

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: P952295

Luminaire Tested: **GALN-SB6A-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952295  
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-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

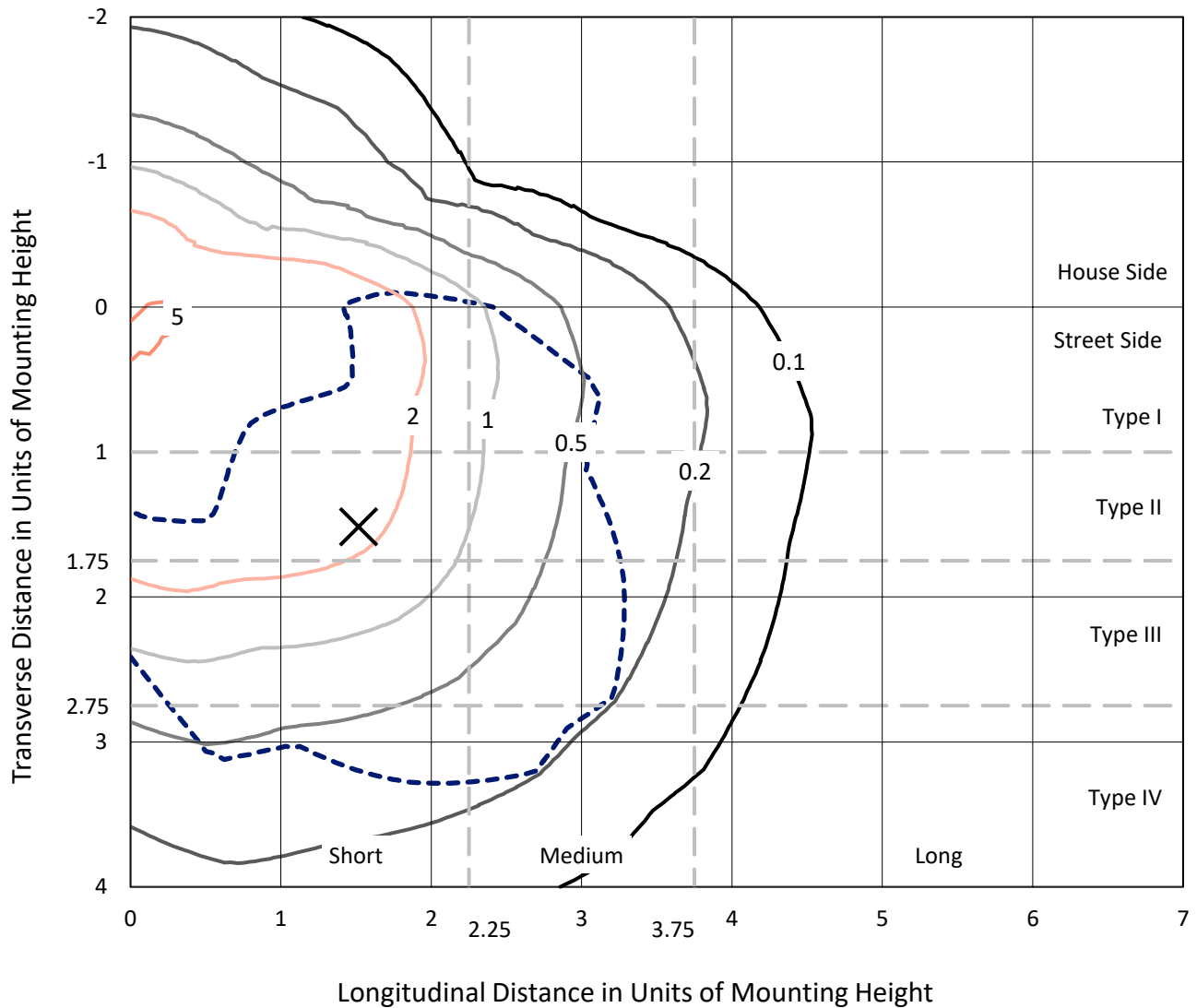
Lumens per Lamp: N/A  
Luminaire Lumens: 19641 lumens  
Efficiency: N/A  
Efficacy: 114.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

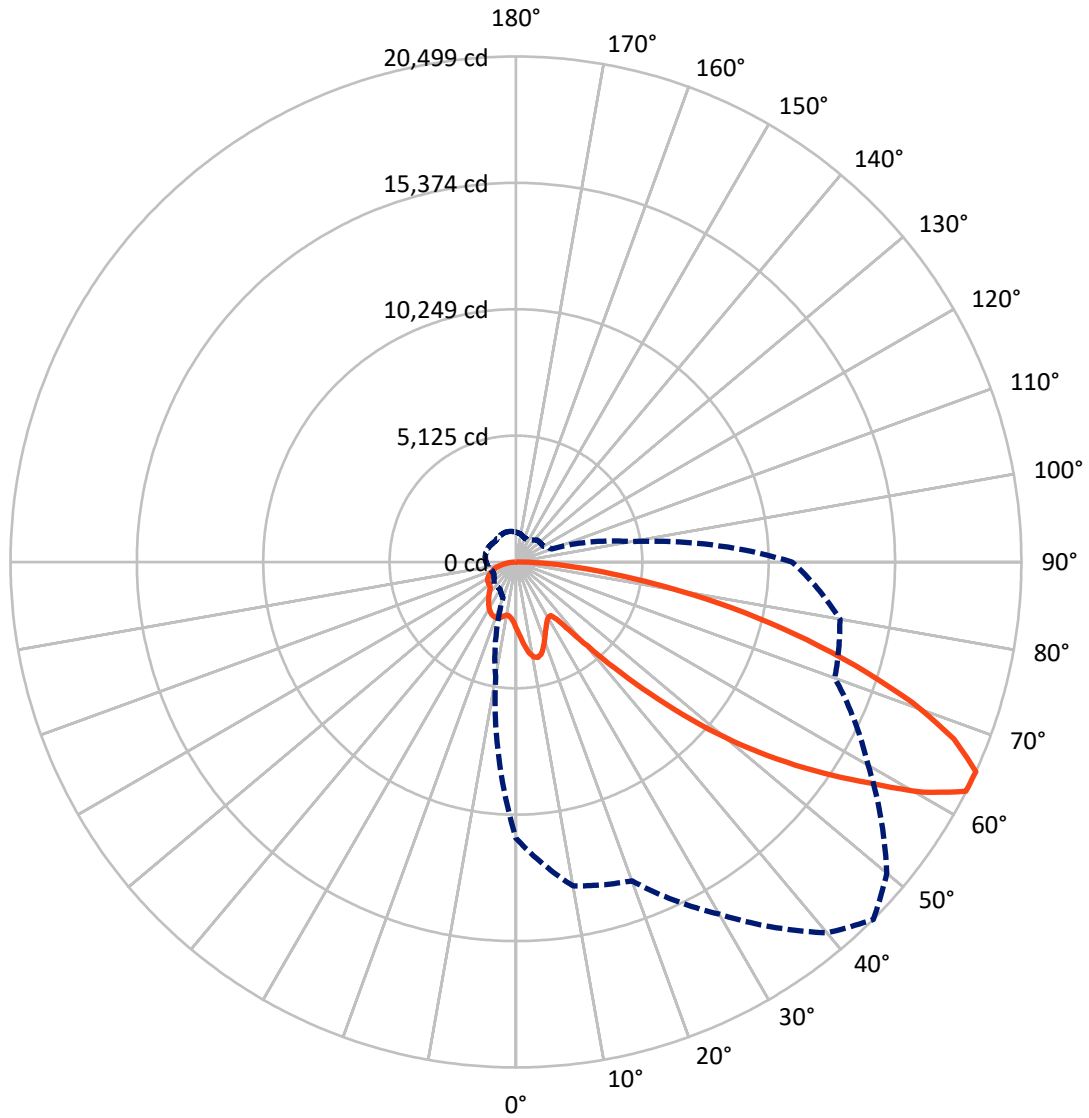
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4991.7	0.0	4991.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	14649.2	0.0	14649.2
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	19641.0	0.0	19641.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	267.9	1.4
10°-20°	841.1	4.3
20°-30°	1299.1	6.6
30°-40°	1646.3	8.4
40°-50°	2483.1	12.6
50°-60°	4011.8	20.4
60°-70°	5001.3	25.5
70°-80°	3279.6	16.7
80°-90°	810.8	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°	19641.0	100.0
0°-180°	19641.0	100.0

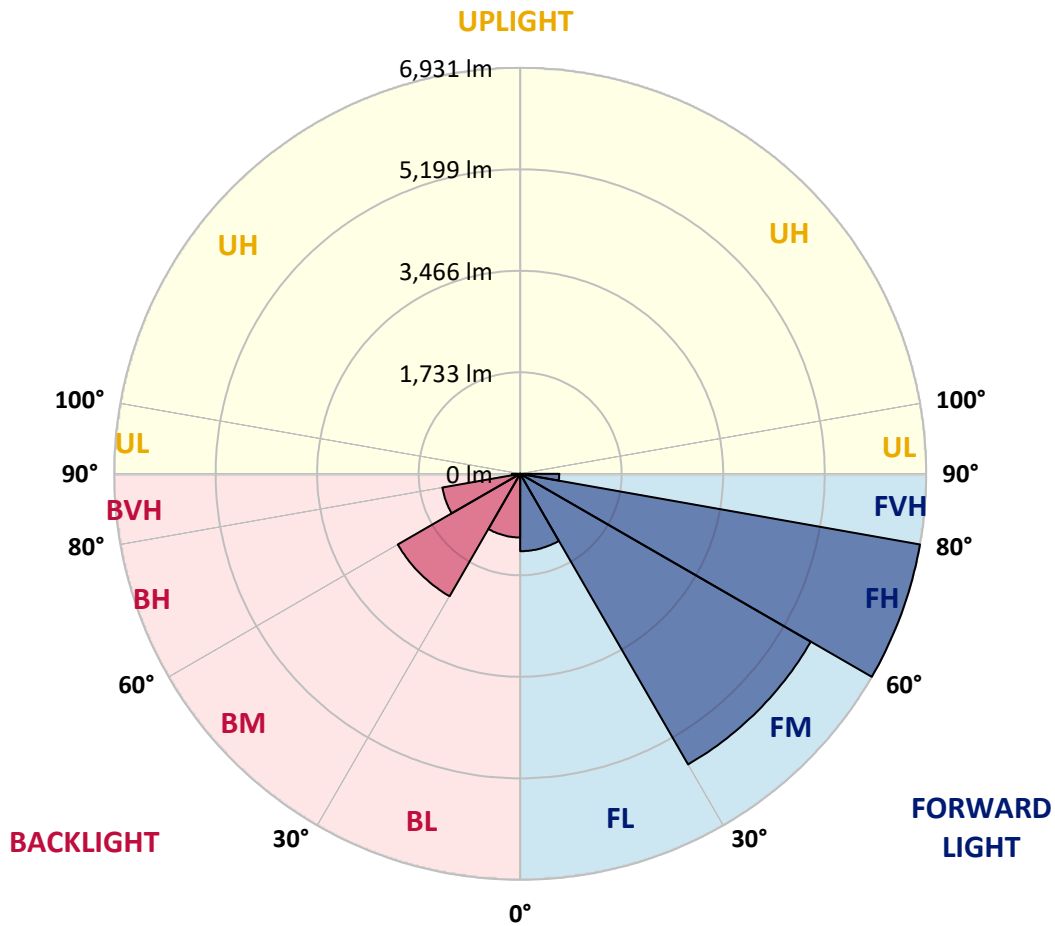


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1321.1	6.7			
FM (30°-60°)	5728.8	29.2			
FH (60°-80°)	6931.4	35.3			G3/7500
FVH (80°-90°)	667.9	3.4			G4/750
BL (0°-30°)	1087.0	5.5	B3/2500		
BM (30°-60°)	2412.3	12.3	B2/2500		
BH (60°-80°)	1349.5	6.9	B3/2500		G3/2500
BVH (80°-90°)	142.9	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°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2.5°	2904.5	2915.4	2926.5	2942.2	2957.8	2967.2	2976.5	2981.1	2985.8	2983.7
5°	3123.1	3161.6	3200.1	3238.3	3276.5	3297.2	3318.0	3330.5	3343.2	3352.7
7.5°	3342.8	3405.4	3467.9	3524.2	3580.5	3614.4	3648.3	3666.6	3684.8	3693.7
10°	3511.3	3585.3	3659.3	3725.3	3791.3	3831.3	3871.1	3888.9	3906.6	3913.4
12.5°	3614.4	3694.6	3774.7	3834.4	3893.9	3922.9	3951.9	3961.7	3971.4	3972.4
15°	3677.1	3746.3	3815.4	3852.8	3890.4	3891.4	3892.4	3882.1	3871.7	3859.5
17.5°	3712.3	3759.1	3805.8	3806.5	3807.1	3765.2	3723.2	3684.7	3646.2	3619.0
20°	3751.2	3767.4	3783.8	3734.6	3685.4	3592.7	3500.1	3432.6	3365.1	3323.7
22.5°	3796.3	3774.9	3753.6	3651.6	3549.6	3413.3	3277.0	3192.7	3108.3	3062.5
25°	3854.3	3786.9	3719.6	3564.7	3409.9	3244.4	3078.9	2990.2	2901.7	2858.3
27.5°	3933.1	3812.6	3692.1	3487.0	3282.0	3098.6	2915.1	2827.9	2740.7	2699.8
30°	4039.3	3859.7	3680.2	3427.7	3175.3	2984.2	2793.0	2712.1	2631.2	2593.0
32.5°	4164.7	3918.8	3672.9	3387.3	3101.7	2922.1	2742.5	2678.9	2615.3	2587.8
35°	4317.0	4016.1	3715.2	3417.6	3120.0	2995.2	2870.6	2855.7	2840.9	2838.6
37.5°	4573.5	4219.5	3865.5	3595.0	3324.5	3316.4	3308.3	3376.1	3443.9	3479.1
40°	4961.2	4576.1	4191.1	3990.0	3788.8	3930.8	4072.8	4237.6	4402.3	4484.4
