

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: P947066

Luminaire Tested: **GALN-SB2C-740-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947066  
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-SB2C-740-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

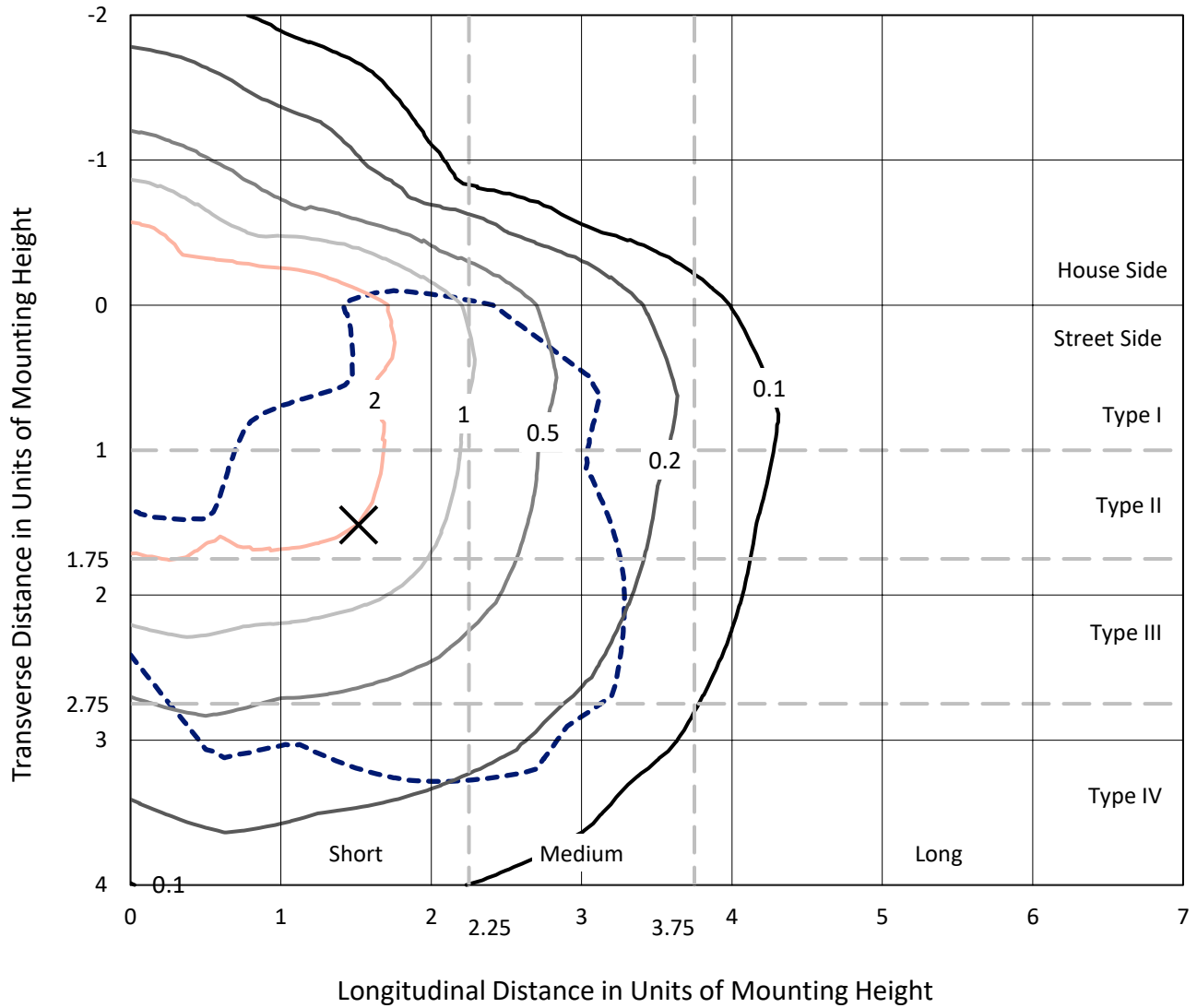
Lumens per Lamp: N/A  
Luminaire Lumens: 15788 lumens  
Efficiency: N/A  
Efficacy: 156.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

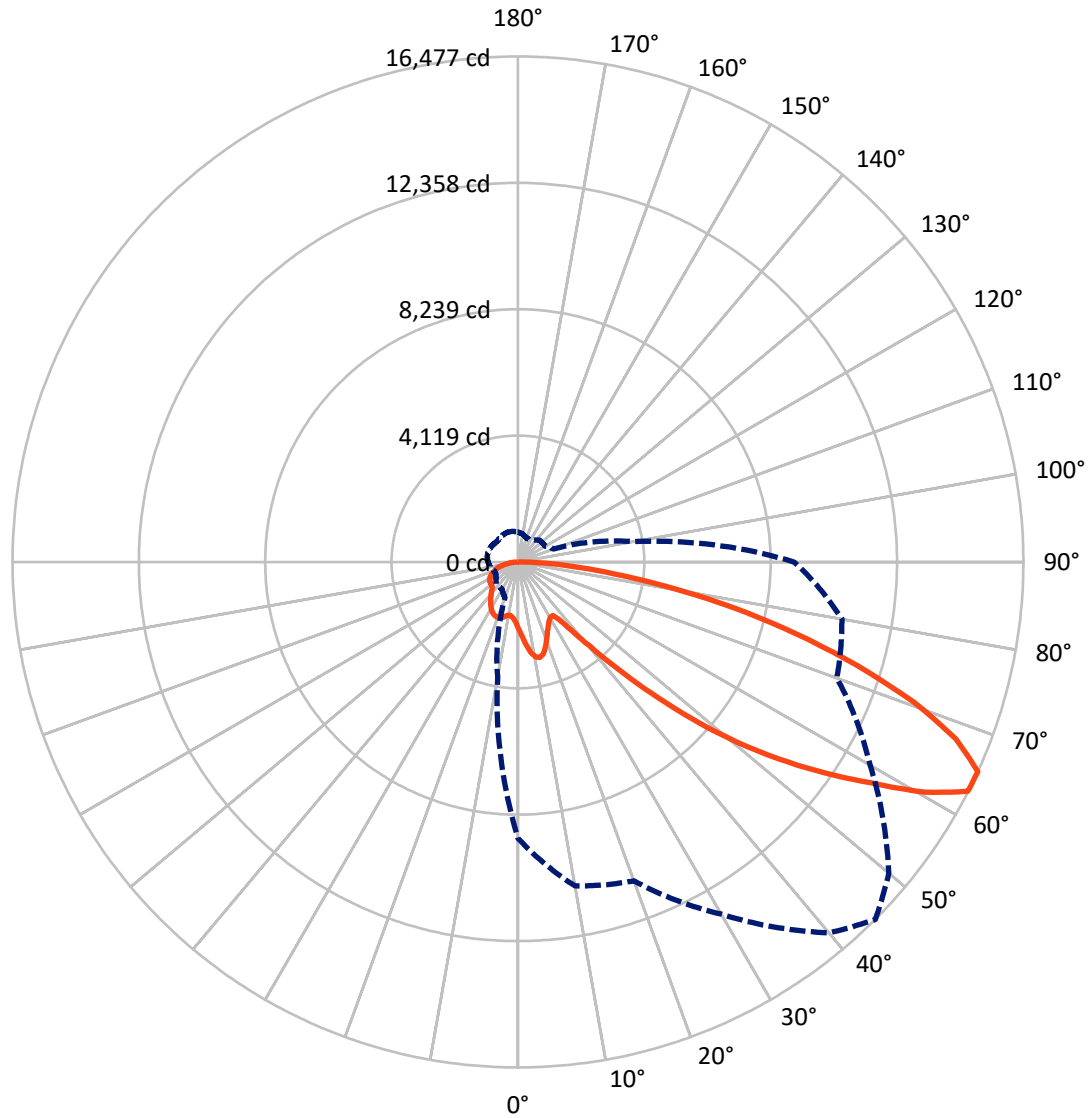
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.8 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	4012.5	0.0	4012.5
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	11775.5	0.0	11775.5
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	15788.0	0.0	15788.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.4	1.4
10°-20°	676.1	4.3
20°-30°	1044.3	6.6
30°-40°	1323.4	8.4
40°-50°	1996.0	12.6
50°-60°	3224.8	20.4
60°-70°	4020.2	25.5
70°-80°	2636.2	16.7
80°-90°	651.7	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°	15788.0	100.0
0°-180°	15788.0	100.0



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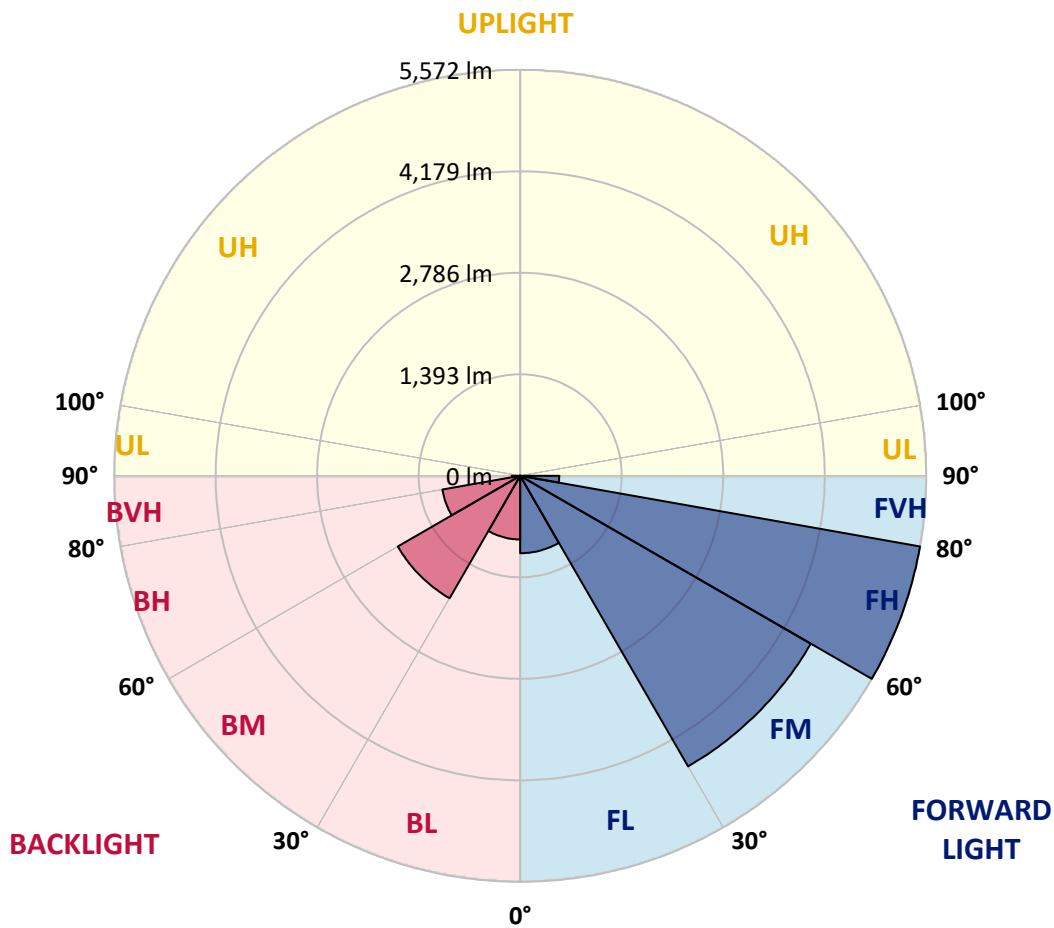
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1061.9	6.7			
FM (30°-60°)	4605.0	29.2			
FH (60°-80°)	5571.6	35.3			G3/7500
FVH (80°-90°)	536.9	3.4			G4/750
BL (0°-30°)	873.8	5.5	B2/1000		
BM (30°-60°)	1939.1	12.3	B2/2500		
BH (60°-80°)	1084.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	114.8	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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2.5°	2334.7	2343.5	2352.4	2365.0	2377.6	2385.1	2392.6	2396.3	2400.1	2398.4
5°	2510.5	2541.4	2572.4	2603.0	2633.8	2650.4	2667.1	2677.2	2687.3	2695.0
7.5°	2687.1	2737.4	2787.6	2832.9	2878.1	2905.3	2932.6	2947.3	2962.0	2969.1
10°	2822.4	2881.9	2941.4	2994.5	3047.5	3079.7	3111.7	3126.0	3140.3	3145.7
12.5°	2905.3	2969.8	3034.2	3082.2	3130.0	3153.3	3176.7	3184.5	3192.3	3193.2
15°	2955.7	3011.4	3067.0	3097.0	3127.2	3128.0	3128.9	3120.5	3112.2	3102.4
17.5°	2984.1	3021.6	3059.2	3059.8	3060.3	3026.6	2992.8	2961.9	2930.9	2909.1
20°	3015.3	3028.4	3041.5	3002.0	2962.4	2887.9	2813.5	2759.2	2705.0	2671.7
22.5°	3051.5	3034.4	3017.2	2935.2	2853.3	2743.7	2634.2	2566.4	2498.5	2461.7
25°	3098.2	3044.0	2989.9	2865.4	2741.0	2607.9	2474.9	2403.6	2332.4	2297.6
27.5°	3161.5	3064.7	2967.8	2803.0	2638.2	2490.7	2343.3	2273.1	2203.1	2170.2
30°	3246.9	3102.5	2958.2	2755.3	2552.4	2398.7	2245.1	2180.1	2115.0	2084.3
32.5°	3347.7	3150.0	2952.4	2722.8	2493.2	2348.8	2204.5	2153.4	2102.3	2080.2
35°	3470.2	3228.2	2986.4	2747.1	2508.0	2407.7	2307.4	2295.5	2283.6	2281.8
