

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: P952423

Luminaire Tested: **GALN-SB6B-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952423
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-SB6B-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35997 lumens
Efficiency: N/A
Efficacy: 163.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

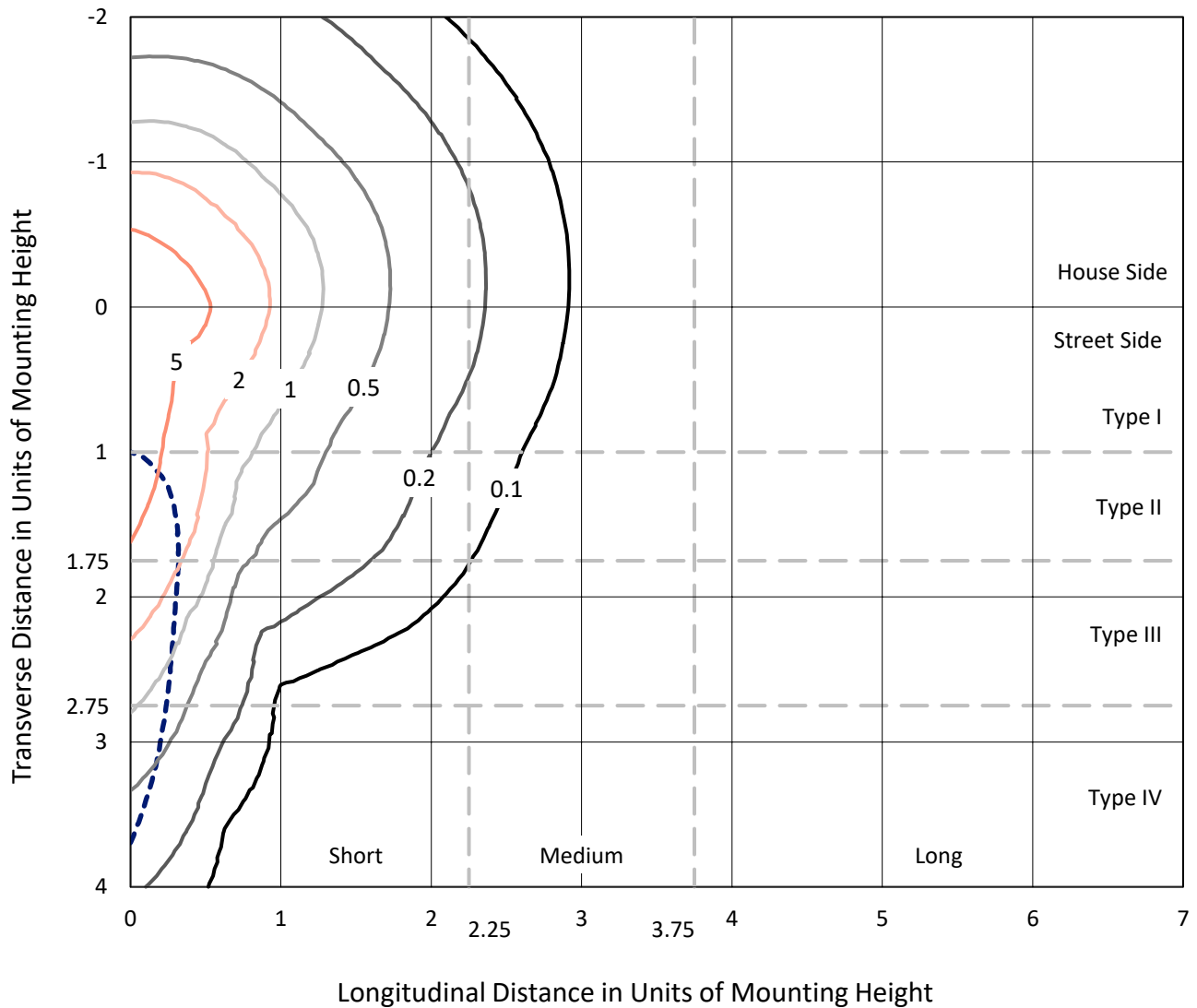
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

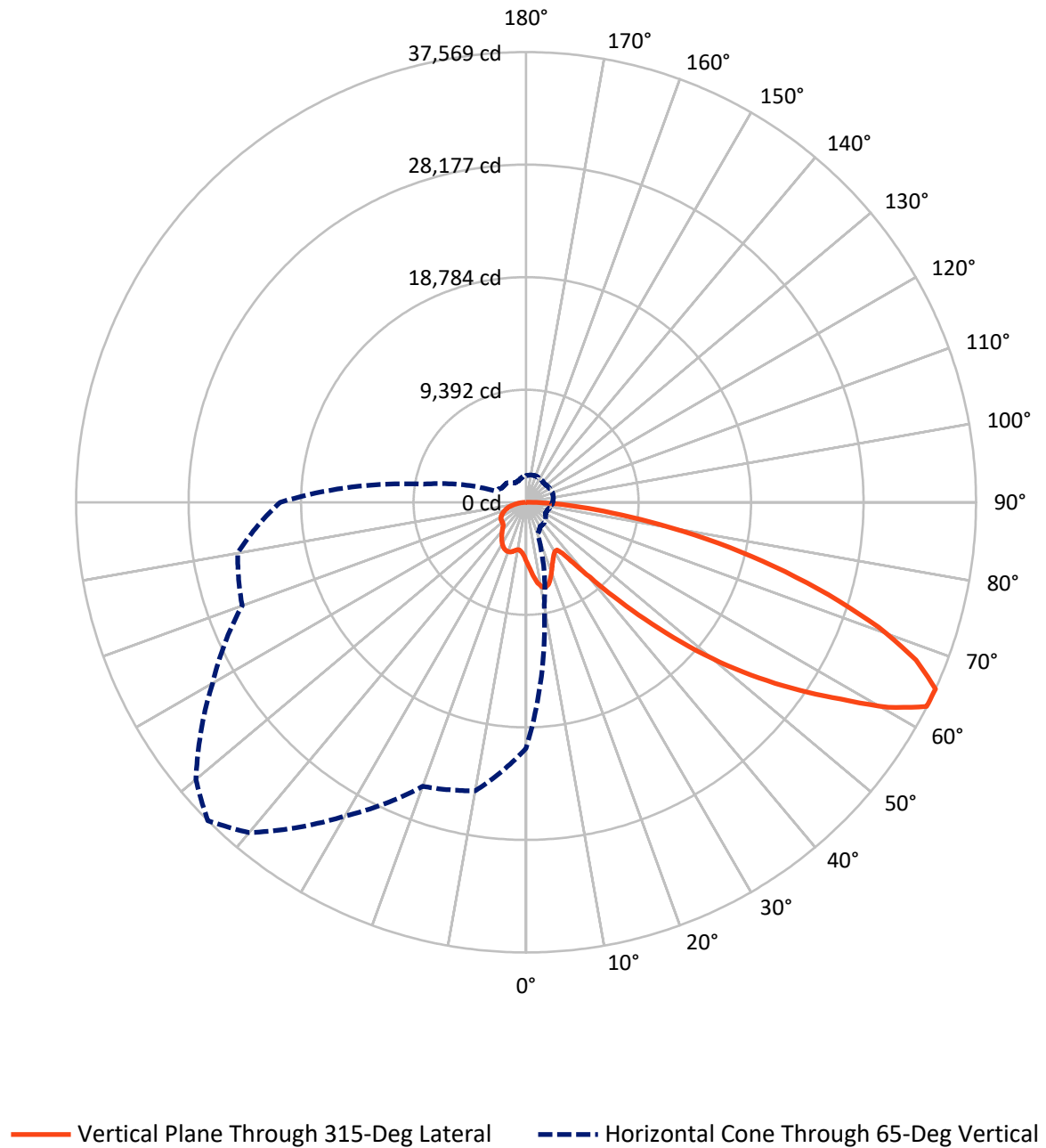
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.8 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	9148.6	0.0	9148.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	26848.4	0.0	26848.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	35997.0	0.0	35997.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	491.0	1.4
10°-20°	1541.4	4.3
20°-30°	2381.0	6.6
30°-40°	3017.3	8.4
40°-50°	4550.9	12.6
50°-60°	7352.6	20.4
60°-70°	9166.1	25.5
70°-80°	6010.7	16.7
80°-90°	1486.0	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°	35997.0	100.0
0°-180°	35997.0	100.0



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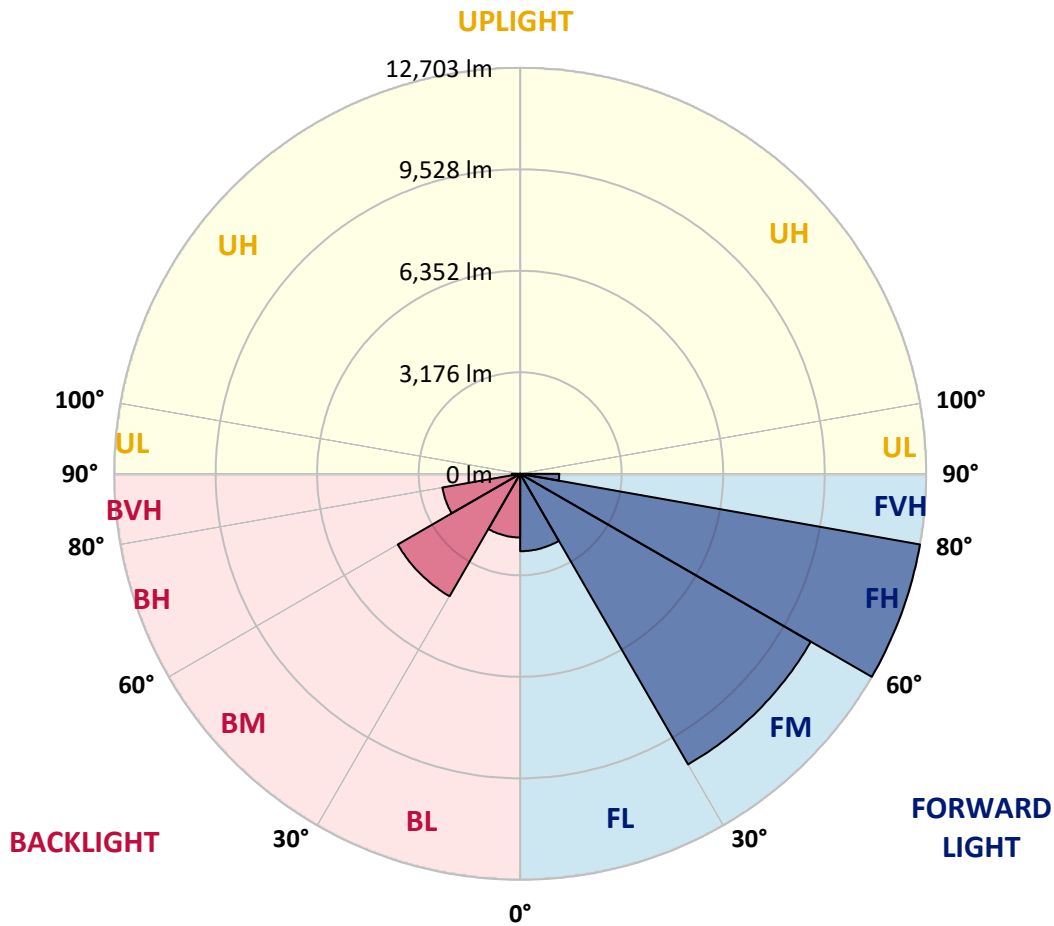
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2421.2	6.7			
FM (30°-60°)	10499.5	29.2			
FH (60°-80°)	12703.5	35.3			G5
FVH (80°-90°)	1224.1	3.4			G5
BL (0°-30°)	1992.2	5.5	B3/2500		
BM (30°-60°)	4421.2	12.3	B3/5000		
BH (60°-80°)	2473.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	261.9	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
2.5°	5323.1	5282.3	5241.5	5198.0	5154.7	5111.0	5067.3	5025.5	4983.7	4943.2
5°	5723.9	5633.7	5543.5	5453.4	5363.6	5273.0	5182.6	5098.1	5013.5	4933.8
7.5°	6126.6	5977.7	5829.0	5691.4	5553.9	5420.0	5286.1	5168.1	5050.2	4941.4
10°	6435.2	6247.0	6058.8	5877.0	5695.4	5532.8	5370.0	5230.6	5090.8	4956.5
12.5°	6624.2	6417.4	6210.7	6004.8	5798.9	5607.1	5415.3	5257.4	5099.6	4958.4
15°	6739.2	6523.6	6308.0	6084.6	5861.2	5640.3	5419.4	5236.7	5054.0	4897.7
17.5°	6803.7	6585.1	6366.5	6122.8	5879.1	5622.7	5366.3	5146.5	4926.7	4742.9
20°	6875.0	6647.8	6420.4	6152.6	5884.8	5574.0	5263.3	4990.9	4718.5	4504.5
22.5°	6957.6	6725.5	6493.2	6192.9	5892.4	5514.4	5136.4	4808.4	4480.4	4236.7
25°	7064.0	6836.4	6609.0	6265.8	5922.4	5455.5	4988.8	4604.6	4220.5	3970.7
27.5°	7208.3	6991.4	6774.3	6379.8	5985.1	5416.2	4847.3	4418.2	3989.2	3761.8
30°	7403.0	7193.3	6983.8	6527.4	6070.9	5397.8	4724.2	4262.5	3800.7	3609.9
32.5°	7632.8	7425.2	7217.8	6681.4	6145.0	5375.0	4604.6	4128.2	3651.6	3497.8
35°	7912.0	7713.4	7514.5	6856.9	6199.3	5332.1	4465.2	3996.2	3527.2	3399.0
37.5°	8382.2	8128.8	7875.4	7053.5	6231.6	5258.6	4285.5	3840.8	3396.2	3284.1
