

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: P954542

Luminaire Tested: **GALN-SB7D-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954542
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-SB7D-735-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 72109 lumens
Efficiency: N/A
Efficacy: 140.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B5 - U0 - G5

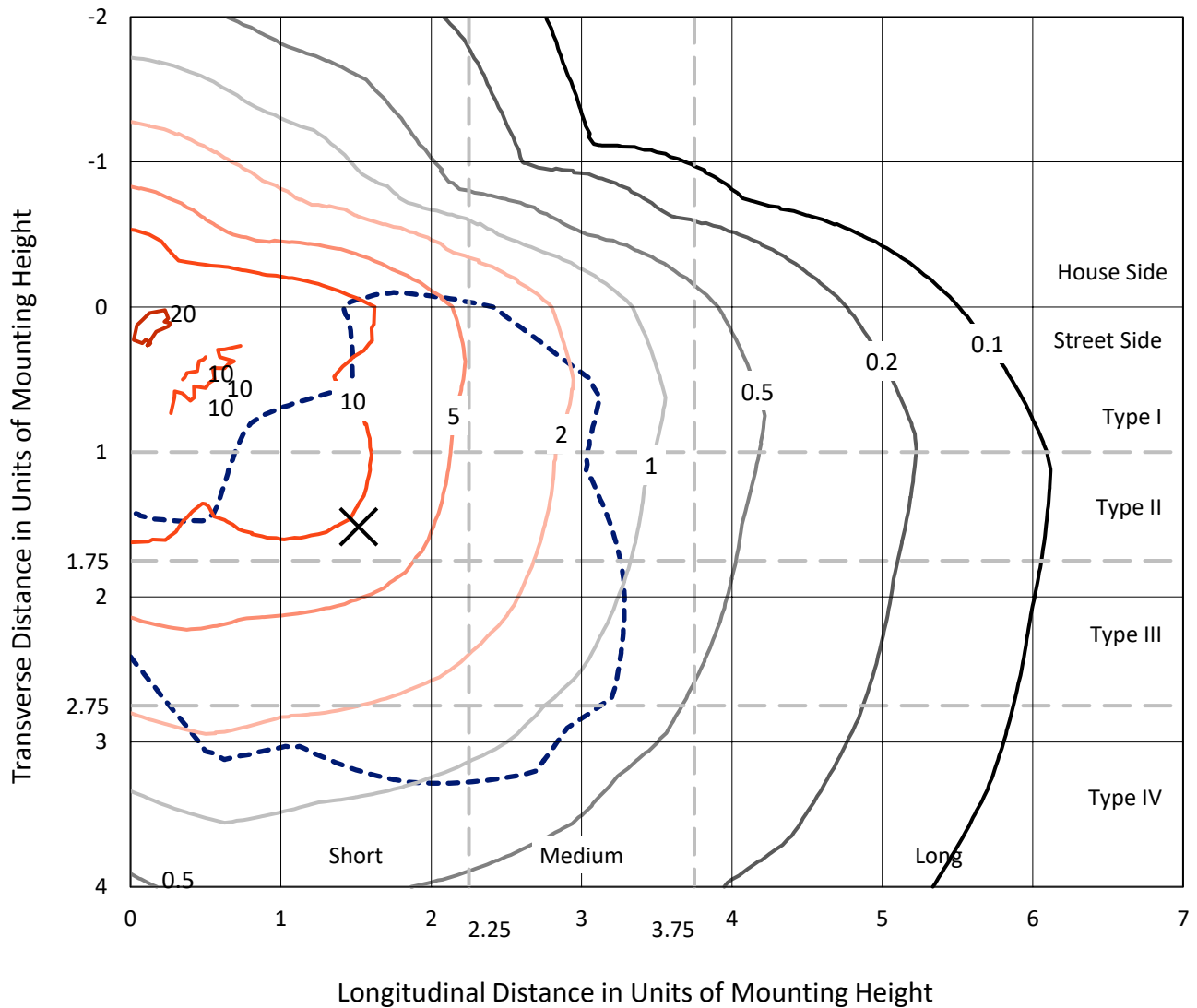
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

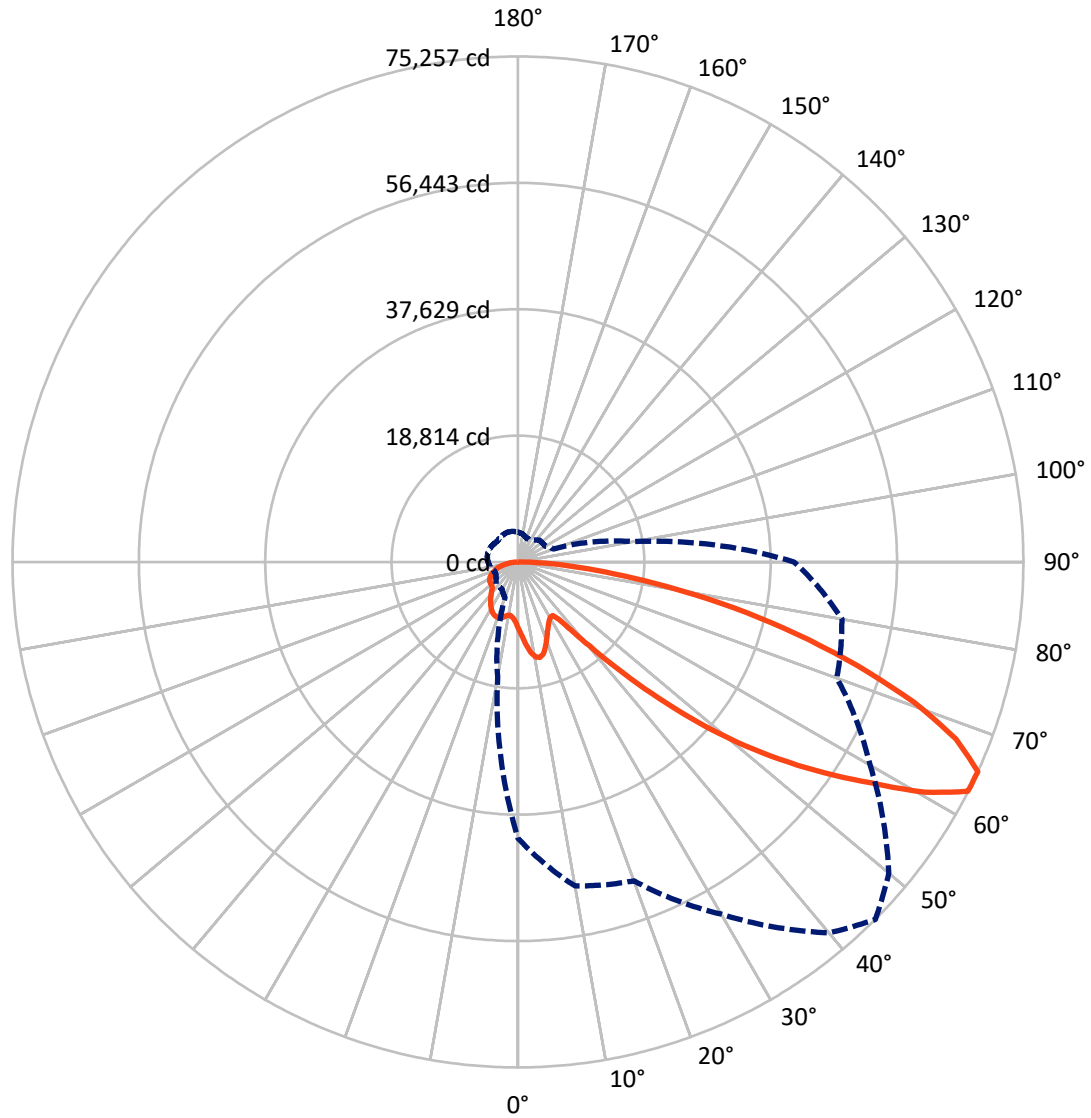
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22 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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CATALOG NUMBER: GALN-SB7D-735-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18326.5	0.0	18326.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	53782.5	0.0	53782.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	72109.0	0.0	72109.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	983.6	1.4
10°-20°	3087.8	4.3
20°-30°	4769.6	6.6
30°-40°	6044.2	8.4
40°-50°	9116.2	12.6
50°-60°	14728.6	20.4
60°-70°	18361.6	25.5
70°-80°	12040.6	16.7
80°-90°	2976.7	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°	72109.0	100.0
0°-180°	72109.0	100.0



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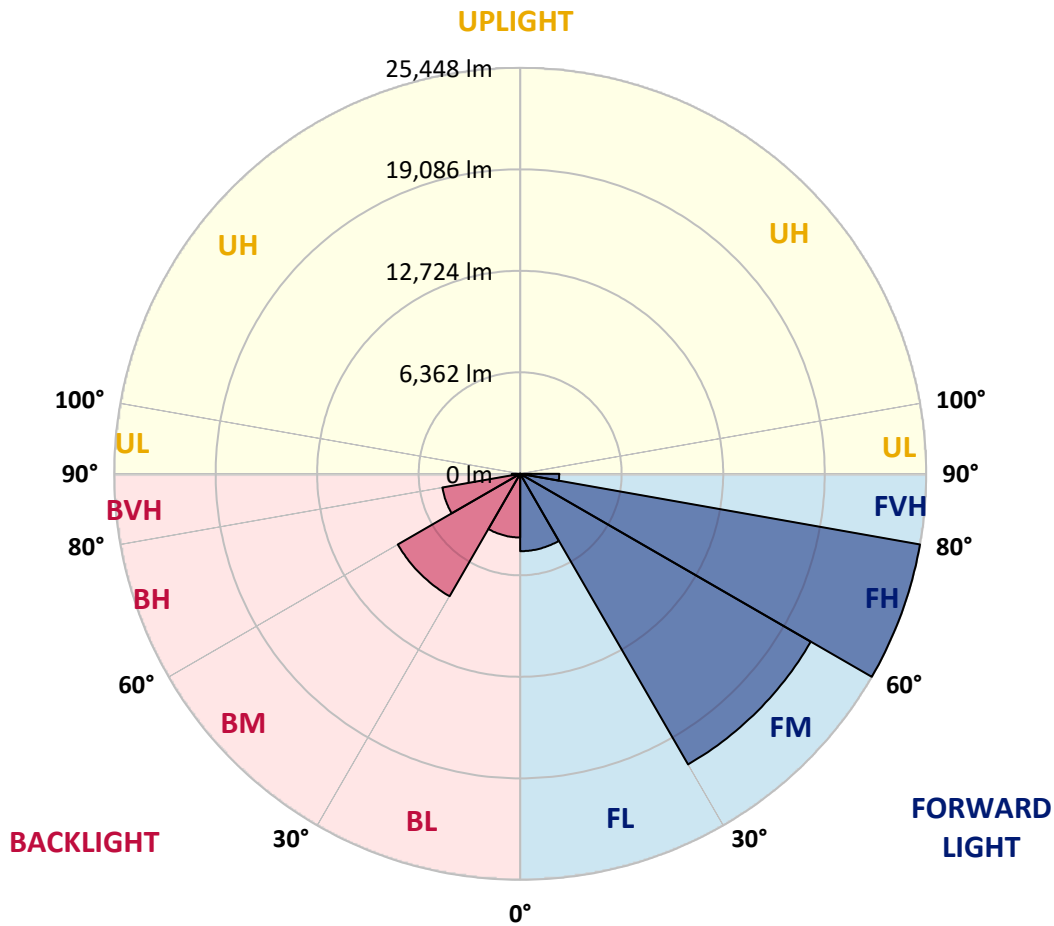
CATALOG NUMBER: GALN-SB7D-735-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4850.2	6.7			
FM (30°-60°)	21032.6	29.2			
FH (60°-80°)	25447.6	35.3			G5
FVH (80°-90°)	2452.2	3.4			G5
BL (0°-30°)	3990.8	5.5	B4/5000		
BM (30°-60°)	8856.5	12.3	B5		
BH (60°-80°)	4954.6	6.9	B4/5000		G4/5000
BVH (80°-90°)	524.6	0.7			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
2.5°	10663.3	10703.6	10744.3	10801.8	10859.2	10893.5	10927.7	10944.8	10962.0	10954.4
5°	11466.1	11607.3	11748.8	11888.8	12029.2	12105.3	12181.4	12227.5	12273.9	12308.9
7.5°	12272.8	12502.6	12732.0	12938.6	13145.2	13269.6	13394.1	13461.4	13528.4	13560.7
10°	12891.1	13162.7	13434.4	13676.8	13919.1	14066.0	14212.1	14277.6	14342.6	14367.4
12.5°	13269.6	13564.1	13858.3	14077.4	14295.8	14402.4	14508.9	14544.7	14580.4	14584.2
15°	13499.8	13754.0	14007.8	14145.2	14282.9	14286.7	14290.5	14252.5	14214.4	14169.5
17.5°	13629.2	13800.8	13972.4	13975.1	13977.4	13823.3	13669.2	13528.0	13386.5	13286.8
20°	13771.9	13831.6	13891.7	13711.0	13530.3	13190.1	12850.0	12602.3	12354.6	12202.4
22.5°	13937.4	13859.0	13780.6	13406.2	13031.8	12531.5	12031.1	11721.4	11411.7	11243.5
25°	14150.5	13903.2	13655.8	13087.4	12518.9	11911.3	11303.6	10977.9	10653.0	10494.0
27.5°	14439.7	13997.5	13555.0	12802.0	12049.4	11375.9	10702.5	10382.1	10062.1	9911.8
30°	14829.7	14170.3	13511.3	12584.4	11657.5	10955.9	10254.2	9957.1	9659.9	9519.9
32.5°	15290.1	14387.1	13484.6	12436.0	11387.3	10728.0	10068.6	9835.3	9601.7	9500.9
