

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: P953030

Luminaire Tested: **GALN-SB6C-950-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953030
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-950-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31479 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

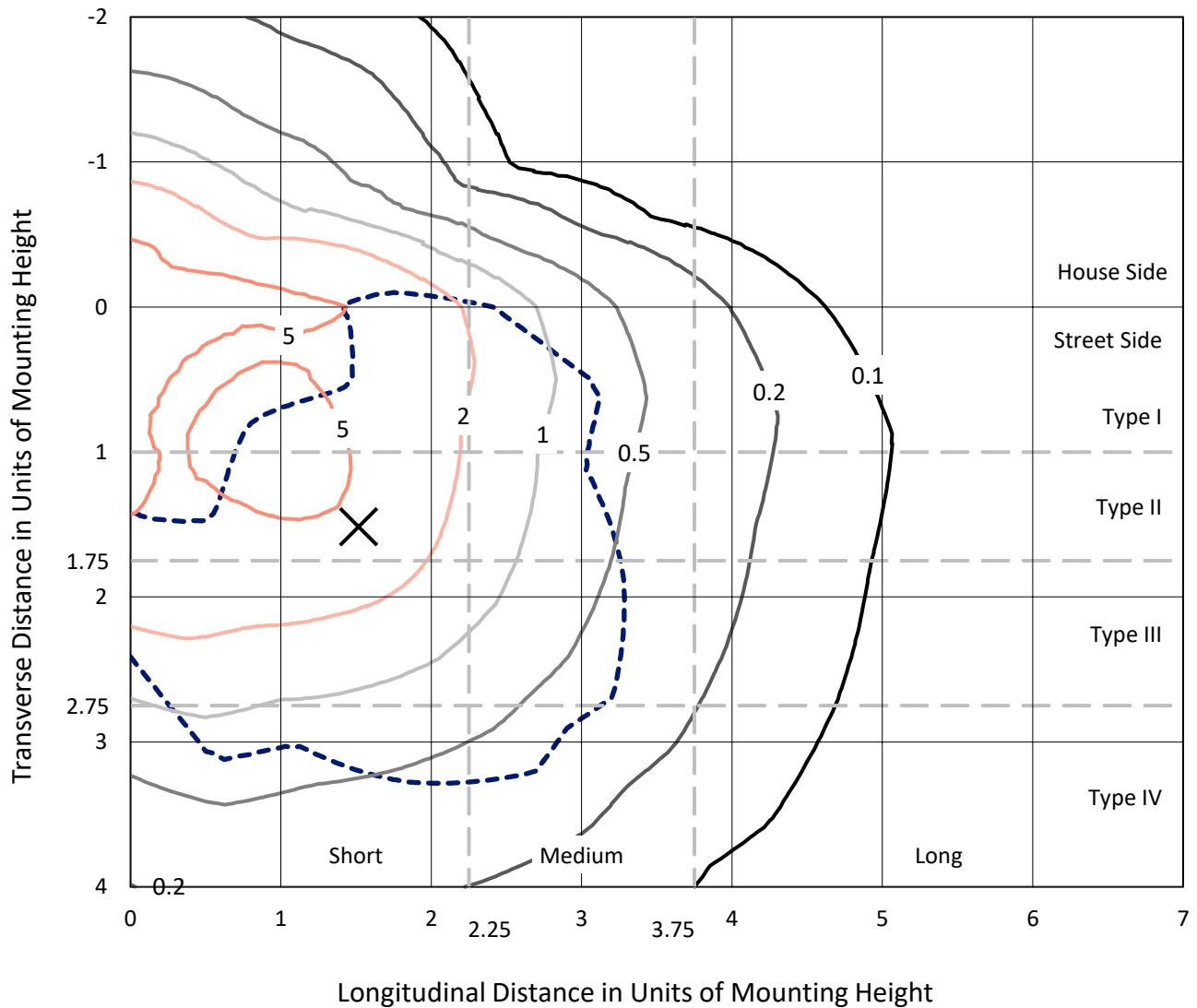
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

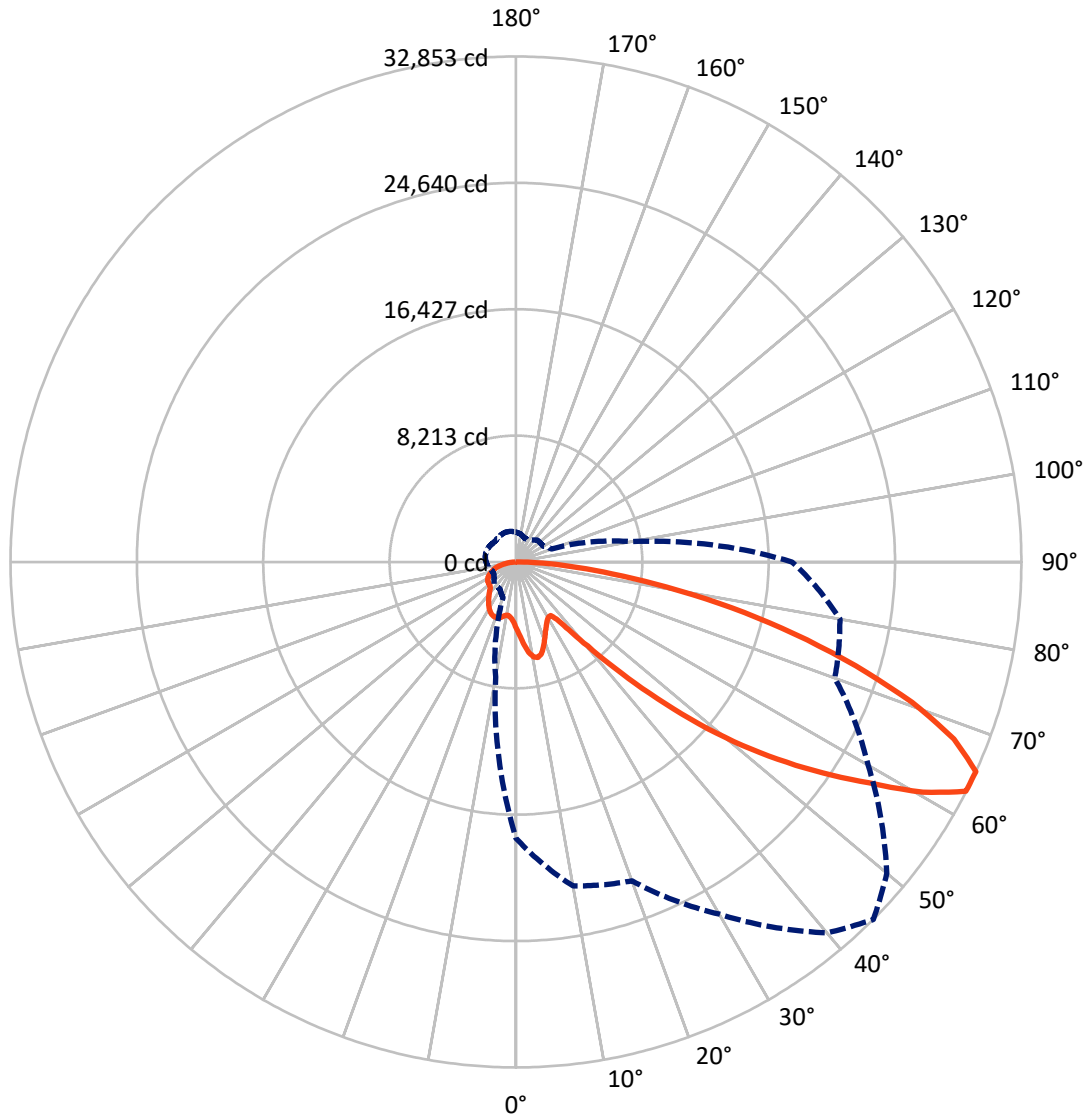
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8000.4	0.0	8000.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	23478.6	0.0	23478.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	31479.0	0.0	31479.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	429.4	1.4
10°-20°	1348.0	4.3
20°-30°	2082.1	6.6
30°-40°	2638.6	8.4
40°-50°	3979.7	12.6
50°-60°	6429.7	20.4
60°-70°	8015.7	25.5
70°-80°	5256.3	16.7
80°-90°	1299.5	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	31479.0	100.0
0°-180°	31479.0	100.0



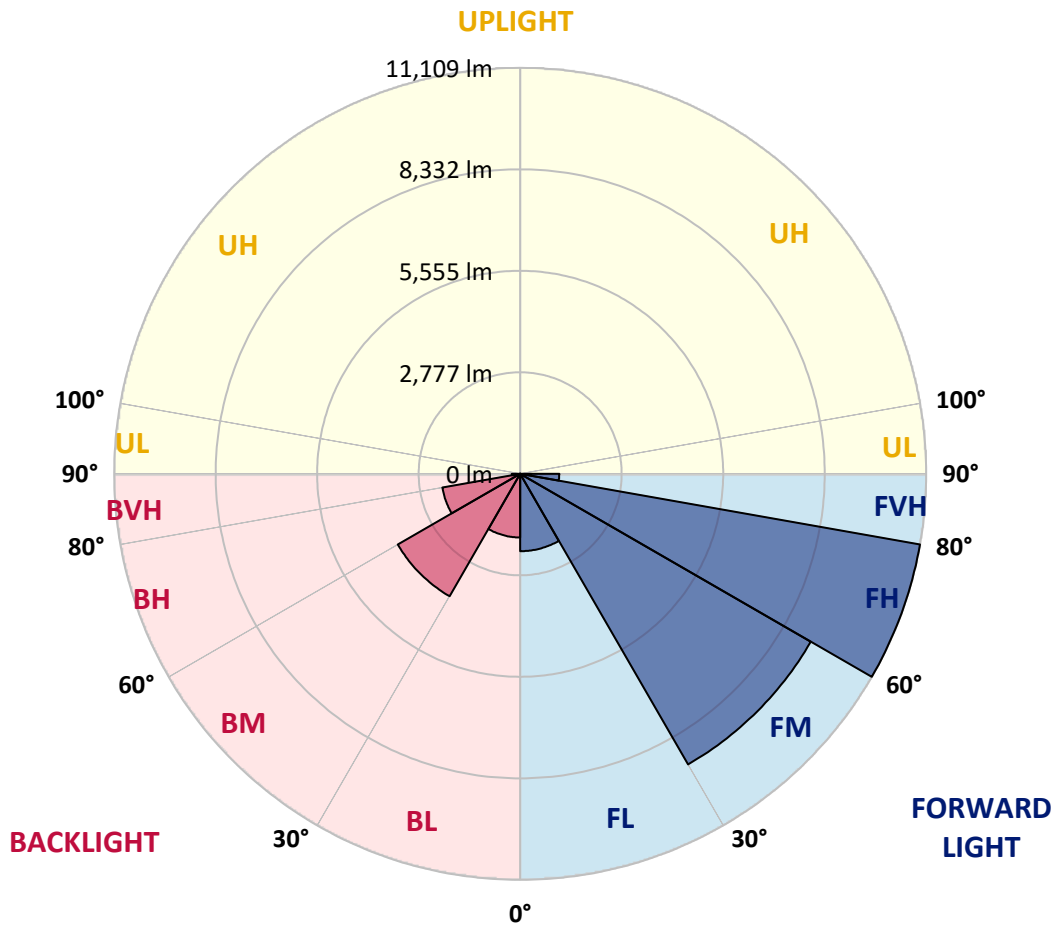
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2117.3	6.7			
FM (30°-60°)	9181.7	29.2			
FH (60°-80°)	11109.1	35.3			G4/12000
FVH (80°-90°)	1070.5	3.4			G5
BL (0°-30°)	1742.2	5.5	B3/2500		
BM (30°-60°)	3866.3	12.3	B3/5000		
BH (60°-80°)	2162.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	229.0	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°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
2.5°	4655.0	4672.6	4690.4	4715.5	4740.6	4755.5	4770.5	4777.9	4785.4	4782.1
5°	5005.5	5067.1	5128.9	5190.0	5251.3	5284.6	5317.8	5337.9	5358.1	5373.4
7.5°	5357.6	5458.0	5558.1	5648.3	5738.5	5792.8	5847.1	5876.5	5905.8	5919.9
10°	5627.6	5746.2	5864.8	5970.6	6076.4	6140.5	6204.3	6232.8	6261.2	6272.0
12.5°	5792.8	5921.4	6049.8	6145.5	6240.8	6287.3	6333.8	6349.4	6365.1	6366.7
15°	5893.3	6004.3	6115.1	6175.0	6235.2	6236.8	6238.5	6221.9	6205.3	6185.7
17.5°	5949.8	6024.7	6099.6	6100.8	6101.8	6034.5	5967.2	5905.6	5843.8	5800.3
20°	6012.1	6038.2	6064.4	5985.5	5906.6	5758.1	5609.6	5501.5	5393.4	5326.9
22.5°	6084.3	6050.1	6015.9	5852.5	5689.0	5470.6	5252.2	5117.0	4981.7	4908.3
25°	6177.4	6069.4	5961.4	5713.3	5465.1	5199.8	4934.6	4792.4	4650.5	4581.1
27.5°	6303.6	6110.6	5917.4	5588.7	5260.1	4966.1	4672.1	4532.3	4392.6	4327.0
30°	6473.8	6186.0	5898.3	5493.7	5089.1	4782.8	4476.5	4346.7	4217.0	4155.9
32.5°	6674.8	6280.7	5886.7	5428.9	4971.1	4683.3	4395.4	4293.6	4191.6	4147.6
35°	6919.0	6436.6	5954.4	5477.4	5000.5	4800.5	4600.7	4577.0	4553.2	4549.6
37.5°	7330.1	6762.7	6195.3	5761.8	5328.2	5315.3	5302.3	5411.0	5519.6	5576.1
40°	7951.3	7334.3	6717.2	6394.8	6072.4	6299.9	6527.5	6791.6	7055.7	7187.3
