

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: P953200

Luminaire Tested: **GALN-SB6D-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953200
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-SB6D-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 53467 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

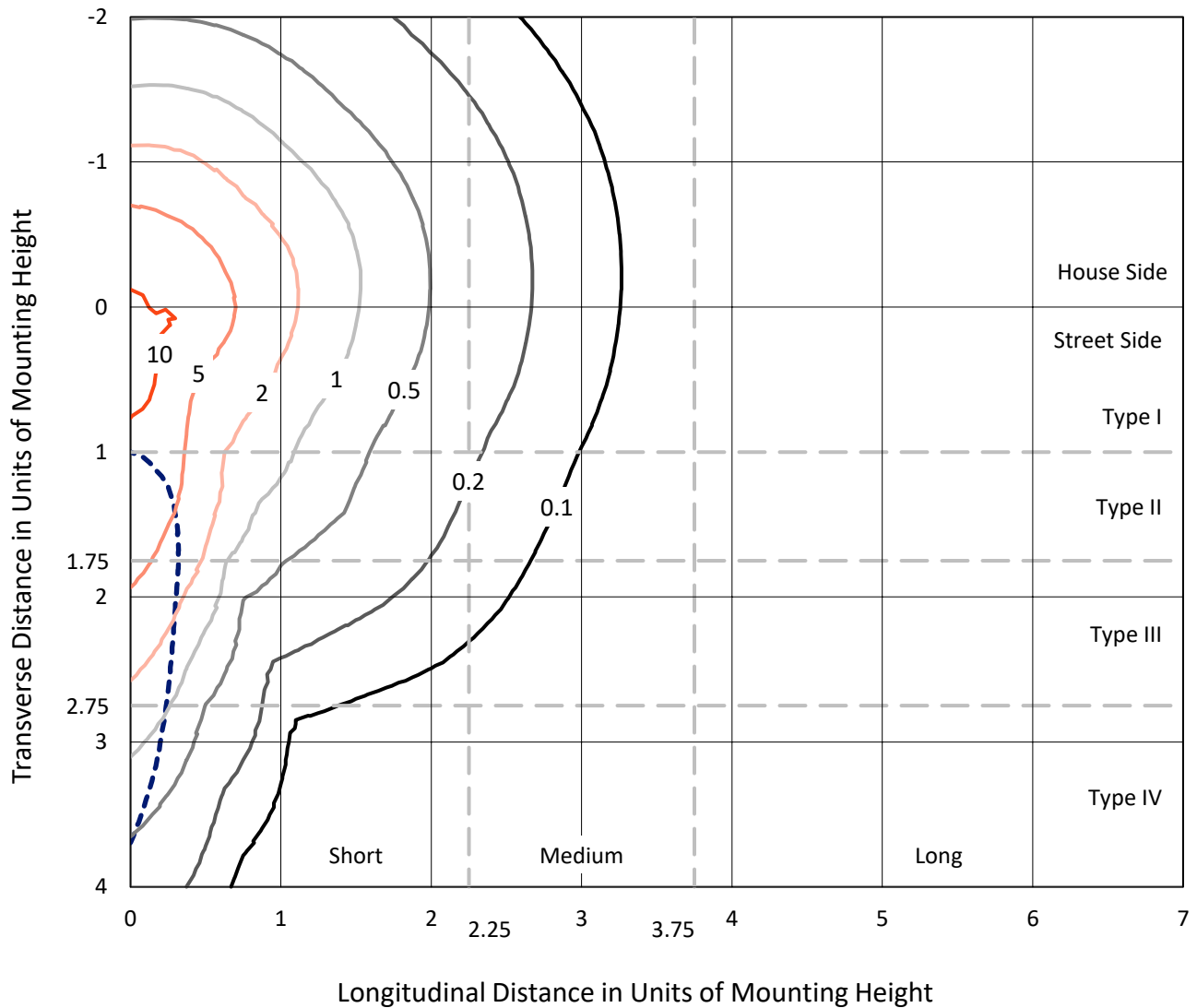
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

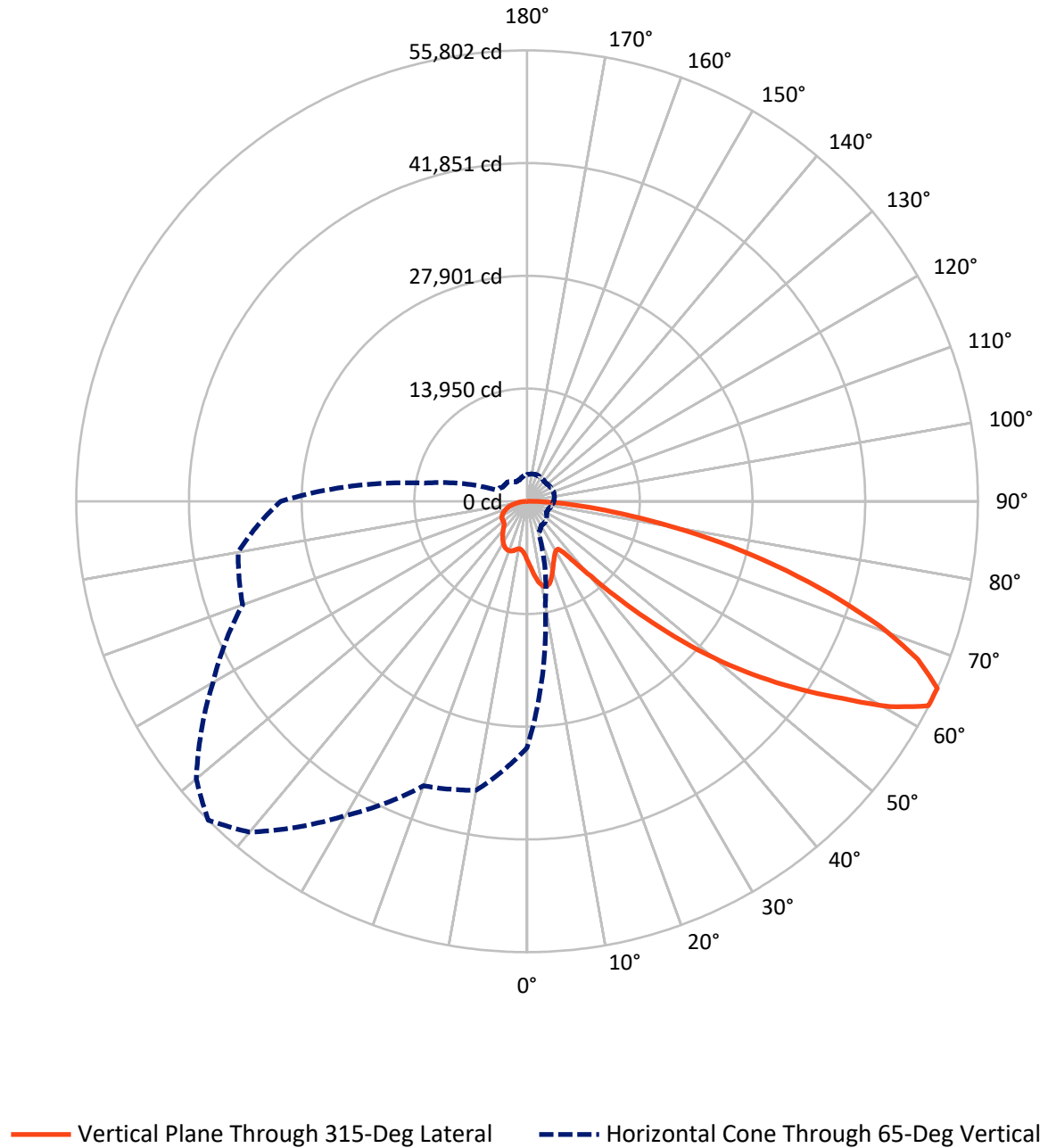
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.5 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	13588.6	0.0	13588.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	39878.4	0.0	39878.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	53467.0	0.0	53467.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	729.3	1.4
10°-20°	2289.5	4.3
20°-30°	3536.5	6.6
30°-40°	4481.6	8.4
40°-50°	6759.5	12.6
50°-60°	10920.9	20.4
60°-70°	13614.6	25.5
70°-80°	8927.8	16.7
80°-90°	2207.2	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	53467.0	100.0
0°-180°	53467.0	100.0

Coefficient of Utilization



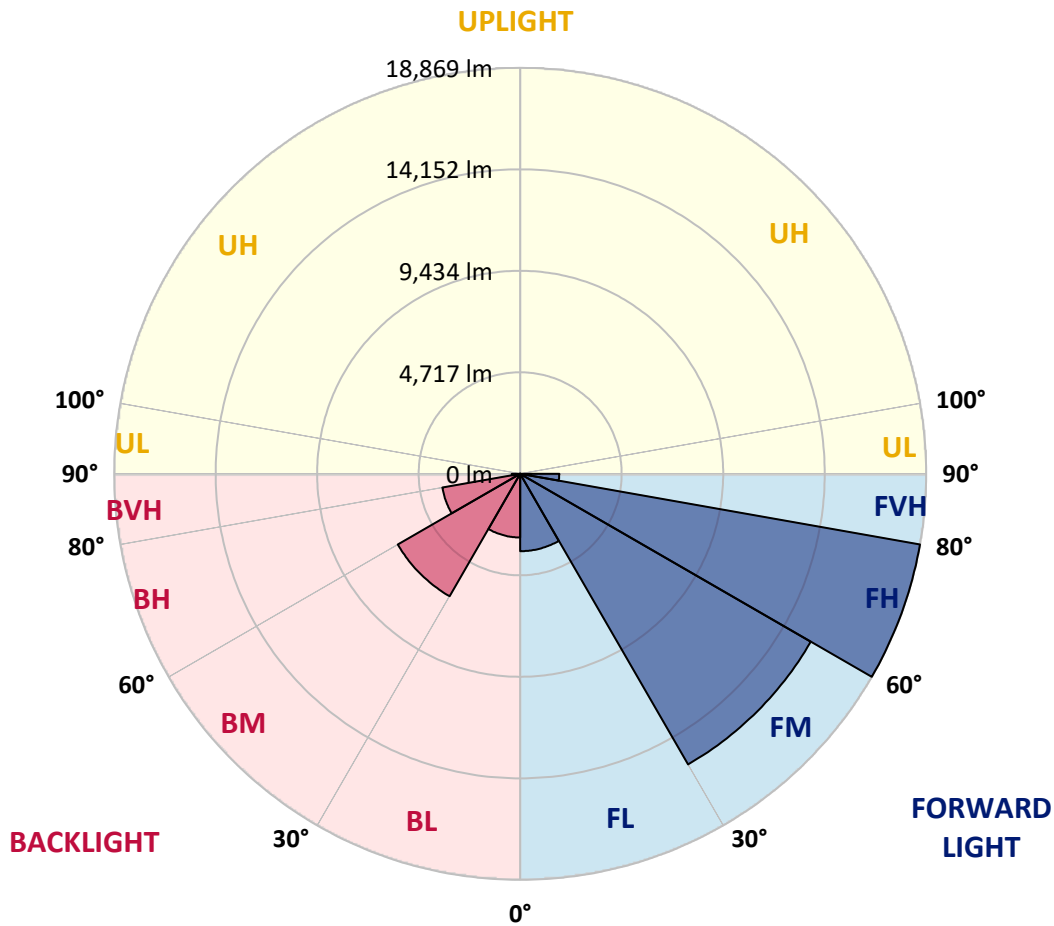
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3596.3	6.7			
FM (30°-60°)	15595.2	29.2			
FH (60°-80°)	18868.7	35.3			G5
FVH (80°-90°)	1818.2	3.4			G5
BL (0°-30°)	2959.1	5.5	B4/5000		
BM (30°-60°)	6566.9	12.3	B4/8500		
BH (60°-80°)	3673.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	388.9	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
2.5°	7906.5	7845.9	7785.2	7720.6	7656.3	7591.4	7526.5	7464.5	7402.4	7342.3
5°	8501.8	8367.8	8233.8	8100.1	7966.6	7832.1	7697.8	7572.2	7446.7	7328.2
7.5°	9099.9	8878.8	8657.8	8453.6	8249.3	8050.4	7851.5	7676.3	7501.1	7339.5
10°	9558.4	9278.8	8999.2	8729.2	8459.5	8218.0	7976.2	7769.2	7561.5	7362.0
12.5°	9839.1	9531.9	9224.9	8919.1	8613.3	8328.3	8043.4	7808.9	7574.5	7364.9
15°	10009.8	9689.6	9369.4	9037.6	8705.8	8377.7	8049.6	7778.2	7506.8	7274.6
17.5°	10105.7	9781.0	9456.3	9094.3	8732.3	8351.5	7970.6	7644.2	7317.8	7044.7
20°	10211.5	9874.1	9536.4	9138.6	8740.8	8279.2	7817.7	7413.1	7008.5	6690.6
22.5°	10334.2	9989.5	9644.4	9198.4	8752.1	8190.6	7629.2	7142.0	6654.8	6292.8
25°	10492.2	10154.2	9816.5	9306.7	8796.7	8103.2	7410.0	6839.3	6268.8	5897.8
27.5°	10706.6	10384.5	10062.0	9476.0	8889.8	8044.8	7199.8	6562.5	5925.2	5587.5
30°	10995.8	10684.3	10373.2	9695.2	9017.3	8017.4	7017.0	6331.2	5645.3	5361.8
32.5°	11337.2	11028.8	10720.7	9924.0	9127.3	7983.6	6839.3	6131.7	5423.8	5195.3
35°	11751.9	11456.8	11161.4	10184.7	9208.0	7919.8	6632.2	5935.6	5239.1	5048.6
37.5°	12450.2	12073.8	11697.5	10476.7	9256.0	7810.6	6365.3	5704.8	5044.4	4877.9
40°	13505.3	12956.9	12408.4	10847.4	9286.1	7660.3	6034.7	5429.5	4824.3	4673.4