35°	15849.4	14744.4	13639.9	12547.1	11454.7	10996.6	10538.9	10484.4	10430.0	10421.7
37.5°	16791.1	15491.3	14191.6	13198.5	12205.4	12175.7	12146.0	12394.9	12643.7	12773.1
40°	18214.1	16800.6	15387.1	14648.5	13910.0	14431.3	14952.6	15557.5	16162.5	16463.9
42.5°	20101.4	18698.9	17296.4	16871.0	16445.6	17582.5	18719.4	19819.8	20920.2	21566.3
45°	22431.9	21172.1	19911.9	19724.3	19536.3	21357.7	23179.5	24987.6	26796.1	27893.8
47.5°	25346.4	24120.9	22894.9	22856.9	22818.8	25446.5	28073.4	30720.5	33367.2	34921.5
50°	29166.6	27652.6	26139.0	26145.5	26151.9	29538.3	32924.7	36418.7	39912.8	42025.3
52.5°	33551.7	31718.5	29885.7	29700.4	29514.7	33559.7	37604.7	41927.9	46250.6	48782.8
55°	38220.4	36409.2	34598.1	33875.5	33153.0	37655.0	42156.6	47310.3	52464.1	55475.7
57.5°	42466.7	41480.4	40493.8	39044.5	37595.6	42141.3	46687.1	52524.6	58361.7	62096.2
60°	45033.1	46564.9	48097.2	46297.4	44497.7	48799.6	53101.4	59351.3	65601.3	69637.6
62.5°	43729.9	47915.7	52101.5	51898.7	51695.5	55636.2	59577.4	65523.7	71469.6	75200.3
65°	41121.6	45050.2	48978.8	49756.1	50533.1	55541.1	60549.5	66315.5	72081.1	75257.4
67.5°	37626.8	41363.2	45099.7	45464.2	45828.3	51046.4	56264.0	62054.7	67845.4	70333.9
70°	33428.1	37492.1	41556.5	41719.4	41882.6	46548.9	51214.9	56198.2	61181.1	62564.2
72.5°	28424.6	33088.3	37752.4	37869.6	37986.4	41637.2	45288.0	49020.2	52752.1	52892.1
75°	22095.1	26922.1	31749.0	32182.4	32615.7	35456.1	38296.5	40923.8	43551.1	42847.1
77.5°	15786.6	20292.4	24798.5	25418.7	26038.9	28198.2	30357.5	32220.8	34084.4	32874.5
80°	10332.2	14123.1	17913.5	18684.4	19455.3	21086.1	22716.1	23694.7	24673.0	22726.8
82.5°	6006.1	8597.6	11189.5	12050.5	12912.0	14034.4	15156.9	15565.1	15973.0	14443.5
85°	2642.5	4018.0	5393.5	6125.9	6858.4	7780.7	8702.6	8934.3	9166.0	7940.9
87.5°	818.1	1280.4	1742.7	2151.3	2559.9	3021.1	3482.3	3502.0	3521.4	2956.4
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°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
10962.0	2.5°	10944.8	10927.7	10893.5	10859.2	10801.8	10744.3	10703.6	10663.3	10581.5	10499.7
12273.9	5°	12227.5	12181.4	12105.3	12029.2	11888.8	11748.8	11607.3	11466.1	11285.4	11104.6
13528.4	7.5°	13461.4	13394.1	13269.6	13145.2	12938.6	12732.0	12502.6	12272.8	11974.4	11676.5
14342.6	10°	14277.6	14212.1	14066.0	13919.1	13676.8	13434.4	13162.7	12891.1	12514.0	12136.9
14580.4	12.5°	14544.7	14508.9	14402.4	14295.8	14077.4	13858.3	13564.1	13269.6	12855.3	12441.3
14214.4	15°	14252.5	14290.5	14286.7	14282.9	14145.2	14007.8	13754.0	13499.8	13068.0	12636.1
13386.5	17.5°	13528.0	13669.2	13823.3	13977.4	13975.1	13972.4	13800.8	13629.2	13191.3	12753.3
12354.6	20°	12602.3	12850.0	13190.1	13530.3	13711.0	13891.7	13831.6	13771.9	13316.8	12861.4
11411.7	22.5°	11721.4	12031.1	12531.5	13031.8	13406.2	13780.6	13859.0	13937.4	13472.4	13007.1