42.5°	8775.2	8162.9	7550.7	7365.0	7179.3	7675.6	8171.9	8652.3	9132.7	9414.7
45°	9792.6	9242.6	8692.5	8610.6	8528.5	9323.7	10119.0	10908.3	11697.8	12177.0
47.5°	11064.9	10529.9	9994.7	9978.1	9961.5	11108.6	12255.4	13411.0	14566.4	15244.9
50°	12732.6	12071.7	11410.9	11413.7	11416.6	12894.9	14373.2	15898.5	17423.8	18346.0
52.5°	14646.9	13846.6	13046.5	12965.6	12884.6	14650.4	16416.3	18303.5	20190.6	21296.0
55°	16685.0	15894.4	15103.7	14788.3	14472.9	16438.2	18403.3	20653.2	22903.1	24217.8
57.5°	18538.7	18108.2	17677.5	17044.8	16412.3	18396.7	20381.1	22929.5	25477.6	27107.9
60°	19659.1	20327.8	20996.7	20211.0	19425.4	21303.3	23181.3	25909.7	28638.1	30400.1
62.5°	19090.2	20917.5	22744.8	22656.2	22567.5	24287.9	26008.3	28604.2	31199.9	32828.5
65°	17951.5	19666.5	21381.6	21720.9	22060.1	24246.3	26432.7	28949.9	31466.8	32853.4
67.5°	16425.9	18057.0	19688.1	19847.3	20006.2	22284.2	24561.9	27089.8	29617.8	30704.1
70°	14592.9	16367.1	18141.4	18212.5	18283.7	20320.8	22357.7	24533.2	26708.5	27312.2
72.5°	12408.7	14444.6	16480.7	16531.9	16582.9	18176.6	19770.4	21399.7	23028.8	23089.9
75°	9645.6	11752.8	13859.9	14049.1	14238.3	15478.3	16718.2	17865.2	19012.1	18704.8
77.5°	6891.6	8858.6	10825.7	11096.5	11367.2	12309.9	13252.5	14065.9	14879.5	14351.3
80°	4510.5	6165.4	7820.1	8156.6	8493.2	9205.1	9916.7	10343.9	10770.9	9921.3
82.5°	2621.9	3753.3	4884.7	5260.6	5636.7	6126.7	6616.7	6794.9	6973.0	6305.3
85°	1153.6	1754.0	2354.5	2674.3	2994.0	3396.6	3799.1	3900.3	4001.4	3466.6
87.5°	357.1	558.9	760.7	939.1	1117.5	1318.9	1520.2	1528.8	1537.3	1290.6
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°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4785.4	2.5°	4777.9	4770.5	4755.5	4740.6	4715.5	4690.4	4672.6	4655.0	4619.3	4583.6
5358.1	5°	5337.9	5317.8	5284.6	5251.3	5190.0	5128.9	5067.1	5005.5	4926.6	4847.7
5905.8	7.5°	5876.5	5847.1	5792.8	5738.5	5648.3	5558.1	5458.0	5357.6	5227.4	5097.4
6261.2	10°	6232.8	6204.3	6140.5	6076.4	5970.6	5864.8	5746.2	5627.6	5462.9	5298.3
6365.1	12.5°	6349.4	6333.8	6287.3	6240.8	6145.5	6049.8	5921.4	5792.8	5611.9	5431.2
6205.3	15°	6221.9	6238.5	6236.8	6235.2	6175.0	6115.1	6004.3	5893.3	5704.8	5516.3
5843.8	17.5°	5905.6	5967.2	6034.5	6101.8	6100.8	6099.6	6024.7	5949.8	5758.6	5567.4
5393.4	20°	5501.5	5609.6	5758.1	5906.6	5985.5	6064.4	6038.2	6012.1	5813.4	5614.6
4981.7	22.5°	5117.0	5252.2	5470.6	5689.0	5852.5	6015.9	6050.1	6084.3	5881.4	5678.2
4650.5	25°	4792.4	4934.6	5199.8	5465.1	5713.3	5961.4	6069.4	6177.4	5978.4	5779.5
4392.6	27.5°	4532.3	4672.1	4966.1	5260.1	5588.7	5917.4	6110.6	6303.6	6113.9	5924.0
4217.0	30°	4346.7	4476.5	4782.8	5089.1	5493.7	5898.3	6186.0	6473.8	6290.5	6107.3