42.5°	14904.7	14113.0	13321.4	11332.4	9343.4	7505.1	5667.3	5125.6	4584.0	4444.9
45°	16632.7	15564.8	14497.0	11970.6	9444.1	7360.9	5278.0	4802.9	4327.8	4186.7
47.5°	18793.7	17290.9	15787.7	12650.5	9513.2	7241.9	4970.5	4547.6	4124.7	3942.7
50°	21626.3	19360.5	17094.5	13281.3	9468.1	7112.1	4756.1	4378.0	4000.0	3760.7
52.5°	24877.8	21534.6	18191.4	13691.0	9190.2	6892.9	4595.8	4266.3	3937.1	3662.0
55°	28339.4	23462.1	18585.0	13600.7	8616.1	6529.5	4442.9	4185.3	3927.7	3671.9
57.5°	31488.0	24828.1	18168.3	12965.3	7762.7	6017.2	4271.4	4089.4	3907.4	3681.7
60°	33390.9	25169.5	16947.8	11782.9	6618.1	5351.9	4085.7	3942.7	3799.7	3650.7
62.5°	32424.6	23732.1	15039.5	10184.1	5328.8	4555.8	3782.7	3687.7	3592.9	3574.5
65°	30490.6	21698.2	12905.8	8552.9	4200.3	3839.4	3478.6	3433.7	3388.9	3391.1
67.5°	27899.3	19277.9	10656.4	6954.9	3253.5	3151.1	3048.4	3073.5	3098.3	3092.1
70°	24786.1	16636.9	8487.7	5476.0	2464.4	2493.7	2522.8	2639.0	2754.9	2754.9
72.5°	21076.1	13773.9	6471.9	4186.5	1901.0	1989.3	2077.8	2242.6	2407.1	2434.7
75°	16383.0	10491.9	4600.9	3038.5	1476.1	1556.2	1636.3	1820.8	2005.3	2132.9
77.5°	11705.4	7343.4	2981.5	2058.9	1136.4	1190.8	1245.6	1424.7	1603.9	1814.1
80°	7661.1	4731.2	1801.4	1326.6	852.0	874.6	897.2	1048.9	1200.4	1451.5
82.5°	4453.3	2738.3	1023.5	815.9	608.8	612.8	617.3	729.0	840.7	1055.1
85°	1959.4	1231.8	504.4	436.2	368.2	366.2	363.9	445.8	527.6	687.0
87.5°	606.6	403.4	200.3	180.8	161.4	159.4	157.4	190.7	224.3	290.6
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°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
7275.4	2.5°	7221.3	7167.4	7118.6	7070.0	7027.4	6984.8	6942.0	6899.4	6866.4	6833.1
7211.1	5°	7109.0	7006.6	6920.8	6835.3	6759.7	6684.1	6615.5	6546.7	6493.9	6440.9
7188.0	7.5°	7052.0	6916.3	6803.4	6690.6	6595.5	6500.2	6416.1	6332.3	6269.4	6206.7
7199.3	10°	7055.9	6912.6	6799.8	6686.9	6584.5	6481.8	6387.3	6292.8	6217.7	6142.4
7213.4	12.5°	7096.0	6979.2	6904.2	6829.7	6749.0	6668.9	6571.0	6473.4	6377.4	6281.5
7153.3	15°	7097.1	7041.3	7051.4	7061.6	7040.7	7019.8	6934.9	6850.0	6713.4	6576.9
6969.9	17.5°	6990.5	7010.8	7133.8	7256.8	7322.3	7387.4	7318.9	7250.6	7069.8	6888.9
6670.8	20°	6766.8	6862.7	7076.3	7290.1	7426.9	7563.8	7532.2	7500.3	7293.5	7087.0
6331.4	22.5°	6473.4	6615.3	6859.0	7103.3	7281.4	7459.4	7478.6	7497.5	7300.0	7102.5
6002.2	25°	6165.8	6329.5	6548.7	6768.2	6943.4	7118.6	7184.0	7249.2	7087.3	6925.6
5714.4	27.5°	5872.4	6030.4	6210.7	6390.7	6531.2	6671.7	6744.5	6817.5	6702.2	6587.1
5461.4	30°	5586.6	5712.5	5862.0	6011.5	6128.0	6244.8	6304.1	6363.3	6275.6	6187.6
5239.6	32.5°	5313.8	5388.0	5507.4	5627.0	5738.7	5850.7	5916.4	5982.5	5901.8	5820.8
5030.3	35°	5050.6	5071.2	5162.3	5253.2	5363.8	5474.6	5553.6	5632.6	5575.1	5517.8
4810.8	37.5°	4788.2	4765.7	4831.1	4896.3	5006.6	5117.2	5214.8	5312.4	5285.9	5259.4
