

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: P952127

Luminaire Tested: **GALN-SB6A-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952127
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-SB6A-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23569 lumens
Efficiency: N/A
Efficacy: 137.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

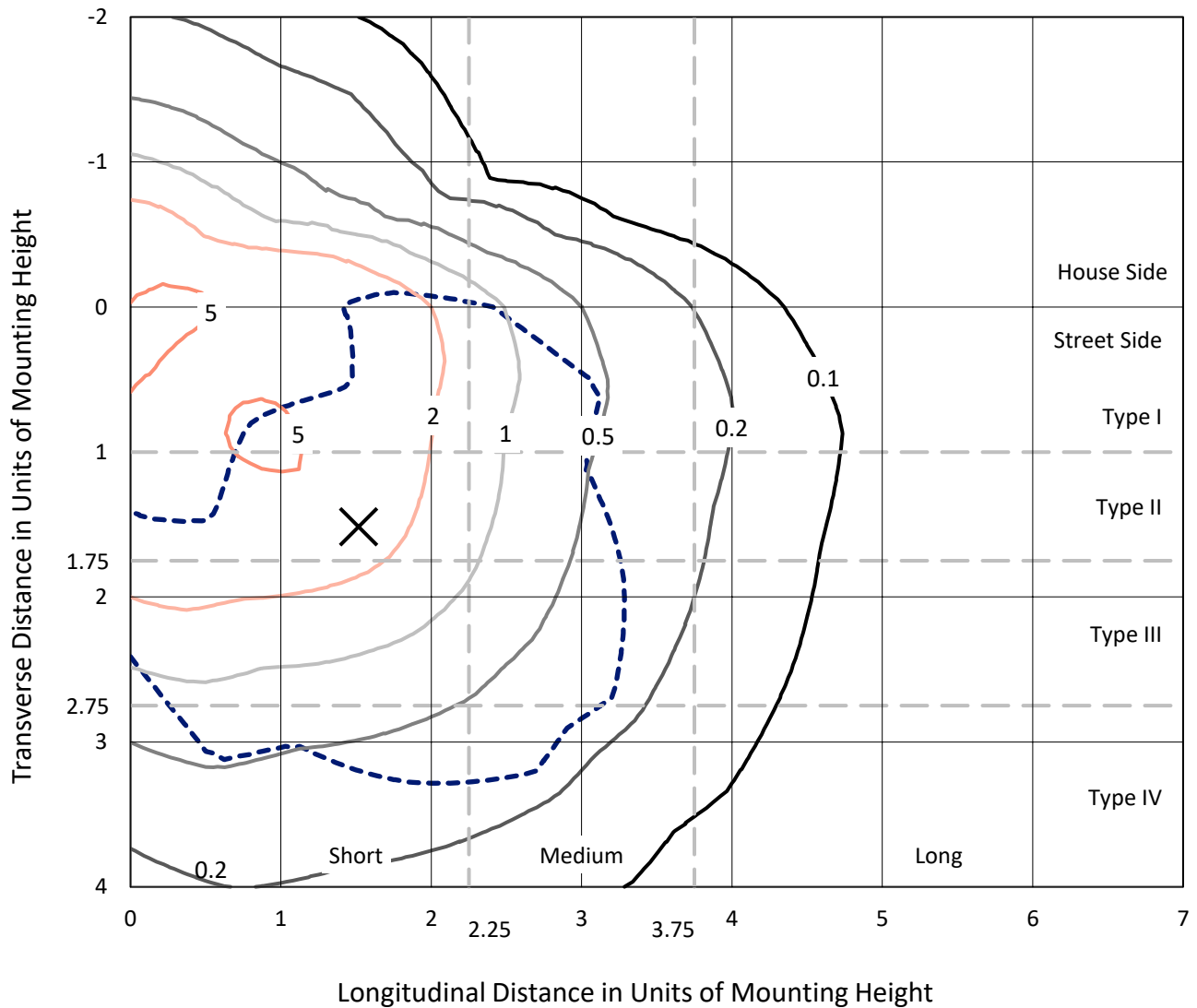
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

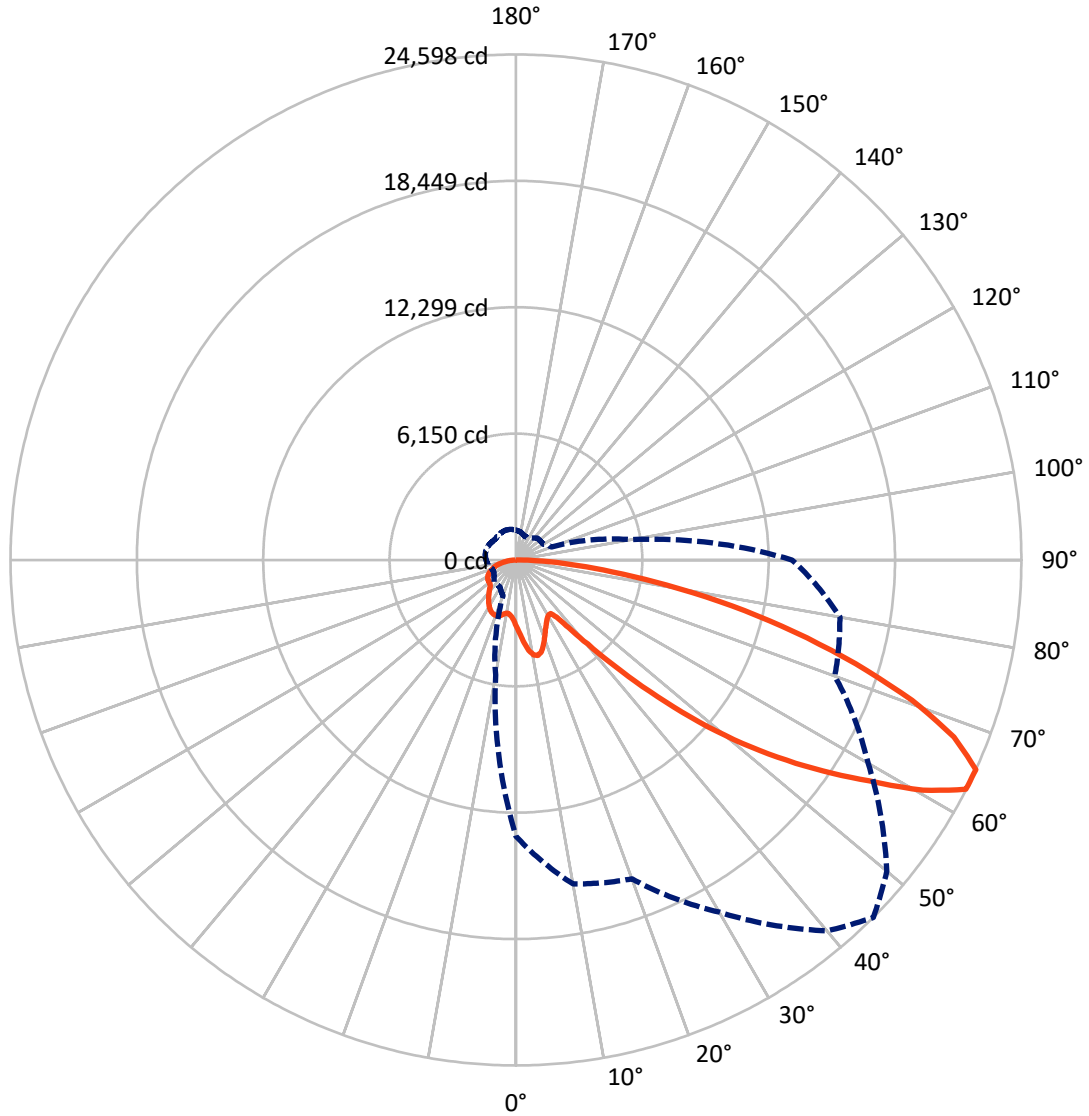
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 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	5990.1	0.0	5990.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	17579.0	0.0	17579.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	23569.0	0.0	23569.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.5	1.4
10°-20°	1009.3	4.3
20°-30°	1558.9	6.6
30°-40°	1975.6	8.4
40°-50°	2979.7	12.6
50°-60°	4814.1	20.4
60°-70°	6001.5	25.5
70°-80°	3935.5	16.7
80°-90°	973.0	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	23569.0	100.0
0°-180°	23569.0	100.0

Coefficient of Utilization



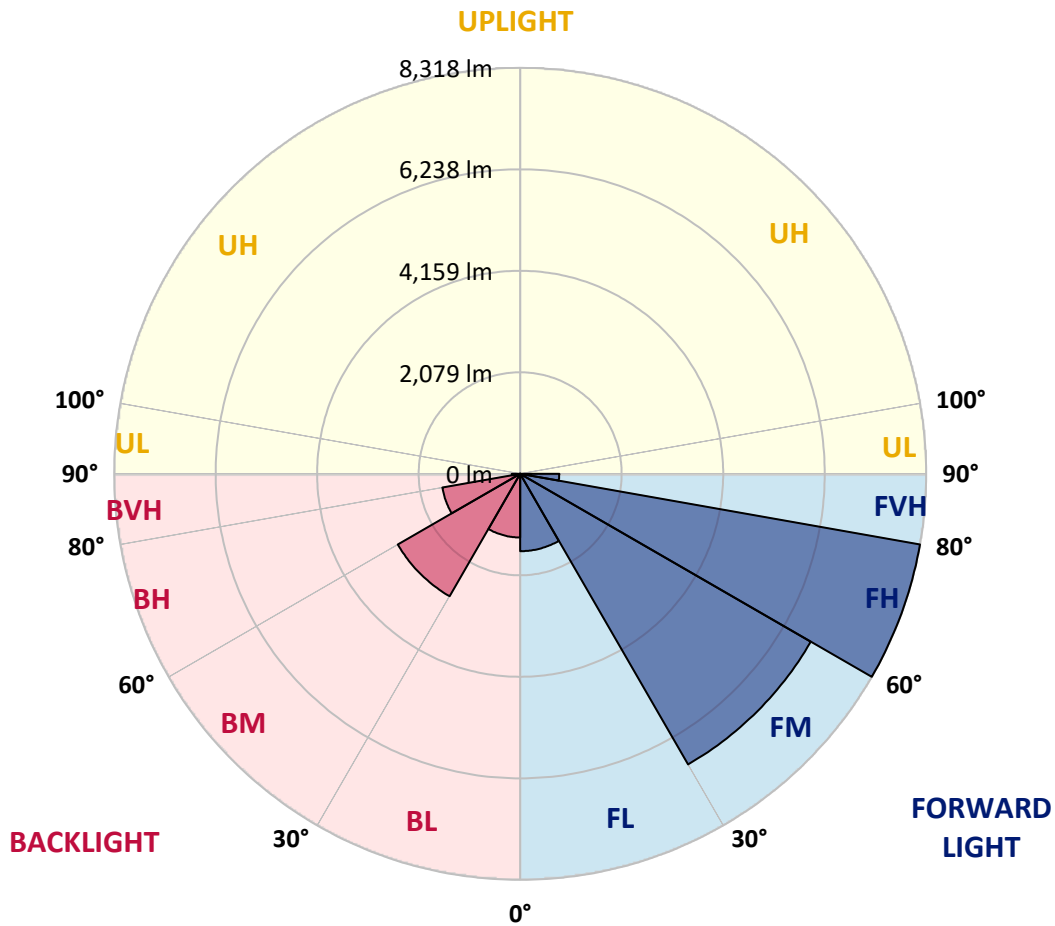
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1585.3	6.7			
FM (30°-60°)	6874.6	29.2			
FH (60°-80°)	8317.6	35.3			G4/12000
FVH (80°-90°)	801.5	3.4			G5
BL (0°-30°)	1304.4	5.5	B3/2500		
BM (30°-60°)	2894.8	12.3	B3/5000		
BH (60°-80°)	1619.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	171.5	0.7			G2/225
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°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
2.5°	3485.3	3498.5	3511.8	3530.6	3549.4	3560.6	3571.8	3577.3	3582.9	3580.5
5°	3747.7	3793.9	3840.1	3885.9	3931.8	3956.7	3981.5	3996.6	4011.8	4023.2
7.5°	4011.4	4086.5	4161.5	4229.0	4296.5	4337.2	4377.9	4399.9	4421.8	4432.4
10°	4213.5	4302.3	4391.1	4470.3	4549.5	4597.5	4645.3	4666.7	4687.9	4696.0
12.5°	4337.2	4433.5	4529.6	4601.2	4672.6	4707.4	4742.3	4754.0	4765.7	4766.9
15°	4412.5	4495.5	4578.5	4623.4	4668.4	4669.6	4670.9	4658.4	4646.0	4631.3
17.5°	4454.7	4510.8	4566.9	4567.8	4568.5	4518.2	4467.8	4421.7	4375.4	4342.8
20°	4501.4	4520.9	4540.6	4481.5	4422.4	4311.2	4200.0	4119.1	4038.1	3988.4
22.5°	4555.5	4529.9	4504.2	4381.9	4259.5	4095.9	3932.4	3831.2	3729.9	3675.0
25°	4625.1	4544.3	4463.4	4277.6	4091.8	3893.2	3694.6	3588.2	3482.0	3430.0
27.5°	4719.6	4575.1	4430.5	4184.4	3938.4	3718.3	3498.1	3393.4	3288.8	3239.7
30°	4847.1	4631.6	4416.2	4113.2	3810.3	3581.0	3351.6	3254.5	3157.4	3111.6
32.5°	4997.6	4702.5	4407.5	4064.7	3722.0	3506.5	3290.9	3214.7	3138.3	3105.4
35°	5180.4	4819.3	4458.2	4101.0	3744.0	3594.3	3444.6	3426.9	3409.1	3406.3