40°	9092.5	8723.3	8354.0	7303.1	6252.0	5157.3	4062.9	3655.4	3248.0	3146.4
42.5°	10034.7	9501.7	8968.7	7629.6	6290.5	5052.8	3815.6	3450.9	3086.2	2992.5
45°	11198.1	10479.1	9760.2	8059.3	6358.3	4955.8	3553.4	3233.6	2913.7	2818.7
47.5°	12653.0	11641.2	10629.2	8517.0	6404.9	4875.6	3346.4	3061.7	2777.0	2654.4
50°	14560.0	13034.6	11509.0	8941.7	6374.5	4788.3	3202.0	2947.5	2693.0	2531.9
52.5°	16749.1	14498.3	12247.5	9217.5	6187.4	4640.7	3094.2	2872.3	2650.6	2465.5
55°	19079.7	15796.0	12512.5	9156.7	5800.8	4396.0	2991.2	2817.8	2644.4	2472.1
57.5°	21199.5	16715.7	12231.9	8729.0	5226.3	4051.1	2875.7	2753.2	2630.7	2478.7
60°	22480.6	16945.5	11410.2	7932.9	4455.7	3603.2	2750.7	2654.4	2558.1	2457.9
62.5°	21830.1	15977.8	10125.4	6856.5	3587.6	3067.2	2546.7	2482.7	2418.9	2406.6
65°	20528.0	14608.5	8688.9	5758.3	2827.9	2584.9	2342.0	2311.8	2281.6	2283.1
67.5°	18783.4	12979.0	7174.5	4682.5	2190.4	2121.5	2052.3	2069.2	2085.9	2081.8
70°	16687.4	11200.9	5714.4	3686.8	1659.1	1678.9	1698.5	1776.7	1854.8	1854.8
72.5°	14189.6	9273.4	4357.3	2818.6	1279.8	1339.3	1398.9	1509.9	1620.6	1639.2
75°	11030.0	7063.8	3097.6	2045.7	993.8	1047.7	1101.7	1225.9	1350.1	1436.0
77.5°	7880.7	4944.0	2007.3	1386.2	765.1	801.7	838.6	959.2	1079.8	1221.3
80°	5157.9	3185.3	1212.8	893.1	573.6	588.8	604.0	706.2	808.2	977.3
82.5°	2998.2	1843.6	689.1	549.3	409.9	412.6	415.6	490.8	566.0	710.4
85°	1319.1	829.3	339.6	293.7	247.9	246.5	245.0	300.1	355.2	462.5
87.5°	408.4	271.6	134.9	121.8	108.6	107.3	106.0	128.4	151.0	195.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
4898.2	2.5°	4861.8	4825.5	4792.6	4760.0	4731.3	4702.6	4673.7	4645.0	4622.8	4600.4
4854.9	5°	4786.2	4717.2	4659.5	4601.9	4551.0	4500.1	4454.0	4407.6	4372.1	4336.4
4839.4	7.5°	4747.8	4656.4	4580.5	4504.5	4440.5	4376.3	4319.7	4263.3	4220.9	4178.7
4846.9	10°	4750.5	4654.0	4578.0	4502.0	4433.1	4363.9	4300.3	4236.7	4186.1	4135.4
4856.4	12.5°	4777.4	4698.8	4648.3	4598.1	4543.8	4489.9	4423.9	4358.2	4293.6	4229.1
4816.0	15°	4778.2	4740.6	4747.4	4754.3	4740.2	4726.1	4669.0	4611.8	4519.9	4427.9
4692.5	17.5°	4706.4	4720.1	4802.9	4885.7	4929.8	4973.6	4927.5	4881.5	4759.8	4638.0
4491.2	20°	4555.8	4620.3	4764.1	4908.1	5000.2	5092.4	5071.1	5049.6	4910.4	4771.4
4262.7	22.5°	4358.2	4453.8	4617.9	4782.4	4902.2	5022.1	5035.0	5047.7	4914.8	4781.8
4041.0	25°	4151.2	4261.4	4408.9	4556.7	4674.7	4792.6	4836.7	4880.6	4771.5	4662.7
3847.3	27.5°	3953.6	4060.0	4181.4	4302.6	4397.2	4491.8	4540.8	4590.0	4512.3	4434.8
3676.9	30°	3761.2	3846.0	3946.6	4047.3	4125.7	4204.4	4244.3	4284.1	4225.1	4165.8
3527.6	32.5°	3577.6	3627.5	3707.9	3788.4	3863.6	3939.0	3983.3	4027.7	3973.4	3918.9
3386.7	35°	3400.3	3414.2	3475.6	3536.7	3611.2	3685.8	3739.0	3792.2	3753.5	3714.9
