

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: P952402

Luminaire Tested: **GALN-SB6B-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952402
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-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 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: 34025 lumens
Efficiency: N/A
Efficacy: 154.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

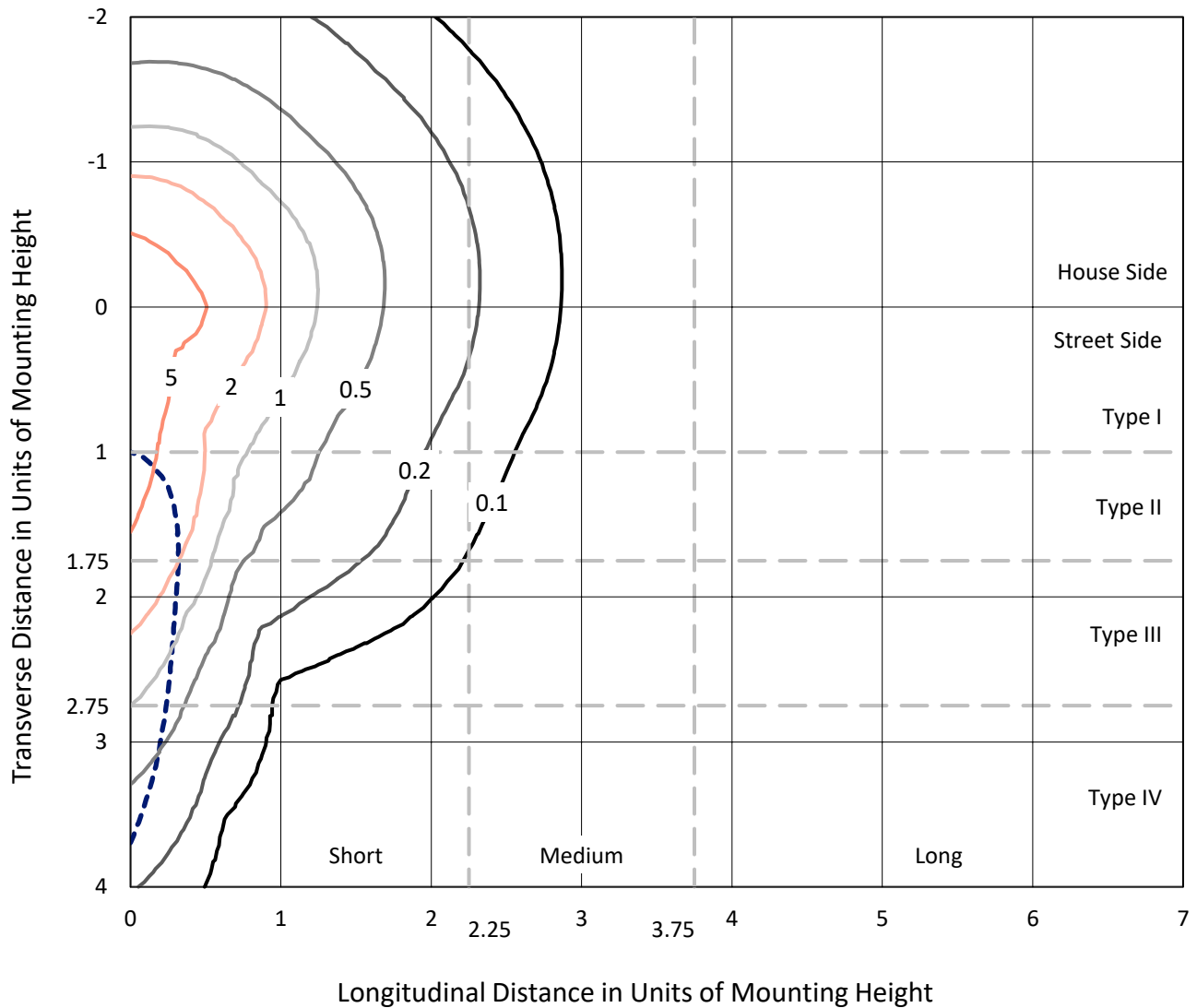
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

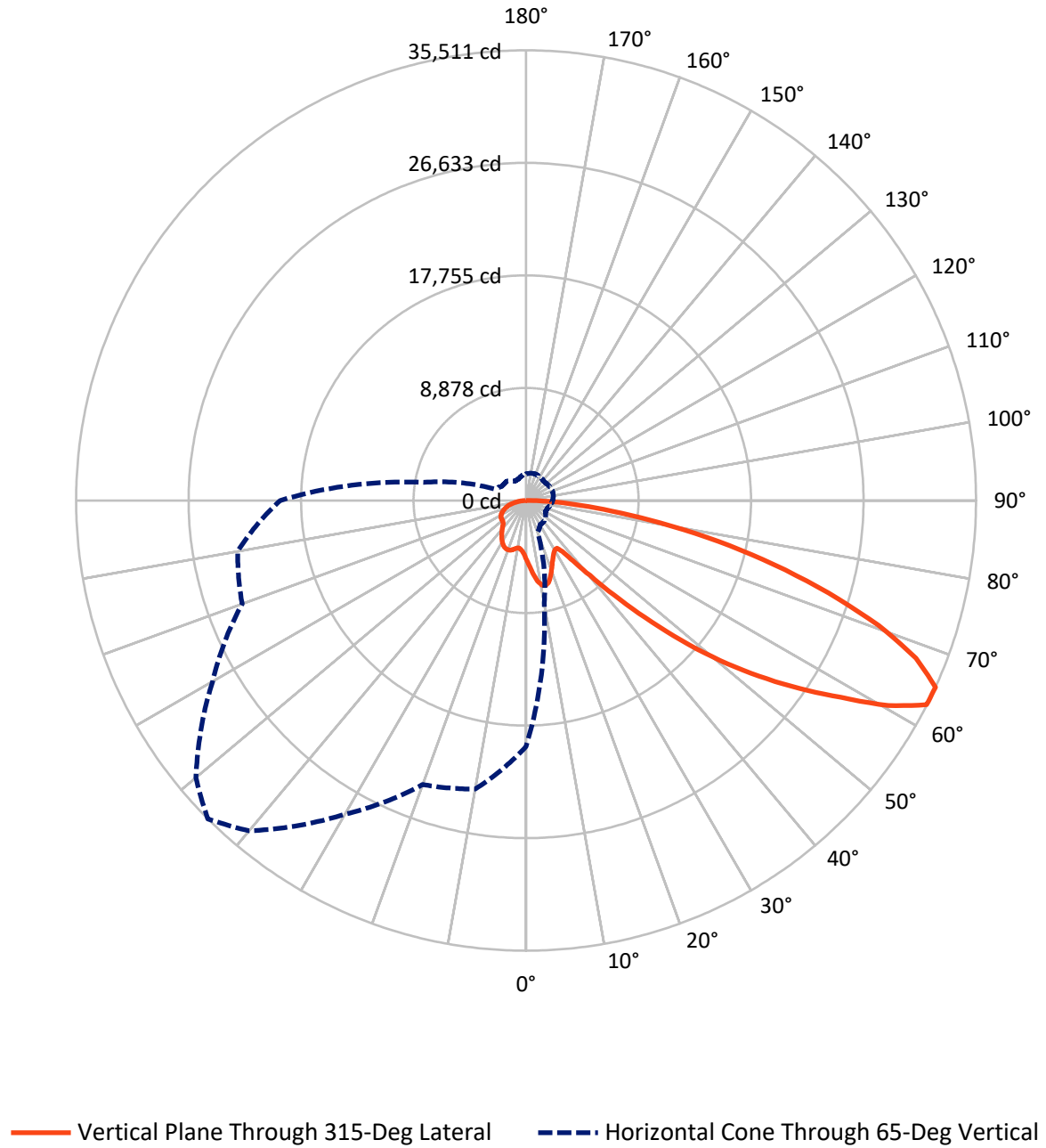
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 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	8647.4	0.0	8647.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	25377.6	0.0	25377.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	34025.0	0.0	34025.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	464.1	1.4
10°-20°	1457.0	4.3
20°-30°	2250.5	6.6
30°-40°	2852.0	8.4
40°-50°	4301.5	12.6
50°-60°	6949.8	20.4
60°-70°	8664.0	25.5
70°-80°	5681.4	16.7
80°-90°	1404.6	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°	34025.0	100.0
0°-180°	34025.0	100.0

Coefficient of Utilization



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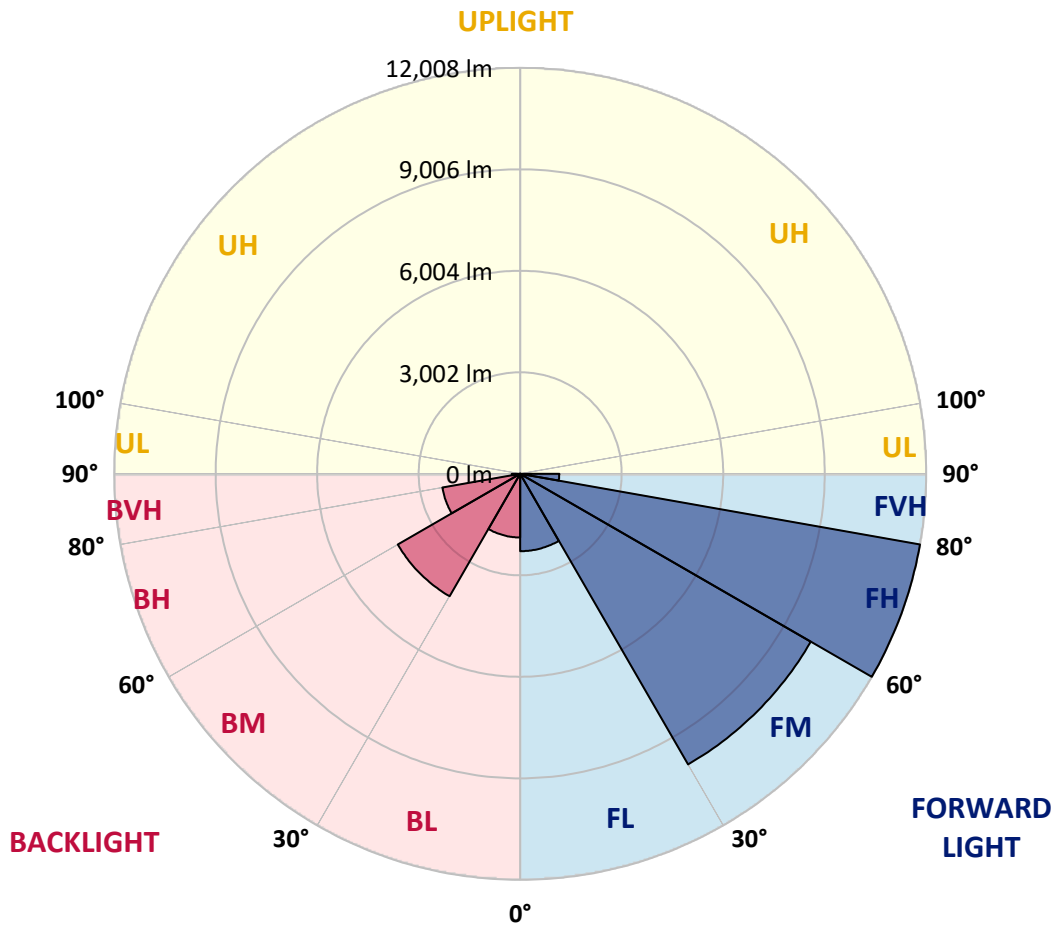
CATALOG NUMBER: GALN-SB6B-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2288.6	6.7			
FM (30°-60°)	9924.4	29.2			
FH (60°-80°)	12007.6	35.3			G5
FVH (80°-90°)	1157.1	3.4			G5
BL (0°-30°)	1883.1	5.5	B3/2500		
BM (30°-60°)	4179.0	12.3	B3/5000		
BH (60°-80°)	2337.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	247.5	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°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
2.5°	5031.5	4992.9	4954.3	4913.2	4872.3	4831.0	4789.7	4750.2	4710.7	4672.4
5°	5410.3	5325.1	5239.8	5154.7	5069.8	4984.1	4898.7	4818.8	4738.9	4663.5
7.5°	5791.0	5650.2	5509.6	5379.6	5249.7	5123.1	4996.5	4885.0	4773.5	4670.7
10°	6082.7	5904.8	5726.9	5555.0	5383.4	5229.7	5075.9	4944.1	4811.9	4685.0
12.5°	6261.3	6065.8	5870.5	5675.9	5481.3	5299.9	5118.6	4969.4	4820.2	4686.8
15°	6370.0	6166.2	5962.4	5751.3	5540.1	5331.3	5122.5	4949.8	4777.1	4629.4
17.5°	6431.0	6224.4	6017.7	5787.4	5557.0	5314.7	5072.3	4864.6	4656.8	4483.0
20°	6498.3	6283.6	6068.7	5815.6	5562.4	5268.7	4975.0	4717.5	4460.1	4257.7
22.5°	6576.4	6357.0	6137.5	5853.6	5569.6	5212.3	4855.0	4545.0	4234.9	4004.6
25°	6677.0	6461.9	6247.0	5922.6	5598.0	5156.7	4715.5	4352.3	3989.3	3753.2
27.5°	6813.4	6608.4	6403.2	6030.3	5657.2	5119.5	4581.8	4176.2	3770.6	3555.7
30°	6997.4	6799.2	6601.2	6169.8	5738.4	5102.1	4465.4	4029.0	3592.5	3412.1
32.5°	7214.7	7018.5	6822.4	6315.4	5808.4	5080.5	4352.3	3902.1	3451.6	3306.2