42.5°	5475.2	5093.2	4711.2	4595.3	4479.4	4789.1	5098.8	5398.5	5698.2	5874.2
45°	6110.0	5766.8	5423.6	5372.5	5321.3	5817.4	6313.6	6806.1	7298.7	7597.7
47.5°	6903.8	6570.0	6236.1	6225.7	6215.4	6931.1	7646.6	8367.6	9088.5	9511.9
50°	7944.4	7532.0	7119.7	7121.5	7123.2	8045.6	8968.0	9919.7	10871.4	11446.8
52.5°	9138.8	8639.5	8140.2	8089.8	8039.2	9141.0	10242.8	11420.3	12597.7	13287.4
55°	10410.4	9917.1	9423.8	9227.0	9030.2	10256.4	11482.6	12886.4	14290.1	15110.4
57.5°	11567.0	11298.4	11029.7	10634.9	10240.3	11478.4	12716.6	14306.6	15896.5	16913.7
60°	12266.1	12683.3	13100.7	12610.5	12120.3	13292.0	14463.7	16166.1	17868.4	18967.8
62.5°	11911.1	13051.2	14191.4	14136.1	14080.8	15154.2	16227.6	17847.3	19466.8	20483.0
65°	11200.7	12270.7	13340.8	13552.5	13764.2	15128.2	16492.4	18063.0	19633.4	20498.6
67.5°	10248.8	11266.5	12284.2	12383.5	12482.7	13904.0	15325.2	16902.4	18479.7	19157.5
70°	9105.1	10212.1	11319.1	11363.5	11408.0	12679.0	13949.9	15307.2	16664.5	17041.2
72.5°	7742.3	9012.6	10283.0	10314.9	10346.7	11341.1	12335.5	13352.1	14368.6	14406.7
75°	6018.3	7333.0	8647.8	8765.8	8883.9	9657.5	10431.2	11146.8	11862.4	11670.7
77.5°	4299.9	5527.2	6754.6	6923.5	7092.5	7680.6	8268.8	8776.3	9283.9	8954.3
80°	2814.3	3846.8	4879.3	5089.2	5299.2	5743.4	6187.4	6454.0	6720.4	6190.3
82.5°	1635.9	2341.8	3047.8	3282.3	3517.0	3822.7	4128.4	4239.6	4350.7	3934.1
85°	719.8	1094.4	1469.1	1668.6	1868.1	2119.3	2370.4	2433.5	2496.6	2162.9
87.5°	222.8	348.7	474.7	586.0	697.3	822.9	948.5	953.9	959.2	805.3
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°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2985.8	2.5°	2981.1	2976.5	2967.2	2957.8	2942.2	2926.5	2915.4	2904.5	2882.2	2859.9
3343.2	5°	3330.5	3318.0	3297.2	3276.5	3238.3	3200.1	3161.6	3123.1	3073.9	3024.7
3684.8	7.5°	3666.6	3648.3	3614.4	3580.5	3524.2	3467.9	3405.4	3342.8	3261.6	3180.4
3906.6	10°	3888.9	3871.1	3831.3	3791.3	3725.3	3659.3	3585.3	3511.3	3408.6	3305.8
3971.4	12.5°	3961.7	3951.9	3922.9	3893.9	3834.4	3774.7	3694.6	3614.4	3501.5	3388.8
3871.7	15°	3882.1	3892.4	3891.4	3890.4	3852.8	3815.4	3746.3	3677.1	3559.4	3441.8
3646.2	17.5°	3684.7	3723.2	3765.2	3807.1	3806.5	3805.8	3759.1	3712.3	3593.0	3473.7
3365.1	20°	3432.6	3500.1	3592.7	3685.4	3734.6	3783.8	3767.4	3751.2	3627.2	3503.2
3108.3	22.5°	3192.7	3277.0	3413.3	3549.6	3651.6	3753.6	3774.9	3796.3	3669.6	3542.9
2901.7	25°	2990.2	3078.9	3244.4	3409.9	3564.7	3719.6	3786.9	3854.3	3730.1	3606.1
2740.7	27.5°	2827.9	2915.1	3098.6	3282.0	3487.0	3692.1	3812.6	3933.1	3814.7	3696.2
2631.2	30°	2712.1	2793.0	2984.2	3175.3	3427.7	3680.2	3859.7	4039.3	3924.9	3810.6