4570.4	40°	4519.4	4468.3	4515.4	4562.5	4669.2	4775.8	4888.1	5000.7	5007.2	5013.4
4315.1	42.5°	4247.4	4179.7	4218.0	4256.7	4357.7	4459.0	4580.3	4701.6	4734.1	4766.5
4061.2	45°	3995.2	3929.4	3961.6	3994.3	4090.2	4186.2	4312.0	4437.8	4484.4	4530.9
3834.6	47.5°	3779.3	3724.0	3754.5	3784.7	3878.7	3972.3	4096.5	4220.6	4274.2	4327.8
3635.2	50°	3586.1	3537.3	3584.7	3632.4	3720.9	3809.2	3920.4	4031.6	4100.4	4169.2
3486.5	52.5°	3438.0	3389.7	3461.1	3532.2	3613.5	3694.4	3798.0	3901.8	3983.3	4064.9
3407.5	55°	3330.8	3254.3	3355.6	3456.6	3544.1	3631.5	3722.4	3812.9	3899.2	3985.9
3360.1	57.5°	3248.4	3136.7	3245.6	3354.5	3457.2	3559.9	3649.6	3739.6	3826.7	3913.6
3315.5	60°	3170.8	3025.8	3121.4	3216.8	3334.7	3452.6	3543.8	3635.2	3722.6	3810.1
3263.6	62.5°	3082.5	2901.7	2962.3	3023.0	3160.4	3298.0	3395.4	3492.7	3572.8	3653.0
3154.2	65°	2961.7	2769.1	2792.5	2815.6	2962.9	3110.4	3203.5	3296.6	3367.2	3437.7
2958.9	67.5°	2798.7	2638.4	2631.1	2623.8	2759.7	2896.0	2984.3	3072.3	3133.3	3194.2
2711.2	70°	2597.2	2483.3	2457.9	2432.5	2552.1	2671.7	2747.9	2824.1	2879.1	2934.1
2435.3	72.5°	2357.2	2279.0	2241.8	2204.8	2299.0	2393.0	2461.8	2530.7	2584.5	2638.4
2122.1	75°	2062.1	2001.7	1966.1	1930.3	2000.3	2070.2	2132.6	2194.9	2244.0	2293.1
1808.4	77.5°	1760.2	1711.9	1675.8	1639.7	1696.7	1753.4	1807.0	1860.6	1912.2	1963.6
1450.7	80°	1410.3	1369.7	1339.5	1309.1	1356.5	1403.6	1448.7	1493.9	1533.1	1572.0
1067.0	82.5°	1047.2	1027.5	1006.1	984.6	980.7	976.7	960.9	945.1	1028.6	1112.1
702.5	85°	681.3	660.2	636.2	612.2	591.9	571.3	527.6	483.8	562.0	640.4
310.3	87.5°	301.9	293.4	288.9	284.4	283.5	282.7	249.4	215.8	248.6	281.6
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°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
6806.3	2.5°	6779.5	6758.6	6737.7	6718.5	6699.1	6675.1	6699.1	6718.5	6737.7	6758.6
6404.0	5°	6367.0	6340.8	6314.5	6294.5	6274.5	6254.7	6274.5	6294.5	6314.5	6340.8
6162.7	7.5°	6118.7	6088.5	6058.6	6040.6	6022.8	6009.3	6022.8	6040.6	6058.6	6088.5
6093.3	10°	6043.7	6015.2	5986.7	5971.5	5956.2	5950.0	5956.2	5971.5	5986.7	6015.2
6218.0	12.5°	6154.6	6122.7	6091.1	6078.1	6065.1	6062.9	6065.1	6078.1	6091.1	6122.7
6480.4	15°	6383.9	6339.6	6295.6	6278.7	6261.8	6260.3	6261.8	6278.7	6295.6	6339.6
6746.7	17.5°	6604.5	6539.1	6473.4	6451.9	6430.2	6426.8	6430.2	6451.9	6473.4	6539.1
6912.6	20°	6738.6	6654.8	6570.7	6543.9	6517.1	6508.6	6517.1	6543.9	6570.7	6654.8
6923.1	22.5°	6743.3	6655.0	6566.5	6536.8	6507.2	6494.5	6507.2	6536.8	6566.5	6655.0
6765.9	25°	6606.8	6530.1	6453.6	6425.7	6398.0	6381.7	6398.0	6425.7	6453.6	6530.1
6463.2	27.5°	6339.3	6288.0	6236.4	6223.7	6211.0	6206.7	6211.0	6223.7	6236.4	6288.0
6099.0	30°	6009.8	5983.6	5957.1	5957.1	5957.1	5961.3	5957.1	5957.1	5957.1	5983.6