35°	7478.6	7290.8	7102.8	6481.3	5859.7	5040.0	4220.6	3777.3	3334.0	3212.8
37.5°	7923.0	7683.5	7444.0	6667.1	5890.2	4970.5	4050.7	3630.4	3210.1	3104.2
40°	8594.4	8245.4	7896.4	6903.0	5909.5	4874.8	3840.3	3455.2	3070.1	2974.0
42.5°	9484.9	8981.2	8477.4	7211.6	5945.9	4776.0	3606.5	3261.8	2917.1	2828.6
45°	10584.6	9905.0	9225.5	7617.7	6010.0	4684.3	3358.8	3056.4	2754.1	2664.3
47.5°	11959.8	11003.5	10046.9	8050.4	6054.0	4608.5	3163.1	2894.0	2624.8	2509.0
50°	13762.4	12320.5	10878.5	8451.9	6025.3	4525.9	3026.6	2786.1	2545.5	2393.2
52.5°	15831.6	13704.0	11576.5	8712.6	5848.4	4386.4	2924.7	2715.0	2505.4	2330.4
55°	18034.5	14930.6	11827.0	8655.1	5483.1	4155.2	2827.3	2663.4	2499.5	2336.7
57.5°	20038.1	15800.0	11561.8	8250.8	4940.0	3829.2	2718.2	2602.4	2486.6	2343.0
60°	21249.1	16017.2	10785.1	7498.4	4211.6	3405.8	2600.1	2509.0	2418.0	2323.2
62.5°	20634.2	15102.5	9570.8	6480.9	3391.1	2899.2	2407.2	2346.7	2286.4	2274.7
65°	19403.4	13808.2	8212.9	5442.8	2672.9	2443.3	2213.7	2185.1	2156.6	2158.0
67.5°	17754.4	12267.9	6781.5	4425.9	2070.4	2005.2	1939.9	1955.9	1971.7	1967.7
70°	15773.2	10587.3	5401.4	3484.8	1568.3	1586.9	1605.4	1679.4	1753.2	1753.2
72.5°	13412.3	8765.3	4118.6	2664.1	1209.7	1265.9	1322.3	1427.1	1531.8	1549.4
75°	10425.7	6676.8	2927.9	1933.6	939.3	990.3	1041.3	1158.7	1276.1	1357.3
77.5°	7449.0	4673.2	1897.3	1310.3	723.2	757.8	792.7	906.7	1020.7	1154.4
80°	4875.3	3010.8	1146.3	844.2	542.2	556.6	570.9	667.5	763.9	923.7
82.5°	2834.0	1742.6	651.4	519.2	387.4	390.0	392.8	463.9	535.0	671.5
85°	1246.9	783.9	321.0	277.6	234.3	233.0	231.6	283.7	335.7	437.2
87.5°	386.0	256.7	127.5	115.1	102.7	101.4	100.2	121.4	142.7	184.9
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°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
4629.9	2.5°	4595.4	4561.1	4530.1	4499.2	4472.1	4445.0	4417.7	4390.6	4369.6	4348.4
4589.0	5°	4524.0	4458.8	4404.2	4349.8	4301.7	4253.6	4210.0	4166.2	4132.6	4098.8
4574.2	7.5°	4487.7	4401.3	4329.5	4257.7	4197.2	4136.5	4083.0	4029.7	3989.7	3949.8
4581.4	10°	4490.2	4399.0	4327.2	4255.4	4190.2	4124.9	4064.7	4004.6	3956.8	3908.9
4590.4	12.5°	4515.7	4441.4	4393.6	4346.2	4294.9	4243.9	4181.6	4119.5	4058.4	3997.4
4552.2	15°	4516.4	4480.9	4487.3	4493.8	4480.5	4467.2	4413.2	4359.2	4272.3	4185.4
4435.5	17.5°	4448.6	4461.5	4539.8	4618.0	4659.7	4701.2	4657.5	4614.1	4499.0	4383.9
4245.1	20°	4306.2	4367.2	4503.1	4639.2	4726.3	4813.4	4793.3	4773.0	4641.4	4510.0
4029.2	22.5°	4119.5	4209.8	4364.9	4520.4	4633.7	4747.0	4759.2	4771.2	4645.5	4519.8
3819.6	25°	3923.8	4027.9	4167.4	4307.1	4418.6	4530.1	4571.7	4613.2	4510.1	4407.3
3636.5	27.5°	3737.1	3837.6	3952.3	4066.9	4156.3	4245.7	4292.0	4338.5	4265.1	4191.8
3475.5	30°	3555.2	3635.3	3730.4	3825.6	3899.7	3974.0	4011.8	4049.5	3993.6	3937.6