10653.0	25°	10977.9	11303.6	11911.3	12518.9	13087.4	13655.8	13903.2	14150.5	13694.7	13239.2
10062.1	27.5°	10382.1	10702.5	11375.9	12049.4	12802.0	13555.0	13997.5	14439.7	14005.1	13570.2
9659.9	30°	9957.1	10254.2	10955.9	11657.5	12584.4	13511.3	14170.3	14829.7	14409.6	13989.9
9601.7	32.5°	9835.3	10068.6	10728.0	11387.3	12436.0	13484.6	14387.1	15290.1	14874.2	14458.7
10430.0	35°	10484.4	10538.9	10996.6	11454.7	12547.1	13639.9	14744.4	15849.4	15451.4	15053.0
12643.7	37.5°	12394.9	12146.0	12175.7	12205.4	13198.5	14191.6	15491.3	16791.1	16283.5	15775.9
16162.5	40°	15557.5	14952.6	14431.3	13910.0	14648.5	15387.1	16800.6	18214.1	17474.5	16734.8
20920.2	42.5°	19819.8	18719.4	17582.5	16445.6	16871.0	17296.4	18698.9	20101.4	19033.7	17966.0
26796.1	45°	24987.6	23179.5	21357.7	19536.3	19724.3	19911.9	21172.1	22431.9	20991.7	19551.6
33367.2	47.5°	30720.5	28073.4	25446.5	22818.8	22856.9	22894.9	24120.9	25346.4	23319.6	21292.3
39912.8	50°	36418.7	32924.7	29538.3	26151.9	26145.5	26139.0	27652.6	29166.6	26110.8	23054.7
46250.6	52.5°	41927.9	37604.7	33559.7	29514.7	29700.4	29885.7	31718.5	33551.7	29042.9	24534.1
52464.1	55°	47310.3	42156.6	37655.0	33153.0	33875.5	34598.1	36409.2	38220.4	31642.4	25064.9
58361.7	57.5°	52524.6	46687.1	42141.3	37595.6	39044.5	40493.8	41480.4	42466.7	33484.8	24502.9
65601.3	60°	59351.3	53101.4	48799.6	44497.7	46297.4	48097.2	46564.9	45033.1	33945.2	22856.9
71469.6	62.5°	65523.7	59577.4	55636.2	51695.5	51898.7	52101.5	47915.7	43729.9	32006.6	20283.2
72081.1	65°	66315.5	60549.5	55541.1	50533.1	49756.1	48978.8	45050.2	41121.6	29263.6	17405.6
67845.4	67.5°	62054.7	56264.0	51046.4	45828.3	45464.2	45099.7	41363.2	37626.8	25999.4	14371.9
61181.1	70°	56198.2	51214.9	46548.9	41882.6	41719.4	41556.5	37492.1	33428.1	22437.6	11447.1
52752.1	72.5°	49020.2	45288.0	41637.2	37986.4	37869.6	37752.4	33088.3	28424.6	18576.4	8728.5
43551.1	75°	40923.8	38296.5	35456.1	32615.7	32182.4	31749.0	26922.1	22095.1	14150.1	6205.1
34084.4	77.5°	32220.8	30357.5	28198.2	26038.9	25418.7	24798.5	20292.4	15786.6	9903.8	4021.0
24673.0	80°	23694.7	22716.1	21086.1	19455.3	18684.4	17913.5	14123.1	10332.2	6380.8	2429.4
15973.0	82.5°	15565.1	15156.9	14034.4	12912.0	12050.5	11189.5	8597.6	6006.1	3693.1	1380.4
9166.0	85°	8934.3	8702.6	7780.7	6858.4	6125.9	5393.5	4018.0	2642.5	1661.2	680.3
3521.4	87.5°	3502.0	3482.3	3021.1	2559.9	2151.3	1742.7	1280.4	818.1	544.1	270.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
10412.5	2.5°	10325.8	10238.3	10150.8	10067.0	9983.3	9902.3	9812.1	9739.1	9666.4	9600.6
10924.3	5°	10744.3	10562.8	10381.7	10212.4	10043.1	9883.3	9725.4	9587.6	9449.5	9333.8
11401.0	7.5°	11125.6	10857.3	10589.1	10352.8	10116.5	9898.5	9694.2	9510.8	9327.7	9175.6
11772.8	10°	11409.0	11083.3	10757.3	10478.0	10197.9	9928.9	9709.4	9516.1	9322.8	9170.6