2615.3	32.5°	2678.9	2742.5	2922.1	3101.7	3387.3	3672.9	3918.8	4164.7	4051.4	3938.2
2840.9	35°	2855.7	2870.6	2995.2	3120.0	3417.6	3715.2	4016.1	4317.0	4208.6	4100.1
3443.9	37.5°	3376.1	3308.3	3316.4	3324.5	3595.0	3865.5	4219.5	4573.5	4435.3	4297.0
4402.3	40°	4237.6	4072.8	3930.8	3788.8	3990.0	4191.1	4576.1	4961.2	4759.7	4558.2
5698.2	42.5°	5398.5	5098.8	4789.1	4479.4	4595.3	4711.2	5093.2	5475.2	5184.4	4893.6
7298.7	45°	6806.1	6313.6	5817.4	5321.3	5372.5	5423.6	5766.8	6110.0	5717.7	5325.4
9088.5	47.5°	8367.6	7646.6	6931.1	6215.4	6225.7	6236.1	6570.0	6903.8	6351.8	5799.6
10871.4	50°	9919.7	8968.0	8045.6	7123.2	7121.5	7119.7	7532.0	7944.4	7112.1	6279.6
12597.7	52.5°	11420.3	10242.8	9141.0	8039.2	8089.8	8140.2	8639.5	9138.8	7910.7	6682.6
14290.1	55°	12886.4	11482.6	10256.4	9030.2	9227.0	9423.8	9917.1	10410.4	8618.7	6827.2
15896.5	57.5°	14306.6	12716.6	11478.4	10240.3	10634.9	11029.7	11298.4	11567.0	9120.6	6674.1
17868.4	60°	16166.1	14463.7	13292.0	12120.3	12610.5	13100.7	12683.3	12266.1	9246.0	6225.7
19466.8	62.5°	17847.3	16227.6	15154.2	14080.8	14136.1	14191.4	13051.2	11911.1	8717.9	5524.7
19633.4	65°	18063.0	16492.4	15128.2	13764.2	13552.5	13340.8	12270.7	11200.7	7970.8	4740.9
18479.7	67.5°	16902.4	15325.2	13904.0	12482.7	12383.5	12284.2	11266.5	10248.8	7081.7	3914.6
16664.5	70°	15307.2	13949.9	12679.0	11408.0	11363.5	11319.1	10212.1	9105.1	6111.5	3117.9
14368.6	72.5°	13352.1	12335.5	11341.1	10346.7	10314.9	10283.0	9012.6	7742.3	5059.8	2377.5
11862.4	75°	11146.8	10431.2	9657.5	8883.9	8765.8	8647.8	7333.0	6018.3	3854.2	1690.1
9283.9	77.5°	8776.3	8268.8	7680.6	7092.5	6923.5	6754.6	5527.2	4299.9	2697.6	1095.2
6720.4	80°	6454.0	6187.4	5743.4	5299.2	5089.2	4879.3	3846.8	2814.3	1738.0	661.7
4350.7	82.5°	4239.6	4128.4	3822.7	3517.0	3282.3	3047.8	2341.8	1635.9	1005.9	376.0
2496.6	85°	2433.5	2370.4	2119.3	1868.1	1668.6	1469.1	1094.4	719.8	452.5	185.3
959.2	87.5°	953.9	948.5	822.9	697.3	586.0	474.7	348.7	222.8	148.2	73.6
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2836.2	2.5°	2812.5	2788.7	2764.9	2742.1	2719.3	2697.2	2672.6	2652.7	2632.9	2615.0
2975.6	5°	2926.5	2877.1	2827.8	2781.6	2735.5	2692.0	2649.0	2611.5	2573.9	2542.3
3105.4	7.5°	3030.4	2957.3	2884.2	2819.9	2755.5	2696.1	2640.5	2590.5	2540.7	2499.2
3206.7	10°	3107.6	3018.9	2930.1	2854.0	2777.7	2704.4	2644.6	2592.0	2539.3	2497.9
3276.4	12.5°	3164.1	3059.4	2954.7	2868.6	2782.5	2705.5	2649.8	2606.7	2563.8	2536.2
3319.9	15°	3198.1	3077.5	2957.0	2857.3	2757.6	2672.3	2627.7	2607.1	2586.6	2590.3
3340.8	17.5°	3207.8	3067.9	2928.0	2808.1	2688.2	2587.8	2560.4	2567.9	2575.4	2620.6
3357.0	20°	3210.9	3041.4	2871.8	2723.2	2574.6	2457.8	2450.5	2485.8	2521.0	2599.4