3334.4	32.5°	3381.6	3428.8	3504.7	3580.9	3652.0	3723.2	3765.1	3807.1	3755.7	3704.2
3201.1	35°	3214.1	3227.2	3285.2	3343.0	3413.4	3483.9	3534.2	3584.5	3547.8	3511.4
3061.5	37.5°	3047.1	3032.7	3074.4	3115.9	3186.1	3256.4	3318.6	3380.7	3363.8	3346.9
2908.5	40°	2876.0	2843.5	2873.5	2903.5	2971.3	3039.2	3110.7	3182.3	3186.4	3190.4
2746.0	42.5°	2702.9	2659.8	2684.3	2708.9	2773.1	2837.6	2914.8	2992.0	3012.6	3033.3
2584.4	45°	2542.4	2500.6	2521.1	2541.9	2602.9	2664.0	2744.0	2824.1	2853.7	2883.4
2440.3	47.5°	2405.1	2369.9	2389.3	2408.5	2468.3	2527.9	2606.9	2685.9	2720.0	2754.1
2313.3	50°	2282.1	2251.0	2281.2	2311.5	2367.9	2424.1	2494.8	2565.6	2609.4	2653.2
2218.7	52.5°	2187.8	2157.1	2202.6	2247.8	2299.5	2351.0	2416.9	2483.0	2534.9	2586.8
2168.4	55°	2119.6	2071.0	2135.4	2199.7	2255.3	2311.0	2368.8	2426.4	2481.4	2536.5
2138.3	57.5°	2067.2	1996.1	2065.4	2134.7	2200.0	2265.4	2322.5	2379.8	2435.2	2490.5
2109.9	60°	2017.8	1925.5	1986.4	2047.1	2122.1	2197.2	2255.2	2313.3	2369.0	2424.6
2076.9	62.5°	1961.6	1846.5	1885.1	1923.7	2011.2	2098.8	2160.7	2222.7	2273.7	2324.6
2007.2	65°	1884.8	1762.2	1777.1	1791.8	1885.5	1979.4	2038.6	2097.9	2142.8	2187.7
1883.0	67.5°	1781.0	1679.0	1674.4	1669.7	1756.2	1842.9	1899.1	1955.2	1993.9	2032.7
1725.3	70°	1652.8	1580.3	1564.1	1548.0	1624.1	1700.2	1748.7	1797.2	1832.2	1867.2
1549.8	72.5°	1500.0	1450.3	1426.6	1403.1	1463.0	1522.8	1566.6	1610.4	1644.7	1679.0
1350.5	75°	1312.2	1273.8	1251.2	1228.4	1272.9	1317.4	1357.1	1396.8	1428.0	1459.3
1150.8	77.5°	1120.1	1089.4	1066.4	1043.5	1079.7	1115.8	1149.9	1184.0	1216.9	1249.6
923.2	80°	897.5	871.7	852.4	833.1	863.2	893.2	921.9	950.6	975.6	1000.4
679.0	82.5°	666.4	653.9	640.2	626.6	624.1	621.6	611.5	601.4	654.6	707.7
447.0	85°	433.6	420.1	404.9	389.6	376.7	363.6	335.7	307.9	357.6	407.5
197.5	87.5°	192.1	186.7	183.8	181.0	180.4	179.9	158.7	137.3	158.2	179.2
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°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
4331.3	2.5°	4314.3	4301.0	4287.7	4275.5	4263.1	4247.8	4263.1	4275.5	4287.7	4301.0
4075.3	5°	4051.8	4035.1	4018.4	4005.6	3992.9	3980.3	3992.9	4005.6	4018.4	4035.1
3921.8	7.5°	3893.8	3874.6	3855.6	3844.1	3832.8	3824.1	3832.8	3844.1	3855.6	3874.6
3877.6	10°	3846.0	3827.9	3809.8	3800.1	3790.4	3786.4	3790.4	3800.1	3809.8	3827.9
3957.0	12.5°	3916.6	3896.3	3876.2	3867.9	3859.7	3858.2	3859.7	3867.9	3876.2	3896.3
4124.0	15°	4062.6	4034.4	4006.4	3995.6	3984.8	3983.9	3984.8	3995.6	4006.4	4034.4
4293.4	17.5°	4203.0	4161.3	4119.5	4105.8	4092.0	4089.8	4092.0	4105.8	4119.5	4161.3
4399.0	20°	4288.2	4234.9	4181.4	4164.4	4147.3	4141.9	4147.3	4164.4	4181.4	4234.9
4405.7	22.5°	4291.3	4235.1	4178.7	4159.9	4141.0	4132.9	4141.0	4159.9	4178.7	4235.1