37.5°	3676.3	3391.8	3107.2	2889.8	2672.3	2665.8	2659.3	2713.8	2768.3	2796.6
40°	3987.9	3678.4	3368.9	3207.2	3045.5	3159.7	3273.8	3406.3	3538.7	3604.7
42.5°	4401.1	4094.0	3787.0	3693.8	3600.7	3849.6	4098.5	4339.5	4580.4	4721.9
45°	4911.4	4635.5	4359.6	4318.6	4277.4	4676.2	5075.1	5471.0	5866.9	6107.3
47.5°	5549.5	5281.2	5012.8	5004.4	4996.1	5571.4	6146.6	6726.1	7305.6	7645.9
50°	6385.9	6054.4	5723.0	5724.5	5725.9	6467.3	7208.7	7973.7	8738.8	9201.3
52.5°	7346.0	6944.7	6543.4	6502.8	6462.1	7347.8	8233.4	9180.0	10126.4	10680.8
55°	8368.2	7971.7	7575.1	7416.9	7258.7	8244.4	9230.0	10358.4	11486.8	12146.2
57.5°	9297.9	9082.0	8866.0	8548.7	8231.4	9226.7	10222.0	11500.1	12778.1	13595.7
60°	9859.8	10195.2	10530.7	10136.7	9742.6	10684.5	11626.4	12994.8	14363.2	15246.9
62.5°	9574.5	10491.0	11407.4	11363.0	11318.5	12181.3	13044.2	14346.2	15648.0	16464.8
65°	9003.4	9863.6	10723.7	10893.9	11064.0	12160.5	13257.1	14519.5	15781.9	16477.3
67.5°	8238.3	9056.3	9874.4	9954.2	10033.9	11176.4	12318.8	13586.7	14854.5	15399.3
70°	7319.0	8208.8	9098.6	9134.3	9170.0	10191.7	11213.3	12304.4	13395.4	13698.2
72.5°	6223.5	7244.6	8265.7	8291.4	8317.0	9116.3	9915.6	10732.8	11549.9	11580.5
75°	4837.6	5894.5	6951.3	7046.2	7141.1	7763.0	8384.9	8960.1	9535.3	9381.2
77.5°	3456.4	4442.9	5429.5	5565.3	5701.1	6173.9	6646.7	7054.6	7462.7	7197.7
80°	2262.2	3092.2	3922.1	4090.9	4259.7	4616.7	4973.6	5187.9	5402.1	4975.9
82.5°	1315.0	1882.4	2449.9	2638.4	2827.0	3072.8	3318.5	3407.9	3497.2	3162.3
85°	578.6	879.7	1180.9	1341.2	1501.6	1703.5	1905.4	1956.1	2006.9	1738.6
87.5°	179.1	280.3	381.5	471.0	560.5	661.5	762.4	766.8	771.0	647.3
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°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2400.1	2.5°	2396.3	2392.6	2385.1	2377.6	2365.0	2352.4	2343.5	2334.7	2316.8	2298.9
2687.3	5°	2677.2	2667.1	2650.4	2633.8	2603.0	2572.4	2541.4	2510.5	2470.9	2431.3
2962.0	7.5°	2947.3	2932.6	2905.3	2878.1	2832.9	2787.6	2737.4	2687.1	2621.8	2556.5
3140.3	10°	3126.0	3111.7	3079.7	3047.5	2994.5	2941.4	2881.9	2822.4	2739.9	2657.3
3192.3	12.5°	3184.5	3176.7	3153.3	3130.0	3082.2	3034.2	2969.8	2905.3	2814.6	2724.0
3112.2	15°	3120.5	3128.9	3128.0	3127.2	3097.0	3067.0	3011.4	2955.7	2861.2	2766.6
2930.9	17.5°	2961.9	2992.8	3026.6	3060.3	3059.8	3059.2	3021.6	2984.1	2888.2	2792.3
2705.0	20°	2759.2	2813.5	2887.9	2962.4	3002.0	3041.5	3028.4	3015.3	2915.7	2816.0
2498.5	22.5°	2566.4	2634.2	2743.7	2853.3	2935.2	3017.2	3034.4	3051.5	2949.7	2847.9
2332.4	25°	2403.6	2474.9	2607.9	2741.0	2865.4	2989.9	3044.0	3098.2	2998.4	2898.7