5750.0	32.5°	5679.2	5662.0	5644.8	5647.0	5649.5	5653.8	5649.5	5647.0	5644.8	5662.0
5452.3	35°	5387.2	5360.9	5335.0	5329.3	5323.7	5320.9	5323.7	5329.3	5335.0	5360.9
5199.3	37.5°	5138.9	5091.2	5043.8	5018.7	4993.6	4979.5	4993.6	5018.7	5043.8	5091.2
4962.3	40°	4911.2	4841.8	4773.0	4726.2	4679.9	4652.2	4679.9	4726.2	4773.0	4841.8
4723.3	42.5°	4680.5	4594.4	4508.4	4440.4	4372.4	4327.8	4372.4	4440.4	4508.4	4594.4
4492.0	45°	4453.3	4354.9	4256.7	4176.9	4097.0	4045.7	4097.0	4176.9	4256.7	4354.9
4300.7	47.5°	4273.6	4186.2	4098.7	4024.8	3951.2	3901.8	3951.2	4024.8	4098.7	4186.2
4167.5	50°	4166.4	4096.5	4026.5	3958.2	3889.9	3842.5	3889.9	3958.2	4026.5	4096.5
4079.5	52.5°	4094.2	4037.2	3980.2	3919.0	3858.1	3814.3	3858.1	3919.0	3980.2	4037.2
4006.2	55°	4026.5	3976.8	3927.2	3873.6	3820.0	3780.5	3820.0	3873.6	3927.2	3976.8
3934.2	57.5°	3954.8	3904.6	3854.4	3801.3	3748.0	3707.1	3748.0	3801.3	3854.4	3904.6
3832.7	60°	3855.2	3806.1	3757.3	3702.6	3647.9	3605.6	3647.9	3702.6	3757.3	3806.1
3674.7	62.5°	3696.4	3652.1	3607.8	3550.3	3492.7	3441.9	3492.7	3550.3	3607.8	3652.1
3460.0	65°	3482.0	3439.4	3396.8	3340.9	3285.3	3241.6	3285.3	3340.9	3396.8	3439.4
3215.9	67.5°	3237.4	3198.2	3159.2	3107.3	3055.4	3015.9	3055.4	3107.3	3159.2	3198.2
2955.0	70°	2975.9	2944.0	2912.1	2862.4	2812.8	2767.6	2812.8	2862.4	2912.1	2944.0
2663.3	72.5°	2688.1	2661.6	2635.0	2587.6	2540.5	2496.8	2540.5	2587.6	2635.0	2661.6
2319.1	75°	2345.0	2332.0	2319.1	2279.3	2239.5	2197.8	2239.5	2279.3	2319.1	2332.0
1987.9	77.5°	2012.1	1994.1	1975.4	1935.4	1895.3	1862.0	1895.3	1935.4	1975.4	1994.1
1604.2	80°	1636.3	1628.4	1620.8	1566.9	1512.8	1450.1	1512.8	1566.9	1620.8	1628.4
1166.9	82.5°	1221.6	1218.2	1214.5	1169.1	1123.4	1083.4	1123.4	1169.1	1214.5	1218.2
708.1	85°	775.8	770.2	764.6	729.0	693.5	657.4	693.5	729.0	764.6	770.2
308.9	87.5°	336.3	329.5	322.2	304.1	285.5	268.0	285.5	304.1	322.2	329.5
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°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
6779.5	2.5°	6806.3	6833.1	6866.4	6899.4	6942.0	6984.8	7027.4	7070.0	7118.6	7167.4
6367.0	5°	6404.0	6440.9	6493.9	6546.7	6615.5	6684.1	6759.7	6835.3	6920.8	7006.6
6118.7	7.5°	6162.7	6206.7	6269.4	6332.3	6416.1	6500.2	6595.5	6690.6	6803.4	6916.3
6043.7	10°	6093.3	6142.4	6217.7	6292.8	6387.3	6481.8	6584.5	6686.9	6799.8	6912.6
6154.6	12.5°	6218.0	6281.5	6377.4	6473.4	6571.0	6668.9	6749.0	6829.7	6904.2	6979.2
6383.9	15°	6480.4	6576.9	6713.4	6850.0	6934.9	7019.8	7040.7	7061.6	7051.4	7041.3
6604.5	17.5°	6746.7	6888.9	7069.8	7250.6	7318.9	7387.4	7322.3	7256.8	7133.8	7010.8
6738.6	20°	6912.6	7087.0	7293.5	7500.3	7532.2	7563.8	7426.9	7290.1	7076.3	6862.7
6743.3	22.5°	6923.1	7102.5	7300.0	7497.5	7478.6	7459.4	7281.4	7103.3	6859.0	6615.3