4305.7	25°	4204.4	4155.6	4106.9	4089.1	4071.5	4061.1	4071.5	4089.1	4106.9	4155.6
4113.0	27.5°	4034.2	4001.5	3968.7	3960.6	3952.5	3949.8	3952.5	3960.6	3968.7	4001.5
3881.2	30°	3824.5	3807.8	3790.9	3790.9	3790.9	3793.6	3790.9	3790.9	3790.9	3807.8
3659.1	32.5°	3614.1	3603.1	3592.2	3593.6	3595.2	3597.9	3595.2	3593.6	3592.2	3603.1
3469.7	35°	3428.3	3411.6	3395.0	3391.5	3387.9	3386.1	3387.9	3391.5	3395.0	3411.6
3308.7	37.5°	3270.3	3239.9	3209.8	3193.8	3177.8	3168.8	3177.8	3193.8	3209.8	3239.9
3157.9	40°	3125.4	3081.2	3037.4	3007.6	2978.2	2960.6	2978.2	3007.6	3037.4	3081.2
3005.8	42.5°	2978.5	2923.8	2869.0	2825.7	2782.5	2754.1	2782.5	2825.7	2869.0	2923.8
2858.6	45°	2834.0	2771.3	2708.9	2658.0	2607.2	2574.6	2607.2	2658.0	2708.9	2771.3
2736.9	47.5°	2719.6	2664.0	2608.3	2561.3	2514.4	2483.0	2514.4	2561.3	2608.3	2664.0
2652.1	50°	2651.4	2606.9	2562.4	2518.9	2475.5	2445.3	2475.5	2518.9	2562.4	2606.9
2596.1	52.5°	2605.4	2569.2	2532.9	2493.9	2455.2	2427.3	2455.2	2493.9	2532.9	2569.2
2549.4	55°	2562.4	2530.8	2499.2	2465.0	2430.9	2405.8	2430.9	2465.0	2499.2	2530.8
2503.6	57.5°	2516.7	2484.8	2452.8	2419.1	2385.1	2359.1	2385.1	2419.1	2452.8	2484.8
2439.0	60°	2453.4	2422.1	2391.1	2356.2	2321.4	2294.5	2321.4	2356.2	2391.1	2422.1
2338.5	62.5°	2352.3	2324.1	2295.9	2259.3	2222.7	2190.3	2222.7	2259.3	2295.9	2324.1
2201.8	65°	2215.8	2188.7	2161.6	2126.1	2090.7	2062.9	2090.7	2126.1	2161.6	2188.7
2046.5	67.5°	2060.2	2035.2	2010.5	1977.4	1944.4	1919.2	1944.4	1977.4	2010.5	2035.2
1880.5	70°	1893.8	1873.5	1853.2	1821.6	1790.0	1761.3	1790.0	1821.6	1853.2	1873.5
1694.8	72.5°	1710.6	1693.8	1676.9	1646.7	1616.7	1588.9	1616.7	1646.7	1676.9	1693.8
1475.8	75°	1492.3	1484.1	1475.8	1450.5	1425.2	1398.6	1425.2	1450.5	1475.8	1484.1
1265.0	77.5°	1280.5	1269.0	1257.1	1231.6	1206.1	1184.9	1206.1	1231.6	1257.1	1269.0
1020.8	80°	1041.3	1036.3	1031.4	997.1	962.7	922.8	962.7	997.1	1031.4	1036.3
742.6	82.5°	777.4	775.2	772.9	744.0	714.9	689.4	714.9	744.0	772.9	775.2
450.6	85°	493.7	490.1	486.5	463.9	441.3	418.3	441.3	463.9	486.5	490.1
196.6	87.5°	214.0	209.7	205.0	193.5	181.7	170.6	181.7	193.5	205.0	209.7
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
4314.3	2.5°	4331.3	4348.4	4369.6	4390.6	4417.7	4445.0	4472.1	4499.2	4530.1	4561.1
4051.8	5°	4075.3	4098.8	4132.6	4166.2	4210.0	4253.6	4301.7	4349.8	4404.2	4458.8
3893.8	7.5°	3921.8	3949.8	3989.7	4029.7	4083.0	4136.5	4197.2	4257.7	4329.5	4401.3
3846.0	10°	3877.6	3908.9	3956.8	4004.6	4064.7	4124.9	4190.2	4255.4	4327.2	4399.0
3916.6	12.5°	3957.0	3997.4	4058.4	4119.5	4181.6	4243.9	4294.9	4346.2	4393.6	4441.4
4062.6	15°	4124.0	4185.4	4272.3	4359.2	4413.2	4467.2	4480.5	4493.8	4487.3	4480.9
