

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: P952190

Luminaire Tested: **GALN-SB6A-840-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952190  
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-840-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 80 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

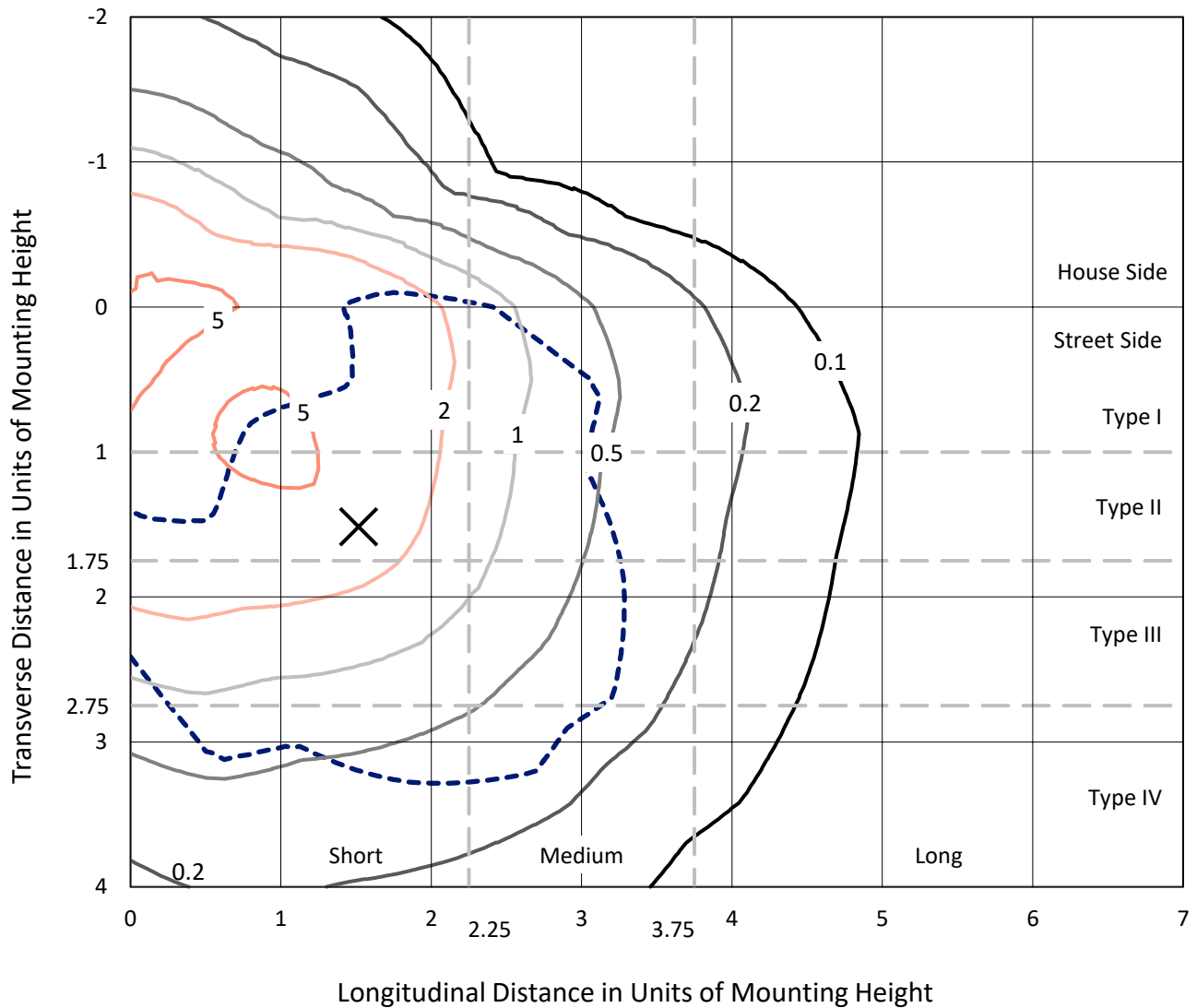
Lumens per Lamp: N/A  
Luminaire Lumens: 25926 lumens  
Efficiency: N/A  
Efficacy: 151.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

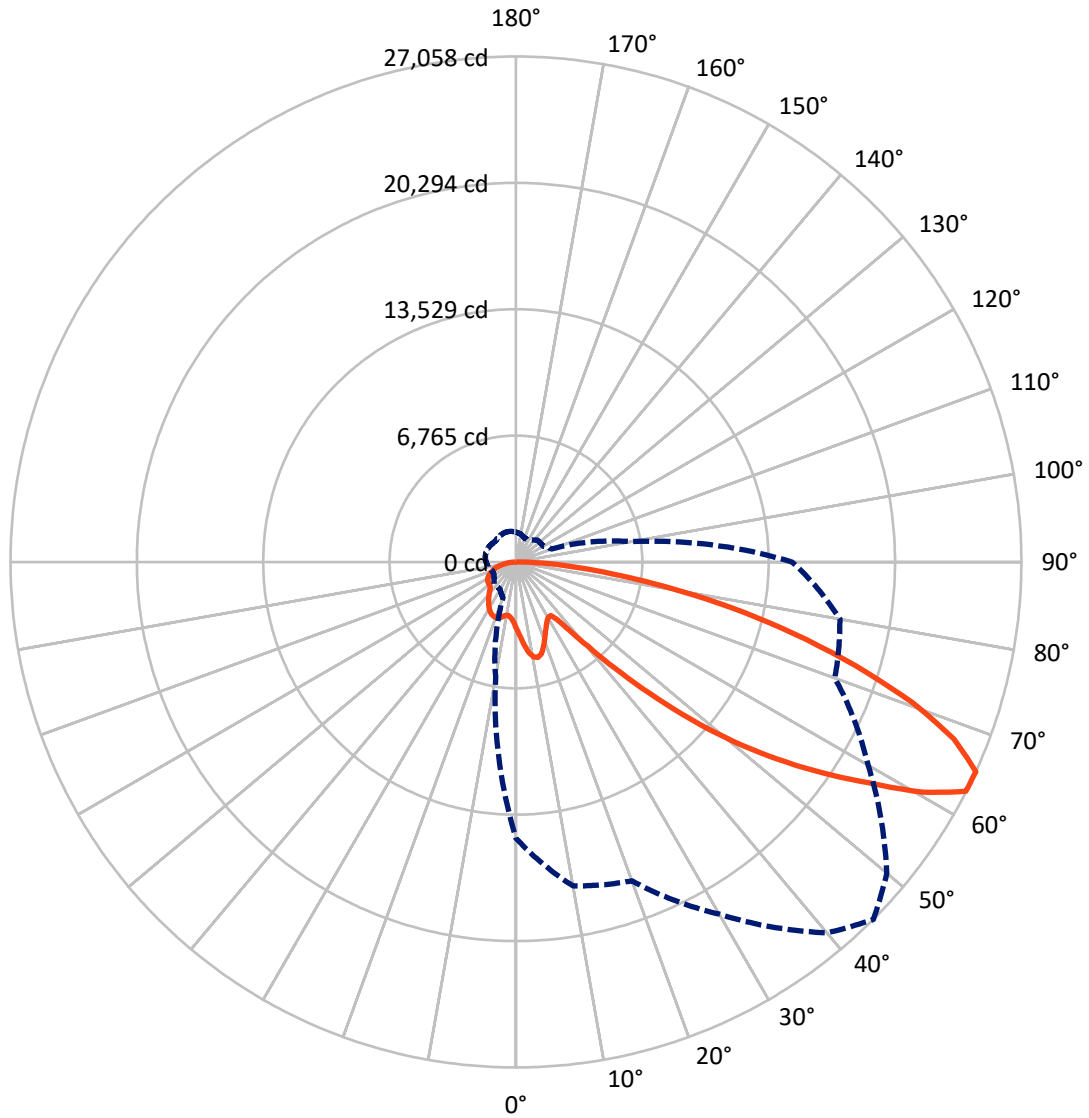
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.9 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
<b>House Side</b>	Lumens	6589.1	0.0	6589.1
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	19336.9	0.0	19336.9
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	25926.0	0.0	25926.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	353.6	1.4
10°-20°	1110.2	4.3
20°-30°	1714.8	6.6
30°-40°	2173.1	8.4
40°-50°	3277.6	12.6
50°-60°	5295.5	20.4
60°-70°	6601.7	25.5
70°-80°	4329.1	16.7
80°-90°	1070.3	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°	25926.0	100.0
0°-180°	25926.0	100.0



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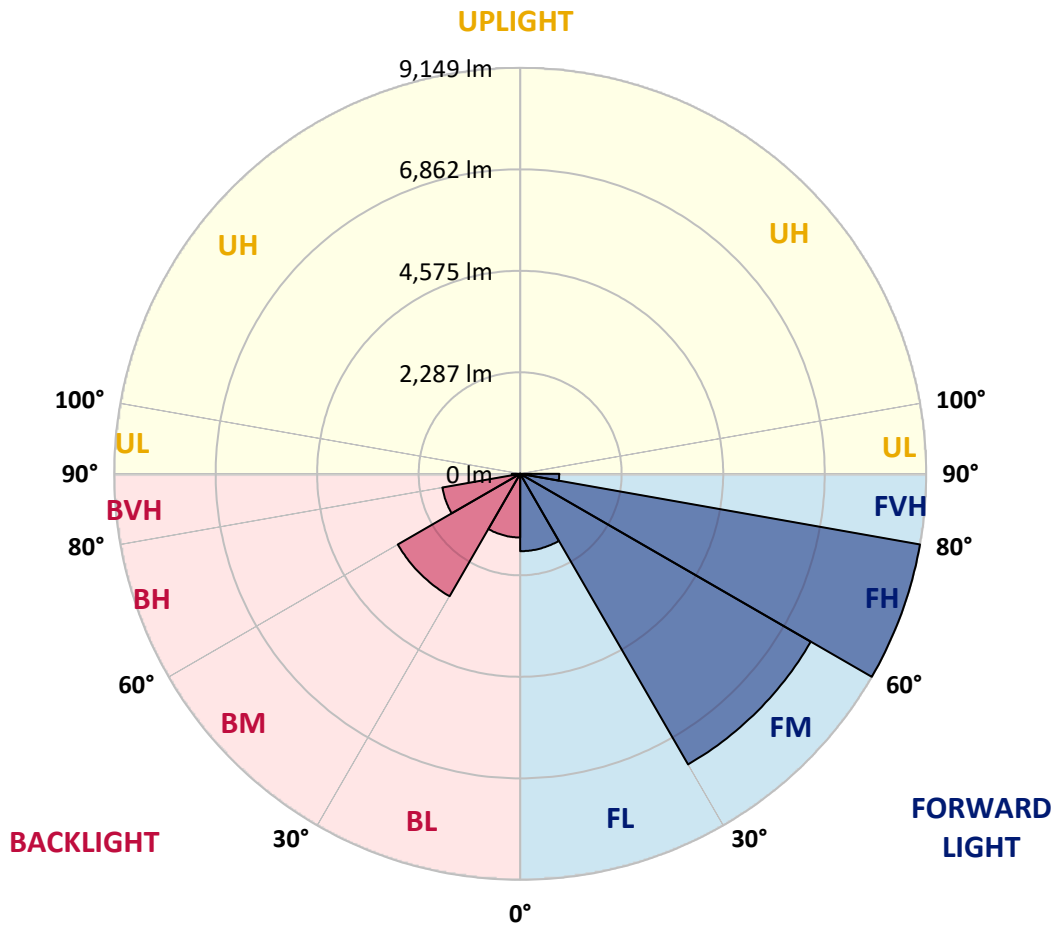
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1743.8	6.7			
FM (30°-60°)	7562.0	29.2			
FH (60°-80°)	9149.4	35.3			G4/12000
FVH (80°-90°)	881.7	3.4			G5
BL (0°-30°)	1434.9	5.5	B3/2500		
BM (30°-60°)	3184.3	12.3	B3/5000		
BH (60°-80°)	1781.4	6.9	B3/2500		G3/2500
BVH (80°-90°)	188.6	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°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
2.5°	3833.9	3848.4	3863.0	3883.7	3904.3	3916.6	3928.9	3935.1	3941.3	3938.5
5°	4122.5	4173.3	4224.2	4274.5	4325.0	4352.3	4379.7	4396.3	4412.9	4425.5
7.5°	4412.5	4495.2	4577.7	4651.9	4726.2	4771.0	4815.7	4839.9	4864.0	4875.6
10°	4634.8	4732.5	4830.2	4917.3	5004.5	5057.3	5109.8	5133.3	5156.7	5165.6
12.5°	4771.0	4876.8	4982.6	5061.4	5139.9	5178.2	5216.5	5229.4	5242.2	5243.6
15°	4853.7	4945.1	5036.3	5085.7	5135.3	5136.6	5138.0	5124.3	5110.6	5094.5
17.5°	4900.2	4961.9	5023.6	5024.6	5025.4	4970.0	4914.6	4863.8	4813.0	4777.1
20°	4951.5	4973.0	4994.6	4929.6	4864.7	4742.4	4620.1	4531.0	4441.9	4387.2
22.5°	5011.0	4982.9	4954.7	4820.1	4685.5	4505.6	4325.7	4214.3	4103.0	4042.5
25°	5087.6	4998.7	4909.8	4705.4	4501.0	4282.6	4064.1	3947.0	3830.2	3773.0
27.5°	5191.6	5032.7	4873.6	4602.8	4332.2	4090.1	3848.0	3732.8	3617.7	3563.7
30°	5331.8	5094.8	4857.8	4524.6	4191.3	3939.1	3686.8	3580.0	3473.1	3422.8
32.5°	5497.4	5172.7	4848.2	4471.2	4094.2	3857.1	3620.0	3536.2	3452.2	3415.9