4191.6	32.5°	4293.6	4395.4	4683.3	4971.1	5428.9	5886.7	6280.7	6674.8	6493.3	6311.9
4553.2	35°	4577.0	4600.7	4800.5	5000.5	5477.4	5954.4	6436.6	6919.0	6745.3	6571.4
5519.6	37.5°	5411.0	5302.3	5315.3	5328.2	5761.8	6195.3	6762.7	7330.1	7108.5	6886.9
7055.7	40°	6791.6	6527.5	6299.9	6072.4	6394.8	6717.2	7334.3	7951.3	7628.4	7305.5
9132.7	42.5°	8652.3	8171.9	7675.6	7179.3	7365.0	7550.7	8162.9	8775.2	8309.1	7843.0
11697.8	45°	10908.3	10119.0	9323.7	8528.5	8610.6	8692.5	9242.6	9792.6	9163.9	8535.2
14566.4	47.5°	13411.0	12255.4	11108.6	9961.5	9978.1	9994.7	10529.9	11064.9	10180.1	9295.1
17423.8	50°	15898.5	14373.2	12894.9	11416.6	11413.7	11410.9	12071.7	12732.6	11398.6	10064.5
20190.6	52.5°	18303.5	16416.3	14650.4	12884.6	12965.6	13046.5	13846.6	14646.9	12678.6	10710.3
22903.1	55°	20653.2	18403.3	16438.2	14472.9	14788.3	15103.7	15894.4	16685.0	13813.4	10942.0
25477.6	57.5°	22929.5	20381.1	18396.7	16412.3	17044.8	17677.5	18108.2	18538.7	14617.7	10696.7
28638.1	60°	25909.7	23181.3	21303.3	19425.4	20211.0	20996.7	20327.8	19659.1	14818.7	9978.1
31199.9	62.5°	28604.2	26008.3	24287.9	22567.5	22656.2	22744.8	20917.5	19090.2	13972.4	8854.6
31466.8	65°	28949.9	26432.7	24246.3	22060.1	21720.9	21381.6	19666.5	17951.5	12775.0	7598.4
29617.8	67.5°	27089.8	24561.9	22284.2	20006.2	19847.3	19688.1	18057.0	16425.9	11350.0	6274.0
26708.5	70°	24533.2	22357.7	20320.8	18283.7	18212.5	18141.4	16367.1	14592.9	9795.1	4997.2
23028.8	72.5°	21399.7	19770.4	18176.6	16582.9	16531.9	16480.7	14444.6	12408.7	8109.5	3810.4
19012.1	75°	17865.2	16718.2	15478.3	14238.3	14049.1	13859.9	11752.8	9645.6	6177.2	2708.8
14879.5	77.5°	14065.9	13252.5	12309.9	11367.2	11096.5	10825.7	8858.6	6891.6	4323.5	1755.4
10770.9	80°	10343.9	9916.7	9205.1	8493.2	8156.6	7820.1	6165.4	4510.5	2785.5	1060.6
6973.0	82.5°	6794.9	6616.7	6126.7	5636.7	5260.6	4884.7	3753.3	2621.9	1612.2	602.6
4001.4	85°	3900.3	3799.1	3396.6	2994.0	2674.3	2354.5	1754.0	1153.6	725.2	297.0
1537.3	87.5°	1528.8	1520.2	1318.9	1117.5	939.1	760.7	558.9	357.1	237.5	117.9
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4545.6	2.5°	4507.7	4469.5	4431.3	4394.7	4358.2	4322.8	4283.5	4251.6	4219.8	4191.1
4769.0	5°	4690.4	4611.2	4532.1	4458.2	4384.3	4314.5	4245.6	4185.5	4125.2	4074.7
4977.1	7.5°	4856.8	4739.7	4622.6	4519.5	4416.3	4321.2	4232.0	4151.9	4072.0	4005.6
5139.4	10°	4980.6	4838.4	4696.1	4574.1	4451.9	4334.4	4238.6	4154.2	4069.8	4003.4
5251.2	12.5°	5071.1	4903.3	4735.6	4597.6	4459.5	4336.1	4246.9	4177.8	4109.0	4064.9
5320.9	15°	5125.6	4932.4	4739.2	4579.4	4419.7	4283.0	4211.5	4178.5	4145.6	4151.6
5354.3	17.5°	5141.2	4917.0	4692.7	4500.5	4308.4	4147.6	4103.6	4115.7	4127.6	4200.1
5380.4	20°	5146.2	4874.4	4602.7	4364.5	4126.3	3939.1	3927.5	3984.0	4040.4	4166.2