6606.8	25°	6765.9	6925.6	7087.3	7249.2	7184.0	7118.6	6943.4	6768.2	6548.7	6329.5
6339.3	27.5°	6463.2	6587.1	6702.2	6817.5	6744.5	6671.7	6531.2	6390.7	6210.7	6030.4
6009.8	30°	6099.0	6187.6	6275.6	6363.3	6304.1	6244.8	6128.0	6011.5	5862.0	5712.5
5679.2	32.5°	5750.0	5820.8	5901.8	5982.5	5916.4	5850.7	5738.7	5627.0	5507.4	5388.0
5387.2	35°	5452.3	5517.8	5575.1	5632.6	5553.6	5474.6	5363.8	5253.2	5162.3	5071.2
5138.9	37.5°	5199.3	5259.4	5285.9	5312.4	5214.8	5117.2	5006.6	4896.3	4831.1	4765.7
4911.2	40°	4962.3	5013.4	5007.2	5000.7	4888.1	4775.8	4669.2	4562.5	4515.4	4468.3
4680.5	42.5°	4723.3	4766.5	4734.1	4701.6	4580.3	4459.0	4357.7	4256.7	4218.0	4179.7
4453.3	45°	4492.0	4530.9	4484.4	4437.8	4312.0	4186.2	4090.2	3994.3	3961.6	3929.4
4273.6	47.5°	4300.7	4327.8	4274.2	4220.6	4096.5	3972.3	3878.7	3784.7	3754.5	3724.0
4166.4	50°	4167.5	4169.2	4100.4	4031.6	3920.4	3809.2	3720.9	3632.4	3584.7	3537.3
4094.2	52.5°	4079.5	4064.9	3983.3	3901.8	3798.0	3694.4	3613.5	3532.2	3461.1	3389.7
4026.5	55°	4006.2	3985.9	3899.2	3812.9	3722.4	3631.5	3544.1	3456.6	3355.6	3254.3
3954.8	57.5°	3934.2	3913.6	3826.7	3739.6	3649.6	3559.9	3457.2	3354.5	3245.6	3136.7
3855.2	60°	3832.7	3810.1	3722.6	3635.2	3543.8	3452.6	3334.7	3216.8	3121.4	3025.8
3696.4	62.5°	3674.7	3653.0	3572.8	3492.7	3395.4	3298.0	3160.4	3023.0	2962.3	2901.7
3482.0	65°	3460.0	3437.7	3367.2	3296.6	3203.5	3110.4	2962.9	2815.6	2792.5	2769.1
3237.4	67.5°	3215.9	3194.2	3133.3	3072.3	2984.3	2896.0	2759.7	2623.8	2631.1	2638.4
2975.9	70°	2955.0	2934.1	2879.1	2824.1	2747.9	2671.7	2552.1	2432.5	2457.9	2483.3
2688.1	72.5°	2663.3	2638.4	2584.5	2530.7	2461.8	2393.0	2299.0	2204.8	2241.8	2279.0
2345.0	75°	2319.1	2293.1	2244.0	2194.9	2132.6	2070.2	2000.3	1930.3	1966.1	2001.7
2012.1	77.5°	1987.9	1963.6	1912.2	1860.6	1807.0	1753.4	1696.7	1639.7	1675.8	1711.9
1636.3	80°	1604.2	1572.0	1533.1	1493.9	1448.7	1403.6	1356.5	1309.1	1339.5	1369.7
1221.6	82.5°	1166.9	1112.1	1028.6	945.1	960.9	976.7	980.7	984.6	1006.1	1027.5
775.8	85°	708.1	640.4	562.0	483.8	527.6	571.3	591.9	612.2	636.2	660.2
336.3	87.5°	308.9	281.6	248.6	215.8	249.4	282.7	283.5	284.4	288.9	293.4
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°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
7221.3	2.5°	7275.4	7342.3	7402.4	7464.5	7526.5	7591.4	7656.3	7720.6	7785.2	7845.9
7109.0	5°	7211.1	7328.2	7446.7	7572.2	7697.8	7832.1	7966.6	8100.1	8233.8	8367.8
7052.0	7.5°	7188.0	7339.5	7501.1	7676.3	7851.5	8050.4	8249.3	8453.6	8657.8	8878.8
7055.9	10°	7199.3	7362.0	7561.5	7769.2	7976.2	8218.0	8459.5	8729.2	8999.2	9278.8
7096.0	12.5°	7213.4	7364.9	7574.5	7808.9	8043.4	8328.3	8613.3	8919.1	9224.9	9531.9
7097.1	15°	7153.3	7274.6	7506.8	7778.2	8049.6	8377.7	8705.8	9037.6	9369.4	9689.6
6990.5	17.5°	6969.9	7044.7	7317.8	7644.2	7970.6	8351.5	8732.3	9094.3	9456.3	9781.0