35°	5698.5	5301.2	4904.1	4511.2	4118.4	3953.7	3789.1	3769.6	3750.0	3747.0
37.5°	6037.1	5569.7	5102.4	4745.4	4388.3	4377.6	4367.0	4456.4	4545.9	4592.4
40°	6548.7	6040.5	5532.3	5266.7	5001.2	5188.6	5376.0	5593.5	5811.1	5919.4
42.5°	7227.2	6723.0	6218.7	6065.8	5912.8	6321.6	6730.4	7126.0	7521.6	7753.9
45°	8065.1	7612.2	7159.1	7091.7	7024.1	7678.9	8334.0	8984.0	9634.2	10028.9
47.5°	9113.0	8672.4	8231.6	8217.9	8204.3	9149.0	10093.5	11045.2	11996.8	12555.6
50°	10486.5	9942.2	9398.0	9400.3	9402.6	10620.2	11837.7	13094.0	14350.2	15109.7
52.5°	12063.2	11404.1	10745.1	10678.5	10611.7	12066.0	13520.4	15074.7	16628.9	17539.3
55°	13741.7	13090.5	12439.4	12179.6	11919.8	13538.4	15156.9	17009.9	18862.9	19945.7
57.5°	15268.4	14913.8	14559.1	14038.0	13517.1	15151.5	16785.8	18884.6	20983.3	22326.0
60°	16191.1	16741.9	17292.8	16645.7	15998.7	17545.3	19092.0	21339.1	23586.2	25037.4
62.5°	15722.6	17227.6	18732.5	18659.6	18586.5	20003.4	21420.4	23558.3	25696.1	27037.5
65°	14784.8	16197.3	17609.8	17889.3	18168.6	19969.2	21769.9	23843.0	25916.0	27058.0
67.5°	13528.3	14871.7	16215.1	16346.1	16477.1	18353.2	20229.1	22311.1	24393.1	25287.8
70°	12018.7	13479.9	14941.2	14999.7	15058.4	16736.2	18413.8	20205.5	21997.0	22494.3
72.5°	10219.8	11896.5	13573.4	13615.6	13657.6	14970.2	16282.8	17624.7	18966.4	19016.8
75°	7944.1	9679.5	11415.0	11570.8	11726.6	12747.9	13769.1	14713.7	15658.3	15405.2
77.5°	5675.9	7295.9	8916.0	9139.0	9362.0	10138.4	10914.7	11584.6	12254.7	11819.7
80°	3714.8	5077.8	6440.6	6717.8	6994.9	7581.3	8167.3	8519.2	8870.9	8171.2
82.5°	2159.4	3091.2	4023.1	4332.6	4642.4	5045.9	5449.5	5596.3	5742.9	5193.0
85°	950.1	1444.6	1939.2	2202.5	2465.8	2797.5	3128.9	3212.2	3295.5	2855.0
87.5°	294.1	460.3	626.6	773.5	920.4	1086.2	1252.0	1259.1	1266.1	1062.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3941.3	2.5°	3935.1	3928.9	3916.6	3904.3	3883.7	3863.0	3848.4	3833.9	3804.5	3775.0
4412.9	5°	4396.3	4379.7	4352.3	4325.0	4274.5	4224.2	4173.3	4122.5	4057.5	3992.6
4864.0	7.5°	4839.9	4815.7	4771.0	4726.2	4651.9	4577.7	4495.2	4412.5	4305.3	4198.2
5156.7	10°	5133.3	5109.8	5057.3	5004.5	4917.3	4830.2	4732.5	4634.8	4499.3	4363.7
5242.2	12.5°	5229.4	5216.5	5178.2	5139.9	5061.4	4982.6	4876.8	4771.0	4622.0	4473.1
5110.6	15°	5124.3	5138.0	5136.6	5135.3	5085.7	5036.3	4945.1	4853.7	4698.4	4543.2
4813.0	17.5°	4863.8	4914.6	4970.0	5025.4	5024.6	5023.6	4961.9	4900.2	4742.8	4585.3
4441.9	20°	4531.0	4620.1	4742.4	4864.7	4929.6	4994.6	4973.0	4951.5	4787.9	4624.2
4103.0	22.5°	4214.3	4325.7	4505.6	4685.5	4820.1	4954.7	4982.9	5011.0	4843.9	4676.6
3830.2	25°	3947.0	4064.1	4282.6	4501.0	4705.4	4909.8	4998.7	5087.6	4923.8	4760.0
3617.7	27.5°	3732.8	3848.0	4090.1	4332.2	4602.8	4873.6	5032.7	5191.6	5035.4	4879.0