3379.0	22.5°	3215.1	3008.8	2802.6	2623.6	2444.6	2311.6	2325.8	2378.0	2430.1	2519.6
3418.8	25°	3231.4	2976.7	2722.1	2512.4	2302.8	2166.6	2204.9	2265.0	2325.1	2405.6
3481.0	27.5°	3265.6	2955.2	2644.8	2410.7	2176.6	2052.6	2099.2	2157.2	2215.3	2281.5
3561.5	30°	3312.5	2945.2	2577.7	2325.7	2073.8	1969.6	2006.2	2052.2	2098.5	2153.4
3645.6	32.5°	3352.9	2932.7	2512.4	2252.5	1992.4	1908.5	1924.8	1952.0	1979.3	2023.1
3741.3	35°	3382.5	2909.3	2436.3	2180.4	1924.6	1854.6	1847.9	1855.3	1862.9	1896.4
3848.6	37.5°	3400.2	2869.2	2338.3	2095.7	1853.0	1791.9	1767.2	1758.9	1750.7	1774.7
3984.8	40°	3411.2	2814.0	2216.8	1994.5	1772.2	1716.8	1678.9	1660.2	1641.4	1658.7
4162.9	42.5°	3432.3	2757.0	2081.9	1882.9	1683.9	1632.8	1585.1	1560.3	1535.4	1549.5
4397.4	45°	3469.3	2704.0	1938.9	1764.3	1589.8	1538.0	1491.9	1467.6	1443.5	1455.3
4647.1	47.5°	3494.7	2660.3	1825.9	1670.5	1515.2	1448.3	1408.6	1388.3	1368.0	1379.2
4878.9	50°	3478.1	2612.6	1747.1	1608.3	1469.4	1381.5	1335.4	1317.3	1299.4	1316.8
5029.3	52.5°	3376.0	2532.1	1688.3	1567.2	1446.3	1345.2	1280.8	1262.9	1245.2	1271.4
4996.2	55°	3165.1	2398.6	1632.1	1537.5	1442.8	1348.8	1251.7	1223.6	1195.5	1232.7
4762.8	57.5°	2851.6	2210.4	1569.1	1502.2	1435.4	1352.5	1234.3	1193.3	1152.2	1192.3
4328.4	60°	2431.1	1966.0	1500.9	1448.3	1395.8	1341.1	1218.0	1164.8	1111.5	1146.7
3741.1	62.5°	1957.5	1673.5	1389.6	1354.7	1319.8	1313.1	1198.9	1132.3	1065.9	1088.2
3141.9	65°	1543.0	1410.4	1277.9	1261.4	1244.9	1245.7	1158.7	1088.0	1017.2	1025.8
2554.9	67.5°	1195.2	1157.5	1119.8	1129.0	1138.2	1135.9	1087.0	1028.1	969.2	966.5
2011.6	70°	905.3	916.1	926.7	969.4	1012.0	1012.0	996.0	954.1	912.2	902.9
1537.9	72.5°	698.3	730.8	763.3	823.8	884.2	894.4	894.6	865.9	837.2	823.5
1116.2	75°	542.2	571.7	601.1	668.9	736.7	783.5	779.6	757.5	735.3	722.3
756.4	77.5°	417.5	437.5	457.6	523.4	589.2	666.4	664.3	646.6	628.9	615.6
487.3	80°	313.0	321.3	329.6	385.3	441.0	533.2	532.9	518.1	503.2	492.1
299.7	82.5°	223.7	225.1	226.8	267.8	308.8	387.6	392.0	384.7	377.4	369.6
160.2	85°	135.2	134.5	133.7	163.7	193.8	252.4	258.1	250.3	242.5	233.7
66.4	87.5°	59.3	58.6	57.8	70.1	82.4	106.7	114.0	110.9	107.8	106.1
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°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2597.2	2.5°	2581.5	2565.9	2550.1	2534.5	2522.3	2510.1	2500.3	2490.4	2482.8	2475.1
2510.9	5°	2483.2	2455.4	2430.2	2404.9	2385.5	2366.1	2352.5	2338.9	2329.3	2319.6
2457.8	7.5°	2422.8	2387.8	2356.9	2326.2	2303.0	2280.0	2263.9	2247.7	2236.6	2225.6
2456.4	10°	2418.8	2381.1	2346.4	2311.6	2284.1	2256.4	2238.4	2220.1	2209.7	2199.2