37.5°	5488.2	5063.4	4638.5	4314.0	3989.4	3979.7	3970.0	4051.3	4132.6	4174.9
40°	5953.3	5491.3	5029.3	4787.9	4546.5	4716.9	4887.3	5085.0	5282.8	5381.3
42.5°	6570.2	6111.8	5653.4	5514.3	5375.3	5746.9	6118.5	6478.2	6837.8	7049.0
45°	7331.9	6920.1	6508.2	6446.9	6385.5	6980.8	7576.3	8167.3	8758.4	9117.2
47.5°	8284.5	7884.0	7483.3	7470.8	7458.4	8317.3	9175.9	10041.1	10906.2	11414.2
50°	9533.2	9038.3	8543.6	8545.7	8547.8	9654.7	10761.5	11903.6	13045.6	13736.1
52.5°	10966.5	10367.3	9768.2	9707.6	9647.0	10969.1	12291.2	13704.2	15117.1	15944.8
55°	12492.4	11900.4	11308.5	11072.3	10836.1	12307.6	13779.0	15463.5	17148.0	18132.4
57.5°	13880.3	13558.0	13235.5	12761.8	12288.2	13774.0	15259.8	17167.8	19075.7	20296.3
60°	14719.2	15219.9	15720.7	15132.4	14544.2	15950.3	17356.3	19399.1	21441.9	22761.2
62.5°	14293.2	15661.4	17029.5	16963.2	16896.8	18184.8	19473.0	21416.6	23360.0	24579.4
65°	13440.7	14724.8	16008.8	16262.9	16516.9	18153.7	19790.8	21675.4	23559.9	24598.1
67.5°	12298.4	13519.7	14740.9	14860.1	14979.1	16684.6	18390.0	20282.7	22175.4	22988.8
70°	10926.0	12254.4	13582.8	13636.1	13689.4	15214.6	16739.7	18368.5	19997.2	20449.3
72.5°	9290.7	10815.0	12339.5	12377.8	12415.9	13609.2	14802.5	16022.4	17242.2	17287.9
75°	7221.9	8799.5	10377.2	10518.9	10660.5	11588.9	12517.3	13376.0	14234.8	14004.7
77.5°	5159.9	6632.6	8105.5	8308.2	8510.9	9216.7	9922.4	10531.4	11140.6	10745.1
80°	3377.1	4616.2	5855.1	6107.0	6359.0	6892.0	7424.8	7744.7	8064.4	7428.3
82.5°	1963.1	2810.1	3657.3	3938.8	4220.3	4587.2	4954.1	5087.5	5220.8	4720.9
85°	863.7	1313.3	1762.9	2002.3	2241.7	2543.1	2844.5	2920.2	2995.9	2595.5
87.5°	267.4	418.5	569.6	703.2	836.7	987.5	1138.2	1144.7	1151.0	966.3
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°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3582.9	2.5°	3577.3	3571.8	3560.6	3549.4	3530.6	3511.8	3498.5	3485.3	3458.6	3431.8
4011.8	5°	3996.6	3981.5	3956.7	3931.8	3885.9	3840.1	3793.9	3747.7	3688.7	3629.6
4421.8	7.5°	4399.9	4377.9	4337.2	4296.5	4229.0	4161.5	4086.5	4011.4	3913.9	3816.5
4687.9	10°	4666.7	4645.3	4597.5	4549.5	4470.3	4391.1	4302.3	4213.5	4090.2	3967.0
4765.7	12.5°	4754.0	4742.3	4707.4	4672.6	4601.2	4529.6	4433.5	4337.2	4201.8	4066.5
4646.0	15°	4658.4	4670.9	4669.6	4668.4	4623.4	4578.5	4495.5	4412.5	4271.3	4130.1
4375.4	17.5°	4421.7	4467.8	4518.2	4568.5	4567.8	4566.9	4510.8	4454.7	4311.6	4168.5
4038.1	20°	4119.1	4200.0	4311.2	4422.4	4481.5	4540.6	4520.9	4501.4	4352.6	4203.8
3729.9	22.5°	3831.2	3932.4	4095.9	4259.5	4381.9	4504.2	4529.9	4555.5	4403.5	4251.4
3482.0	25°	3588.2	3694.6	3893.2	4091.8	4277.6	4463.4	4544.3	4625.1	4476.1	4327.3
3288.8	27.5°	3393.4	3498.1	3718.3	3938.4	4184.4	4430.5	4575.1	4719.6	4577.6	4435.5