3473.1	30°	3580.0	3686.8	3939.1	4191.3	4524.6	4857.8	5094.8	5331.8	5180.8	5029.9
3452.2	32.5°	3536.2	3620.0	3857.1	4094.2	4471.2	4848.2	5172.7	5497.4	5347.8	5198.5
3750.0	35°	3769.6	3789.1	3953.7	4118.4	4511.2	4904.1	5301.2	5698.5	5555.4	5412.1
4545.9	37.5°	4456.4	4367.0	4377.6	4388.3	4745.4	5102.4	5569.7	6037.1	5854.6	5672.1
5811.1	40°	5593.5	5376.0	5188.6	5001.2	5266.7	5532.3	6040.5	6548.7	6282.7	6016.8
7521.6	42.5°	7126.0	6730.4	6321.6	5912.8	6065.8	6218.7	6723.0	7227.2	6843.4	6459.5
9634.2	45°	8984.0	8334.0	7678.9	7024.1	7091.7	7159.1	7612.2	8065.1	7547.3	7029.5
11996.8	47.5°	11045.2	10093.5	9149.0	8204.3	8217.9	8231.6	8672.4	9113.0	8384.3	7655.4
14350.2	50°	13094.0	11837.7	10620.2	9402.6	9400.3	9398.0	9942.2	10486.5	9387.9	8289.1
16628.9	52.5°	15074.7	13520.4	12066.0	10611.7	10678.5	10745.1	11404.1	12063.2	10442.1	8821.0
18862.9	55°	17009.9	15156.9	13538.4	11919.8	12179.6	12439.4	13090.5	13741.7	11376.7	9011.8
20983.3	57.5°	18884.6	16785.8	15151.5	13517.1	14038.0	14559.1	14913.8	15268.4	12039.1	8809.7
23586.2	60°	21339.1	19092.0	17545.3	15998.7	16645.7	17292.8	16741.9	16191.1	12204.6	8217.9
25696.1	62.5°	23558.3	21420.4	20003.4	18586.5	18659.6	18732.5	17227.6	15722.6	11507.6	7292.6
25916.0	65°	23843.0	21769.9	19969.2	18168.6	17889.3	17609.8	16197.3	14784.8	10521.4	6258.0
24393.1	67.5°	22311.1	20229.1	18353.2	16477.1	16346.1	16215.1	14871.7	13528.3	9347.8	5167.3
21997.0	70°	20205.5	18413.8	16736.2	15058.4	14999.7	14941.2	13479.9	12018.7	8067.2	4115.7
18966.4	72.5°	17624.7	16282.8	14970.2	13657.6	13615.6	13573.4	11896.5	10219.8	6678.9	3138.2
15658.3	75°	14713.7	13769.1	12747.9	11726.6	11570.8	11415.0	9679.5	7944.1	5087.5	2231.0
12254.7	77.5°	11584.6	10914.7	10138.4	9362.0	9139.0	8916.0	7295.9	5675.9	3560.8	1445.7
8870.9	80°	8519.2	8167.3	7581.3	6994.9	6717.8	6440.6	5077.8	3714.8	2294.2	873.5
5742.9	82.5°	5596.3	5449.5	5045.9	4642.4	4332.6	4023.1	3091.2	2159.4	1327.8	496.3
3295.5	85°	3212.2	3128.9	2797.5	2465.8	2202.5	1939.2	1444.6	950.1	597.3	244.6
1266.1	87.5°	1259.1	1252.0	1086.2	920.4	773.5	626.6	460.3	294.1	195.6	97.1
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°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3743.7	2.5°	3712.5	3681.1	3649.6	3619.5	3589.4	3560.3	3527.8	3501.6	3475.4	3451.8
3927.7	5°	3863.0	3797.7	3732.6	3671.8	3610.9	3553.4	3496.6	3447.1	3397.5	3355.9
4099.1	7.5°	4000.1	3903.6	3807.2	3722.2	3637.3	3558.9	3485.4	3419.5	3353.7	3299.0
4232.8	10°	4102.0	3984.9	3867.7	3767.2	3666.6	3569.8	3490.9	3421.4	3351.9	3297.2
4324.8	12.5°	4176.6	4038.4	3900.2	3786.5	3672.8	3571.2	3497.7	3440.8	3384.2	3347.8
4382.3	15°	4221.4	4062.3	3903.2	3771.6	3640.0	3527.4	3468.6	3441.4	3414.3	3419.2