12028.9	12.5°	11616.4	11232.1	10847.8	10531.6	10215.4	9932.7	9728.4	9570.1	9412.6	9311.4
12188.7	15°	11741.2	11298.7	10856.2	10490.2	10124.1	9811.0	9647.4	9571.6	9496.3	9510.0
12265.1	17.5°	11777.0	11263.3	10749.6	10309.4	9869.2	9500.9	9400.0	9427.8	9455.2	9621.1
12324.9	20°	11788.4	11165.9	10543.4	9997.8	9452.2	9023.4	8996.7	9126.1	9255.5	9543.5
12405.5	22.5°	11803.6	11046.4	10289.3	9632.1	8975.0	8486.9	8539.0	8730.4	8921.8	9250.5
12551.7	25°	11863.7	10928.5	9993.6	9223.9	8454.5	7954.2	8095.0	8315.6	8536.3	8832.0
12779.9	27.5°	11989.3	10849.7	9710.1	8850.6	7991.1	7535.6	7706.9	7919.9	8133.0	8376.1
13075.6	30°	12161.3	10812.8	9463.6	8538.6	7613.6	7231.2	7365.6	7534.5	7704.2	7905.9
13384.2	32.5°	12309.7	10767.1	9223.9	8269.6	7314.9	7006.8	7066.5	7166.6	7266.6	7427.6
13735.7	35°	12418.5	10681.2	8944.6	8005.2	7065.7	6808.9	6784.2	6811.6	6839.3	6962.2
14129.6	37.5°	12483.2	10533.9	8584.6	7693.9	6803.2	6578.7	6488.1	6457.7	6427.3	6515.5
14629.5	40°	12523.9	10331.1	8138.7	7322.6	6506.4	6302.8	6164.0	6095.1	6026.2	6089.8
15283.6	42.5°	12601.1	10121.8	7643.3	6912.8	6182.2	5994.6	5819.6	5728.3	5637.0	5688.7
16144.3	45°	12737.0	9927.4	7118.2	6477.5	5836.7	5646.5	5477.2	5388.1	5299.5	5342.9
17061.2	47.5°	12830.2	9766.8	6703.5	6133.1	5562.8	5317.4	5171.6	5097.1	5022.5	5063.6
17912.0	50°	12769.3	9591.8	6414.3	5904.5	5394.6	5072.0	4902.6	4836.4	4770.6	4834.5
18464.5	52.5°	12394.5	9296.2	6198.2	5753.8	5309.8	4938.8	4702.1	4636.7	4571.6	4667.9
18342.7	55°	11620.2	8806.1	5992.0	5644.6	5297.2	4952.1	4595.6	4492.1	4389.0	4525.6
17485.9	57.5°	10469.2	8115.1	5760.6	5515.2	5269.8	4965.4	4531.7	4381.0	4230.3	4377.2
15891.2	60°	8925.6	7217.9	5510.3	5317.4	5124.5	4923.6	4471.5	4276.3	4080.8	4209.8
13735.0	62.5°	7186.7	6144.2	5101.6	4973.4	4845.6	4820.8	4401.5	4157.3	3913.4	3995.2
11535.0	65°	5664.8	5178.1	4691.5	4631.0	4570.5	4573.5	4253.9	3994.4	3734.5	3766.1
9379.9	67.5°	4387.8	4249.7	4111.2	4145.1	4178.6	4170.2	3990.6	3774.5	3558.4	3548.5
7385.3	70°	3323.6	3363.2	3402.4	3559.1	3715.5	3715.5	3656.5	3502.8	3349.1	3314.8
5646.1	72.5°	2563.8	2682.8	2802.3	3024.5	3246.4	3283.6	3284.4	3179.0	3073.6	3023.4
4097.9	75°	1990.7	2098.8	2206.9	2455.7	2704.5	2876.5	2862.1	2781.0	2699.6	2651.6
2776.8	77.5°	1532.6	1606.1	1679.9	1921.5	2163.1	2446.6	2439.0	2373.9	2308.8	2260.1
1789.1	80°	1149.1	1179.5	1210.0	1414.7	1619.0	1957.6	1956.5	1902.1	1847.3	1806.6
1100.4	82.5°	821.1	826.4	832.5	983.2	1133.9	1423.0	1439.0	1412.4	1385.8	1356.8
588.2	85°	496.5	493.9	490.8	601.2	711.5	926.5	947.4	918.9	890.4	858.0
243.9	87.5°	217.6	215.0	212.3	257.2	302.5	391.9	418.5	407.1	395.7	389.6
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
9535.1	2.5°	9477.7	9420.2	9362.4	9304.9	9260.4	9215.5	9179.4	9143.2	9115.1	9086.9
9218.5	5°	9116.6	9014.6	8922.1	8829.3	8758.2	8686.6	8636.8	8586.9	8551.5	8516.2