2203.1	27.5°	2273.1	2343.3	2490.7	2638.2	2803.0	2967.8	3064.7	3161.5	3066.4	2971.2
2115.0	30°	2180.1	2245.1	2398.7	2552.4	2755.3	2958.2	3102.5	3246.9	3154.9	3063.0
2102.3	32.5°	2153.4	2204.5	2348.8	2493.2	2722.8	2952.4	3150.0	3347.7	3256.6	3165.7
2283.6	35°	2295.5	2307.4	2407.7	2508.0	2747.1	2986.4	3228.2	3470.2	3383.0	3295.8
2768.3	37.5°	2713.8	2659.3	2665.8	2672.3	2889.8	3107.2	3391.8	3676.3	3565.2	3454.1
3538.7	40°	3406.3	3273.8	3159.7	3045.5	3207.2	3368.9	3678.4	3987.9	3826.0	3664.0
4580.4	42.5°	4339.5	4098.5	3849.6	3600.7	3693.8	3787.0	4094.0	4401.1	4167.4	3933.6
5866.9	45°	5471.0	5075.1	4676.2	4277.4	4318.6	4359.6	4635.5	4911.4	4596.1	4280.7
7305.6	47.5°	6726.1	6146.6	5571.4	4996.1	5004.4	5012.8	5281.2	5549.5	5105.7	4661.9
8738.8	50°	7973.7	7208.7	6467.3	5725.9	5724.5	5723.0	6054.4	6385.9	5716.9	5047.8
10126.4	52.5°	9180.0	8233.4	7347.8	6462.1	6502.8	6543.4	6944.7	7346.0	6358.8	5371.6
11486.8	55°	10358.4	9230.0	8244.4	7258.7	7416.9	7575.1	7971.7	8368.2	6928.0	5487.9
12778.1	57.5°	11500.1	10222.0	9226.7	8231.4	8548.7	8866.0	9082.0	9297.9	7331.4	5364.8
14363.2	60°	12994.8	11626.4	10684.5	9742.6	10136.7	10530.7	10195.2	9859.8	7432.2	5004.4
15648.0	62.5°	14346.2	13044.2	12181.3	11318.5	11363.0	11407.4	10491.0	9574.5	7007.7	4440.9
15781.9	65°	14519.5	13257.1	12160.5	11064.0	10893.9	10723.7	9863.6	9003.4	6407.2	3810.9
14854.5	67.5°	13586.7	12318.8	11176.4	10033.9	9954.2	9874.4	9056.3	8238.3	5692.5	3146.7
13395.4	70°	12304.4	11213.3	10191.7	9170.0	9134.3	9098.6	8208.8	7319.0	4912.6	2506.3
11549.9	72.5°	10732.8	9915.6	9116.3	8317.0	8291.4	8265.7	7244.6	6223.5	4067.2	1911.1
9535.3	75°	8960.1	8384.9	7763.0	7141.1	7046.2	6951.3	5894.5	4837.6	3098.1	1358.6
7462.7	77.5°	7054.6	6646.7	6173.9	5701.1	5565.3	5429.5	4442.9	3456.4	2168.4	880.4
5402.1	80°	5187.9	4973.6	4616.7	4259.7	4090.9	3922.1	3092.2	2262.2	1397.1	531.9
3497.2	82.5°	3407.9	3318.5	3072.8	2827.0	2638.4	2449.9	1882.4	1315.0	808.6	302.2
2006.9	85°	1956.1	1905.4	1703.5	1501.6	1341.2	1180.9	879.7	578.6	363.7	149.0
771.0	87.5°	766.8	762.4	661.5	560.5	471.0	381.5	280.3	179.1	119.1	59.1
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°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2279.8	2.5°	2260.8	2241.6	2222.5	2204.1	2185.8	2168.1	2148.3	2132.3	2116.4	2102.0
2391.8	5°	2352.4	2312.7	2273.0	2236.0	2198.9	2163.9	2129.3	2099.2	2068.9	2043.6
2496.2	7.5°	2435.9	2377.2	2318.4	2266.7	2215.0	2167.2	2122.5	2082.3	2042.3	2009.0
2577.6	10°	2498.0	2426.7	2355.3	2294.1	2232.8	2173.9	2125.8	2083.5	2041.2	2007.9
2633.7	12.5°	2543.4	2459.2	2375.1	2305.9	2236.6	2174.7	2130.0	2095.3	2060.9	2038.7
2668.7	15°	2570.7	2473.8	2376.9	2296.8	2216.6	2148.1	2112.3	2095.7	2079.2	2082.2