4409.8	17.5°	4234.3	4049.6	3864.9	3706.6	3548.4	3415.9	3379.7	3389.7	3399.5	3459.2
4431.3	20°	4238.4	4014.6	3790.8	3594.6	3398.4	3244.2	3234.7	3281.2	3327.7	3431.3
4460.3	22.5°	4243.9	3971.6	3699.4	3463.1	3226.9	3051.4	3070.1	3138.9	3207.7	3325.9
4512.8	25°	4265.5	3929.2	3593.1	3316.3	3039.7	2859.8	2910.5	2989.8	3069.1	3175.4
4594.9	27.5°	4310.6	3900.9	3491.2	3182.1	2873.1	2709.4	2770.9	2847.5	2924.1	3011.5
4701.2	30°	4372.5	3887.6	3402.5	3070.0	2737.4	2599.9	2648.2	2708.9	2770.0	2842.5
4812.1	32.5°	4425.8	3871.2	3316.3	2973.2	2630.0	2519.2	2540.7	2576.7	2612.6	2670.5
4938.5	35°	4464.9	3840.3	3215.9	2878.2	2540.4	2448.1	2439.2	2449.0	2459.0	2503.2
5080.1	37.5°	4488.2	3787.4	3086.5	2766.3	2446.0	2365.3	2332.7	2321.8	2310.9	2342.6
5259.9	40°	4502.8	3714.4	2926.2	2632.7	2339.3	2266.1	2216.2	2191.4	2166.7	2189.5
5495.0	42.5°	4530.6	3639.2	2748.1	2485.4	2222.8	2155.3	2092.4	2059.5	2026.7	2045.3
5804.5	45°	4579.4	3569.3	2559.3	2328.9	2098.5	2030.1	1969.3	1937.2	1905.4	1921.0
6134.2	47.5°	4612.9	3511.6	2410.2	2205.1	2000.0	1911.8	1859.4	1832.6	1805.8	1820.6
6440.1	50°	4591.1	3448.6	2306.2	2122.9	1939.6	1823.6	1762.7	1738.9	1715.2	1738.2
6638.7	52.5°	4456.3	3342.3	2228.5	2068.7	1909.1	1775.7	1690.6	1667.1	1643.7	1678.3
6594.9	55°	4177.9	3166.1	2154.4	2029.5	1904.6	1780.5	1652.3	1615.1	1578.0	1627.1
6286.9	57.5°	3764.1	2917.7	2071.2	1982.9	1894.7	1785.3	1629.3	1575.1	1521.0	1573.8
5713.5	60°	3209.1	2595.1	1981.2	1911.8	1842.4	1770.2	1607.7	1537.5	1467.2	1513.6
4938.3	62.5°	2583.9	2209.1	1834.2	1788.1	1742.2	1733.3	1582.5	1494.7	1407.0	1436.4
4147.3	65°	2036.7	1861.7	1686.8	1665.0	1643.3	1644.4	1529.4	1436.1	1342.7	1354.1
3372.4	67.5°	1577.6	1527.9	1478.1	1490.3	1502.4	1499.3	1434.8	1357.1	1279.4	1275.8
2655.3	70°	1195.0	1209.2	1223.3	1279.6	1335.9	1335.9	1314.7	1259.4	1204.1	1191.8
2030.0	72.5°	921.8	964.6	1007.5	1087.4	1167.2	1180.6	1180.9	1143.0	1105.1	1087.0
1473.4	75°	715.7	754.6	793.4	882.9	972.4	1034.2	1029.0	999.9	970.6	953.4
998.4	77.5°	551.0	577.4	604.0	690.8	777.7	879.6	876.9	853.5	830.1	812.6
643.2	80°	413.1	424.1	435.0	508.6	582.1	703.8	703.4	683.9	664.2	649.5
395.6	82.5°	295.2	297.1	299.3	353.5	407.7	511.6	517.4	507.8	498.2	487.8
211.5	85°	178.5	177.6	176.5	216.1	255.8	333.1	340.6	330.4	320.1	308.5
87.7	87.5°	78.3	77.3	76.3	92.5	108.8	140.9	150.5	146.4	142.3	140.1
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°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3428.2	2.5°	3407.6	3386.9	3366.1	3345.5	3329.5	3313.3	3300.3	3287.3	3277.2	3267.1
3314.4	5°	3277.8	3241.1	3207.9	3174.5	3148.9	3123.2	3105.3	3087.3	3074.6	3061.9
3244.2	7.5°	3198.1	3151.9	3111.1	3070.5	3040.0	3009.6	2988.3	2967.0	2952.3	2937.8