4203.0	17.5°	4293.4	4383.9	4499.0	4614.1	4657.5	4701.2	4659.7	4618.0	4539.8	4461.5
4288.2	20°	4399.0	4510.0	4641.4	4773.0	4793.3	4813.4	4726.3	4639.2	4503.1	4367.2
4291.3	22.5°	4405.7	4519.8	4645.5	4771.2	4759.2	4747.0	4633.7	4520.4	4364.9	4209.8
4204.4	25°	4305.7	4407.3	4510.1	4613.2	4571.7	4530.1	4418.6	4307.1	4167.4	4027.9
4034.2	27.5°	4113.0	4191.8	4265.1	4338.5	4292.0	4245.7	4156.3	4066.9	3952.3	3837.6
3824.5	30°	3881.2	3937.6	3993.6	4049.5	4011.8	3974.0	3899.7	3825.6	3730.4	3635.3
3614.1	32.5°	3659.1	3704.2	3755.7	3807.1	3765.1	3723.2	3652.0	3580.9	3504.7	3428.8
3428.3	35°	3469.7	3511.4	3547.8	3584.5	3534.2	3483.9	3413.4	3343.0	3285.2	3227.2
3270.3	37.5°	3308.7	3346.9	3363.8	3380.7	3318.6	3256.4	3186.1	3115.9	3074.4	3032.7
3125.4	40°	3157.9	3190.4	3186.4	3182.3	3110.7	3039.2	2971.3	2903.5	2873.5	2843.5
2978.5	42.5°	3005.8	3033.3	3012.6	2992.0	2914.8	2837.6	2773.1	2708.9	2684.3	2659.8
2834.0	45°	2858.6	2883.4	2853.7	2824.1	2744.0	2664.0	2602.9	2541.9	2521.1	2500.6
2719.6	47.5°	2736.9	2754.1	2720.0	2685.9	2606.9	2527.9	2468.3	2408.5	2389.3	2369.9
2651.4	50°	2652.1	2653.2	2609.4	2565.6	2494.8	2424.1	2367.9	2311.5	2281.2	2251.0
2605.4	52.5°	2596.1	2586.8	2534.9	2483.0	2416.9	2351.0	2299.5	2247.8	2202.6	2157.1
2562.4	55°	2549.4	2536.5	2481.4	2426.4	2368.8	2311.0	2255.3	2199.7	2135.4	2071.0
2516.7	57.5°	2503.6	2490.5	2435.2	2379.8	2322.5	2265.4	2200.0	2134.7	2065.4	1996.1
2453.4	60°	2439.0	2424.6	2369.0	2313.3	2255.2	2197.2	2122.1	2047.1	1986.4	1925.5
2352.3	62.5°	2338.5	2324.6	2273.7	2222.7	2160.7	2098.8	2011.2	1923.7	1885.1	1846.5
2215.8	65°	2201.8	2187.7	2142.8	2097.9	2038.6	1979.4	1885.5	1791.8	1777.1	1762.2
2060.2	67.5°	2046.5	2032.7	1993.9	1955.2	1899.1	1842.9	1756.2	1669.7	1674.4	1679.0
1893.8	70°	1880.5	1867.2	1832.2	1797.2	1748.7	1700.2	1624.1	1548.0	1564.1	1580.3
1710.6	72.5°	1694.8	1679.0	1644.7	1610.4	1566.6	1522.8	1463.0	1403.1	1426.6	1450.3
1492.3	75°	1475.8	1459.3	1428.0	1396.8	1357.1	1317.4	1272.9	1228.4	1251.2	1273.8
1280.5	77.5°	1265.0	1249.6	1216.9	1184.0	1149.9	1115.8	1079.7	1043.5	1066.4	1089.4
1041.3	80°	1020.8	1000.4	975.6	950.6	921.9	893.2	863.2	833.1	852.4	871.7
777.4	82.5°	742.6	707.7	654.6	601.4	611.5	621.6	624.1	626.6	640.2	653.9
493.7	85°	450.6	407.5	357.6	307.9	335.7	363.6	376.7	389.6	404.9	420.1
214.0	87.5°	196.6	179.2	158.2	137.3	158.7	179.9	180.4	181.0	183.8	186.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
4595.4	2.5°	4629.9	4672.4	4710.7	4750.2	4789.7	4831.0	4872.3	4913.2	4954.3	4992.9
4524.0	5°	4589.0	4663.5	4738.9	4818.8	4898.7	4984.1	5069.8	5154.7	5239.8	5325.1
4487.7	7.5°	4574.2	4670.7	4773.5	4885.0	4996.5	5123.1	5249.7	5379.6	5509.6	5650.2
4490.2	10°	4581.4	4685.0	4811.9	4944.1	5075.9	5229.7	5383.4	5555.0	5726.9	5904.8