2685.4	17.5°	2578.5	2466.1	2353.6	2257.2	2160.8	2080.2	2058.1	2064.2	2070.2	2106.5
2698.5	20°	2581.0	2444.7	2308.4	2189.0	2069.5	1975.6	1969.8	1998.1	2026.4	2089.5
2716.1	22.5°	2584.4	2418.6	2252.8	2108.9	1965.1	1858.2	1869.6	1911.5	1953.4	2025.4
2748.1	25°	2597.5	2392.7	2188.1	2019.5	1851.1	1741.5	1772.4	1820.7	1869.0	1933.7
2798.1	27.5°	2625.0	2375.5	2126.0	1937.8	1749.6	1649.9	1687.4	1734.0	1780.7	1833.9
2862.9	30°	2662.7	2367.4	2072.0	1869.5	1667.0	1583.3	1612.7	1649.6	1686.8	1731.0
2930.4	32.5°	2695.2	2357.4	2019.5	1810.6	1601.6	1534.1	1547.2	1569.1	1591.0	1626.2
3007.4	35°	2719.0	2338.6	1958.4	1752.7	1547.0	1490.8	1485.4	1491.4	1497.4	1524.4
3093.6	37.5°	2733.1	2306.4	1879.6	1684.6	1489.5	1440.4	1420.6	1413.9	1407.2	1426.6
3203.1	40°	2742.1	2262.0	1781.9	1603.2	1424.6	1380.0	1349.6	1334.5	1319.4	1333.3
3346.3	42.5°	2759.0	2216.1	1673.5	1513.5	1353.6	1312.5	1274.2	1254.2	1234.2	1245.5
3534.7	45°	2788.7	2173.6	1558.5	1418.2	1277.9	1236.3	1199.2	1179.7	1160.3	1169.8
3735.5	47.5°	2809.1	2138.4	1467.7	1342.8	1218.0	1164.2	1132.3	1116.0	1099.7	1108.7
3921.8	50°	2795.8	2100.1	1404.4	1292.8	1181.1	1110.5	1073.4	1058.9	1044.5	1058.5
4042.7	52.5°	2713.7	2035.4	1357.1	1259.8	1162.6	1081.3	1029.5	1015.2	1000.9	1022.0
4016.1	55°	2544.2	1928.1	1311.9	1235.9	1159.8	1084.2	1006.2	983.5	960.9	990.9
3828.5	57.5°	2292.2	1776.8	1261.3	1207.5	1153.8	1087.2	992.2	959.2	926.2	958.4
3479.3	60°	1954.2	1580.3	1206.5	1164.2	1122.0	1078.0	979.0	936.3	893.5	921.7
3007.2	62.5°	1573.5	1345.2	1117.0	1088.9	1060.9	1055.5	963.7	910.2	856.8	874.7
2525.5	65°	1240.3	1133.7	1027.2	1013.9	1000.7	1001.4	931.4	874.6	817.7	824.6
2053.7	67.5°	960.7	930.5	900.1	907.5	914.9	913.0	873.7	826.4	779.1	776.9
1617.0	70°	727.7	736.4	744.9	779.3	813.5	813.5	800.6	766.9	733.3	725.8
1236.2	72.5°	561.3	587.4	613.6	662.2	710.8	718.9	719.1	696.0	673.0	662.0
897.2	75°	435.9	459.5	483.2	537.7	592.1	629.8	626.6	608.9	591.1	580.6
608.0	77.5°	335.6	351.6	367.8	420.7	473.6	535.7	534.0	519.8	505.5	494.8
391.7	80°	251.6	258.3	264.9	309.7	354.5	428.6	428.4	416.5	404.5	395.5
240.9	82.5°	179.8	180.9	182.3	215.3	248.3	311.6	315.1	309.2	303.4	297.1
128.8	85°	108.7	108.1	107.5	131.6	155.8	202.9	207.4	201.2	194.9	187.9
53.4	87.5°	47.7	47.1	46.5	56.3	66.2	85.8	91.6	89.1	86.6	85.3
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°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2087.7	2.5°	2075.1	2062.5	2049.9	2037.3	2027.5	2017.7	2009.8	2001.9	1995.7	1989.5
2018.4	5°	1996.0	1973.7	1953.5	1933.1	1917.6	1901.9	1891.0	1880.1	1872.3	1864.6
1975.6	7.5°	1947.6	1919.4	1894.6	1869.8	1851.3	1832.8	1819.8	1806.8	1797.9	1789.0