3157.4	30°	3254.5	3351.6	3581.0	3810.3	4113.2	4416.2	4631.6	4847.1	4709.8	4572.6
3138.3	32.5°	3214.7	3290.9	3506.5	3722.0	4064.7	4407.5	4702.5	4997.6	4861.7	4725.9
3409.1	35°	3426.9	3444.6	3594.3	3744.0	4101.0	4458.2	4819.3	5180.4	5050.3	4920.1
4132.6	37.5°	4051.3	3970.0	3979.7	3989.4	4314.0	4638.5	5063.4	5488.2	5322.3	5156.4
5282.8	40°	5085.0	4887.3	4716.9	4546.5	4787.9	5029.3	5491.3	5953.3	5711.6	5469.8
6837.8	42.5°	6478.2	6118.5	5746.9	5375.3	5514.3	5653.4	6111.8	6570.2	6221.2	5872.2
8758.4	45°	8167.3	7576.3	6980.8	6385.5	6446.9	6508.2	6920.1	7331.9	6861.2	6390.5
10906.2	47.5°	10041.1	9175.9	8317.3	7458.4	7470.8	7483.3	7884.0	8284.5	7622.1	6959.4
13045.6	50°	11903.6	10761.5	9654.7	8547.8	8545.7	8543.6	9038.3	9533.2	8534.4	7535.5
15117.1	52.5°	13704.2	12291.2	10969.1	9647.0	9707.6	9768.2	10367.3	10966.5	9492.7	8019.0
17148.0	55°	15463.5	13779.0	12307.6	10836.1	11072.3	11308.5	11900.4	12492.4	10342.4	8192.5
19075.7	57.5°	17167.8	15259.8	13774.0	12288.2	12761.8	13235.5	13558.0	13880.3	10944.6	8008.8
21441.9	60°	19399.1	17356.3	15950.3	14544.2	15132.4	15720.7	15219.9	14719.2	11095.1	7470.8
23360.0	62.5°	21416.6	19473.0	18184.8	16896.8	16963.2	17029.5	15661.4	14293.2	10461.4	6629.6
23559.9	65°	21675.4	19790.8	18153.7	16516.9	16262.9	16008.8	14724.8	13440.7	9564.9	5689.1
22175.4	67.5°	20282.7	18390.0	16684.6	14979.1	14860.1	14740.9	13519.7	12298.4	8498.0	4697.5
19997.2	70°	18368.5	16739.7	15214.6	13689.4	13636.1	13582.8	12254.4	10926.0	7333.8	3741.5
17242.2	72.5°	16022.4	14802.5	13609.2	12415.9	12377.8	12339.5	10815.0	9290.7	6071.7	2852.9
14234.8	75°	13376.0	12517.3	11588.9	10660.5	10518.9	10377.2	8799.5	7221.9	4625.0	2028.1
11140.6	77.5°	10531.4	9922.4	9216.7	8510.9	8308.2	8105.5	6632.6	5159.9	3237.1	1314.3
8064.4	80°	7744.7	7424.8	6892.0	6359.0	6107.0	5855.1	4616.2	3377.1	2085.6	794.1
5220.8	82.5°	5087.5	4954.1	4587.2	4220.3	3938.8	3657.3	2810.1	1963.1	1207.1	451.2
2995.9	85°	2920.2	2844.5	2543.1	2241.7	2002.3	1762.9	1313.3	863.7	543.0	222.4
1151.0	87.5°	1144.7	1138.2	987.5	836.7	703.2	569.6	418.5	267.4	177.8	88.3
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3403.4	2.5°	3375.0	3346.4	3317.8	3290.4	3263.1	3236.6	3207.1	3183.2	3159.5	3138.0
3570.6	5°	3511.8	3452.5	3393.3	3337.9	3282.6	3230.4	3178.8	3133.7	3088.6	3050.8
3726.5	7.5°	3636.4	3548.7	3461.1	3383.8	3306.6	3235.3	3168.6	3108.6	3048.8	2999.1
3848.0	10°	3729.1	3622.6	3516.0	3424.8	3333.2	3245.3	3173.5	3110.4	3047.2	2997.4
3931.7	12.5°	3796.9	3671.2	3545.6	3442.3	3338.9	3246.5	3179.8	3128.0	3076.5	3043.4
3983.9	15°	3837.6	3693.0	3548.4	3428.7	3309.1	3206.7	3153.3	3128.5	3103.9	3108.4