2508.9	12.5°	2479.2	2449.8	2413.8	2378.0	2342.7	2307.5	2284.2	2260.9	2249.2	2237.5
2594.1	15°	2586.4	2578.7	2547.5	2516.3	2466.2	2416.0	2380.6	2345.1	2328.8	2312.7
2665.8	17.5°	2689.8	2713.8	2688.6	2663.5	2597.1	2530.6	2478.4	2426.2	2402.1	2378.0
2678.0	20°	2728.3	2778.5	2766.9	2755.2	2679.2	2603.4	2539.3	2475.4	2444.6	2413.7
2609.4	22.5°	2674.8	2740.2	2747.2	2754.2	2681.6	2609.1	2543.2	2477.2	2444.7	2412.2
2486.3	25°	2550.6	2615.0	2639.0	2663.0	2603.5	2544.1	2485.4	2427.0	2398.8	2370.7
2347.6	27.5°	2399.2	2450.8	2477.6	2504.4	2462.0	2419.7	2374.2	2328.7	2309.9	2290.9
2208.3	30°	2251.1	2294.0	2315.8	2337.6	2305.3	2273.0	2240.4	2207.7	2198.1	2188.3
2067.1	32.5°	2108.1	2149.2	2173.4	2197.6	2168.0	2138.3	2112.2	2086.2	2079.9	2073.6
1929.7	35°	1970.4	2011.1	2040.1	2069.1	2048.0	2027.0	2002.9	1979.0	1969.3	1959.8
1798.6	37.5°	1839.2	1879.8	1915.6	1951.5	1941.8	1932.0	1909.9	1887.8	1870.3	1852.8
1676.0	40°	1715.2	1754.4	1795.6	1837.0	1839.4	1841.6	1822.9	1804.1	1778.6	1753.3
1563.7	42.5°	1600.8	1638.0	1682.6	1727.1	1739.0	1751.0	1735.1	1719.4	1687.7	1656.1
1467.3	45°	1502.5	1537.8	1584.0	1630.2	1647.3	1664.4	1650.1	1635.9	1599.8	1563.7
1390.3	47.5°	1424.8	1459.2	1504.8	1550.4	1570.1	1589.8	1579.9	1569.9	1537.8	1505.7
1334.3	50°	1366.9	1399.3	1440.2	1481.0	1506.3	1531.6	1530.9	1530.5	1504.8	1479.1
1297.5	52.5°	1327.4	1357.1	1395.2	1433.3	1463.3	1493.2	1498.6	1504.0	1483.1	1462.1
1269.8	55°	1301.9	1334.0	1367.4	1400.7	1432.4	1464.2	1471.7	1479.1	1460.9	1442.6
1232.3	57.5°	1270.0	1307.7	1340.7	1373.7	1405.7	1437.7	1445.2	1452.8	1434.4	1415.9
1181.7	60°	1225.0	1268.3	1301.8	1335.4	1367.5	1399.6	1407.9	1416.2	1398.2	1380.3
1110.5	62.5°	1161.0	1211.5	1247.3	1283.0	1312.5	1341.9	1349.9	1357.9	1341.6	1325.3
1034.3	65°	1088.4	1142.6	1176.8	1211.0	1236.9	1262.8	1271.0	1279.1	1263.5	1247.8
963.8	67.5°	1013.8	1063.8	1096.3	1128.6	1151.0	1173.4	1181.4	1189.2	1174.8	1160.5
893.6	70°	937.5	981.5	1009.4	1037.4	1057.6	1077.8	1085.5	1093.2	1081.5	1069.8
809.9	72.5°	844.5	879.1	904.3	929.6	949.4	969.2	978.3	987.5	977.7	968.0
709.1	75°	734.8	760.5	783.4	806.3	824.3	842.4	851.9	861.4	856.7	851.9
602.3	77.5°	623.3	644.1	663.8	683.5	702.5	721.3	730.2	739.1	732.5	725.7
480.9	80°	498.3	515.6	532.2	548.8	563.2	577.5	589.3	601.1	598.2	595.4
361.7	82.5°	360.2	358.8	353.0	347.2	377.9	408.5	428.6	448.8	447.5	446.2
224.9	85°	217.4	209.9	193.8	177.7	206.4	235.3	260.1	285.0	282.9	280.9
104.5	87.5°	104.2	103.8	91.6	79.3	91.3	103.4	113.5	123.5	121.0	118.4
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2468.0	2.5°	2460.9	2452.1	2460.9	2468.0	2475.1	2482.8	2490.4	2500.3	2510.1	2522.3
2312.3	5°	2304.9	2297.7	2304.9	2312.3	2319.6	2329.3	2338.9	2352.5	2366.1	2385.5