3238.9	37.5°	3223.7	3208.5	3252.6	3296.4	3370.7	3445.2	3510.9	3576.6	3558.8	3540.9
3077.1	40°	3042.7	3008.3	3040.0	3071.7	3143.5	3215.3	3290.9	3366.7	3371.1	3375.3
2905.2	42.5°	2859.6	2814.0	2839.8	2865.9	2933.8	3002.0	3083.7	3165.4	3187.2	3209.1
2734.2	45°	2689.8	2645.5	2667.2	2689.2	2753.8	2818.4	2903.1	2987.8	3019.1	3050.5
2581.7	47.5°	2544.5	2507.2	2527.8	2548.1	2611.3	2674.4	2758.0	2841.5	2877.6	2913.7
2447.4	50°	2414.4	2381.5	2413.4	2445.5	2505.1	2564.6	2639.4	2714.3	2760.6	2807.0
2347.3	52.5°	2314.6	2282.2	2330.2	2378.1	2432.8	2487.3	2557.0	2626.9	2681.8	2736.7
2294.1	55°	2242.5	2191.0	2259.2	2327.2	2386.1	2444.9	2506.1	2567.1	2625.2	2683.5
2262.2	57.5°	2187.0	2111.8	2185.1	2258.4	2327.6	2396.7	2457.1	2517.7	2576.4	2634.9
2232.2	60°	2134.8	2037.1	2101.5	2165.7	2245.1	2324.5	2385.9	2447.4	2506.3	2565.2
2197.3	62.5°	2075.3	1953.6	1994.4	2035.2	2127.7	2220.4	2286.0	2351.5	2405.4	2459.4
2123.6	65°	1994.0	1864.3	1880.0	1895.6	1994.8	2094.1	2156.8	2219.5	2267.0	2314.4
1992.1	67.5°	1884.2	1776.3	1771.4	1766.5	1858.0	1949.8	2009.2	2068.5	2109.5	2150.5
1825.3	70°	1748.6	1671.9	1654.8	1637.7	1718.2	1798.8	1850.0	1901.3	1938.4	1975.4
1639.6	72.5°	1587.0	1534.4	1509.3	1484.4	1547.8	1611.1	1657.4	1703.8	1740.1	1776.3
1428.7	75°	1388.3	1347.6	1323.7	1299.6	1346.7	1393.8	1435.8	1477.8	1510.8	1543.9
1217.5	77.5°	1185.1	1152.6	1128.3	1103.9	1142.3	1180.5	1216.6	1252.7	1287.4	1322.0
976.7	80°	949.5	922.2	901.8	881.3	913.2	945.0	975.4	1005.7	1032.1	1058.4
718.4	82.5°	705.1	691.8	677.3	662.9	660.2	657.6	646.9	636.3	692.5	748.8
473.0	85°	458.7	444.5	428.3	412.2	398.5	384.6	355.2	325.8	378.4	431.2
208.9	87.5°	203.2	197.5	194.5	191.5	190.9	190.3	167.9	145.3	167.3	189.6
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
4582.4	2.5°	4564.3	4550.3	4536.2	4523.3	4510.2	4494.0	4510.2	4523.3	4536.2	4550.3
4311.5	5°	4286.6	4269.0	4251.3	4237.8	4224.3	4211.0	4224.3	4237.8	4251.3	4269.0
4149.1	7.5°	4119.5	4099.1	4079.0	4066.9	4054.9	4045.8	4054.9	4066.9	4079.0	4099.1
4102.4	10°	4068.9	4049.8	4030.6	4020.3	4010.1	4005.9	4010.1	4020.3	4030.6	4049.8
4186.3	12.5°	4143.6	4122.1	4100.9	4092.1	4083.4	4081.9	4083.4	4092.1	4100.9	4122.1
4363.0	15°	4298.0	4268.2	4238.6	4227.2	4215.8	4214.8	4215.8	4227.2	4238.6	4268.2
4542.3	17.5°	4446.6	4402.5	4358.2	4343.8	4329.2	4326.9	4329.2	4343.8	4358.2	4402.5
4654.0	20°	4536.8	4480.4	4423.8	4405.7	4387.7	4382.0	4387.7	4405.7	4423.8	4480.4
4661.0	22.5°	4540.0	4480.5	4420.9	4401.0	4381.0	4372.5	4381.0	4401.0	4420.9	4480.5
4555.2	25°	4448.1	4396.4	4344.9	4326.1	4307.5	4296.5	4307.5	4326.1	4344.9	4396.4
4351.4	27.5°	4268.0	4233.4	4198.7	4190.1	4181.6	4178.7	4181.6	4190.1	4198.7	4233.4