4008.9	17.5°	3849.3	3681.4	3513.5	3369.7	3225.8	3105.4	3072.4	3081.5	3090.5	3144.7
4028.4	20°	3853.1	3649.6	3446.1	3267.8	3089.5	2949.3	2940.6	2982.9	3025.2	3119.3
4054.8	22.5°	3858.0	3610.6	3363.1	3148.3	2933.5	2774.0	2791.0	2853.5	2916.1	3023.6
4102.5	25°	3877.7	3572.0	3266.4	3014.8	2763.4	2599.8	2645.9	2718.0	2790.1	2886.8
4177.2	27.5°	3918.7	3546.3	3173.8	2892.8	2611.9	2463.0	2519.0	2588.6	2658.3	2737.8
4273.8	30°	3974.9	3534.2	3093.2	2790.9	2488.5	2363.5	2407.4	2462.7	2518.1	2584.0
4374.6	32.5°	4023.4	3519.3	3014.8	2702.9	2390.9	2290.2	2309.7	2342.4	2375.1	2427.7
4489.6	35°	4059.0	3491.2	2923.6	2616.5	2309.4	2225.5	2217.4	2226.4	2235.5	2275.6
4618.3	37.5°	4080.2	3443.0	2805.9	2514.8	2223.6	2150.3	2120.7	2110.7	2100.8	2129.6
4781.7	40°	4093.5	3376.7	2660.2	2393.4	2126.6	2060.1	2014.7	1992.2	1969.7	1990.5
4995.5	42.5°	4118.7	3308.3	2498.2	2259.5	2020.7	1959.4	1902.2	1872.3	1842.5	1859.4
5276.8	45°	4163.1	3244.8	2326.6	2117.2	1907.8	1845.6	1790.2	1761.1	1732.1	1746.3
5576.5	47.5°	4193.6	3192.3	2191.1	2004.6	1818.2	1738.0	1690.4	1666.0	1641.6	1655.0
5854.6	50°	4173.7	3135.1	2096.5	1929.9	1763.2	1657.8	1602.4	1580.8	1559.3	1580.2
6035.2	52.5°	4051.2	3038.5	2025.9	1880.6	1735.5	1614.3	1536.9	1515.5	1494.2	1525.7
5995.4	55°	3798.1	2878.3	1958.5	1844.9	1731.4	1618.6	1502.1	1468.2	1434.5	1479.2
5715.3	57.5°	3421.9	2652.4	1882.9	1802.7	1722.4	1623.0	1481.2	1431.9	1382.7	1430.7
5194.1	60°	2917.3	2359.2	1801.0	1738.0	1674.9	1609.3	1461.5	1397.7	1333.8	1376.0
4489.3	62.5°	2349.0	2008.2	1667.5	1625.6	1583.8	1575.7	1438.6	1358.8	1279.1	1305.8
3770.2	65°	1851.5	1692.5	1533.4	1513.6	1493.9	1494.9	1390.4	1305.6	1220.6	1231.0
3065.8	67.5°	1434.2	1389.0	1343.8	1354.8	1365.8	1363.0	1304.3	1233.7	1163.1	1159.8
2413.9	70°	1086.3	1099.3	1112.1	1163.3	1214.4	1214.4	1195.1	1144.9	1094.7	1083.5
1845.4	72.5°	838.0	876.9	915.9	988.6	1061.1	1073.3	1073.5	1039.1	1004.6	988.2
1339.4	75°	650.7	686.0	721.3	802.6	884.0	940.2	935.5	909.0	882.4	866.7
907.6	77.5°	500.9	524.9	549.1	628.0	707.0	799.7	797.2	775.9	754.6	738.7
584.8	80°	375.6	385.5	395.5	462.4	529.2	639.9	639.5	621.7	603.8	590.5
359.7	82.5°	268.4	270.1	272.1	321.4	370.6	465.1	470.3	461.6	452.9	443.5
192.3	85°	162.3	161.4	160.4	196.5	232.6	302.8	309.7	300.3	291.0	280.4
79.7	87.5°	71.1	70.3	69.4	84.1	98.9	128.1	136.8	133.1	129.3	127.3
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3116.6	2.5°	3097.8	3079.0	3060.1	3041.3	3026.8	3012.1	3000.3	2988.5	2979.3	2970.1
3013.1	5°	2979.8	2946.4	2916.2	2885.9	2862.6	2839.2	2823.0	2806.7	2795.1	2783.5
2949.3	7.5°	2907.4	2865.4	2828.3	2791.4	2763.6	2736.0	2716.6	2697.2	2683.9	2670.7
2947.7	10°	2902.5	2857.3	2815.6	2774.0	2740.9	2707.7	2686.0	2664.1	2651.6	2639.0