5415.6	22.5°	5152.8	4822.3	4491.7	4204.9	3918.0	3704.9	3727.7	3811.2	3894.8	4038.3
5479.4	25°	5179.1	4770.8	4362.7	4026.7	3690.8	3472.4	3533.8	3630.2	3726.5	3855.6
5579.1	27.5°	5233.9	4736.4	4238.9	3863.7	3488.5	3289.7	3364.4	3457.4	3550.4	3656.6
5708.1	30°	5309.0	4720.3	4131.3	3727.5	3323.7	3156.8	3215.4	3289.2	3363.2	3451.3
5842.8	32.5°	5373.8	4700.4	4026.7	3610.1	3193.3	3058.8	3084.9	3128.5	3172.2	3242.5
5996.3	35°	5421.3	4662.8	3904.7	3494.6	3084.5	2972.4	2961.6	2973.6	2985.7	3039.3
6168.2	37.5°	5449.5	4598.6	3747.6	3358.8	2969.9	2871.9	2832.4	2819.1	2805.8	2844.3
6386.5	40°	5467.3	4510.0	3552.9	3196.6	2840.4	2751.5	2690.9	2660.8	2630.7	2658.5
6672.0	42.5°	5501.0	4418.7	3336.7	3017.8	2698.8	2616.9	2540.5	2500.7	2460.8	2483.4
7047.7	45°	5560.3	4333.8	3107.4	2827.7	2548.0	2465.0	2391.0	2352.2	2313.5	2332.4
7448.0	47.5°	5601.0	4263.7	2926.4	2677.4	2428.4	2321.3	2257.7	2225.1	2192.6	2210.5
7819.4	50°	5574.4	4187.3	2800.2	2577.6	2355.0	2214.1	2140.2	2111.3	2082.6	2110.5
8060.6	52.5°	5410.8	4058.2	2705.8	2511.8	2318.0	2156.0	2052.7	2024.1	1995.7	2037.7
8007.5	55°	5072.8	3844.3	2615.8	2464.1	2312.5	2161.8	2006.2	1961.0	1916.0	1975.6
7633.4	57.5°	4570.3	3542.6	2514.8	2407.7	2300.5	2167.6	1978.3	1912.5	1846.7	1910.8
6937.3	60°	3896.4	3151.0	2405.5	2321.3	2237.1	2149.4	1952.0	1866.8	1781.5	1837.8
5996.0	62.5°	3137.3	2682.2	2227.1	2171.1	2115.3	2104.5	1921.5	1814.8	1708.4	1744.1
5035.6	65°	2472.9	2260.5	2048.0	2021.6	1995.2	1996.6	1857.0	1743.7	1630.3	1644.1
4094.8	67.5°	1915.5	1855.2	1794.7	1809.5	1824.1	1820.5	1742.1	1647.7	1553.4	1549.1
3224.1	70°	1450.9	1468.2	1485.3	1553.7	1622.0	1622.0	1596.2	1529.1	1462.0	1447.1
2464.8	72.5°	1119.2	1171.2	1223.3	1320.3	1417.2	1433.5	1433.8	1387.8	1341.8	1319.9
1788.9	75°	869.0	916.2	963.4	1072.0	1180.7	1255.7	1249.4	1214.0	1178.5	1157.6
1212.2	77.5°	669.1	701.1	733.3	838.8	944.3	1068.0	1064.7	1036.3	1007.9	986.6
781.0	80°	501.6	514.9	528.2	617.6	706.8	854.6	854.1	830.3	806.4	788.7
480.4	82.5°	358.4	360.8	363.4	429.2	495.0	621.2	628.2	616.6	604.9	592.3
256.8	85°	216.8	215.6	214.3	262.4	310.6	404.5	413.6	401.1	388.7	374.6
106.5	87.5°	95.0	93.8	92.7	112.3	132.1	171.1	182.7	177.7	172.7	170.1
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4162.5	2.5°	4137.4	4112.4	4087.1	4062.0	4042.6	4023.0	4007.2	3991.4	3979.2	3966.9
4024.3	5°	3979.8	3935.3	3894.9	3854.4	3823.3	3792.1	3770.4	3748.6	3733.2	3717.7
3939.1	7.5°	3883.1	3827.0	3777.5	3728.2	3691.1	3654.3	3628.3	3602.4	3584.7	3567.1
3937.0	10°	3876.7	3816.2	3760.6	3704.9	3660.7	3616.4	3587.5	3558.2	3541.5	3524.7
4021.0	12.5°	3973.5	3926.3	3868.7	3811.2	3754.7	3698.3	3660.9	3623.5	3604.8	3586.2