9023.4	7.5°	8895.1	8766.5	8653.1	8540.1	8455.3	8370.8	8311.5	8252.1	8211.4	8171.1
9018.4	10°	8880.3	8741.8	8614.3	8486.9	8385.7	8284.1	8217.9	8150.9	8112.5	8074.0
9210.9	12.5°	9102.1	8994.1	8862.0	8730.4	8601.0	8471.6	8386.0	8300.4	8257.4	8214.8
9523.7	15°	9495.5	9467.4	9352.9	9238.3	9054.2	8870.0	8739.9	8609.8	8550.0	8490.7
9787.0	17.5°	9875.3	9963.2	9870.7	9778.6	9534.7	9290.8	9099.1	8907.3	8819.0	8730.4
9831.9	20°	10016.4	10201.0	10158.4	10115.4	9836.5	9557.9	9322.8	9088.0	8975.0	8861.6
9580.0	22.5°	9820.1	10060.2	10086.1	10111.6	9845.2	9578.9	9336.9	9094.5	8975.4	8855.9
9128.0	25°	9364.3	9600.6	9688.8	9776.7	9558.3	9340.3	9124.9	8910.3	8806.9	8703.7
8618.9	27.5°	8808.4	8997.9	9096.0	9194.6	9039.0	8883.7	8716.7	8549.6	8480.4	8410.8
8107.5	30°	8264.7	8422.2	8502.1	8582.0	8463.7	8344.9	8225.5	8105.2	8069.8	8034.1
7588.9	32.5°	7739.6	7890.6	7979.3	8068.3	7959.5	7850.3	7754.8	7659.3	7636.1	7612.9
7084.8	35°	7233.9	7383.4	7490.0	7596.5	7518.9	7441.7	7353.4	7265.5	7230.1	7195.1
6603.4	37.5°	6752.2	6901.4	7033.0	7164.7	7128.9	7093.1	7012.1	6930.7	6866.3	6802.4
6153.3	40°	6297.1	6441.0	6592.4	6744.2	6753.0	6761.3	6692.5	6623.6	6530.0	6437.2
5740.9	42.5°	5877.1	6013.7	6177.3	6340.9	6384.6	6428.4	6370.2	6312.4	6196.3	6080.3
5387.0	45°	5516.4	5645.7	5815.4	5985.1	6047.9	6110.7	6058.2	6006.1	5873.3	5740.9
5104.3	47.5°	5231.0	5357.3	5524.7	5692.2	5764.4	5836.7	5800.2	5763.7	5645.7	5527.8
4898.8	50°	5018.3	5137.4	5287.3	5437.2	5530.1	5622.9	5620.6	5619.1	5524.7	5430.4
4763.8	52.5°	4873.3	4982.5	5122.2	5262.2	5372.2	5482.1	5501.9	5521.7	5444.8	5368.0
4661.8	55°	4779.7	4897.7	5020.2	5142.3	5258.8	5375.6	5403.0	5430.4	5363.4	5296.4
4524.0	57.5°	4662.5	4801.0	4922.0	5043.4	5161.0	5278.2	5306.0	5333.7	5266.0	5198.3
4338.4	60°	4497.4	4656.5	4779.4	4902.6	5020.6	5138.5	5169.0	5199.4	5133.2	5067.4
4077.0	62.5°	4262.3	4447.9	4579.2	4710.5	4818.5	4926.6	4955.9	4985.2	4925.5	4865.7
3797.3	65°	3995.9	4194.9	4320.5	4446.0	4541.2	4636.3	4666.3	4696.0	4638.6	4581.1
3538.6	67.5°	3722.0	3905.7	4024.8	4143.6	4225.7	4307.9	4337.2	4366.1	4313.3	4260.7
3280.6	70°	3441.9	3603.3	3706.0	3808.7	3882.9	3957.1	3985.3	4013.4	3970.4	3927.4
2973.5	72.5°	3100.6	3227.3	3320.2	3413.0	3485.7	3558.4	3591.8	3625.3	3589.6	3553.8
2603.3	75°	2697.7	2792.0	2876.1	2960.2	3026.4	3092.6	3127.6	3162.6	3145.1	3127.6
2211.4	77.5°	2288.3	2364.8	2437.0	2509.3	2579.0	2648.2	2680.9	2713.7	2689.3	2664.2
1765.5	80°	1829.4	1892.9	1953.8	2014.7	2067.6	2120.1	2163.5	2206.9	2196.2	2185.9
1327.9	82.5°	1322.6	1317.3	1296.0	1274.6	1387.3	1499.9	1573.7	1647.5	1643.0	1638.0
825.7	85°	798.3	770.5	711.5	652.5	757.9	863.7	955.0	1046.4	1038.7	1031.1
383.5	87.5°	382.4	381.3	336.4	291.1	335.2	379.7	416.6	453.5	444.4	434.5
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°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