3242.5	10°	3192.8	3143.0	3097.2	3051.4	3015.0	2978.4	2954.6	2930.6	2916.7	2902.9
3311.7	12.5°	3272.6	3233.7	3186.2	3138.9	3092.4	3045.9	3015.1	2984.3	2968.9	2953.5
3424.1	15°	3414.0	3403.9	3362.7	3321.5	3255.3	3189.1	3142.3	3095.5	3074.1	3052.7
3518.8	17.5°	3550.5	3582.1	3548.9	3515.8	3428.1	3340.4	3271.5	3202.5	3170.8	3138.9
3535.0	20°	3601.3	3667.6	3652.3	3636.9	3536.6	3436.5	3351.9	3267.5	3226.9	3186.1
3444.4	22.5°	3530.7	3617.0	3626.3	3635.5	3539.7	3444.0	3357.0	3269.8	3227.0	3184.1
3281.9	25°	3366.8	3451.8	3483.5	3515.1	3436.6	3358.2	3280.8	3203.6	3166.4	3129.3
3098.8	27.5°	3167.0	3235.1	3270.4	3305.8	3249.9	3194.0	3134.0	3073.9	3049.0	3024.0
2915.0	30°	2971.5	3028.1	3056.8	3085.6	3043.0	3000.3	2957.4	2914.1	2901.4	2888.6
2728.5	32.5°	2782.7	2837.0	2868.9	2900.9	2861.8	2822.5	2788.2	2753.8	2745.5	2737.1
2547.2	35°	2600.9	2654.6	2692.9	2731.2	2703.3	2675.6	2643.8	2612.2	2599.5	2586.9
2374.2	37.5°	2427.7	2481.3	2528.6	2576.0	2563.1	2550.3	2521.1	2491.8	2468.7	2445.7
2212.4	40°	2264.1	2315.8	2370.2	2424.8	2428.0	2431.0	2406.2	2381.4	2347.8	2314.4
2064.1	42.5°	2113.0	2162.1	2221.0	2279.8	2295.5	2311.3	2290.3	2269.5	2227.8	2186.1
1936.8	45°	1983.3	2029.9	2090.9	2151.9	2174.5	2197.0	2178.2	2159.4	2111.7	2064.1
1835.2	47.5°	1880.7	1926.2	1986.4	2046.6	2072.5	2098.5	2085.4	2072.3	2029.9	1987.5
1761.3	50°	1804.3	1847.1	1901.0	1954.9	1988.3	2021.7	2020.8	2020.3	1986.4	1952.4
1712.8	52.5°	1752.2	1791.4	1841.6	1892.0	1931.5	1971.0	1978.2	1985.3	1957.6	1930.0
1676.1	55°	1718.5	1760.9	1805.0	1848.9	1890.7	1932.7	1942.6	1952.4	1928.4	1904.3
1626.6	57.5°	1676.4	1726.2	1769.7	1813.3	1855.6	1897.7	1907.7	1917.7	1893.3	1869.0
1559.8	60°	1617.0	1674.2	1718.4	1762.7	1805.1	1847.5	1858.4	1869.4	1845.6	1821.9
1465.8	62.5°	1532.5	1599.2	1646.4	1693.6	1732.5	1771.3	1781.8	1792.4	1770.9	1749.4
1365.3	65°	1436.7	1508.2	1553.4	1598.5	1632.7	1666.9	1677.7	1688.4	1667.7	1647.1
1272.3	67.5°	1338.2	1404.3	1447.1	1489.8	1519.3	1548.9	1559.4	1569.8	1550.8	1531.9
1179.5	70°	1237.5	1295.5	1332.4	1369.4	1396.1	1422.7	1432.9	1443.0	1427.5	1412.1
1069.1	72.5°	1114.8	1160.4	1193.7	1227.1	1253.2	1279.4	1291.4	1303.4	1290.6	1277.7
936.0	75°	969.9	1003.8	1034.1	1064.3	1088.1	1111.9	1124.5	1137.1	1130.8	1124.5
795.1	77.5°	822.7	850.2	876.2	902.2	927.2	952.1	963.9	975.7	966.9	957.9
634.8	80°	657.7	680.6	702.5	724.4	743.4	762.3	777.9	793.4	789.6	785.9
477.4	82.5°	475.5	473.6	465.9	458.3	498.8	539.3	565.8	592.4	590.7	588.9
296.9	85°	287.0	277.0	255.8	234.6	272.5	310.5	343.4	376.2	373.5	370.7
137.9	87.5°	137.5	137.1	120.9	104.7	120.5	136.5	149.8	163.1	159.8	156.2
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3257.8	2.5°	3248.4	3236.7	3248.4	3257.8	3267.1	3277.2	3287.3	3300.3	3313.3	3329.5