4106.2	30°	4046.2	4028.5	4010.6	4010.6	4010.6	4013.5	4010.6	4010.6	4010.6	4028.5
3871.2	32.5°	3823.5	3812.0	3800.4	3801.9	3803.6	3806.4	3803.6	3801.9	3800.4	3812.0
3670.8	35°	3626.9	3609.3	3591.8	3588.0	3584.2	3582.3	3584.2	3588.0	3591.8	3609.3
3500.4	37.5°	3459.8	3427.7	3395.8	3378.9	3362.0	3352.5	3362.0	3378.9	3395.8	3427.7
3340.9	40°	3306.5	3259.8	3213.4	3181.9	3150.8	3132.1	3150.8	3181.9	3213.4	3259.8
3180.0	42.5°	3151.1	3093.2	3035.3	2989.5	2943.7	2913.7	2943.7	2989.5	3035.3	3093.2
3024.3	45°	2998.2	2932.0	2865.9	2812.1	2758.3	2723.8	2758.3	2812.1	2865.9	2932.0
2895.5	47.5°	2877.2	2818.4	2759.5	2709.7	2660.1	2626.9	2660.1	2709.7	2759.5	2818.4
2805.8	50°	2805.1	2758.0	2710.9	2664.9	2618.9	2587.0	2618.9	2664.9	2710.9	2758.0
2746.6	52.5°	2756.4	2718.1	2679.7	2638.5	2597.5	2568.0	2597.5	2638.5	2679.7	2718.1
2697.2	55°	2710.9	2677.4	2644.0	2607.9	2571.8	2545.2	2571.8	2607.9	2644.0	2677.4
2648.7	57.5°	2662.6	2628.8	2595.0	2559.3	2523.4	2495.8	2523.4	2559.3	2595.0	2628.8
2580.4	60°	2595.6	2562.5	2529.7	2492.8	2456.0	2427.5	2456.0	2492.8	2529.7	2562.5
2474.0	62.5°	2488.6	2458.8	2429.0	2390.2	2351.5	2317.3	2351.5	2390.2	2429.0	2458.8
2329.5	65°	2344.3	2315.6	2286.9	2249.3	2211.9	2182.4	2211.9	2249.3	2286.9	2315.6
2165.2	67.5°	2179.6	2153.2	2127.0	2092.0	2057.1	2030.5	2057.1	2092.0	2127.0	2153.2
1989.5	70°	2003.5	1982.0	1960.6	1927.2	1893.7	1863.3	1893.7	1927.2	1960.6	1982.0
1793.1	72.5°	1809.8	1791.9	1774.1	1742.2	1710.4	1681.0	1710.4	1742.2	1774.1	1791.9
1561.3	75°	1578.8	1570.1	1561.3	1534.5	1507.8	1479.7	1507.8	1534.5	1561.3	1570.1
1338.3	77.5°	1354.7	1342.5	1330.0	1303.0	1276.0	1253.6	1276.0	1303.0	1330.0	1342.5
1080.0	80°	1101.7	1096.3	1091.2	1054.9	1018.5	976.3	1018.5	1054.9	1091.2	1096.3
785.6	82.5°	822.5	820.2	817.7	787.1	756.4	729.4	756.4	787.1	817.7	820.2
476.8	85°	522.3	518.5	514.7	490.8	466.9	442.6	466.9	490.8	514.7	518.5
208.0	87.5°	226.4	221.9	216.9	204.8	192.2	180.4	192.2	204.8	216.9	221.9
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
4564.3	2.5°	4582.4	4600.4	4622.8	4645.0	4673.7	4702.6	4731.3	4760.0	4792.6	4825.5
4286.6	5°	4311.5	4336.4	4372.1	4407.6	4454.0	4500.1	4551.0	4601.9	4659.5	4717.2
4119.5	7.5°	4149.1	4178.7	4220.9	4263.3	4319.7	4376.3	4440.5	4504.5	4580.5	4656.4
4068.9	10°	4102.4	4135.4	4186.1	4236.7	4300.3	4363.9	4433.1	4502.0	4578.0	4654.0
4143.6	12.5°	4186.3	4229.1	4293.6	4358.2	4423.9	4489.9	4543.8	4598.1	4648.3	4698.8
4298.0	15°	4363.0	4427.9	4519.9	4611.8	4669.0	4726.1	4740.2	4754.3	4747.4	4740.6
4446.6	17.5°	4542.3	4638.0	4759.8	4881.5	4927.5	4973.6	4929.8	4885.7	4802.9	4720.1
4536.8	20°	4654.0	4771.4	4910.4	5049.6	5071.1	5092.4	5000.2	4908.1	4764.1	4620.3