9061.0	2.5°	9034.8	9002.4	9034.8	9061.0	9086.9	9115.1	9143.2	9179.4	9215.5	9260.4
8489.1	5°	8462.1	8435.5	8462.1	8489.1	8516.2	8551.5	8586.9	8636.8	8686.6	8758.2
8146.7	7.5°	8122.7	8104.5	8122.7	8146.7	8171.1	8211.4	8252.1	8311.5	8370.8	8455.3
8053.5	10°	8032.9	8024.6	8032.9	8053.5	8074.0	8112.5	8150.9	8217.9	8284.1	8385.7
8197.3	12.5°	8179.8	8176.8	8179.8	8197.3	8214.8	8257.4	8300.4	8386.0	8471.6	8601.0
8467.8	15°	8445.0	8443.1	8445.0	8467.8	8490.7	8550.0	8609.8	8739.9	8870.0	9054.2
8701.5	17.5°	8672.2	8667.6	8672.2	8701.5	8730.4	8819.0	8907.3	9099.1	9290.8	9534.7
8825.5	20°	8789.4	8777.9	8789.4	8825.5	8861.6	8975.0	9088.0	9322.8	9557.9	9836.5
8816.0	22.5°	8776.0	8758.9	8776.0	8816.0	8855.9	8975.4	9094.5	9336.9	9578.9	9845.2
8666.1	25°	8628.8	8606.7	8628.8	8666.1	8703.7	8806.9	8910.3	9124.9	9340.3	9558.3
8393.6	27.5°	8376.5	8370.8	8376.5	8393.6	8410.8	8480.4	8549.6	8716.7	8883.7	9039.0
8034.1	30°	8034.1	8039.8	8034.1	8034.1	8034.1	8069.8	8105.2	8225.5	8344.9	8463.7
7615.9	32.5°	7619.3	7625.0	7619.3	7615.9	7612.9	7636.1	7659.3	7754.8	7850.3	7959.5
7187.5	35°	7179.9	7176.1	7179.9	7187.5	7195.1	7230.1	7265.5	7353.4	7441.7	7518.9
6768.6	37.5°	6734.7	6715.7	6734.7	6768.6	6802.4	6866.3	6930.7	7012.1	7093.1	7128.9
6374.0	40°	6311.6	6274.3	6311.6	6374.0	6437.2	6530.0	6623.6	6692.5	6761.3	6753.0
5988.6	42.5°	5896.9	5836.7	5896.9	5988.6	6080.3	6196.3	6312.4	6370.2	6428.4	6384.6
5633.2	45°	5525.5	5456.2	5525.5	5633.2	5740.9	5873.3	6006.1	6058.2	6110.7	6047.9
5428.1	47.5°	5328.8	5262.2	5328.8	5428.1	5527.8	5645.7	5763.7	5800.2	5836.7	5764.4
5338.3	50°	5246.2	5182.3	5246.2	5338.3	5430.4	5524.7	5619.1	5620.6	5622.9	5530.1
5285.4	52.5°	5203.2	5144.2	5203.2	5285.4	5368.0	5444.8	5521.7	5501.9	5482.1	5372.2
5224.1	55°	5151.9	5098.6	5151.9	5224.1	5296.4	5363.4	5430.4	5403.0	5375.6	5258.8
5126.7	57.5°	5054.8	4999.7	5054.8	5126.7	5198.3	5266.0	5333.7	5306.0	5278.2	5161.0
4993.6	60°	4919.8	4862.7	4919.8	4993.6	5067.4	5133.2	5199.4	5169.0	5138.5	5020.6
4788.1	62.5°	4710.5	4642.0	4710.5	4788.1	4865.7	4925.5	4985.2	4955.9	4926.6	4818.5
4505.8	65°	4430.8	4371.8	4430.8	4505.8	4581.1	4638.6	4696.0	4666.3	4636.3	4541.2
4190.7	67.5°	4120.7	4067.5	4120.7	4190.7	4260.7	4313.3	4366.1	4337.2	4307.9	4225.7
3860.5	70°	3793.5	3732.6	3793.5	3860.5	3927.4	3970.4	4013.4	3985.3	3957.1	3882.9
3489.9	72.5°	3426.3	3367.3	3426.3	3489.9	3553.8	3589.6	3625.3	3591.8	3558.4	3485.7
3074.0	75°	3020.3	2964.0	3020.3	3074.0	3127.6	3145.1	3162.6	3127.6	3092.6	3026.4
2610.2	77.5°	2556.1	2511.2	2556.1	2610.2	2664.2	2689.3	2713.7	2680.9	2648.2	2579.0
2113.2	80°	2040.2	1955.7	2040.2	2113.2	2185.9	2196.2	2206.9	2163.5	2120.1	2067.6
1576.8	82.5°	1515.1	1461.1	1515.1	1576.8	1638.0	1643.0	1647.5	1573.7	1499.9	1387.3
983.2	85°	935.2	886.5	935.2	983.2	1031.1	1038.7	1046.4	955.0	863.7	757.9