1974.5	10°	1944.3	1914.0	1886.1	1858.2	1836.0	1813.8	1799.3	1784.6	1776.2	1767.8
2016.7	12.5°	1992.9	1969.2	1940.3	1911.5	1883.2	1854.8	1836.1	1817.3	1807.9	1798.6
2085.2	15°	2079.0	2072.9	2047.8	2022.7	1982.4	1942.1	1913.6	1885.1	1872.0	1859.0
2142.8	17.5°	2162.2	2181.4	2161.2	2141.0	2087.6	2034.2	1992.2	1950.2	1930.9	1911.5
2152.7	20°	2193.1	2233.5	2224.1	2214.7	2153.7	2092.7	2041.2	1989.8	1965.1	1940.2
2097.5	22.5°	2150.1	2202.6	2208.3	2213.9	2155.6	2097.3	2044.3	1991.2	1965.1	1939.0
1998.5	25°	2050.3	2102.0	2121.3	2140.6	2092.8	2045.0	1997.9	1950.9	1928.2	1905.7
1887.1	27.5°	1928.6	1970.0	1991.5	2013.1	1979.0	1945.1	1908.5	1871.9	1856.8	1841.5
1775.1	30°	1809.5	1844.0	1861.5	1879.0	1853.1	1827.1	1800.9	1774.6	1766.9	1759.0
1661.6	32.5°	1694.6	1727.6	1747.0	1766.5	1742.7	1718.8	1697.9	1677.0	1671.9	1666.8
1551.2	35°	1583.8	1616.6	1639.9	1663.2	1646.2	1629.3	1610.0	1590.8	1583.0	1575.3
1445.8	37.5°	1478.4	1511.0	1539.9	1568.7	1560.8	1553.0	1535.3	1517.4	1503.4	1489.4
1347.2	40°	1378.7	1410.2	1443.4	1476.6	1478.5	1480.4	1465.3	1450.2	1429.7	1409.4
1256.9	42.5°	1286.8	1316.7	1352.5	1388.3	1397.9	1407.5	1394.7	1382.1	1356.7	1331.2
1179.5	45°	1207.8	1236.1	1273.3	1310.4	1324.2	1337.9	1326.4	1315.0	1285.9	1256.9
1117.6	47.5°	1145.3	1173.0	1209.6	1246.3	1262.1	1277.9	1269.9	1261.9	1236.1	1210.3
1072.6	50°	1098.7	1124.8	1157.6	1190.5	1210.8	1231.1	1230.6	1230.3	1209.6	1189.0
1043.0	52.5°	1067.0	1090.9	1121.5	1152.1	1176.2	1200.3	1204.6	1209.0	1192.1	1175.3
1020.7	55°	1046.5	1072.3	1099.2	1125.9	1151.4	1177.0	1183.0	1189.0	1174.3	1159.6
990.5	57.5°	1020.8	1051.2	1077.7	1104.2	1130.0	1155.6	1161.7	1167.8	1153.0	1138.1
949.9	60°	984.7	1019.5	1046.4	1073.4	1099.2	1125.1	1131.7	1138.4	1123.9	1109.5
892.6	62.5°	933.2	973.9	1002.6	1031.3	1055.0	1078.7	1085.1	1091.5	1078.4	1065.3
831.4	65°	874.9	918.5	946.0	973.4	994.3	1015.1	1021.7	1028.2	1015.6	1003.0
774.8	67.5°	814.9	855.1	881.2	907.2	925.2	943.2	949.6	956.0	944.4	932.9
718.3	70°	753.6	788.9	811.4	833.9	850.2	866.4	872.6	878.7	869.3	859.9
651.0	72.5°	678.9	706.6	726.9	747.3	763.2	779.1	786.4	793.8	785.9	778.1
570.0	75°	590.6	611.3	629.7	648.1	662.6	677.1	684.8	692.4	688.6	684.8
484.2	77.5°	501.0	517.8	533.6	549.4	564.7	579.8	587.0	594.1	588.8	583.3
386.5	80°	400.5	414.5	427.8	441.1	452.7	464.2	473.7	483.2	480.8	478.6
290.7	82.5°	289.6	288.4	283.7	279.1	303.7	328.4	344.6	360.7	359.7	358.6
180.8	85°	174.8	168.7	155.8	142.9	165.9	189.1	209.1	229.1	227.4	225.8
84.0	87.5°	83.7	83.5	73.6	63.7	73.4	83.1	91.2	99.3	97.3	95.1
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