2219.0	7.5°	2212.5	2207.5	2212.5	2219.0	2225.6	2236.6	2247.7	2263.9	2280.0	2303.0
2193.6	10°	2188.0	2185.7	2188.0	2193.6	2199.2	2209.7	2220.1	2238.4	2256.4	2284.1
2232.8	12.5°	2228.0	2227.2	2228.0	2232.8	2237.5	2249.2	2260.9	2284.2	2307.5	2342.7
2306.5	15°	2300.2	2299.7	2300.2	2306.5	2312.7	2328.8	2345.1	2380.6	2416.0	2466.2
2370.1	17.5°	2362.1	2360.9	2362.1	2370.1	2378.0	2402.1	2426.2	2478.4	2530.6	2597.1
2403.9	20°	2394.0	2390.9	2394.0	2403.9	2413.7	2444.6	2475.4	2539.3	2603.4	2679.2
2401.3	22.5°	2390.4	2385.7	2390.4	2401.3	2412.2	2444.7	2477.2	2543.2	2609.1	2681.6
2360.5	25°	2350.3	2344.3	2350.3	2360.5	2370.7	2398.8	2427.0	2485.4	2544.1	2603.5
2286.3	27.5°	2281.6	2280.0	2281.6	2286.3	2290.9	2309.9	2328.7	2374.2	2419.7	2462.0
2188.3	30°	2188.3	2189.9	2188.3	2188.3	2188.3	2198.1	2207.7	2240.4	2273.0	2305.3
2074.4	32.5°	2075.4	2076.9	2075.4	2074.4	2073.6	2079.9	2086.2	2112.2	2138.3	2168.0
1957.7	35°	1955.6	1954.6	1955.6	1957.7	1959.8	1969.3	1979.0	2002.9	2027.0	2048.0
1843.6	37.5°	1834.4	1829.2	1834.4	1843.6	1852.8	1870.3	1887.8	1909.9	1932.0	1941.8
1736.1	40°	1719.1	1709.0	1719.1	1736.1	1753.3	1778.6	1804.1	1822.9	1841.6	1839.4
1631.2	42.5°	1606.2	1589.8	1606.2	1631.2	1656.1	1687.7	1719.4	1735.1	1751.0	1739.0
1534.4	45°	1505.0	1486.2	1505.0	1534.4	1563.7	1599.8	1635.9	1650.1	1664.4	1647.3
1478.5	47.5°	1451.5	1433.3	1451.5	1478.5	1505.7	1537.8	1569.9	1579.9	1589.8	1570.1
1454.0	50°	1429.0	1411.5	1429.0	1454.0	1479.1	1504.8	1530.5	1530.9	1531.6	1506.3
1439.6	52.5°	1417.2	1401.2	1417.2	1439.6	1462.1	1483.1	1504.0	1498.6	1493.2	1463.3
1422.9	55°	1403.3	1388.7	1403.3	1422.9	1442.6	1460.9	1479.1	1471.7	1464.2	1432.4
1396.4	57.5°	1376.8	1361.8	1376.8	1396.4	1415.9	1434.4	1452.8	1445.2	1437.7	1405.7
1360.1	60°	1340.0	1324.5	1340.0	1360.1	1380.3	1398.2	1416.2	1407.9	1399.6	1367.5
1304.2	62.5°	1283.0	1264.4	1283.0	1304.2	1325.3	1341.6	1357.9	1349.9	1341.9	1312.5
1227.3	65°	1206.9	1190.8	1206.9	1227.3	1247.8	1263.5	1279.1	1271.0	1262.8	1236.9
1141.5	67.5°	1122.4	1107.9	1122.4	1141.5	1160.5	1174.8	1189.2	1181.4	1173.4	1151.0
1051.5	70°	1033.3	1016.7	1033.3	1051.5	1069.8	1081.5	1093.2	1085.5	1077.8	1057.6
950.6	72.5°	933.3	917.2	933.3	950.6	968.0	977.7	987.5	978.3	969.2	949.4
837.3	75°	822.7	807.3	822.7	837.3	851.9	856.7	861.4	851.9	842.4	824.3
711.0	77.5°	696.2	684.0	696.2	711.0	725.7	732.5	739.1	730.2	721.3	702.5
575.6	80°	555.7	532.7	555.7	575.6	595.4	598.2	601.1	589.3	577.5	563.2
429.5	82.5°	412.7	398.0	412.7	429.5	446.2	447.5	448.8	428.6	408.5	377.9
267.8	85°	254.7	241.5	254.7	267.8	280.9	282.9	285.0	260.1	235.3	206.4