410.2	87.5°	385.1	361.5	385.1	410.2	434.5	444.4	453.5	416.6	379.7	335.2
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
9304.9	2.5°	9362.4	9420.2	9477.7	9535.1	9600.6	9666.4	9739.1	9812.1	9902.3	9983.3
8829.3	5°	8922.1	9014.6	9116.6	9218.5	9333.8	9449.5	9587.6	9725.4	9883.3	10043.1
8540.1	7.5°	8653.1	8766.5	8895.1	9023.4	9175.6	9327.7	9510.8	9694.2	9898.5	10116.5
8486.9	10°	8614.3	8741.8	8880.3	9018.4	9170.6	9322.8	9516.1	9709.4	9928.9	10197.9
8730.4	12.5°	8862.0	8994.1	9102.1	9210.9	9311.4	9412.6	9570.1	9728.4	9932.7	10215.4
9238.3	15°	9352.9	9467.4	9495.5	9523.7	9510.0	9496.3	9571.6	9647.4	9811.0	10124.1
9778.6	17.5°	9870.7	9963.2	9875.3	9787.0	9621.1	9455.2	9427.8	9400.0	9500.9	9869.2
10115.4	20°	10158.4	10201.0	10016.4	9831.9	9543.5	9255.5	9126.1	8996.7	9023.4	9452.2
10111.6	22.5°	10086.1	10060.2	9820.1	9580.0	9250.5	8921.8	8730.4	8539.0	8486.9	8975.0
9776.7	25°	9688.8	9600.6	9364.3	9128.0	8832.0	8536.3	8315.6	8095.0	7954.2	8454.5
9194.6	27.5°	9096.0	8997.9	8808.4	8618.9	8376.1	8133.0	7919.9	7706.9	7535.6	7991.1
8582.0	30°	8502.1	8422.2	8264.7	8107.5	7905.9	7704.2	7534.5	7365.6	7231.2	7613.6
8068.3	32.5°	7979.3	7890.6	7739.6	7588.9	7427.6	7266.6	7166.6	7066.5	7006.8	7314.9
7596.5	35°	7490.0	7383.4	7233.9	7084.8	6962.2	6839.3	6811.6	6784.2	6808.9	7065.7
7164.7	37.5°	7033.0	6901.4	6752.2	6603.4	6515.5	6427.3	6457.7	6488.1	6578.7	6803.2
6744.2	40°	6592.4	6441.0	6297.1	6153.3	6089.8	6026.2	6095.1	6164.0	6302.8	6506.4
6340.9	42.5°	6177.3	6013.7	5877.1	5740.9	5688.7	5637.0	5728.3	5819.6	5994.6	6182.2
5985.1	45°	5815.4	5645.7	5516.4	5387.0	5342.9	5299.5	5388.1	5477.2	5646.5	5836.7
5692.2	47.5°	5524.7	5357.3	5231.0	5104.3	5063.6	5022.5	5097.1	5171.6	5317.4	5562.8
5437.2	50°	5287.3	5137.4	5018.3	4898.8	4834.5	4770.6	4836.4	4902.6	5072.0	5394.6
5262.2	52.5°	5122.2	4982.5	4873.3	4763.8	4667.9	4571.6	4636.7	4702.1	4938.8	5309.8
5142.3	55°	5020.2	4897.7	4779.7	4661.8	4525.6	4389.0	4492.1	4595.6	4952.1	5297.2
5043.4	57.5°	4922.0	4801.0	4662.5	4524.0	4377.2	4230.3	4381.0	4531.7	4965.4	5269.8
4902.6	60°	4779.4	4656.5	4497.4	4338.4	4209.8	4080.8	4276.3	4471.5	4923.6	5124.5
4710.5	62.5°	4579.2	4447.9	4262.3	4077.0	3995.2	3913.4	4157.3	4401.5	4820.8	4845.6
4446.0	65°	4320.5	4194.9	3995.9	3797.3	3766.1	3734.5	3994.4	4253.9	4573.5	4570.5
4143.6	67.5°	4024.8	3905.7	3722.0	3538.6	3548.5	3558.4	3774.5	3990.6	4170.2	4178.6
3808.7	70°	3706.0	3603.3	3441.9	3280.6	3314.8	3349.1	3502.8	3656.5	3715.5	3715.5
3413.0	72.5°	3320.2	3227.3	3100.6	2973.5	3023.4	3073.6	3179.0	3284.4	3283.6	3246.4
2960.2	75°	2876.1	2792.0	2697.7	2603.3	2651.6	2699.6	2781.0	2862.1	2876.5	2704.5
2509.3	77.5°	2437.0	2364.8	2288.3	2211.4	2260.1	2308.8	2373.9	2439.0	2446.6	2163.1
2014.7	80°	1953.8	1892.9	1829.4	1765.5	1806.6	1847.3	1902.1	1956.5	1957.6	1619.0
