.8
6672.4	5°	6647.3	6605.7	6564.2	6487.6	6411.2	6333.9	6256.9
7345.7	7.5°	7309.0	7241.1	7173.2	7060.4	6947.7	6822.5	6697.1
7791.1	10°	7755.4	7675.6	7595.5	7463.2	7331.0	7182.7	7034.5
7936.8	12.5°	7917.3	7859.2	7801.1	7681.9	7562.3	7401.8	7241.1
7777.4	15°	7798.2	7796.1	7794.0	7718.8	7643.9	7505.4	7366.7
7382.1	17.5°	7459.1	7543.2	7627.3	7626.0	7624.6	7530.9	7437.3
6876.9	20°	7012.1	7197.7	7383.3	7481.9	7580.6	7547.7	7515.2
6396.2	22.5°	6565.2	6838.3	7111.3	7315.6	7519.9	7562.7	7605.5
5990.5	25°	6168.3	6499.8	6831.4	7141.6	7451.8	7586.8	7721.7
5665.4	27.5°	5840.2	6207.7	6575.2	6985.9	7396.8	7638.3	7879.5
5433.5	30°	5595.6	5978.5	6361.4	6867.1	7372.9	7732.5	8092.4
5367.0	32.5°	5494.3	5854.1	6213.9	6786.2	7358.4	7850.9	8343.6
5721.2	35°	5750.9	6000.7	6250.7	6846.8	7443.1	8045.9	8648.8
6763.7	37.5°	6628.0	6644.1	6660.3	7202.3	7744.2	8453.4	9162.7
8489.6	40°	8159.4	7875.0	7590.5	7993.5	8396.5	9167.9	9939.2
10815.4	42.5°	10215.0	9594.6	8974.2	9206.3	9438.4	10203.7	10969.1
13635.4	45°	12648.8	11654.7	10660.7	10763.3	10865.7	11553.3	12240.8
16763.8	47.5°	15319.3	13885.8	12452.0	12472.7	12493.5	13162.5	13831.2
19873.3	50°	17966.6	16118.7	14270.8	14267.3	14263.7	15089.7	15915.8
22879.5	52.5°	20520.4	18313.1	16105.8	16207.1	16308.3	17308.4	18308.8
25816.7	55°	23004.3	20547.9	18091.2	18485.5	18879.8	19868.1	20856.4
28662.0	57.5°	25476.6	22996.0	20515.5	21306.1	22097.0	22635.4	23173.5
32387.3	60°	28976.8	26629.3	24281.9	25263.9	26246.0	25409.9	24574.0
35755.5	62.5°	32510.6	30360.0	28209.6	28320.5	28431.1	26147.0	23862.9
36187.5	65°	33041.1	30308.1	27575.3	27151.3	26727.1	24583.3	22439.6
33862.5	67.5°	30702.6	27855.4	25007.9	24809.2	24610.3	22571.4	20532.5
30666.7	70°	27947.4	25401.2	22854.8	22765.8	22676.9	20459.0	18241.3
26749.7	72.5°	24713.1	22720.9	20728.7	20665.0	20601.0	18055.9	15511.0
22331.6	75°	20897.9	19348.0	17798.0	17561.5	17325.0	14691.0	12057.0
17582.5	77.5°	16565.7	15387.4	14209.1	13870.7	13532.3	11073.3	8614.6
12929.9	80°	12395.9	11506.4	10616.5	10195.9	9775.2	7706.8	5638.2
8493.7	82.5°	8270.9	7658.4	7045.9	6575.8	6106.0	4691.6	3277.4
4875.3	85°	4748.9	4245.8	3742.5	3342.8	2943.1	2192.6	1442.0
1911.0	87.5°	1900.2	1648.6	1396.9	1173.9	950.9	698.7	446.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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