111.7	87.5°	104.9	98.5	104.9	111.7	118.4	121.0	123.5	113.5	103.4	91.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2534.5	2.5°	2550.1	2565.9	2581.5	2597.2	2615.0	2632.9	2652.7	2672.6	2692.2	2719.3
2404.9	5°	2430.2	2455.4	2483.2	2510.9	2542.3	2573.9	2611.5	2649.0	2692.0	2735.5
2326.2	7.5°	2356.9	2387.8	2422.8	2457.8	2499.2	2540.7	2590.5	2640.5	2696.1	2755.5
2311.6	10°	2346.4	2381.1	2418.8	2456.4	2497.9	2539.3	2592.0	2644.6	2704.4	2777.7
2378.0	12.5°	2413.8	2449.8	2479.2	2508.9	2536.2	2563.8	2606.7	2649.8	2705.5	2782.5
2516.3	15°	2547.5	2578.7	2586.4	2594.1	2590.3	2586.6	2607.1	2627.7	2672.3	2757.6
2663.5	17.5°	2688.6	2713.8	2689.8	2665.8	2620.6	2575.4	2567.9	2560.4	2587.8	2688.2
2755.2	20°	2766.9	2778.5	2728.3	2678.0	2599.4	2521.0	2485.8	2450.5	2457.8	2574.6
2754.2	22.5°	2747.2	2740.2	2674.8	2609.4	2519.6	2430.1	2378.0	2325.8	2311.6	2444.6
2663.0	25°	2639.0	2615.0	2550.6	2486.3	2405.6	2325.1	2265.0	2204.9	2166.6	2302.8
2504.4	27.5°	2477.6	2450.8	2399.2	2347.6	2281.5	2215.3	2157.2	2099.2	2052.6	2176.6
2337.6	30°	2315.8	2294.0	2251.1	2208.3	2153.4	2098.5	2052.2	2006.2	1969.6	2073.8
2197.6	32.5°	2173.4	2149.2	2108.1	2067.1	2023.1	1979.3	1952.0	1924.8	1908.5	1992.4
2069.1	35°	2040.1	2011.1	1970.4	1929.7	1896.4	1862.9	1855.3	1847.9	1854.6	1924.6
1951.5	37.5°	1915.6	1879.8	1839.2	1798.6	1774.7	1750.7	1758.9	1767.2	1791.9	1853.0
1837.0	40°	1795.6	1754.4	1715.2	1676.0	1658.7	1641.4	1660.2	1678.9	1716.8	1772.2
1727.1	42.5°	1682.6	1638.0	1600.8	1563.7	1549.5	1535.4	1560.3	1585.1	1632.8	1683.9
1630.2	45°	1584.0	1537.8	1502.5	1467.3	1455.3	1443.5	1467.6	1491.9	1538.0	1589.8
1550.4	47.5°	1504.8	1459.2	1424.8	1390.3	1379.2	1368.0	1388.3	1408.6	1448.3	1515.2
1481.0	50°	1440.2	1399.3	1366.9	1334.3	1316.8	1299.4	1317.3	1335.4	1381.5	1469.4
1433.3	52.5°	1395.2	1357.1	1327.4	1297.5	1271.4	1245.2	1262.9	1280.8	1345.2	1446.3
1400.7	55°	1367.4	1334.0	1301.9	1269.8	1232.7	1195.5	1223.6	1251.7	1348.8	1442.8
1373.7	57.5°	1340.7	1307.7	1270.0	1232.3	1192.3	1152.2	1193.3	1234.3	1352.5	1435.4
1335.4	60°	1301.8	1268.3	1225.0	1181.7	1146.7	1111.5	1164.8	1218.0	1341.1	1395.8
1283.0	62.5°	1247.3	1211.5	1161.0	1110.5	1088.2	1065.9	1132.3	1198.9	1313.1	1319.8
1211.0	65°	1176.8	1142.6	1088.4	1034.3	1025.8	1017.2	1088.0	1158.7	1245.7	1244.9
1128.6	67.5°	1096.3	1063.8	1013.8	963.8	966.5	969.2	1028.1	1087.0	1135.9	1138.2
1037.4	70°	1009.4	981.5	937.5	893.6	902.9	912.2	954.1	996.0	1012.0	1012.0
929.6	72.5°	904.3	879.1	844.5	809.9	823.5	837.2	865.9	894.6	894.4	884.2
806.3	75°	783.4	760.5	734.8	709.1	722.3	735.3	757.5	779.6	783.5	736.7
683.5	77.5°	663.8	644.1	623.3	602.3	615.6	628.9	646.6	664.3	666.4	589.2