3052.2	5°	3042.5	3032.9	3042.5	3052.2	3061.9	3074.6	3087.3	3105.3	3123.2	3148.9
2929.1	7.5°	2920.4	2913.9	2920.4	2929.1	2937.8	2952.3	2967.0	2988.3	3009.6	3040.0
2895.5	10°	2888.2	2885.1	2888.2	2895.5	2902.9	2916.7	2930.6	2954.6	2978.4	3015.0
2947.3	12.5°	2941.0	2939.9	2941.0	2947.3	2953.5	2968.9	2984.3	3015.1	3045.9	3092.4
3044.5	15°	3036.3	3035.6	3036.3	3044.5	3052.7	3074.1	3095.5	3142.3	3189.1	3255.3
3128.5	17.5°	3118.0	3116.3	3118.0	3128.5	3138.9	3170.8	3202.5	3271.5	3340.4	3428.1
3173.1	20°	3160.1	3156.0	3160.1	3173.1	3186.1	3226.9	3267.5	3351.9	3436.5	3536.6
3169.7	22.5°	3155.3	3149.2	3155.3	3169.7	3184.1	3227.0	3269.8	3357.0	3444.0	3539.7
3115.8	25°	3102.4	3094.5	3102.4	3115.8	3129.3	3166.4	3203.6	3280.8	3358.2	3436.6
3017.8	27.5°	3011.7	3009.6	3011.7	3017.8	3024.0	3049.0	3073.9	3134.0	3194.0	3249.9
2888.6	30°	2888.6	2890.6	2888.6	2888.6	2888.6	2901.4	2914.1	2957.4	3000.3	3043.0
2738.2	32.5°	2739.5	2741.5	2739.5	2738.2	2737.1	2745.5	2753.8	2788.2	2822.5	2861.8
2584.2	35°	2581.4	2580.1	2581.4	2584.2	2586.9	2599.5	2612.2	2643.8	2675.6	2703.3
2433.6	37.5°	2421.4	2414.5	2421.4	2433.6	2445.7	2468.7	2491.8	2521.1	2550.3	2563.1
2291.7	40°	2269.3	2255.9	2269.3	2291.7	2314.4	2347.8	2381.4	2406.2	2431.0	2428.0
2153.1	42.5°	2120.2	2098.5	2120.2	2153.1	2186.1	2227.8	2269.5	2290.3	2311.3	2295.5
2025.3	45°	1986.6	1961.7	1986.6	2025.3	2064.1	2111.7	2159.4	2178.2	2197.0	2174.5
1951.6	47.5°	1915.9	1892.0	1915.9	1951.6	1987.5	2029.9	2072.3	2085.4	2098.5	2072.5
1919.3	50°	1886.2	1863.2	1886.2	1919.3	1952.4	1986.4	2020.3	2020.8	2021.7	1988.3
1900.3	52.5°	1870.8	1849.6	1870.8	1900.3	1930.0	1957.6	1985.3	1978.2	1971.0	1931.5
1878.3	55°	1852.3	1833.1	1852.3	1878.3	1904.3	1928.4	1952.4	1942.6	1932.7	1890.7
1843.3	57.5°	1817.4	1797.6	1817.4	1843.3	1869.0	1893.3	1917.7	1907.7	1897.7	1855.6
1795.4	60°	1768.8	1748.3	1768.8	1795.4	1821.9	1845.6	1869.4	1858.4	1847.5	1805.1
1721.5	62.5°	1693.6	1669.0	1693.6	1721.5	1749.4	1770.9	1792.4	1781.8	1771.3	1732.5
1620.0	65°	1593.1	1571.8	1593.1	1620.0	1647.1	1667.7	1688.4	1677.7	1666.9	1632.7
1506.7	67.5°	1481.6	1462.4	1481.6	1506.7	1531.9	1550.8	1569.8	1559.4	1548.9	1519.3
1388.0	70°	1363.9	1342.0	1363.9	1388.0	1412.1	1427.5	1443.0	1432.9	1422.7	1396.1
1254.7	72.5°	1231.9	1210.7	1231.9	1254.7	1277.7	1290.6	1303.4	1291.4	1279.4	1253.2
1105.2	75°	1085.9	1065.7	1085.9	1105.2	1124.5	1130.8	1137.1	1124.5	1111.9	1088.1
938.5	77.5°	919.0	902.9	919.0	938.5	957.9	966.9	975.7	963.9	952.1	927.2
759.8	80°	733.5	703.2	733.5	759.8	785.9	789.6	793.4	777.9	762.3	743.4
566.9	82.5°	544.7	525.3	544.7	566.9	588.9	590.7	592.4	565.8	539.3	498.8