4515.7	12.5°	4590.4	4686.8	4820.2	4969.4	5118.6	5299.9	5481.3	5675.9	5870.5	6065.8
4516.4	15°	4552.2	4629.4	4777.1	4949.8	5122.5	5331.3	5540.1	5751.3	5962.4	6166.2
4448.6	17.5°	4435.5	4483.0	4656.8	4864.6	5072.3	5314.7	5557.0	5787.4	6017.7	6224.4
4306.2	20°	4245.1	4257.7	4460.1	4717.5	4975.0	5268.7	5562.4	5815.6	6068.7	6283.6
4119.5	22.5°	4029.2	4004.6	4234.9	4545.0	4855.0	5212.3	5569.6	5853.6	6137.5	6357.0
3923.8	25°	3819.6	3753.2	3989.3	4352.3	4715.5	5156.7	5598.0	5922.6	6247.0	6461.9
3737.1	27.5°	3636.5	3555.7	3770.6	4176.2	4581.8	5119.5	5657.2	6030.3	6403.2	6608.4
3555.2	30°	3475.5	3412.1	3592.5	4029.0	4465.4	5102.1	5738.4	6169.8	6601.2	6799.2
3381.6	32.5°	3334.4	3306.2	3451.6	3902.1	4352.3	5080.5	5808.4	6315.4	6822.4	7018.5
3214.1	35°	3201.1	3212.8	3334.0	3777.3	4220.6	5040.0	5859.7	6481.3	7102.8	7290.8
3047.1	37.5°	3061.5	3104.2	3210.1	3630.4	4050.7	4970.5	5890.2	6667.1	7444.0	7683.5
2876.0	40°	2908.5	2974.0	3070.1	3455.2	3840.3	4874.8	5909.5	6903.0	7896.4	8245.4
2702.9	42.5°	2746.0	2828.6	2917.1	3261.8	3606.5	4776.0	5945.9	7211.6	8477.4	8981.2
2542.4	45°	2584.4	2664.3	2754.1	3056.4	3358.8	4684.3	6010.0	7617.7	9225.5	9905.0
2405.1	47.5°	2440.3	2509.0	2624.8	2894.0	3163.1	4608.5	6054.0	8050.4	10046.9	11003.5
2282.1	50°	2313.3	2393.2	2545.5	2786.1	3026.6	4525.9	6025.3	8451.9	10878.5	12320.5
2187.8	52.5°	2218.7	2330.4	2505.4	2715.0	2924.7	4386.4	5848.4	8712.6	11576.5	13704.0
2119.6	55°	2168.4	2336.7	2499.5	2663.4	2827.3	4155.2	5483.1	8655.1	11827.0	14930.6
2067.2	57.5°	2138.3	2343.0	2486.6	2602.4	2718.2	3829.2	4940.0	8250.8	11561.8	15800.0
2017.8	60°	2109.9	2323.2	2418.0	2509.0	2600.1	3405.8	4211.6	7498.4	10785.1	16017.2
1961.6	62.5°	2076.9	2274.7	2286.4	2346.7	2407.2	2899.2	3391.1	6480.9	9570.8	15102.5
1884.8	65°	2007.2	2158.0	2156.6	2185.1	2213.7	2443.3	2672.9	5442.8	8212.9	13808.2
1781.0	67.5°	1883.0	1967.7	1971.7	1955.9	1939.9	2005.2	2070.4	4425.9	6781.5	12267.9
1652.8	70°	1725.3	1753.2	1753.2	1679.4	1605.4	1586.9	1568.3	3484.8	5401.4	10587.3
1500.0	72.5°	1549.8	1549.4	1531.8	1427.1	1322.3	1265.9	1209.7	2664.1	4118.6	8765.3
1312.2	75°	1350.5	1357.3	1276.1	1158.7	1041.3	990.3	939.3	1933.6	2927.9	6676.8
1120.1	77.5°	1150.8	1154.4	1020.7	906.7	792.7	757.8	723.2	1310.3	1897.3	4673.2
897.5	80°	923.2	923.7	763.9	667.5	570.9	556.6	542.2	844.2	1146.3	3010.8
666.4	82.5°	679.0	671.5	535.0	463.9	392.8	390.0	387.4	519.2	651.4	1742.6
433.6	85°	447.0	437.2	335.7	283.7	231.6	233.0	234.3	277.6	321.0	783.9
192.1	87.5°	197.5	184.9	142.7	121.4	100.2	101.4	102.7	115.1	127.5	256.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
5031.5	2.5°	5050.6	5069.8	5096.9	5124.0	5140.1	5156.3	5164.4	5172.5	5168.9	5172.5