548.8	80°	532.2	515.6	498.3	480.9	492.1	503.2	518.1	532.9	533.2	441.0
347.2	82.5°	353.0	358.8	360.2	361.7	369.6	377.4	384.7	392.0	387.6	308.8
177.7	85°	193.8	209.9	217.4	224.9	233.7	242.5	250.3	258.1	252.4	193.8
79.3	87.5°	91.6	103.8	104.2	104.5	106.1	107.8	110.9	114.0	106.7	82.4
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):**

325°		330°	335°	340°	345°	350°	355°	360°
2700.8	0°	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8	2700.8
2742.1	2.5°	2764.9	2788.7	2812.5	2836.2	2859.9	2882.2	2904.5
2781.6	5°	2827.8	2877.1	2926.5	2975.6	3024.7	3073.9	3123.1
2819.9	7.5°	2884.2	2957.3	3030.4	3105.4	3180.4	3261.6	3342.8
2854.0	10°	2930.1	3018.9	3107.6	3206.7	3305.8	3408.6	3511.3
2868.6	12.5°	2954.7	3059.4	3164.1	3276.4	3388.8	3501.5	3614.4
2857.3	15°	2957.0	3077.5	3198.1	3319.9	3441.8	3559.4	3677.1
2808.1	17.5°	2928.0	3067.9	3207.8	3340.8	3473.7	3593.0	3712.3
2723.2	20°	2871.8	3041.4	3210.9	3357.0	3503.2	3627.2	3751.2
2623.6	22.5°	2802.6	3008.8	3215.1	3379.0	3542.9	3669.6	3796.3
2512.4	25°	2722.1	2976.7	3231.4	3418.8	3606.1	3730.1	3854.3
2410.7	27.5°	2644.8	2955.2	3265.6	3481.0	3696.2	3814.7	3933.1
2325.7	30°	2577.7	2945.2	3312.5	3561.5	3810.6	3924.9	4039.3
2252.5	32.5°	2512.4	2932.7	3352.9	3645.6	3938.2	4051.4	4164.7
2180.4	35°	2436.3	2909.3	3382.5	3741.3	4100.1	4208.6	4317.0
2095.7	37.5°	2338.3	2869.2	3400.2	3848.6	4297.0	4435.3	4573.5
1994.5	40°	2216.8	2814.0	3411.2	3984.8	4558.2	4759.7	4961.2
1882.9	42.5°	2081.9	2757.0	3432.3	4162.9	4893.6	5184.4	5475.2
1764.3	45°	1938.9	2704.0	3469.3	4397.4	5325.4	5717.7	6110.0
1670.5	47.5°	1825.9	2660.3	3494.7	4647.1	5799.6	6351.8	6903.8
1608.3	50°	1747.1	2612.6	3478.1	4878.9	6279.6	7112.1	7944.4
1567.2	52.5°	1688.3	2532.1	3376.0	5029.3	6682.6	7910.7	9138.8
1537.5	55°	1632.1	2398.6	3165.1	4996.2	6827.2	8618.7	10410.4
1502.2	57.5°	1569.1	2210.4	2851.6	4762.8	6674.1	9120.6	11567.0
1448.3	60°	1500.9	1966.0	2431.1	4328.4	6225.7	9246.0	12266.1
1354.7	62.5°	1389.6	1673.5	1957.5	3741.1	5524.7	8717.9	11911.1
1261.4	65°	1277.9	1410.4	1543.0	3141.9	4740.9	7970.8	11200.7
1129.0	67.5°	1119.8	1157.5	1195.2	2554.9	3914.6	7081.7	10248.8
969.4	70°	926.7	916.1	905.3	2011.6	3117.9	6111.5	9105.1
823.8	72.5°	763.3	730.8	698.3	1537.9	2377.5	5059.8	7742.3
668.9	75°	601.1	571.7	542.2	1116.2	1690.1	3854.2	6018.3
523.4	77.5°	457.6	437.5	417.5	756.4	1095.2	2697.6	4299.9
385.3	80°	329.6	321.3	313.0	487.3	661.7	1738.0	2814.3
267.8	82.5°	226.8	225.1	223.7	299.7	376.0	1005.9	1635.9
163.7	85°	133.7	134.5	135.2	160.2	185.3	452.5	719.8
70.1	87.5°	57.8	58.6	59.3	66.4	73.6	148.2	222.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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