4157.5	15°	4145.3	4133.0	4083.0	4033.0	3952.6	3872.2	3815.4	3758.6	3732.5	3706.6
4272.5	17.5°	4311.0	4349.4	4309.0	4268.8	4162.4	4055.9	3972.2	3888.5	3849.9	3811.2
4292.1	20°	4372.7	4453.2	4434.6	4415.8	4294.1	4172.5	4069.8	3967.4	3918.0	3868.5
4182.1	22.5°	4286.9	4391.8	4403.0	4414.2	4297.9	4181.6	4076.0	3970.2	3918.2	3866.0
3984.8	25°	4088.0	4191.1	4229.6	4268.0	4172.7	4077.5	3983.5	3889.8	3844.6	3799.6
3762.6	27.5°	3845.3	3928.0	3970.8	4013.9	3945.9	3878.2	3805.2	3732.3	3702.1	3671.7
3539.3	30°	3607.9	3676.7	3711.6	3746.4	3694.8	3643.0	3590.8	3538.3	3522.9	3507.3
3312.9	32.5°	3378.7	3444.6	3483.3	3522.2	3474.7	3427.0	3385.3	3343.6	3333.5	3323.4
3092.8	35°	3157.9	3223.2	3269.7	3316.2	3282.4	3248.6	3210.1	3171.7	3156.3	3141.0
2882.7	37.5°	2947.7	3012.8	3070.2	3127.7	3112.1	3096.5	3061.1	3025.6	2997.5	2969.6
2686.2	40°	2749.0	2811.8	2877.9	2944.2	2948.0	2951.6	2921.6	2891.5	2850.7	2810.1
2506.2	42.5°	2565.6	2625.3	2696.7	2768.1	2787.2	2806.3	2780.9	2755.6	2705.0	2654.3
2351.7	45°	2408.2	2464.6	2538.7	2612.8	2640.2	2667.6	2644.7	2621.9	2564.0	2506.2
2228.3	47.5°	2283.6	2338.7	2411.8	2484.9	2516.5	2548.0	2532.1	2516.1	2464.6	2413.1
2138.6	50°	2190.7	2242.7	2308.2	2373.6	2414.1	2454.7	2453.7	2453.0	2411.8	2370.6
2079.6	52.5°	2127.4	2175.1	2236.1	2297.2	2345.2	2393.2	2401.8	2410.5	2376.9	2343.4
2035.1	55°	2086.6	2138.1	2191.6	2244.9	2295.7	2346.7	2358.7	2370.6	2341.4	2312.1
1975.0	57.5°	2035.4	2095.9	2148.7	2201.7	2253.0	2304.2	2316.3	2328.4	2298.9	2269.3
1893.9	60°	1963.3	2032.8	2086.4	2140.2	2191.7	2243.2	2256.5	2269.8	2240.9	2212.2
1779.8	62.5°	1860.7	1941.7	1999.0	2056.4	2103.5	2150.7	2163.5	2176.3	2150.2	2124.1
1657.7	65°	1744.4	1831.3	1886.1	1940.9	1982.4	2024.0	2037.1	2050.0	2025.0	1999.9
1544.8	67.5°	1624.8	1705.0	1757.0	1808.9	1844.7	1880.6	1893.4	1906.0	1882.9	1860.0
1432.1	70°	1502.6	1573.0	1617.8	1662.7	1695.1	1727.5	1739.8	1752.1	1733.3	1714.5
1298.1	72.5°	1353.6	1408.9	1449.4	1489.9	1521.7	1553.4	1568.0	1582.6	1567.0	1551.4
1136.5	75°	1177.7	1218.9	1255.6	1292.3	1321.2	1350.1	1365.4	1380.6	1373.0	1365.4
965.4	77.5°	998.9	1032.3	1063.9	1095.4	1125.8	1156.1	1170.4	1184.6	1174.0	1163.1
770.7	80°	798.6	826.4	852.9	879.5	902.6	925.5	944.5	963.4	958.7	954.3
579.7	82.5°	577.4	575.0	565.7	556.4	605.6	654.8	687.0	719.2	717.2	715.1
360.4	85°	348.5	336.4	310.6	284.9	330.9	377.1	416.9	456.8	453.5	450.1
167.4	87.5°	166.9	166.4	146.8	127.1	146.3	165.8	181.9	198.0	194.0	189.7
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°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
3955.6	2.5°	3944.1	3930.0	3944.1	3955.6	3966.9	3979.2	3991.4	4007.2	4023.0	4042.6
3705.9	5°	3694.1	3682.5	3694.1	3705.9	3717.7	3733.2	3748.6	3770.4	3792.1	3823.3