4540.0	22.5°	4661.0	4781.8	4914.8	5047.7	5035.0	5022.1	4902.2	4782.4	4617.9	4453.8
4448.1	25°	4555.2	4662.7	4771.5	4880.6	4836.7	4792.6	4674.7	4556.7	4408.9	4261.4
4268.0	27.5°	4351.4	4434.8	4512.3	4590.0	4540.8	4491.8	4397.2	4302.6	4181.4	4060.0
4046.2	30°	4106.2	4165.8	4225.1	4284.1	4244.3	4204.4	4125.7	4047.3	3946.6	3846.0
3823.5	32.5°	3871.2	3918.9	3973.4	4027.7	3983.3	3939.0	3863.6	3788.4	3707.9	3627.5
3626.9	35°	3670.8	3714.9	3753.5	3792.2	3739.0	3685.8	3611.2	3536.7	3475.6	3414.2
3459.8	37.5°	3500.4	3540.9	3558.8	3576.6	3510.9	3445.2	3370.7	3296.4	3252.6	3208.5
3306.5	40°	3340.9	3375.3	3371.1	3366.7	3290.9	3215.3	3143.5	3071.7	3040.0	3008.3
3151.1	42.5°	3180.0	3209.1	3187.2	3165.4	3083.7	3002.0	2933.8	2865.9	2839.8	2814.0
2998.2	45°	3024.3	3050.5	3019.1	2987.8	2903.1	2818.4	2753.8	2689.2	2667.2	2645.5
2877.2	47.5°	2895.5	2913.7	2877.6	2841.5	2758.0	2674.4	2611.3	2548.1	2527.8	2507.2
2805.1	50°	2805.8	2807.0	2760.6	2714.3	2639.4	2564.6	2505.1	2445.5	2413.4	2381.5
2756.4	52.5°	2746.6	2736.7	2681.8	2626.9	2557.0	2487.3	2432.8	2378.1	2330.2	2282.2
2710.9	55°	2697.2	2683.5	2625.2	2567.1	2506.1	2444.9	2386.1	2327.2	2259.2	2191.0
2662.6	57.5°	2648.7	2634.9	2576.4	2517.7	2457.1	2396.7	2327.6	2258.4	2185.1	2111.8
2595.6	60°	2580.4	2565.2	2506.3	2447.4	2385.9	2324.5	2245.1	2165.7	2101.5	2037.1
2488.6	62.5°	2474.0	2459.4	2405.4	2351.5	2286.0	2220.4	2127.7	2035.2	1994.4	1953.6
2344.3	65°	2329.5	2314.4	2267.0	2219.5	2156.8	2094.1	1994.8	1895.6	1880.0	1864.3
2179.6	67.5°	2165.2	2150.5	2109.5	2068.5	2009.2	1949.8	1858.0	1766.5	1771.4	1776.3
2003.5	70°	1989.5	1975.4	1938.4	1901.3	1850.0	1798.8	1718.2	1637.7	1654.8	1671.9
1809.8	72.5°	1793.1	1776.3	1740.1	1703.8	1657.4	1611.1	1547.8	1484.4	1509.3	1534.4
1578.8	75°	1561.3	1543.9	1510.8	1477.8	1435.8	1393.8	1346.7	1299.6	1323.7	1347.6
1354.7	77.5°	1338.3	1322.0	1287.4	1252.7	1216.6	1180.5	1142.3	1103.9	1128.3	1152.6
1101.7	80°	1080.0	1058.4	1032.1	1005.7	975.4	945.0	913.2	881.3	901.8	922.2
822.5	82.5°	785.6	748.8	692.5	636.3	646.9	657.6	660.2	662.9	677.3	691.8
522.3	85°	476.8	431.2	378.4	325.8	355.2	384.6	398.5	412.2	428.3	444.5
226.4	87.5°	208.0	189.6	167.3	145.3	167.9	190.3	190.9	191.5	194.5	197.5
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
4861.8	2.5°	4898.2	4943.2	4983.7	5025.5	5067.3	5111.0	5154.7	5198.0	5241.5	5282.3
4786.2	5°	4854.9	4933.8	5013.5	5098.1	5182.6	5273.0	5363.6	5453.4	5543.5	5633.7
4747.8	7.5°	4839.4	4941.4	5050.2	5168.1	5286.1	5420.0	5553.9	5691.4	5829.0	5977.7
4750.5	10°	4846.9	4956.5	5090.8	5230.6	5370.0	5532.8	5695.4	5877.0	6058.8	6247.0
4777.4	12.5°	4856.4	4958.4	5099.6	5257.4	5415.3	5607.1	5798.9	6004.8	6210.7	6417.4