5410.3	5°	5477.0	5543.7	5609.8	5676.1	5712.0	5747.9	5769.6	5791.5	5808.0	5791.5
5791.0	7.5°	5899.4	6007.7	6105.2	6202.6	6261.3	6320.1	6351.8	6383.4	6398.7	6383.4
6082.7	10°	6210.9	6339.1	6453.5	6567.8	6637.1	6706.1	6736.9	6767.6	6779.3	6767.6
6261.3	12.5°	6400.3	6539.1	6642.5	6745.6	6795.8	6846.1	6863.0	6879.9	6881.6	6879.9
6370.0	15°	6489.9	6609.6	6674.5	6739.5	6741.2	6743.0	6725.1	6707.1	6686.0	6707.1
6431.0	17.5°	6512.0	6593.0	6594.2	6595.3	6522.6	6449.9	6383.3	6316.5	6269.4	6316.5
6498.3	20°	6526.5	6554.9	6469.6	6384.3	6223.8	6063.3	5946.4	5829.6	5757.7	5829.6
6576.4	22.5°	6539.5	6502.5	6325.8	6149.1	5913.0	5677.0	5530.8	5384.7	5305.3	5384.7
6677.0	25°	6560.3	6443.6	6175.3	5907.1	5620.4	5333.7	5180.0	5026.7	4951.6	5026.7
6813.4	27.5°	6604.8	6396.0	6040.7	5685.6	5367.8	5050.0	4898.8	4747.9	4676.9	4747.9
6997.4	30°	6686.3	6375.4	5938.0	5500.7	5169.6	4838.5	4698.3	4558.1	4492.0	4558.1
7214.7	32.5°	6788.6	6362.8	5868.0	5373.2	5062.0	4750.9	4640.8	4530.6	4483.0	4530.6
7478.6	35°	6957.2	6436.0	5920.4	5405.0	5188.8	4972.8	4947.1	4921.5	4917.5	4921.5
7923.0	37.5°	7309.7	6696.4	6227.8	5759.2	5745.2	5731.2	5848.6	5966.0	6027.1	5966.0
8594.4	40°	7927.4	7260.5	6912.0	6563.5	6809.5	7055.4	7340.9	7626.4	7768.6	7626.4
9484.9	42.5°	8823.2	8161.4	7960.7	7759.9	8296.4	8832.9	9352.1	9871.3	10176.1	9871.3
10584.6	45°	9990.1	9395.5	9307.0	9218.3	10077.8	10937.4	11790.5	12643.9	13161.8	12643.9
11959.8	47.5°	11381.6	10803.1	10785.1	10767.2	12007.1	13246.6	14495.6	15744.5	16477.9	15744.5
13762.4	50°	13048.0	12333.8	12336.9	12339.9	13937.8	15535.7	17184.4	18833.1	19829.8	18833.1
15831.6	52.5°	14966.6	14101.7	14014.3	13926.7	15835.3	17744.0	19783.9	21823.6	23018.4	21823.6
18034.5	55°	17179.9	16325.3	15984.3	15643.4	17767.7	19891.8	22323.6	24755.4	26176.5	24755.4
20038.1	57.5°	19572.7	19107.2	18423.4	17739.7	19884.6	22029.5	24784.0	27538.3	29300.4	27538.3
21249.1	60°	21971.9	22694.9	21845.7	20996.5	23026.3	25056.2	28005.2	30954.3	32858.8	30954.3
20634.2	62.5°	22609.3	24584.3	24488.6	24392.8	26252.2	28111.9	30917.7	33723.3	35483.7	33723.3
19403.4	65°	21257.2	23110.9	23477.7	23844.3	26207.4	28570.6	31291.3	34011.8	35510.6	34011.8
17754.4	67.5°	19517.5	21280.5	21452.5	21624.3	24086.5	26548.5	29280.8	32013.2	33187.4	32013.2
15773.2	70°	17690.8	19608.7	19685.5	19762.5	21964.4	24166.0	26517.4	28868.6	29521.2	28868.6
13412.3	72.5°	15612.9	17813.6	17868.9	17924.1	19646.7	21369.4	23130.5	24891.3	24957.4	24891.3
10425.7	75°	12703.3	14980.9	15185.4	15389.9	16730.1	18070.4	19310.1	20549.8	20217.6	20549.8
7449.0	77.5°	9575.1	11701.3	11994.0	12286.6	13305.5	14324.3	15203.5	16082.9	15512.0	16082.9
4875.3	80°	6664.0	8452.6	8816.3	9180.1	9949.6	10718.7	11180.5	11642.1	10723.7	11642.1