3556.4	7.5°	3546.0	3538.0	3546.0	3556.4	3567.1	3584.7	3602.4	3628.3	3654.3	3691.1
3515.7	10°	3506.8	3503.1	3506.8	3515.7	3524.7	3541.5	3558.2	3587.5	3616.4	3660.7
3578.5	12.5°	3570.9	3569.5	3570.9	3578.5	3586.2	3604.8	3623.5	3660.9	3698.3	3754.7
3696.6	15°	3686.6	3685.8	3686.6	3696.6	3706.6	3732.5	3758.6	3815.4	3872.2	3952.6
3798.6	17.5°	3785.8	3783.8	3785.8	3798.6	3811.2	3849.9	3888.5	3972.2	4055.9	4162.4
3852.7	20°	3837.0	3832.0	3837.0	3852.7	3868.5	3918.0	3967.4	4069.8	4172.5	4294.1
3848.6	22.5°	3831.2	3823.7	3831.2	3848.6	3866.0	3918.2	3970.2	4076.0	4181.6	4297.9
3783.2	25°	3766.9	3757.2	3766.9	3783.2	3799.6	3844.6	3889.8	3983.5	4077.5	4172.7
3664.2	27.5°	3656.7	3654.3	3656.7	3664.2	3671.7	3702.1	3732.3	3805.2	3878.2	3945.9
3507.3	30°	3507.3	3509.7	3507.3	3507.3	3507.3	3522.9	3538.3	3590.8	3643.0	3694.8
3324.7	32.5°	3326.2	3328.7	3326.2	3324.7	3323.4	3333.5	3343.6	3385.3	3427.0	3474.7
3137.7	35°	3134.4	3132.7	3134.4	3137.7	3141.0	3156.3	3171.7	3210.1	3248.6	3282.4
2954.8	37.5°	2940.0	2931.7	2940.0	2954.8	2969.6	2997.5	3025.6	3061.1	3096.5	3112.1
2782.6	40°	2755.3	2739.0	2755.3	2782.6	2810.1	2850.7	2891.5	2921.6	2951.6	2948.0
2614.3	42.5°	2574.3	2548.0	2574.3	2614.3	2654.3	2705.0	2755.6	2780.9	2806.3	2787.2
2459.1	45°	2412.1	2381.9	2412.1	2459.1	2506.2	2564.0	2621.9	2644.7	2667.6	2640.2
2369.6	47.5°	2326.3	2297.2	2326.3	2369.6	2413.1	2464.6	2516.1	2532.1	2548.0	2516.5
2330.4	50°	2290.2	2262.3	2290.2	2330.4	2370.6	2411.8	2453.0	2453.7	2454.7	2414.1
2307.3	52.5°	2271.5	2245.7	2271.5	2307.3	2343.4	2376.9	2410.5	2401.8	2393.2	2345.2
2280.6	55°	2249.0	2225.8	2249.0	2280.6	2312.1	2341.4	2370.6	2358.7	2346.7	2295.7
2238.1	57.5°	2206.7	2182.6	2206.7	2238.1	2269.3	2298.9	2328.4	2316.3	2304.2	2253.0
2179.9	60°	2147.7	2122.8	2147.7	2179.9	2212.2	2240.9	2269.8	2256.5	2243.2	2191.7
2090.2	62.5°	2056.4	2026.5	2056.4	2090.2	2124.1	2150.2	2176.3	2163.5	2150.7	2103.5
1967.0	65°	1934.3	1908.5	1934.3	1967.0	1999.9	2025.0	2050.0	2037.1	2024.0	1982.4
1829.5	67.5°	1798.9	1775.6	1798.9	1829.5	1860.0	1882.9	1906.0	1893.4	1880.6	1844.7
1685.3	70°	1656.0	1629.5	1656.0	1685.3	1714.5	1733.3	1752.1	1739.8	1727.5	1695.1
1523.5	72.5°	1495.8	1470.0	1495.8	1523.5	1551.4	1567.0	1582.6	1568.0	1553.4	1521.7
1341.9	75°	1318.5	1293.9	1318.5	1341.9	1365.4	1373.0	1380.6	1365.4	1350.1	1321.2
1139.5	77.5°	1115.9	1096.3	1115.9	1139.5	1163.1	1174.0	1184.6	1170.4	1156.1	1125.8
922.5	80°	890.6	853.8	890.6	922.5	954.3	958.7	963.4	944.5	925.5	902.6
688.3	82.5°	661.4	637.8	661.4	688.3	715.1	717.2	719.2	687.0	654.8	605.6
429.2	85°	408.3	387.0	408.3	429.2	450.1	453.5	456.8	416.9	377.1	330.9