4778.2	15°	4816.0	4897.7	5054.0	5236.7	5419.4	5640.3	5861.2	6084.6	6308.0	6523.6
4706.4	17.5°	4692.5	4742.9	4926.7	5146.5	5366.3	5622.7	5879.1	6122.8	6366.5	6585.1
4555.8	20°	4491.2	4504.5	4718.5	4990.9	5263.3	5574.0	5884.8	6152.6	6420.4	6647.8
4358.2	22.5°	4262.7	4236.7	4480.4	4808.4	5136.4	5514.4	5892.4	6192.9	6493.2	6725.5
4151.2	25°	4041.0	3970.7	4220.5	4604.6	4988.8	5455.5	5922.4	6265.8	6609.0	6836.4
3953.6	27.5°	3847.3	3761.8	3989.2	4418.2	4847.3	5416.2	5985.1	6379.8	6774.3	6991.4
3761.2	30°	3676.9	3609.9	3800.7	4262.5	4724.2	5397.8	6070.9	6527.4	6983.8	7193.3
3577.6	32.5°	3527.6	3497.8	3651.6	4128.2	4604.6	5375.0	6145.0	6681.4	7217.8	7425.2
3400.3	35°	3386.7	3399.0	3527.2	3996.2	4465.2	5332.1	6199.3	6856.9	7514.5	7713.4
3223.7	37.5°	3238.9	3284.1	3396.2	3840.8	4285.5	5258.6	6231.6	7053.5	7875.4	8128.8
3042.7	40°	3077.1	3146.4	3248.0	3655.4	4062.9	5157.3	6252.0	7303.1	8354.0	8723.3
2859.6	42.5°	2905.2	2992.5	3086.2	3450.9	3815.6	5052.8	6290.5	7629.6	8968.7	9501.7
2689.8	45°	2734.2	2818.7	2913.7	3233.6	3553.4	4955.8	6358.3	8059.3	9760.2	10479.1
2544.5	47.5°	2581.7	2654.4	2777.0	3061.7	3346.4	4875.6	6404.9	8517.0	10629.2	11641.2
2414.4	50°	2447.4	2531.9	2693.0	2947.5	3202.0	4788.3	6374.5	8941.7	11509.0	13034.6
2314.6	52.5°	2347.3	2465.5	2650.6	2872.3	3094.2	4640.7	6187.4	9217.5	12247.5	14498.3
2242.5	55°	2294.1	2472.1	2644.4	2817.8	2991.2	4396.0	5800.8	9156.7	12512.5	15796.0
2187.0	57.5°	2262.2	2478.7	2630.7	2753.2	2875.7	4051.1	5226.3	8729.0	12231.9	16715.7
2134.8	60°	2232.2	2457.9	2558.1	2654.4	2750.7	3603.2	4455.7	7932.9	11410.2	16945.5
2075.3	62.5°	2197.3	2406.6	2418.9	2482.7	2546.7	3067.2	3587.6	6856.5	10125.4	15977.8
1994.0	65°	2123.6	2283.1	2281.6	2311.8	2342.0	2584.9	2827.9	5758.3	8688.9	14608.5
1884.2	67.5°	1992.1	2081.8	2085.9	2069.2	2052.3	2121.5	2190.4	4682.5	7174.5	12979.0
1748.6	70°	1825.3	1854.8	1854.8	1776.7	1698.5	1678.9	1659.1	3686.8	5714.4	11200.9
1587.0	72.5°	1639.6	1639.2	1620.6	1509.9	1398.9	1339.3	1279.8	2818.6	4357.3	9273.4
1388.3	75°	1428.7	1436.0	1350.1	1225.9	1101.7	1047.7	993.8	2045.7	3097.6	7063.8
1185.1	77.5°	1217.5	1221.3	1079.8	959.2	838.6	801.7	765.1	1386.2	2007.3	4944.0
949.5	80°	976.7	977.3	808.2	706.2	604.0	588.8	573.6	893.1	1212.8	3185.3
705.1	82.5°	718.4	710.4	566.0	490.8	415.6	412.6	409.9	549.3	689.1	1843.6
458.7	85°	473.0	462.5	355.2	300.1	245.0	246.5	247.9	293.7	339.6	829.3
203.2	87.5°	208.9	195.6	151.0	128.4	106.0	107.3	108.6	121.8	134.9	271.6
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
5323.1	2.5°	5343.3	5363.6	5392.3	5421.0	5438.0	5455.1	5463.7	5472.2	5468.4	5472.2
5723.9	5°	5794.4	5865.0	5934.9	6005.0	6043.0	6081.0	6104.0	6127.2	6144.6	6127.2