2834.0	82.5°	4056.8	5279.8	5686.1	6092.6	6622.2	7151.9	7344.5	7537.0	6815.2	7537.0
1246.9	85°	1895.9	2544.9	2890.5	3236.2	3671.3	4106.4	4215.7	4325.0	3746.9	4325.0
386.0	87.5°	604.1	822.3	1015.1	1207.9	1425.5	1643.1	1652.5	1661.6	1395.0	1661.6
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°
4678.7	0°	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7	4678.7
5164.4	2.5°	5156.3	5140.1	5124.0	5096.9	5069.8	5050.6	5031.5
5769.6	5°	5747.9	5712.0	5676.1	5609.8	5543.7	5477.0	5410.3
6351.8	7.5°	6320.1	6261.3	6202.6	6105.2	6007.7	5899.4	5791.0
6736.9	10°	6706.1	6637.1	6567.8	6453.5	6339.1	6210.9	6082.7
6863.0	12.5°	6846.1	6795.8	6745.6	6642.5	6539.1	6400.3	6261.3
6725.1	15°	6743.0	6741.2	6739.5	6674.5	6609.6	6489.9	6370.0
6383.3	17.5°	6449.9	6522.6	6595.3	6594.2	6593.0	6512.0	6431.0
5946.4	20°	6063.3	6223.8	6384.3	6469.6	6554.9	6526.5	6498.3
5530.8	22.5°	5677.0	5913.0	6149.1	6325.8	6502.5	6539.5	6576.4
5180.0	25°	5333.7	5620.4	5907.1	6175.3	6443.6	6560.3	6677.0
4898.8	27.5°	5050.0	5367.8	5685.6	6040.7	6396.0	6604.8	6813.4
4698.3	30°	4838.5	5169.6	5500.7	5938.0	6375.4	6686.3	6997.4
4640.8	32.5°	4750.9	5062.0	5373.2	5868.0	6362.8	6788.6	7214.7
4947.1	35°	4972.8	5188.8	5405.0	5920.4	6436.0	6957.2	7478.6
5848.6	37.5°	5731.2	5745.2	5759.2	6227.8	6696.4	7309.7	7923.0
7340.9	40°	7055.4	6809.5	6563.5	6912.0	7260.5	7927.4	8594.4
9352.1	42.5°	8832.9	8296.4	7759.9	7960.7	8161.4	8823.2	9484.9
11790.5	45°	10937.4	10077.8	9218.3	9307.0	9395.5	9990.1	10584.6
14495.6	47.5°	13246.6	12007.1	10767.2	10785.1	10803.1	11381.6	11959.8
17184.4	50°	15535.7	13937.8	12339.9	12336.9	12333.8	13048.0	13762.4
19783.9	52.5°	17744.0	15835.3	13926.7	14014.3	14101.7	14966.6	15831.6
22323.6	55°	19891.8	17767.7	15643.4	15984.3	16325.3	17179.9	18034.5
24784.0	57.5°	22029.5	19884.6	17739.7	18423.4	19107.2	19572.7	20038.1
28005.2	60°	25056.2	23026.3	20996.5	21845.7	22694.9	21971.9	21249.1
30917.7	62.5°	28111.9	26252.2	24392.8	24488.6	24584.3	22609.3	20634.2
31291.3	65°	28570.6	26207.4	23844.3	23477.7	23110.9	21257.2	19403.4
29280.8	67.5°	26548.5	24086.5	21624.3	21452.5	21280.5	19517.5	17754.4
26517.4	70°	24166.0	21964.4	19762.5	19685.5	19608.7	17690.8	15773.2
23130.5	72.5°	21369.4	19646.7	17924.1	17868.9	17813.6	15612.9	13412.3
19310.1	75°	18070.4	16730.1	15389.9	15185.4	14980.9	12703.3	10425.7
15203.5	77.5°	14324.3	13305.5	12286.6	11994.0	11701.3	9575.1	7449.0
11180.5	80°	10718.7	9949.6	9180.1	8816.3	8452.6	6664.0	4875.3
7344.5	82.5°	7151.9	6622.2	6092.6	5686.1	5279.8	4056.8	2834.0
4215.7	85°	4106.4	3671.3	3236.2	2890.5	2544.9	1895.9	1246.9
1652.5	87.5°	1643.1	1425.5	1207.9	1015.1	822.3	604.1	386.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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