1274.6	82.5°	1296.0	1317.3	1322.6	1327.9	1356.8	1385.8	1412.4	1439.0	1423.0	1133.9
652.5	85°	711.5	770.5	798.3	825.7	858.0	890.4	918.9	947.4	926.5	711.5
291.1	87.5°	336.4	381.3	382.4	383.5	389.6	395.7	407.1	418.5	391.9	302.5
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):

325°		330°	335°	340°	345°	350°	355°	360°
9915.6	0°	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6	9915.6
10067.0	2.5°	10150.8	10238.3	10325.8	10412.5	10499.7	10581.5	10663.3
10212.4	5°	10381.7	10562.8	10744.3	10924.3	11104.6	11285.4	11466.1
10352.8	7.5°	10589.1	10857.3	11125.6	11401.0	11676.5	11974.4	12272.8
10478.0	10°	10757.3	11083.3	11409.0	11772.8	12136.9	12514.0	12891.1
10531.6	12.5°	10847.8	11232.1	11616.4	12028.9	12441.3	12855.3	13269.6
10490.2	15°	10856.2	11298.7	11741.2	12188.7	12636.1	13068.0	13499.8
10309.4	17.5°	10749.6	11263.3	11777.0	12265.1	12753.3	13191.3	13629.2
9997.8	20°	10543.4	11165.9	11788.4	12324.9	12861.4	13316.8	13771.9
9632.1	22.5°	10289.3	11046.4	11803.6	12405.5	13007.1	13472.4	13937.4
9223.9	25°	9993.6	10928.5	11863.7	12551.7	13239.2	13694.7	14150.5
8850.6	27.5°	9710.1	10849.7	11989.3	12779.9	13570.2	14005.1	14439.7
8538.6	30°	9463.6	10812.8	12161.3	13075.6	13989.9	14409.6	14829.7
8269.6	32.5°	9223.9	10767.1	12309.7	13384.2	14458.7	14874.2	15290.1
8005.2	35°	8944.6	10681.2	12418.5	13735.7	15053.0	15451.4	15849.4
7693.9	37.5°	8584.6	10533.9	12483.2	14129.6	15775.9	16283.5	16791.1
7322.6	40°	8138.7	10331.1	12523.9	14629.5	16734.8	17474.5	18214.1
6912.8	42.5°	7643.3	10121.8	12601.1	15283.6	17966.0	19033.7	20101.4
6477.5	45°	7118.2	9927.4	12737.0	16144.3	19551.6	20991.7	22431.9
6133.1	47.5°	6703.5	9766.8	12830.2	17061.2	21292.3	23319.6	25346.4
5904.5	50°	6414.3	9591.8	12769.3	17912.0	23054.7	26110.8	29166.6
5753.8	52.5°	6198.2	9296.2	12394.5	18464.5	24534.1	29042.9	33551.7
5644.6	55°	5992.0	8806.1	11620.2	18342.7	25064.9	31642.4	38220.4
5515.2	57.5°	5760.6	8115.1	10469.2	17485.9	24502.9	33484.8	42466.7
5317.4	60°	5510.3	7217.9	8925.6	15891.2	22856.9	33945.2	45033.1
4973.4	62.5°	5101.6	6144.2	7186.7	13735.0	20283.2	32006.6	43729.9
4631.0	65°	4691.5	5178.1	5664.8	11535.0	17405.6	29263.6	41121.6
4145.1	67.5°	4111.2	4249.7	4387.8	9379.9	14371.9	25999.4	37626.8
3559.1	70°	3402.4	3363.2	3323.6	7385.3	11447.1	22437.6	33428.1
3024.5	72.5°	2802.3	2682.8	2563.8	5646.1	8728.5	18576.4	28424.6
2455.7	75°	2206.9	2098.8	1990.7	4097.9	6205.1	14150.1	22095.1
1921.5	77.5°	1679.9	1606.1	1532.6	2776.8	4021.0	9903.8	15786.6
1414.7	80°	1210.0	1179.5	1149.1	1789.1	2429.4	6380.8	10332.2
983.2	82.5°	832.5	826.4	821.1	1100.4	1380.4	3693.1	6006.1
601.2	85°	490.8	493.9	496.5	588.2	680.3	1661.2	2642.5
257.2	87.5°	212.3	215.0	217.6	243.9	270.1	544.1	818.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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