353.5	85°	336.3	318.7	336.3	353.5	370.7	373.5	376.2	343.4	310.5	272.5
147.5	87.5°	138.4	130.0	138.4	147.5	156.2	159.8	163.1	149.8	136.5	120.5
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3345.5	2.5°	3366.1	3386.9	3407.6	3428.2	3451.8	3475.4	3501.6	3527.8	3560.3	3589.4
3174.5	5°	3207.9	3241.1	3277.8	3314.4	3355.9	3397.5	3447.1	3496.6	3553.4	3610.9
3070.5	7.5°	3111.1	3151.9	3198.1	3244.2	3299.0	3353.7	3419.5	3485.4	3558.9	3637.3
3051.4	10°	3097.2	3143.0	3192.8	3242.5	3297.2	3351.9	3421.4	3490.9	3569.8	3666.6
3138.9	12.5°	3186.2	3233.7	3272.6	3311.7	3347.8	3384.2	3440.8	3497.7	3571.2	3672.8
3321.5	15°	3362.7	3403.9	3414.0	3424.1	3419.2	3414.3	3441.4	3468.6	3527.4	3640.0
3515.8	17.5°	3548.9	3582.1	3550.5	3518.8	3459.2	3399.5	3389.7	3379.7	3415.9	3548.4
3636.9	20°	3652.3	3667.6	3601.3	3535.0	3431.3	3327.7	3281.2	3234.7	3244.2	3398.4
3635.5	22.5°	3626.3	3617.0	3530.7	3444.4	3325.9	3207.7	3138.9	3070.1	3051.4	3226.9
3515.1	25°	3483.5	3451.8	3366.8	3281.9	3175.4	3069.1	2989.8	2910.5	2859.8	3039.7
3305.8	27.5°	3270.4	3235.1	3167.0	3098.8	3011.5	2924.1	2847.5	2770.9	2709.4	2873.1
3085.6	30°	3056.8	3028.1	2971.5	2915.0	2842.5	2770.0	2708.9	2648.2	2599.9	2737.4
2900.9	32.5°	2868.9	2837.0	2782.7	2728.5	2670.5	2612.6	2576.7	2540.7	2519.2	2630.0
2731.2	35°	2692.9	2654.6	2600.9	2547.2	2503.2	2459.0	2449.0	2439.2	2448.1	2540.4
2576.0	37.5°	2528.6	2481.3	2427.7	2374.2	2342.6	2310.9	2321.8	2332.7	2365.3	2446.0
2424.8	40°	2370.2	2315.8	2264.1	2212.4	2189.5	2166.7	2191.4	2216.2	2266.1	2339.3
2279.8	42.5°	2221.0	2162.1	2113.0	2064.1	2045.3	2026.7	2059.5	2092.4	2155.3	2222.8
2151.9	45°	2090.9	2029.9	1983.3	1936.8	1921.0	1905.4	1937.2	1969.3	2030.1	2098.5
2046.6	47.5°	1986.4	1926.2	1880.7	1835.2	1820.6	1805.8	1832.6	1859.4	1911.8	2000.0
1954.9	50°	1901.0	1847.1	1804.3	1761.3	1738.2	1715.2	1738.9	1762.7	1823.6	1939.6
1892.0	52.5°	1841.6	1791.4	1752.2	1712.8	1678.3	1643.7	1667.1	1690.6	1775.7	1909.1
1848.9	55°	1805.0	1760.9	1718.5	1676.1	1627.1	1578.0	1615.1	1652.3	1780.5	1904.6
1813.3	57.5°	1769.7	1726.2	1676.4	1626.6	1573.8	1521.0	1575.1	1629.3	1785.3	1894.7
1762.7	60°	1718.4	1674.2	1617.0	1559.8	1513.6	1467.2	1537.5	1607.7	1770.2	1842.4
1693.6	62.5°	1646.4	1599.2	1532.5	1465.8	1436.4	1407.0	1494.7	1582.5	1733.3	1742.2
1598.5	65°	1553.4	1508.2	1436.7	1365.3	1354.1	1342.7	1436.1	1529.4	1644.4	1643.3
1489.8	67.5°	1447.1	1404.3	1338.2	1272.3	1275.8	1279.4	1357.1	1434.8	1499.3	1502.4
1369.4	70°	1332.4	1295.5	1237.5	1179.5	1191.8	1204.1	1259.4	1314.7	1335.9	1335.9
1227.1	72.5°	1193.7	1160.4	1114.8	1069.1	1087.0	1105.1	1143.0	1180.9	1180.6	1167.2
1064.3	75°	1034.1	1003.8	969.9	936.0	953.4	970.6	999.9	1029.0	1034.2	972.4