6126.6	7.5°	6241.3	6355.9	6459.0	6562.1	6624.2	6686.4	6720.0	6753.4	6769.5	6753.4
6435.2	10°	6570.9	6706.5	6827.5	6948.5	7021.8	7094.7	7127.4	7159.9	7172.2	7159.9
6624.2	12.5°	6771.3	6918.1	7027.5	7136.5	7189.7	7242.9	7260.7	7278.6	7280.5	7278.6
6739.2	15°	6866.0	6992.7	7061.3	7130.1	7132.0	7133.9	7114.9	7095.9	7073.5	7095.9
6803.7	17.5°	6889.4	6975.1	6976.4	6977.5	6900.6	6823.7	6753.2	6682.6	6632.8	6682.6
6875.0	20°	6904.8	6934.8	6844.6	6754.3	6584.5	6414.7	6291.1	6167.4	6091.5	6167.4
6957.6	22.5°	6918.5	6879.3	6692.4	6505.5	6255.8	6006.0	5851.4	5696.8	5612.8	5696.8
7064.0	25°	6940.5	6817.0	6533.3	6249.5	5946.1	5642.8	5480.2	5318.0	5238.6	5318.0
7208.3	27.5°	6987.6	6766.7	6390.8	6015.1	5678.9	5342.7	5182.8	5023.0	4948.0	5023.0
7403.0	30°	7073.8	6744.9	6282.2	5819.5	5469.2	5118.9	4970.6	4822.3	4752.4	4822.3
7632.8	32.5°	7182.1	6731.6	6208.1	5684.6	5355.4	5026.3	4909.8	4793.2	4742.9	4793.2
7912.0	35°	7360.5	6809.1	6263.5	5718.2	5489.5	5261.0	5233.9	5206.7	5202.5	5206.7
8382.2	37.5°	7733.3	7084.5	6588.7	6093.0	6078.2	6063.3	6187.6	6311.8	6376.4	6311.8
9092.5	40°	8386.9	7681.3	7312.6	6943.9	7204.1	7464.4	7766.4	8068.4	8218.8	8068.4
10034.7	42.5°	9334.5	8634.4	8422.0	8209.7	8777.2	9344.8	9894.1	10443.4	10765.9	10443.4
11198.1	45°	10569.2	9940.1	9846.4	9752.6	10661.8	11571.3	12473.9	13376.7	13924.7	13376.7
12653.0	47.5°	12041.2	11429.2	11410.2	11391.2	12703.0	14014.3	15335.8	16657.0	17432.9	16657.0
14560.0	50°	13804.2	13048.7	13051.9	13055.1	14745.6	16436.1	18180.3	19924.6	20979.1	19924.6
16749.1	52.5°	15834.0	14919.0	14826.5	14733.8	16753.1	18772.4	20930.5	23088.4	24352.5	23088.4
19079.7	55°	18175.6	17271.5	16910.8	16550.1	18797.5	21044.7	23617.4	26190.2	27693.6	26190.2
21199.5	57.5°	20707.1	20214.6	19491.1	18767.8	21037.1	23306.3	26220.4	29134.3	30998.6	29134.3
22480.6	60°	23245.3	24010.2	23111.8	22213.4	24360.9	26508.4	29628.3	32748.3	34763.2	32748.3
21830.1	62.5°	23919.6	26009.2	25907.9	25806.5	27773.7	29741.2	32709.6	35677.8	37540.2	35677.8
20528.0	65°	22489.2	24450.3	24838.4	25226.2	27726.3	30226.5	33104.9	35983.1	37568.7	35983.1
18783.4	67.5°	20648.6	22513.9	22695.8	22877.6	25482.5	28087.2	30977.9	33868.6	35110.8	33868.6
16687.4	70°	18716.2	20745.1	20826.4	20907.9	23237.4	25566.6	28054.3	30541.8	31232.2	30541.8
14189.6	72.5°	16517.8	18846.1	18904.6	18962.9	20785.4	22607.9	24471.0	26334.0	26403.9	26334.0
11030.0	75°	13439.6	15849.2	16065.5	16281.9	17699.8	19117.7	20429.2	21740.8	21389.4	21740.8
7880.7	77.5°	10130.0	12379.5	12689.1	12998.7	14076.6	15154.6	16084.7	17015.0	16411.0	17015.0
5157.9	80°	7050.3	8942.5	9327.3	9712.1	10526.2	11339.9	11828.5	12316.8	11345.3	12316.8
2998.2	82.5°	4291.9	5585.8	6015.7	6445.7	7006.0	7566.4	7770.2	7973.8	7210.2	7973.8