1983.9	2.5°	1978.1	1971.0	1978.1	1983.9	1989.5	1995.7	2001.9	2009.8	2017.7	2027.5
1858.7	5°	1852.8	1846.9	1852.8	1858.7	1864.6	1872.3	1880.1	1891.0	1901.9	1917.6
1783.7	7.5°	1778.4	1774.4	1778.4	1783.7	1789.0	1797.9	1806.8	1819.8	1832.8	1851.3
1763.3	10°	1758.8	1756.9	1758.8	1763.3	1767.8	1776.2	1784.6	1799.3	1813.8	1836.0
1794.8	12.5°	1790.9	1790.3	1790.9	1794.8	1798.6	1807.9	1817.3	1836.1	1854.8	1883.2
1854.0	15°	1849.0	1848.6	1849.0	1854.0	1859.0	1872.0	1885.1	1913.6	1942.1	1982.4
1905.2	17.5°	1898.7	1897.7	1898.7	1905.2	1911.5	1930.9	1950.2	1992.2	2034.2	2087.6
1932.3	20°	1924.4	1921.9	1924.4	1932.3	1940.2	1965.1	1989.8	2041.2	2092.7	2153.7
1930.2	22.5°	1921.5	1917.7	1921.5	1930.2	1939.0	1965.1	1991.2	2044.3	2097.3	2155.6
1897.4	25°	1889.2	1884.4	1889.2	1897.4	1905.7	1928.2	1950.9	1997.9	2045.0	2092.8
1837.8	27.5°	1834.0	1832.8	1834.0	1837.8	1841.5	1856.8	1871.9	1908.5	1945.1	1979.0
1759.0	30°	1759.0	1760.3	1759.0	1759.0	1759.0	1766.9	1774.6	1800.9	1827.1	1853.1
1667.5	32.5°	1668.2	1669.5	1668.2	1667.5	1666.8	1671.9	1677.0	1697.9	1718.8	1742.7
1573.7	35°	1572.0	1571.2	1572.0	1573.7	1575.3	1583.0	1590.8	1610.0	1629.3	1646.2
1482.0	37.5°	1474.5	1470.4	1474.5	1482.0	1489.4	1503.4	1517.4	1535.3	1553.0	1560.8
1395.6	40°	1381.9	1373.7	1381.9	1395.6	1409.4	1429.7	1450.2	1465.3	1480.4	1478.5
1311.2	42.5°	1291.1	1277.9	1291.1	1311.2	1331.2	1356.7	1382.1	1394.7	1407.5	1397.9
1233.4	45°	1209.8	1194.6	1209.8	1233.4	1256.9	1285.9	1315.0	1326.4	1337.9	1324.2
1188.5	47.5°	1166.7	1152.1	1166.7	1188.5	1210.3	1236.1	1261.9	1269.9	1277.9	1262.1
1168.8	50°	1148.6	1134.6	1148.6	1168.8	1189.0	1209.6	1230.3	1230.6	1231.1	1210.8
1157.2	52.5°	1139.2	1126.3	1139.2	1157.2	1175.3	1192.1	1209.0	1204.6	1200.3	1176.2
1143.8	55°	1128.0	1116.3	1128.0	1143.8	1159.6	1174.3	1189.0	1183.0	1177.0	1151.4
1122.5	57.5°	1106.7	1094.7	1106.7	1122.5	1138.1	1153.0	1167.8	1161.7	1155.6	1130.0
1093.3	60°	1077.2	1064.7	1077.2	1093.3	1109.5	1123.9	1138.4	1131.7	1125.1	1099.2
1048.3	62.5°	1031.3	1016.3	1031.3	1048.3	1065.3	1078.4	1091.5	1085.1	1078.7	1055.0
986.5	65°	970.1	957.2	970.1	986.5	1003.0	1015.6	1028.2	1021.7	1015.1	994.3
917.5	67.5°	902.2	890.6	902.2	917.5	932.9	944.4	956.0	949.6	943.2	925.2
845.2	70°	830.6	817.2	830.6	845.2	859.9	869.3	878.7	872.6	866.4	850.2
764.1	72.5°	750.2	737.3	750.2	764.1	778.1	785.9	793.8	786.4	779.1	763.2
673.0	75°	661.3	649.0	661.3	673.0	684.8	688.6	692.4	684.8	677.1	662.6
571.5	77.5°	559.7	549.8	559.7	571.5	583.3	588.8	594.1	587.0	579.8	564.7
462.7	80°	446.7	428.2	446.7	462.7	478.6	480.8	483.2	473.7	464.2	452.7
345.2	82.5°	331.7	319.9	331.7	345.2	358.6	359.7	360.7	344.6	328.4	303.7