902.2	77.5°	876.2	850.2	822.7	795.1	812.6	830.1	853.5	876.9	879.6	777.7
724.4	80°	702.5	680.6	657.7	634.8	649.5	664.2	683.9	703.4	703.8	582.1
458.3	82.5°	465.9	473.6	475.5	477.4	487.8	498.2	507.8	517.4	511.6	407.7
234.6	85°	255.8	277.0	287.0	296.9	308.5	320.1	330.4	340.6	333.1	255.8
104.7	87.5°	120.9	137.1	137.5	137.9	140.1	142.3	146.4	150.5	140.9	108.8
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°
3565.0	0°	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0	3565.0
3619.5	2.5°	3649.6	3681.1	3712.5	3743.7	3775.0	3804.5	3833.9
3671.8	5°	3732.6	3797.7	3863.0	3927.7	3992.6	4057.5	4122.5
3722.2	7.5°	3807.2	3903.6	4000.1	4099.1	4198.2	4305.3	4412.5
3767.2	10°	3867.7	3984.9	4102.0	4232.8	4363.7	4499.3	4634.8
3786.5	12.5°	3900.2	4038.4	4176.6	4324.8	4473.1	4622.0	4771.0
3771.6	15°	3903.2	4062.3	4221.4	4382.3	4543.2	4698.4	4853.7
3706.6	17.5°	3864.9	4049.6	4234.3	4409.8	4585.3	4742.8	4900.2
3594.6	20°	3790.8	4014.6	4238.4	4431.3	4624.2	4787.9	4951.5
3463.1	22.5°	3699.4	3971.6	4243.9	4460.3	4676.6	4843.9	5011.0
3316.3	25°	3593.1	3929.2	4265.5	4512.8	4760.0	4923.8	5087.6
3182.1	27.5°	3491.2	3900.9	4310.6	4594.9	4879.0	5035.4	5191.6
3070.0	30°	3402.5	3887.6	4372.5	4701.2	5029.9	5180.8	5331.8
2973.2	32.5°	3316.3	3871.2	4425.8	4812.1	5198.5	5347.8	5497.4
2878.2	35°	3215.9	3840.3	4464.9	4938.5	5412.1	5555.4	5698.5
2766.3	37.5°	3086.5	3787.4	4488.2	5080.1	5672.1	5854.6	6037.1
2632.7	40°	2926.2	3714.4	4502.8	5259.9	6016.8	6282.7	6548.7
2485.4	42.5°	2748.1	3639.2	4530.6	5495.0	6459.5	6843.4	7227.2
2328.9	45°	2559.3	3569.3	4579.4	5804.5	7029.5	7547.3	8065.1
2205.1	47.5°	2410.2	3511.6	4612.9	6134.2	7655.4	8384.3	9113.0
2122.9	50°	2306.2	3448.6	4591.1	6440.1	8289.1	9387.9	10486.5
2068.7	52.5°	2228.5	3342.3	4456.3	6638.7	8821.0	10442.1	12063.2
2029.5	55°	2154.4	3166.1	4177.9	6594.9	9011.8	11376.7	13741.7
1982.9	57.5°	2071.2	2917.7	3764.1	6286.9	8809.7	12039.1	15268.4
1911.8	60°	1981.2	2595.1	3209.1	5713.5	8217.9	12204.6	16191.1
1788.1	62.5°	1834.2	2209.1	2583.9	4938.3	7292.6	11507.6	15722.6
1665.0	65°	1686.8	1861.7	2036.7	4147.3	6258.0	10521.4	14784.8
1490.3	67.5°	1478.1	1527.9	1577.6	3372.4	5167.3	9347.8	13528.3
1279.6	70°	1223.3	1209.2	1195.0	2655.3	4115.7	8067.2	12018.7
1087.4	72.5°	1007.5	964.6	921.8	2030.0	3138.2	6678.9	10219.8
882.9	75°	793.4	754.6	715.7	1473.4	2231.0	5087.5	7944.1
690.8	77.5°	604.0	577.4	551.0	998.4	1445.7	3560.8	5675.9
508.6	80°	435.0	424.1	413.1	643.2	873.5	2294.2	3714.8
353.5	82.5°	299.3	297.1	295.2	395.6	496.3	1327.8	2159.4
216.1	85°	176.5	177.6	178.5	211.5	244.6	597.3	950.1
92.5	87.5°	76.3	77.3	78.3	87.7	97.1	195.6	294.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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