6766.8	20°	6670.8	6690.6	7008.5	7413.1	7817.7	8279.2	8740.8	9138.6	9536.4	9874.1
6473.4	22.5°	6331.4	6292.8	6654.8	7142.0	7629.2	8190.6	8752.1	9198.4	9644.4	9989.5
6165.8	25°	6002.2	5897.8	6268.8	6839.3	7410.0	8103.2	8796.7	9306.7	9816.5	10154.2
5872.4	27.5°	5714.4	5587.5	5925.2	6562.5	7199.8	8044.8	8889.8	9476.0	10062.0	10384.5
5586.6	30°	5461.4	5361.8	5645.3	6331.2	7017.0	8017.4	9017.3	9695.2	10373.2	10684.3
5313.8	32.5°	5239.6	5195.3	5423.8	6131.7	6839.3	7983.6	9127.3	9924.0	10720.7	11028.8
5050.6	35°	5030.3	5048.6	5239.1	5935.6	6632.2	7919.8	9208.0	10184.7	11161.4	11456.8
4788.2	37.5°	4810.8	4877.9	5044.4	5704.8	6365.3	7810.6	9256.0	10476.7	11697.5	12073.8
4519.4	40°	4570.4	4673.4	4824.3	5429.5	6034.7	7660.3	9286.1	10847.4	12408.4	12956.9
4247.4	42.5°	4315.1	4444.9	4584.0	5125.6	5667.3	7505.1	9343.4	11332.4	13321.4	14113.0
3995.2	45°	4061.2	4186.7	4327.8	4802.9	5278.0	7360.9	9444.1	11970.6	14497.0	15564.8
3779.3	47.5°	3834.6	3942.7	4124.7	4547.6	4970.5	7241.9	9513.2	12650.5	15787.7	17290.9
3586.1	50°	3635.2	3760.7	4000.0	4378.0	4756.1	7112.1	9468.1	13281.3	17094.5	19360.5
3438.0	52.5°	3486.5	3662.0	3937.1	4266.3	4595.8	6892.9	9190.2	13691.0	18191.4	21534.6
3330.8	55°	3407.5	3671.9	3927.7	4185.3	4442.9	6529.5	8616.1	13600.7	18585.0	23462.1
3248.4	57.5°	3360.1	3681.7	3907.4	4089.4	4271.4	6017.2	7762.7	12965.3	18168.3	24828.1
3170.8	60°	3315.5	3650.7	3799.7	3942.7	4085.7	5351.9	6618.1	11782.9	16947.8	25169.5
3082.5	62.5°	3263.6	3574.5	3592.9	3687.7	3782.7	4555.8	5328.8	10184.1	15039.5	23732.1
2961.7	65°	3154.2	3391.1	3388.9	3433.7	3478.6	3839.4	4200.3	8552.9	12905.8	21698.2
2798.7	67.5°	2958.9	3092.1	3098.3	3073.5	3048.4	3151.1	3253.5	6954.9	10656.4	19277.9
2597.2	70°	2711.2	2754.9	2754.9	2639.0	2522.8	2493.7	2464.4	5476.0	8487.7	16636.9
2357.2	72.5°	2435.3	2434.7	2407.1	2242.6	2077.8	1989.3	1901.0	4186.5	6471.9	13773.9
2062.1	75°	2122.1	2132.9	2005.3	1820.8	1636.3	1556.2	1476.1	3038.5	4600.9	10491.9
1760.2	77.5°	1808.4	1814.1	1603.9	1424.7	1245.6	1190.8	1136.4	2058.9	2981.5	7343.4
1410.3	80°	1450.7	1451.5	1200.4	1048.9	897.2	874.6	852.0	1326.6	1801.4	4731.2
1047.2	82.5°	1067.0	1055.1	840.7	729.0	617.3	612.8	608.8	815.9	1023.5	2738.3
681.3	85°	702.5	687.0	527.6	445.8	363.9	366.2	368.2	436.2	504.4	1231.8
301.9	87.5°	310.3	290.6	224.3	190.7	157.4	159.4	161.4	180.8	200.3	403.4
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°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
7906.5	2.5°	7936.5	7966.6	8009.2	8051.8	8077.2	8102.6	8115.3	8128.0	8122.4	8128.0
8501.8	5°	8606.5	8711.5	8815.3	8919.4	8975.8	9032.2	9066.4	9100.8	9126.7	9100.8
9099.9	7.5°	9270.3	9440.5	9593.7	9746.8	9839.1	9931.4	9981.3	10030.9	10054.9	10030.9