215.3	85°	204.8	194.1	204.8	215.3	225.8	227.4	229.1	209.1	189.1	165.9
89.8	87.5°	84.3	79.1	84.3	89.8	95.1	97.3	99.3	91.2	83.1	73.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2037.3	2.5°	2049.9	2062.5	2075.1	2087.7	2102.0	2116.4	2132.3	2148.3	2168.1	2185.8
1933.1	5°	1953.5	1973.7	1996.0	2018.4	2043.6	2068.9	2099.2	2129.3	2163.9	2198.9
1869.8	7.5°	1894.6	1919.4	1947.6	1975.6	2009.0	2042.3	2082.3	2122.5	2167.2	2215.0
1858.2	10°	1886.1	1914.0	1944.3	1974.5	2007.9	2041.2	2083.5	2125.8	2173.9	2232.8
1911.5	12.5°	1940.3	1969.2	1992.9	2016.7	2038.7	2060.9	2095.3	2130.0	2174.7	2236.6
2022.7	15°	2047.8	2072.9	2079.0	2085.2	2082.2	2079.2	2095.7	2112.3	2148.1	2216.6
2141.0	17.5°	2161.2	2181.4	2162.2	2142.8	2106.5	2070.2	2064.2	2058.1	2080.2	2160.8
2214.7	20°	2224.1	2233.5	2193.1	2152.7	2089.5	2026.4	1998.1	1969.8	1975.6	2069.5
2213.9	22.5°	2208.3	2202.6	2150.1	2097.5	2025.4	1953.4	1911.5	1869.6	1858.2	1965.1
2140.6	25°	2121.3	2102.0	2050.3	1998.5	1933.7	1869.0	1820.7	1772.4	1741.5	1851.1
2013.1	27.5°	1991.5	1970.0	1928.6	1887.1	1833.9	1780.7	1734.0	1687.4	1649.9	1749.6
1879.0	30°	1861.5	1844.0	1809.5	1775.1	1731.0	1686.8	1649.6	1612.7	1583.3	1667.0
1766.5	32.5°	1747.0	1727.6	1694.6	1661.6	1626.2	1591.0	1569.1	1547.2	1534.1	1601.6
1663.2	35°	1639.9	1616.6	1583.8	1551.2	1524.4	1497.4	1491.4	1485.4	1490.8	1547.0
1568.7	37.5°	1539.9	1511.0	1478.4	1445.8	1426.6	1407.2	1413.9	1420.6	1440.4	1489.5
1476.6	40°	1443.4	1410.2	1378.7	1347.2	1333.3	1319.4	1334.5	1349.6	1380.0	1424.6
1388.3	42.5°	1352.5	1316.7	1286.8	1256.9	1245.5	1234.2	1254.2	1274.2	1312.5	1353.6
1310.4	45°	1273.3	1236.1	1207.8	1179.5	1169.8	1160.3	1179.7	1199.2	1236.3	1277.9
1246.3	47.5°	1209.6	1173.0	1145.3	1117.6	1108.7	1099.7	1116.0	1132.3	1164.2	1218.0
1190.5	50°	1157.6	1124.8	1098.7	1072.6	1058.5	1044.5	1058.9	1073.4	1110.5	1181.1
1152.1	52.5°	1121.5	1090.9	1067.0	1043.0	1022.0	1000.9	1015.2	1029.5	1081.3	1162.6
1125.9	55°	1099.2	1072.3	1046.5	1020.7	990.9	960.9	983.5	1006.2	1084.2	1159.8
1104.2	57.5°	1077.7	1051.2	1020.8	990.5	958.4	926.2	959.2	992.2	1087.2	1153.8
1073.4	60°	1046.4	1019.5	984.7	949.9	921.7	893.5	936.3	979.0	1078.0	1122.0
1031.3	62.5°	1002.6	973.9	933.2	892.6	874.7	856.8	910.2	963.7	1055.5	1060.9
973.4	65°	946.0	918.5	874.9	831.4	824.6	817.7	874.6	931.4	1001.4	1000.7
907.2	67.5°	881.2	855.1	814.9	774.8	776.9	779.1	826.4	873.7	913.0	914.9
833.9	70°	811.4	788.9	753.6	718.3	725.8	733.3	766.9	800.6	813.5	813.5
747.3	72.5°	726.9	706.6	678.9	651.0	662.0	673.0	696.0	719.1	718.9	710.8
648.1	75°	629.7	611.3	590.6	570.0	580.6	591.1	608.9	626.6	629.8	592.1
549.4	77.5°	533.6	517.8	501.0	484.2	494.8	505.5	519.8	534.0	535.7	473.6