1319.1	85°	2005.8	2692.4	3058.1	3423.7	3884.1	4344.4	4460.0	4575.7	3964.1	4575.7
408.4	87.5°	639.2	869.9	1073.9	1277.9	1508.1	1738.4	1748.2	1757.9	1475.9	1757.9
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°
4949.9	0°	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9	4949.9
5463.7	2.5°	5455.1	5438.0	5421.0	5392.3	5363.6	5343.3	5323.1
6104.0	5°	6081.0	6043.0	6005.0	5934.9	5865.0	5794.4	5723.9
6720.0	7.5°	6686.4	6624.2	6562.1	6459.0	6355.9	6241.3	6126.6
7127.4	10°	7094.7	7021.8	6948.5	6827.5	6706.5	6570.9	6435.2
7260.7	12.5°	7242.9	7189.7	7136.5	7027.5	6918.1	6771.3	6624.2
7114.9	15°	7133.9	7132.0	7130.1	7061.3	6992.7	6866.0	6739.2
6753.2	17.5°	6823.7	6900.6	6977.5	6976.4	6975.1	6889.4	6803.7
6291.1	20°	6414.7	6584.5	6754.3	6844.6	6934.8	6904.8	6875.0
5851.4	22.5°	6006.0	6255.8	6505.5	6692.4	6879.3	6918.5	6957.6
5480.2	25°	5642.8	5946.1	6249.5	6533.3	6817.0	6940.5	7064.0
5182.8	27.5°	5342.7	5678.9	6015.1	6390.8	6766.7	6987.6	7208.3
4970.6	30°	5118.9	5469.2	5819.5	6282.2	6744.9	7073.8	7403.0
4909.8	32.5°	5026.3	5355.4	5684.6	6208.1	6731.6	7182.1	7632.8
5233.9	35°	5261.0	5489.5	5718.2	6263.5	6809.1	7360.5	7912.0
6187.6	37.5°	6063.3	6078.2	6093.0	6588.7	7084.5	7733.3	8382.2
7766.4	40°	7464.4	7204.1	6943.9	7312.6	7681.3	8386.9	9092.5
9894.1	42.5°	9344.8	8777.2	8209.7	8422.0	8634.4	9334.5	10034.7
12473.9	45°	11571.3	10661.8	9752.6	9846.4	9940.1	10569.2	11198.1
15335.8	47.5°	14014.3	12703.0	11391.2	11410.2	11429.2	12041.2	12653.0
18180.3	50°	16436.1	14745.6	13055.1	13051.9	13048.7	13804.2	14560.0
20930.5	52.5°	18772.4	16753.1	14733.8	14826.5	14919.0	15834.0	16749.1
23617.4	55°	21044.7	18797.5	16550.1	16910.8	17271.5	18175.6	19079.7
26220.4	57.5°	23306.3	21037.1	18767.8	19491.1	20214.6	20707.1	21199.5
29628.3	60°	26508.4	24360.9	22213.4	23111.8	24010.2	23245.3	22480.6
32709.6	62.5°	29741.2	27773.7	25806.5	25907.9	26009.2	23919.6	21830.1
33104.9	65°	30226.5	27726.3	25226.2	24838.4	24450.3	22489.2	20528.0
30977.9	67.5°	28087.2	25482.5	22877.6	22695.8	22513.9	20648.6	18783.4
28054.3	70°	25566.6	23237.4	20907.9	20826.4	20745.1	18716.2	16687.4
24471.0	72.5°	22607.9	20785.4	18962.9	18904.6	18846.1	16517.8	14189.6
20429.2	75°	19117.7	17699.8	16281.9	16065.5	15849.2	13439.6	11030.0
16084.7	77.5°	15154.6	14076.6	12998.7	12689.1	12379.5	10130.0	7880.7
11828.5	80°	11339.9	10526.2	9712.1	9327.3	8942.5	7050.3	5157.9
7770.2	82.5°	7566.4	7006.0	6445.7	6015.7	5585.8	4291.9	2998.2
4460.0	85°	4344.4	3884.1	3423.7	3058.1	2692.4	2005.8	1319.1
1748.2	87.5°	1738.4	1508.1	1277.9	1073.9	869.9	639.2	408.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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