9558.4	10°	9759.8	9961.3	10141.0	10320.7	10429.6	10537.9	10586.5	10634.7	10653.0	10634.7
9839.1	12.5°	10057.5	10275.6	10438.1	10600.0	10679.0	10758.0	10784.5	10811.0	10813.8	10811.0
10009.8	15°	10198.2	10386.4	10488.3	10590.4	10593.2	10596.0	10567.8	10539.6	10506.3	10539.6
10105.7	17.5°	10232.9	10360.2	10362.2	10363.9	10249.6	10135.3	10030.7	9925.7	9851.8	9925.7
10211.5	20°	10255.8	10300.4	10166.4	10032.4	9780.1	9527.9	9344.3	9160.6	9047.7	9160.6
10334.2	22.5°	10276.1	10218.0	9940.4	9662.8	9291.8	8920.8	8691.1	8461.5	8336.8	8461.5
10492.2	25°	10308.8	10125.5	9704.0	9282.5	8831.9	8381.4	8139.9	7898.9	7781.0	7898.9
10706.6	27.5°	10378.8	10050.7	9492.4	8934.3	8435.0	7935.6	7698.1	7460.8	7349.4	7460.8
10995.8	30°	10506.9	10018.3	9331.0	8643.7	8123.5	7603.3	7382.9	7162.6	7058.8	7162.6
11337.2	32.5°	10667.7	9998.5	9221.0	8443.4	7954.5	7465.6	7292.6	7119.4	7044.7	7119.4
11751.9	35°	10932.6	10113.6	9303.3	8493.4	8153.7	7814.3	7773.9	7733.6	7727.4	7733.6
12450.2	37.5°	11486.4	10522.7	9786.3	9050.0	9028.0	9006.0	9190.5	9375.0	9470.9	9375.0
13505.3	40°	12457.2	11409.1	10861.5	10313.9	10700.4	11086.9	11535.5	11984.1	12207.5	11984.1
14904.7	42.5°	13864.7	12824.8	12509.4	12194.0	13037.0	13880.0	14695.9	15511.8	15990.8	15511.8
16632.7	45°	15698.6	14764.2	14625.1	14485.7	15836.2	17187.0	18527.7	19868.6	20682.6	19868.6
18793.7	47.5°	17885.0	16976.0	16947.8	16919.6	18867.9	20815.7	22778.5	24740.9	25893.4	24740.9
21626.3	50°	20503.7	19381.4	19386.2	19391.0	21901.9	24412.8	27003.6	29594.3	31160.7	29594.3
24877.8	52.5°	23518.5	22159.5	22022.1	21884.4	24883.7	27883.0	31088.5	34293.7	36171.2	34293.7
28339.4	55°	26996.5	25653.6	25117.9	24582.1	27920.2	31258.0	35079.4	38900.8	41133.8	38900.8
31488.0	57.5°	30756.7	30025.1	28950.5	27876.2	31246.7	34617.3	38945.6	43273.7	46042.8	43273.7
33390.9	60°	34526.7	35662.8	34328.4	32993.9	36183.6	39373.3	44007.5	48641.7	51634.5	48641.7
32424.6	62.5°	35528.3	38631.9	38481.5	38330.9	41252.9	44175.1	48584.2	52992.9	55759.2	52992.9
30490.6	65°	33403.6	36316.5	36892.9	37469.0	41182.3	44895.9	49171.3	53446.3	55801.5	53446.3
27899.3	67.5°	30669.8	33440.3	33710.5	33980.5	37849.6	41718.4	46012.0	50305.7	52150.8	50305.7
24786.1	70°	27799.5	30813.1	30933.9	31054.9	34514.9	37974.6	41669.6	45364.3	46389.8	45364.3
21076.1	72.5°	24534.1	27992.4	28079.3	28165.9	30872.9	33579.9	36347.3	39114.4	39218.2	39114.4
16383.0	75°	19962.0	23541.1	23862.4	24183.7	26289.8	28395.9	30343.9	32292.0	31770.1	32292.0
11705.4	77.5°	15046.3	18387.5	18847.3	19307.2	20908.3	22509.3	23890.9	25272.7	24375.6	25272.7
7661.1	80°	10471.9	13282.4	13854.0	14425.6	15634.8	16843.4	17569.0	18294.4	16851.3	18294.4
4453.3	82.5°	6374.9	8296.7	8935.2	9573.9	10406.2	11238.4	11541.2	11843.6	10709.5	11843.6