3010.6	12.5°	2975.0	2939.7	2896.6	2853.5	2811.3	2769.0	2741.0	2713.0	2699.0	2685.0
3112.8	15°	3103.6	3094.4	3057.0	3019.6	2959.4	2899.2	2856.7	2814.1	2794.6	2775.2
3198.9	17.5°	3227.8	3256.5	3226.3	3196.2	3116.5	3036.7	2974.1	2911.4	2882.5	2853.5
3213.6	20°	3273.9	3334.2	3320.3	3306.2	3215.1	3124.0	3047.2	2970.4	2933.5	2896.5
3131.3	22.5°	3209.7	3288.2	3296.7	3305.0	3217.9	3130.9	3051.8	2972.6	2933.6	2894.6
2983.5	25°	3060.7	3138.0	3166.8	3195.5	3124.2	3052.9	2982.5	2912.4	2878.5	2844.8
2817.1	27.5°	2879.0	2941.0	2973.1	3005.3	2954.4	2903.7	2849.1	2794.5	2771.8	2749.1
2650.0	30°	2701.3	2752.8	2778.9	2805.0	2766.4	2727.6	2688.5	2649.2	2637.6	2626.0
2480.5	32.5°	2529.7	2579.1	2608.0	2637.2	2601.6	2565.9	2534.7	2503.5	2495.9	2488.3
2315.7	35°	2364.4	2413.3	2448.1	2482.9	2457.6	2432.3	2403.5	2374.7	2363.2	2351.7
2158.3	37.5°	2207.0	2255.7	2298.8	2341.8	2330.1	2318.4	2291.9	2265.3	2244.3	2223.4
2011.2	40°	2058.2	2105.2	2154.7	2204.4	2207.2	2210.0	2187.4	2164.9	2134.3	2104.0
1876.4	42.5°	1920.9	1965.6	2019.1	2072.5	2086.8	2101.1	2082.1	2063.2	2025.3	1987.3
1760.8	45°	1803.0	1845.3	1900.8	1956.3	1976.8	1997.3	1980.1	1963.1	1919.7	1876.4
1668.4	47.5°	1709.8	1751.1	1805.8	1860.5	1884.1	1907.8	1895.8	1883.9	1845.3	1806.8
1601.2	50°	1640.2	1679.2	1728.2	1777.2	1807.5	1837.9	1837.1	1836.6	1805.8	1774.9
1557.0	52.5°	1592.9	1628.6	1674.2	1720.0	1755.9	1791.8	1798.3	1804.8	1779.7	1754.5
1523.7	55°	1562.3	1600.8	1640.9	1680.8	1718.8	1757.0	1766.0	1774.9	1753.0	1731.2
1478.7	57.5°	1524.0	1569.2	1608.8	1648.5	1686.9	1725.2	1734.3	1743.3	1721.2	1699.1
1418.0	60°	1470.0	1522.0	1562.1	1602.4	1641.0	1679.5	1689.5	1699.4	1677.8	1656.3
1332.6	62.5°	1393.1	1453.8	1496.7	1539.6	1575.0	1610.3	1619.8	1629.4	1609.9	1590.4
1241.2	65°	1306.1	1371.1	1412.2	1453.2	1484.3	1515.4	1525.2	1534.9	1516.1	1497.3
1156.6	67.5°	1216.5	1276.6	1315.5	1354.3	1381.2	1408.1	1417.6	1427.1	1409.8	1392.6
1072.3	70°	1125.0	1177.7	1211.3	1244.9	1269.1	1293.4	1302.6	1311.8	1297.7	1283.7
971.9	72.5°	1013.4	1054.9	1085.2	1115.6	1139.3	1163.1	1174.0	1184.9	1173.3	1161.6
850.9	75°	881.7	912.6	940.1	967.6	989.2	1010.8	1022.3	1033.7	1028.0	1022.3
722.8	77.5°	747.9	772.9	796.6	820.2	842.9	865.6	876.3	887.0	879.0	870.8
577.1	80°	597.9	618.7	638.6	658.5	675.8	693.0	707.1	721.3	717.8	714.5
434.0	82.5°	432.3	430.6	423.6	416.6	453.4	490.2	514.4	538.5	537.0	535.4
269.9	85°	260.9	251.8	232.6	213.3	247.7	282.3	312.2	342.0	339.5	337.0
125.4	87.5°	125.0	124.6	109.9	95.1	109.6	124.1	136.2	148.2	145.3	142.0
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°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
2961.6	2.5°	2953.0	2942.5	2953.0	2961.6	2970.1	2979.3	2988.5	3000.3	3012.1	3026.8