441.1	80°	427.8	414.5	400.5	386.5	395.5	404.5	416.5	428.4	428.6	354.5
279.1	82.5°	283.7	288.4	289.6	290.7	297.1	303.4	309.2	315.1	311.6	248.3
142.9	85°	155.8	168.7	174.8	180.8	187.9	194.9	201.2	207.4	202.9	155.8
63.7	87.5°	73.6	83.5	83.7	84.0	85.3	86.6	89.1	91.6	85.8	66.2
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):**

325°		330°	335°	340°	345°	350°	355°	360°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2204.1	2.5°	2222.5	2241.6	2260.8	2279.8	2298.9	2316.8	2334.7
2236.0	5°	2273.0	2312.7	2352.4	2391.8	2431.3	2470.9	2510.5
2266.7	7.5°	2318.4	2377.2	2435.9	2496.2	2556.5	2621.8	2687.1
2294.1	10°	2355.3	2426.7	2498.0	2577.6	2657.3	2739.9	2822.4
2305.9	12.5°	2375.1	2459.2	2543.4	2633.7	2724.0	2814.6	2905.3
2296.8	15°	2376.9	2473.8	2570.7	2668.7	2766.6	2861.2	2955.7
2257.2	17.5°	2353.6	2466.1	2578.5	2685.4	2792.3	2888.2	2984.1
2189.0	20°	2308.4	2444.7	2581.0	2698.5	2816.0	2915.7	3015.3
2108.9	22.5°	2252.8	2418.6	2584.4	2716.1	2847.9	2949.7	3051.5
2019.5	25°	2188.1	2392.7	2597.5	2748.1	2898.7	2998.4	3098.2
1937.8	27.5°	2126.0	2375.5	2625.0	2798.1	2971.2	3066.4	3161.5
1869.5	30°	2072.0	2367.4	2662.7	2862.9	3063.0	3154.9	3246.9
1810.6	32.5°	2019.5	2357.4	2695.2	2930.4	3165.7	3256.6	3347.7
1752.7	35°	1958.4	2338.6	2719.0	3007.4	3295.8	3383.0	3470.2
1684.6	37.5°	1879.6	2306.4	2733.1	3093.6	3454.1	3565.2	3676.3
1603.2	40°	1781.9	2262.0	2742.1	3203.1	3664.0	3826.0	3987.9
1513.5	42.5°	1673.5	2216.1	2759.0	3346.3	3933.6	4167.4	4401.1
1418.2	45°	1558.5	2173.6	2788.7	3534.7	4280.7	4596.1	4911.4
1342.8	47.5°	1467.7	2138.4	2809.1	3735.5	4661.9	5105.7	5549.5
1292.8	50°	1404.4	2100.1	2795.8	3921.8	5047.8	5716.9	6385.9
1259.8	52.5°	1357.1	2035.4	2713.7	4042.7	5371.6	6358.8	7346.0
1235.9	55°	1311.9	1928.1	2544.2	4016.1	5487.9	6928.0	8368.2
1207.5	57.5°	1261.3	1776.8	2292.2	3828.5	5364.8	7331.4	9297.9
1164.2	60°	1206.5	1580.3	1954.2	3479.3	5004.4	7432.2	9859.8
1088.9	62.5°	1117.0	1345.2	1573.5	3007.2	4440.9	7007.7	9574.5
1013.9	65°	1027.2	1133.7	1240.3	2525.5	3810.9	6407.2	9003.4
907.5	67.5°	900.1	930.5	960.7	2053.7	3146.7	5692.5	8238.3
779.3	70°	744.9	736.4	727.7	1617.0	2506.3	4912.6	7319.0
662.2	72.5°	613.6	587.4	561.3	1236.2	1911.1	4067.2	6223.5
537.7	75°	483.2	459.5	435.9	897.2	1358.6	3098.1	4837.6
420.7	77.5°	367.8	351.6	335.6	608.0	880.4	2168.4	3456.4
309.7	80°	264.9	258.3	251.6	391.7	531.9	1397.1	2262.2
215.3	82.5°	182.3	180.9	179.8	240.9	302.2	808.6	1315.0
131.6	85°	107.5	108.1	108.7	128.8	149.0	363.7	578.6
56.3	87.5°	46.5	47.1	47.7	53.4	59.1	119.1	179.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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