1959.4	85°	2979.2	3999.1	4542.2	5085.3	5769.2	6452.8	6624.6	6796.4	5887.9	6796.4
606.6	87.5°	949.4	1292.1	1595.1	1898.1	2240.1	2582.0	2596.7	2611.1	2192.1	2611.1
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):

325°		330°	335°	340°	345°	350°	355°	360°
7352.2	0°	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2	7352.2
8115.3	2.5°	8102.6	8077.2	8051.8	8009.2	7966.6	7936.5	7906.5
9066.4	5°	9032.2	8975.8	8919.4	8815.3	8711.5	8606.5	8501.8
9981.3	7.5°	9931.4	9839.1	9746.8	9593.7	9440.5	9270.3	9099.9
10586.5	10°	10537.9	10429.6	10320.7	10141.0	9961.3	9759.8	9558.4
10784.5	12.5°	10758.0	10679.0	10600.0	10438.1	10275.6	10057.5	9839.1
10567.8	15°	10596.0	10593.2	10590.4	10488.3	10386.4	10198.2	10009.8
10030.7	17.5°	10135.3	10249.6	10363.9	10362.2	10360.2	10232.9	10105.7
9344.3	20°	9527.9	9780.1	10032.4	10166.4	10300.4	10255.8	10211.5
8691.1	22.5°	8920.8	9291.8	9662.8	9940.4	10218.0	10276.1	10334.2
8139.9	25°	8381.4	8831.9	9282.5	9704.0	10125.5	10308.8	10492.2
7698.1	27.5°	7935.6	8435.0	8934.3	9492.4	10050.7	10378.8	10706.6
7382.9	30°	7603.3	8123.5	8643.7	9331.0	10018.3	10506.9	10995.8
7292.6	32.5°	7465.6	7954.5	8443.4	9221.0	9998.5	10667.7	11337.2
7773.9	35°	7814.3	8153.7	8493.4	9303.3	10113.6	10932.6	11751.9
9190.5	37.5°	9006.0	9028.0	9050.0	9786.3	10522.7	11486.4	12450.2
11535.5	40°	11086.9	10700.4	10313.9	10861.5	11409.1	12457.2	13505.3
14695.9	42.5°	13880.0	13037.0	12194.0	12509.4	12824.8	13864.7	14904.7
18527.7	45°	17187.0	15836.2	14485.7	14625.1	14764.2	15698.6	16632.7
22778.5	47.5°	20815.7	18867.9	16919.6	16947.8	16976.0	17885.0	18793.7
27003.6	50°	24412.8	21901.9	19391.0	19386.2	19381.4	20503.7	21626.3
31088.5	52.5°	27883.0	24883.7	21884.4	22022.1	22159.5	23518.5	24877.8
35079.4	55°	31258.0	27920.2	24582.1	25117.9	25653.6	26996.5	28339.4
38945.6	57.5°	34617.3	31246.7	27876.2	28950.5	30025.1	30756.7	31488.0
44007.5	60°	39373.3	36183.6	32993.9	34328.4	35662.8	34526.7	33390.9
48584.2	62.5°	44175.1	41252.9	38330.9	38481.5	38631.9	35528.3	32424.6
49171.3	65°	44895.9	41182.3	37469.0	36892.9	36316.5	33403.6	30490.6
46012.0	67.5°	41718.4	37849.6	33980.5	33710.5	33440.3	30669.8	27899.3
41669.6	70°	37974.6	34514.9	31054.9	30933.9	30813.1	27799.5	24786.1
36347.3	72.5°	33579.9	30872.9	28165.9	28079.3	27992.4	24534.1	21076.1
30343.9	75°	28395.9	26289.8	24183.7	23862.4	23541.1	19962.0	16383.0
23890.9	77.5°	22509.3	20908.3	19307.2	18847.3	18387.5	15046.3	11705.4
17569.0	80°	16843.4	15634.8	14425.6	13854.0	13282.4	10471.9	7661.1
11541.2	82.5°	11238.4	10406.2	9573.9	8935.2	8296.7	6374.9	4453.3
6624.6	85°	6452.8	5769.2	5085.3	4542.2	3999.1	2979.2	1959.4
2596.7	87.5°	2582.0	2240.1	1898.1	1595.1	1292.1	949.4	606.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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