2774.7	5°	2765.9	2757.2	2765.9	2774.7	2783.5	2795.1	2806.7	2823.0	2839.2	2862.6
2662.8	7.5°	2654.9	2649.0	2654.9	2662.8	2670.7	2683.9	2697.2	2716.6	2736.0	2763.6
2632.3	10°	2625.6	2622.8	2625.6	2632.3	2639.0	2651.6	2664.1	2686.0	2707.7	2740.9
2679.3	12.5°	2673.6	2672.6	2673.6	2679.3	2685.0	2699.0	2713.0	2741.0	2769.0	2811.3
2767.7	15°	2760.3	2759.6	2760.3	2767.7	2775.2	2794.6	2814.1	2856.7	2899.2	2959.4
2844.1	17.5°	2834.5	2833.0	2834.5	2844.1	2853.5	2882.5	2911.4	2974.1	3036.7	3116.5
2884.6	20°	2872.8	2869.1	2872.8	2884.6	2896.5	2933.5	2970.4	3047.2	3124.0	3215.1
2881.5	22.5°	2868.5	2862.9	2868.5	2881.5	2894.6	2933.6	2972.6	3051.8	3130.9	3217.9
2832.5	25°	2820.3	2813.1	2820.3	2832.5	2844.8	2878.5	2912.4	2982.5	3052.9	3124.2
2743.5	27.5°	2737.9	2736.0	2737.9	2743.5	2749.1	2771.8	2794.5	2849.1	2903.7	2954.4
2626.0	30°	2626.0	2627.8	2626.0	2626.0	2626.0	2637.6	2649.2	2688.5	2727.6	2766.4
2489.3	32.5°	2490.4	2492.3	2490.4	2489.3	2488.3	2495.9	2503.5	2534.7	2565.9	2601.6
2349.2	35°	2346.8	2345.5	2346.8	2349.2	2351.7	2363.2	2374.7	2403.5	2432.3	2457.6
2212.3	37.5°	2201.3	2195.0	2201.3	2212.3	2223.4	2244.3	2265.3	2291.9	2318.4	2330.1
2083.4	40°	2063.0	2050.8	2063.0	2083.4	2104.0	2134.3	2164.9	2187.4	2210.0	2207.2
1957.4	42.5°	1927.4	1907.8	1927.4	1957.4	1987.3	2025.3	2063.2	2082.1	2101.1	2086.8
1841.2	45°	1806.0	1783.4	1806.0	1841.2	1876.4	1919.7	1963.1	1980.1	1997.3	1976.8
1774.2	47.5°	1741.7	1720.0	1741.7	1774.2	1806.8	1845.3	1883.9	1895.8	1907.8	1884.1
1744.8	50°	1714.7	1693.8	1714.7	1744.8	1774.9	1805.8	1836.6	1837.1	1837.9	1807.5
1727.5	52.5°	1700.7	1681.4	1700.7	1727.5	1754.5	1779.7	1804.8	1798.3	1791.8	1755.9
1707.5	55°	1683.9	1666.5	1683.9	1707.5	1731.2	1753.0	1774.9	1766.0	1757.0	1718.8
1675.7	57.5°	1652.2	1634.2	1652.2	1675.7	1699.1	1721.2	1743.3	1734.3	1725.2	1686.9
1632.2	60°	1608.0	1589.4	1608.0	1632.2	1656.3	1677.8	1699.4	1689.5	1679.5	1641.0
1565.0	62.5°	1539.6	1517.2	1539.6	1565.0	1590.4	1609.9	1629.4	1619.8	1610.3	1575.0
1472.7	65°	1448.2	1428.9	1448.2	1472.7	1497.3	1516.1	1534.9	1525.2	1515.4	1484.3
1369.8	67.5°	1346.9	1329.5	1346.9	1369.8	1392.6	1409.8	1427.1	1417.6	1408.1	1381.2
1261.8	70°	1239.9	1220.0	1239.9	1261.8	1283.7	1297.7	1311.8	1302.6	1293.4	1269.1
1140.7	72.5°	1119.9	1100.6	1119.9	1140.7	1161.6	1173.3	1184.9	1174.0	1163.1	1139.3
1004.7	75°	987.2	968.8	987.2	1004.7	1022.3	1028.0	1033.7	1022.3	1010.8	989.2
853.1	77.5°	835.5	820.8	835.5	853.1	870.8	879.0	887.0	876.3	865.6	842.9
690.7	80°	666.8	639.2	666.8	690.7	714.5	717.8	721.3	707.1	693.0	675.8
515.4	82.5°	495.2	477.6	495.2	515.4	535.4	537.0	538.5	514.4	490.2	453.4