179.1	87.5°	168.1	157.8	168.1	179.1	189.7	194.0	198.0	181.9	165.8	146.3
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°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4062.0	2.5°	4087.1	4112.4	4137.4	4162.5	4191.1	4219.8	4251.6	4283.5	4322.8	4358.2
3854.4	5°	3894.9	3935.3	3979.8	4024.3	4074.7	4125.2	4185.5	4245.6	4314.5	4384.3
3728.2	7.5°	3777.5	3827.0	3883.1	3939.1	4005.6	4072.0	4151.9	4232.0	4321.2	4416.3
3704.9	10°	3760.6	3816.2	3876.7	3937.0	4003.4	4069.8	4154.2	4238.6	4334.4	4451.9
3811.2	12.5°	3868.7	3926.3	3973.5	4021.0	4064.9	4109.0	4177.8	4246.9	4336.1	4459.5
4033.0	15°	4083.0	4133.0	4145.3	4157.5	4151.6	4145.6	4178.5	4211.5	4283.0	4419.7
4268.8	17.5°	4309.0	4349.4	4311.0	4272.5	4200.1	4127.6	4115.7	4103.6	4147.6	4308.4
4415.8	20°	4434.6	4453.2	4372.7	4292.1	4166.2	4040.4	3984.0	3927.5	3939.1	4126.3
4414.2	22.5°	4403.0	4391.8	4286.9	4182.1	4038.3	3894.8	3811.2	3727.7	3704.9	3918.0
4268.0	25°	4229.6	4191.1	4088.0	3984.8	3855.6	3726.5	3630.2	3533.8	3472.4	3690.8
4013.9	27.5°	3970.8	3928.0	3845.3	3762.6	3656.6	3550.4	3457.4	3364.4	3289.7	3488.5
3746.4	30°	3711.6	3676.7	3607.9	3539.3	3451.3	3363.2	3289.2	3215.4	3156.8	3323.7
3522.2	32.5°	3483.3	3444.6	3378.7	3312.9	3242.5	3172.2	3128.5	3084.9	3058.8	3193.3
3316.2	35°	3269.7	3223.2	3157.9	3092.8	3039.3	2985.7	2973.6	2961.6	2972.4	3084.5
3127.7	37.5°	3070.2	3012.8	2947.7	2882.7	2844.3	2805.8	2819.1	2832.4	2871.9	2969.9
2944.2	40°	2877.9	2811.8	2749.0	2686.2	2658.5	2630.7	2660.8	2690.9	2751.5	2840.4
2768.1	42.5°	2696.7	2625.3	2565.6	2506.2	2483.4	2460.8	2500.7	2540.5	2616.9	2698.8
2612.8	45°	2538.7	2464.6	2408.2	2351.7	2332.4	2313.5	2352.2	2391.0	2465.0	2548.0
2484.9	47.5°	2411.8	2338.7	2283.6	2228.3	2210.5	2192.6	2225.1	2257.7	2321.3	2428.4
2373.6	50°	2308.2	2242.7	2190.7	2138.6	2110.5	2082.6	2111.3	2140.2	2214.1	2355.0
2297.2	52.5°	2236.1	2175.1	2127.4	2079.6	2037.7	1995.7	2024.1	2052.7	2156.0	2318.0
2244.9	55°	2191.6	2138.1	2086.6	2035.1	1975.6	1916.0	1961.0	2006.2	2161.8	2312.5
2201.7	57.5°	2148.7	2095.9	2035.4	1975.0	1910.8	1846.7	1912.5	1978.3	2167.6	2300.5
2140.2	60°	2086.4	2032.8	1963.3	1893.9	1837.8	1781.5	1866.8	1952.0	2149.4	2237.1
2056.4	62.5°	1999.0	1941.7	1860.7	1779.8	1744.1	1708.4	1814.8	1921.5	2104.5	2115.3
1940.9	65°	1886.1	1831.3	1744.4	1657.7	1644.1	1630.3	1743.7	1857.0	1996.6	1995.2
1808.9	67.5°	1757.0	1705.0	1624.8	1544.8	1549.1	1553.4	1647.7	1742.1	1820.5	1824.1
1662.7	70°	1617.8	1573.0	1502.6	1432.1	1447.1	1462.0	1529.1	1596.2	1622.0	1622.0
1489.9	72.5°	1449.4	1408.9	1353.6	1298.1	1319.9	1341.8	1387.8	1433.8	1433.5	1417.2
1292.3	75°	1255.6	1218.9	1177.7	1136.5	1157.6	1178.5	1214.0	1249.4	1255.7	1180.7
1095.4	77.5°	1063.9	1032.3	998.9	965.4	986.6	1007.9	1036.3	1064.7	1068.0	944.3