321.4	85°	305.7	289.8	305.7	321.4	337.0	339.5	342.0	312.2	282.3	247.7
134.1	87.5°	125.9	118.1	125.9	134.1	142.0	145.3	148.2	136.2	124.1	109.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3041.3	2.5°	3060.1	3079.0	3097.8	3116.6	3138.0	3159.5	3183.2	3207.1	3236.6	3263.1
2885.9	5°	2916.2	2946.4	2979.8	3013.1	3050.8	3088.6	3133.7	3178.8	3230.4	3282.6
2791.4	7.5°	2828.3	2865.4	2907.4	2949.3	2999.1	3048.8	3108.6	3168.6	3235.3	3306.6
2774.0	10°	2815.6	2857.3	2902.5	2947.7	2997.4	3047.2	3110.4	3173.5	3245.3	3333.2
2853.5	12.5°	2896.6	2939.7	2975.0	3010.6	3043.4	3076.5	3128.0	3179.8	3246.5	3338.9
3019.6	15°	3057.0	3094.4	3103.6	3112.8	3108.4	3103.9	3128.5	3153.3	3206.7	3309.1
3196.2	17.5°	3226.3	3256.5	3227.8	3198.9	3144.7	3090.5	3081.5	3072.4	3105.4	3225.8
3306.2	20°	3320.3	3334.2	3273.9	3213.6	3119.3	3025.2	2982.9	2940.6	2949.3	3089.5
3305.0	22.5°	3296.7	3288.2	3209.7	3131.3	3023.6	2916.1	2853.5	2791.0	2774.0	2933.5
3195.5	25°	3166.8	3138.0	3060.7	2983.5	2886.8	2790.1	2718.0	2645.9	2599.8	2763.4
3005.3	27.5°	2973.1	2941.0	2879.0	2817.1	2737.8	2658.3	2588.6	2519.0	2463.0	2611.9
2805.0	30°	2778.9	2752.8	2701.3	2650.0	2584.0	2518.1	2462.7	2407.4	2363.5	2488.5
2637.2	32.5°	2608.0	2579.1	2529.7	2480.5	2427.7	2375.1	2342.4	2309.7	2290.2	2390.9
2482.9	35°	2448.1	2413.3	2364.4	2315.7	2275.6	2235.5	2226.4	2217.4	2225.5	2309.4
2341.8	37.5°	2298.8	2255.7	2207.0	2158.3	2129.6	2100.8	2110.7	2120.7	2150.3	2223.6
2204.4	40°	2154.7	2105.2	2058.2	2011.2	1990.5	1969.7	1992.2	2014.7	2060.1	2126.6
2072.5	42.5°	2019.1	1965.6	1920.9	1876.4	1859.4	1842.5	1872.3	1902.2	1959.4	2020.7
1956.3	45°	1900.8	1845.3	1803.0	1760.8	1746.3	1732.1	1761.1	1790.2	1845.6	1907.8
1860.5	47.5°	1805.8	1751.1	1709.8	1668.4	1655.0	1641.6	1666.0	1690.4	1738.0	1818.2
1777.2	50°	1728.2	1679.2	1640.2	1601.2	1580.2	1559.3	1580.8	1602.4	1657.8	1763.2
1720.0	52.5°	1674.2	1628.6	1592.9	1557.0	1525.7	1494.2	1515.5	1536.9	1614.3	1735.5
1680.8	55°	1640.9	1600.8	1562.3	1523.7	1479.2	1434.5	1468.2	1502.1	1618.6	1731.4
1648.5	57.5°	1608.8	1569.2	1524.0	1478.7	1430.7	1382.7	1431.9	1481.2	1623.0	1722.4
1602.4	60°	1562.1	1522.0	1470.0	1418.0	1376.0	1333.8	1397.7	1461.5	1609.3	1674.9
1539.6	62.5°	1496.7	1453.8	1393.1	1332.6	1305.8	1279.1	1358.8	1438.6	1575.7	1583.8
1453.2	65°	1412.2	1371.1	1306.1	1241.2	1231.0	1220.6	1305.6	1390.4	1494.9	1493.9
1354.3	67.5°	1315.5	1276.6	1216.5	1156.6	1159.8	1163.1	1233.7	1304.3	1363.0	1365.8
1244.9	70°	1211.3	1177.7	1125.0	1072.3	1083.5	1094.7	1144.9	1195.1	1214.4	1214.4
1115.6	72.5°	1085.2	1054.9	1013.4	971.9	988.2	1004.6	1039.1	1073.5	1073.3	1061.1
967.6	75°	940.1	912.6	881.7	850.9	866.7	882.4	909.0	935.5	940.2	884.0
820.2	77.5°	796.6	772.9	747.9	722.8	738.7	754.6	775.9	797.2	799.7	707.0
658.5	80°	638.6	618.7	597.9	577.1	590.5	603.8	621.7	639.5	639.9	529.2
416.6	82.5°	423.6	430.6	432.3	434.0	443.5	452.9	461.6	470.3	465.1	370.6
213.3	85°	232.6	251.8	260.9	269.9	280.4	291.0	300.3	309.7	302.8	232.6
95.1	87.5°	109.9	124.6	125.0	125.4	127.3	129.3	133.1	136.8	128.1	98.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
3240.9	0°	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9	3240.9
3290.4	2.5°	3317.8	3346.4	3375.0	3403.4	3431.8	3458.6	3485.3
3337.9	5°	3393.3	3452.5	3511.8	3570.6	3629.6	3688.7	3747.7
3383.8	7.5°	3461.1	3548.7	3636.4	3726.5	3816.5	3913.9	4011.4
3424.8	10°	3516.0	3622.6	3729.1	3848.0	3967.0	4090.2	4213.5
3442.3	12.5°	3545.6	3671.2	3796.9	3931.7	4066.5	4201.8	4337.2
3428.7	15°	3548.4	3693.0	3837.6	3983.9	4130.1	4271.3	4412.5
3369.7	17.5°	3513.5	3681.4	3849.3	4008.9	4168.5	4311.6	4454.7
3267.8	20°	3446.1	3649.6	3853.1	4028.4	4203.8	4352.6	4501.4
3148.3	22.5°	3363.1	3610.6	3858.0	4054.8	4251.4	4403.5	4555.5
3014.8	25°	3266.4	3572.0	3877.7	4102.5	4327.3	4476.1	4625.1
2892.8	27.5°	3173.8	3546.3	3918.7	4177.2	4435.5	4577.6	4719.6
2790.9	30°	3093.2	3534.2	3974.9	4273.8	4572.6	4709.8	4847.1
2702.9	32.5°	3014.8	3519.3	4023.4	4374.6	4725.9	4861.7	4997.6
2616.5	35°	2923.6	3491.2	4059.0	4489.6	4920.1	5050.3	5180.4
2514.8	37.5°	2805.9	3443.0	4080.2	4618.3	5156.4	5322.3	5488.2
2393.4	40°	2660.2	3376.7	4093.5	4781.7	5469.8	5711.6	5953.3
2259.5	42.5°	2498.2	3308.3	4118.7	4995.5	5872.2	6221.2	6570.2
2117.2	45°	2326.6	3244.8	4163.1	5276.8	6390.5	6861.2	7331.9
2004.6	47.5°	2191.1	3192.3	4193.6	5576.5	6959.4	7622.1	8284.5
1929.9	50°	2096.5	3135.1	4173.7	5854.6	7535.5	8534.4	9533.2
1880.6	52.5°	2025.9	3038.5	4051.2	6035.2	8019.0	9492.7	10966.5
1844.9	55°	1958.5	2878.3	3798.1	5995.4	8192.5	10342.4	12492.4
1802.7	57.5°	1882.9	2652.4	3421.9	5715.3	8008.8	10944.6	13880.3
1738.0	60°	1801.0	2359.2	2917.3	5194.1	7470.8	11095.1	14719.2
1625.6	62.5°	1667.5	2008.2	2349.0	4489.3	6629.6	10461.4	14293.2
1513.6	65°	1533.4	1692.5	1851.5	3770.2	5689.1	9564.9	13440.7
1354.8	67.5°	1343.8	1389.0	1434.2	3065.8	4697.5	8498.0	12298.4
1163.3	70°	1112.1	1099.3	1086.3	2413.9	3741.5	7333.8	10926.0
988.6	72.5°	915.9	876.9	838.0	1845.4	2852.9	6071.7	9290.7
802.6	75°	721.3	686.0	650.7	1339.4	2028.1	4625.0	7221.9
628.0	77.5°	549.1	524.9	500.9	907.6	1314.3	3237.1	5159.9
462.4	80°	395.5	385.5	375.6	584.8	794.1	2085.6	3377.1
321.4	82.5°	272.1	270.1	268.4	359.7	451.2	1207.1	1963.1
196.5	85°	160.4	161.4	162.3	192.3	222.4	543.0	863.7
84.1	87.5°	69.4	70.3	71.1	79.7	88.3	177.8	267.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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