879.5	80°	852.9	826.4	798.6	770.7	788.7	806.4	830.3	854.1	854.6	706.8
556.4	82.5°	565.7	575.0	577.4	579.7	592.3	604.9	616.6	628.2	621.2	495.0
284.9	85°	310.6	336.4	348.5	360.4	374.6	388.7	401.1	413.6	404.5	310.6
127.1	87.5°	146.8	166.4	166.9	167.4	170.1	172.7	177.7	182.7	171.1	132.1
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°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4394.7	2.5°	4431.3	4469.5	4507.7	4545.6	4583.6	4619.3	4655.0
4458.2	5°	4532.1	4611.2	4690.4	4769.0	4847.7	4926.6	5005.5
4519.5	7.5°	4622.6	4739.7	4856.8	4977.1	5097.4	5227.4	5357.6
4574.1	10°	4696.1	4838.4	4980.6	5139.4	5298.3	5462.9	5627.6
4597.6	12.5°	4735.6	4903.3	5071.1	5251.2	5431.2	5611.9	5792.8
4579.4	15°	4739.2	4932.4	5125.6	5320.9	5516.3	5704.8	5893.3
4500.5	17.5°	4692.7	4917.0	5141.2	5354.3	5567.4	5758.6	5949.8
4364.5	20°	4602.7	4874.4	5146.2	5380.4	5614.6	5813.4	6012.1
4204.9	22.5°	4491.7	4822.3	5152.8	5415.6	5678.2	5881.4	6084.3
4026.7	25°	4362.7	4770.8	5179.1	5479.4	5779.5	5978.4	6177.4
3863.7	27.5°	4238.9	4736.4	5233.9	5579.1	5924.0	6113.9	6303.6
3727.5	30°	4131.3	4720.3	5309.0	5708.1	6107.3	6290.5	6473.8
3610.1	32.5°	4026.7	4700.4	5373.8	5842.8	6311.9	6493.3	6674.8
3494.6	35°	3904.7	4662.8	5421.3	5996.3	6571.4	6745.3	6919.0
3358.8	37.5°	3747.6	4598.6	5449.5	6168.2	6886.9	7108.5	7330.1
3196.6	40°	3552.9	4510.0	5467.3	6386.5	7305.5	7628.4	7951.3
3017.8	42.5°	3336.7	4418.7	5501.0	6672.0	7843.0	8309.1	8775.2
2827.7	45°	3107.4	4333.8	5560.3	7047.7	8535.2	9163.9	9792.6
2677.4	47.5°	2926.4	4263.7	5601.0	7448.0	9295.1	10180.1	11064.9
2577.6	50°	2800.2	4187.3	5574.4	7819.4	10064.5	11398.6	12732.6
2511.8	52.5°	2705.8	4058.2	5410.8	8060.6	10710.3	12678.6	14646.9
2464.1	55°	2615.8	3844.3	5072.8	8007.5	10942.0	13813.4	16685.0
2407.7	57.5°	2514.8	3542.6	4570.3	7633.4	10696.7	14617.7	18538.7
2321.3	60°	2405.5	3151.0	3896.4	6937.3	9978.1	14818.7	19659.1
2171.1	62.5°	2227.1	2682.2	3137.3	5996.0	8854.6	13972.4	19090.2
2021.6	65°	2048.0	2260.5	2472.9	5035.6	7598.4	12775.0	17951.5
1809.5	67.5°	1794.7	1855.2	1915.5	4094.8	6274.0	11350.0	16425.9
1553.7	70°	1485.3	1468.2	1450.9	3224.1	4997.2	9795.1	14592.9
1320.3	72.5°	1223.3	1171.2	1119.2	2464.8	3810.4	8109.5	12408.7
1072.0	75°	963.4	916.2	869.0	1788.9	2708.8	6177.2	9645.6
838.8	77.5°	733.3	701.1	669.1	1212.2	1755.4	4323.5	6891.6
617.6	80°	528.2	514.9	501.6	781.0	1060.6	2785.5	4510.5
429.2	82.5°	363.4	360.8	358.4	480.4	602.6	1612.2	2621.9
262.4	85°	214.3	215.6	216.8	256.8	297.0	725.2	1153.6
112.3	87.5°	92.7	93.8	95.0	106.5	117.9	237.5	357.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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